

Monthly Index *of* Russian Accessions



Volume 18, No. 9

December 1965

THE LIBRARY OF CONGRESS
WASHINGTON : 1966

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1954 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1954. Tables of contents in English translation are provided for most periodicals listed. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

The MONTHLY INDEX OF RUSSIAN ACCESSIONS is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402

Single copy prices vary; subscription price, \$14.00 a year domestic, \$5.00 a year additional for foreign mailing.

L. C. card, 48-46562

*Volumes 1-10 (No. 9), 1948-1957, issued under title *Monthly List of Russian Accessions*.

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

AAP	Auburn University, Auburn, Ala.	CaOTR	Royal Canadian Institute, Toronto, Canada.
AMAU	Air University Library, Maxwell Air Force Base, Montgomery, Ala.	CaOTU	(Collection included with CaOTU)
AU	University of Alabama, University	CaQMAI	University of Toronto, Toronto, Canada
AzTeS	Arizona State College, Tempe	CaQMBM	Arctic Institute of North America, Montreal, Canada
AzU	University of Arizona, Tucson	CaQMM	Bibliothèque de la Ville de Montréal, Collection Gagnon, Montreal, Canada
C	California State Library, Sacramento	CaQMU	McGill University, Montreal, Canada
CCC	Honold Library, Claremont, Calif.	CaSSU	La Bibliothèque de l'Université de Montréal, Montreal, Canada
CFS	Fresno State College, Fresno, Calif.	CoBBS	University of Saskatchewan, Saskatoon, Canada
CL	Los Angeles Public Library	CoD	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CLCM	Los Angeles County Museum Library, Los Angeles	CoDM	Denver Public Library
CLL	Los Angeles County Law Library, Los Angeles	CoFMS	Medical Society of the City and County of Denver
CLM	Los Angeles County Medical Association, Los Angeles	CoU	Colorado State University, Fort Collins
CLSU	University of Southern California, Los Angeles	CtHT	University of Colorado, Boulder
CLSU-II	— Hancock Library of Biology	CtU	Trinity College, Hartford, Conn.
CLU	University of California at Los Angeles	CtW	University of Connecticut, Storrs
CMthL	University of California, Lick Observatory, Mount Hamilton	CtY	Wesleyan University, Middletown, Conn.
CPT	California Institute of Technology, Pasadena	CtY-L	Yale University, New Haven
CSf	San Francisco Public Library	CtY-M	— Law Library
CSFA	California Academy of Sciences, San Francisco	DAIA	— Medical School Library
CSFU	University of San Francisco, San Francisco	DAL	American Institute of Architects Library, Washington, D. C.
CSmH	Henry E. Huntington Library, San Marino, Calif.	DBC	U. S. Army Library, Pentagon Building
CSt	Stanford University Libraries, Stanford, Calif.	DBS	U. S. Bureau of the Census Library
CSt-H	— The Hoover Institution on War, Revolution, and Peace	DC	U. S. National Bureau of Standards Library
CSt-L	— Lane Medical Library	DCU	U. S. Department of Commerce Library
CSbs	University of California, Santa Barbara Library, Goleta	DDC	Catholic University of America Library, Washington, D. C.
CStmoR	Rand Corporation, Santa Monica, Calif.	DDO	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
CU	University of California, Berkeley	DFR	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
CU-A	— University of California, Davis	DI	Board of Governors of the Federal Reserve System
CU-B	— Bancroft Library, Berkeley	DI-GS	U. S. Department of the Interior Library
CU-E	— East Asiatic Library, Berkeley	DM	— Geological Survey Library
CU-M	— Medical Center, San Francisco	DN	U. S. Bureau of Mines Library. (Library integrated with DI)
CU-Riv	— College of Arts, Letters and Science, Riverside	DN-HO	U. S. Department of the Navy Library.
CU-S	— Scripps Institution of Oceanography, La Jolla	DN-Ob	— Naval Oceanographic Office Library
CaAEU	University of Alberta, Edmonton, Canada	DN-RL	— Naval Observatory Library
CaBVa	Vancouver Public Library, Vancouver, Canada	DNAL	Naval Research Laboratory Library, Anacostia Station, Washington, D. C.
CaBVaU	University of British Columbia, Vancouver, Canada	DNH	National Agricultural Library
CaBVIPA	Provincial Archives, Victoria, Canada	DNH	National Institutes of Health Library, Bethesda, Md.
CaMWM	Medical Library of the University of Manitoba, Winnipeg, Canada	DNLM	U. S. National Library of Medicine
CaNBPU	University of New Brunswick, Fredericton, Canada	DNW	U. S. National War College Library, Fort McNair
CaOKQ	Queen's University, Kingston, Canada	DP	U. S. Patent Office Library
CaOL	London Public Library, London, Canada	DS	U. S. Department of State Library
CaOLU	University of Western Ontario, London, Canada	DSC	Scottish Rite Supreme Council Library
CaOOA	Public Archives Library, Ottawa, Canada	DSI	Smithsonian Institution Library, Washington, D. C.
CaOOAg	Department of Agriculture, Main Library, Ottawa, Canada	DSI-AO	— Astrophysical Laboratory Library
CaOOC	Carleton College, Ottawa, Canada	DSI-E	— Bureau of American Ethnology Library
CaOOF	Department of Finance Library, Ottawa, Canada	DSI-M	— National Museum Library
CaOOG	Geological Survey of Canada, Ottawa, Canada	DWB	U. S. Weather Bureau Library
CaOOGB	Geographical Branch, Department of Mines and Technical Surveys, Ottawa, Canada	DeU	University of Delaware, Newark
CaOOH	Laboratory of Hygiene, Ottawa, Canada	FMU	University of Miami, Coral Gables, Fla.
CaOOM	Bureau of Mines Library, Ottawa, Canada	FTaSU	Florida State University, Tallahassee
CaOON	National Research Council, Ottawa, Canada	FU	University of Florida, Gainesville
CaOONDR	Library, Directorate of Scientific Information Service, Defence Research Board, Ottawa, Canada	GAT	Georgia Institute of Technology, Atlanta
CaOONM	National Museum, Ottawa, Canada	GEU	Emory University, Atlanta
CaOOS	Dominion Bureau of Statistics, Ottawa, Canada	GU	University of Georgia, Athens
CaOOU	University of Ottawa, Ottawa, Canada	HU	University of Hawaii, Honolulu
CaOTM	Library, Meteorological Branch, Air Services, Dept. of Transport, Toronto, Canada	I	Illinois State Library, Springfield
		IArg	Argonne National Laboratory, Argonne, Ill.
		IC	Chicago Public Library
		ICA	Art Institute of Chicago, Chicago

ICAC	American College of Surgeons Library, Chicago	MMeT	Tufts University, Medford, Mass.
ICF	Chicago Natural History Museum, Chicago	MNS	Smith College, Northampton, Mass.
ICJ	John Crerar Library, Chicago	MshM	Mount Holyoke College, South Hadley, Mass.
ICN	Newberry Library, Chicago	MWalB	Brandeis University, Waltham, Mass.
ICRL	Center for Research Library, Chicago. Midwest Interlibrary Center	MWeIC	Wellesley College, Wellesley, Mass.
ICU	University of Chicago, Chicago	MWhB	Marine Biological Laboratory, Woods Hole, Mass.
ICU-Y	Yerkes Observatory, Williams Bay, Wis.	MdAN	U. S. Naval Academy, Annapolis
ICarBS	Southern Illinois University, Carbondale	MdBJ	Johns Hopkins University, Baltimore
IEN	Northwestern University, Evanston, Ill.	MdBJ-W	— William H. Welch Medical Library
IEN-C	— Joseph Schaffner Library of Commerce, Chicago	MdBWA	Walters Art Gallery, Baltimore
IEN-M	— Medical School Library, Chicago	MdU	University of Maryland, College Park
IHi	Illinois State Historical Library, Springfield	MeB	Bowdoin College, Brunswick, Maine
IU	University of Illinois, Urbana	MeWC	Colby College, Waterville, Maine
IaAS	Iowa State University of Science and Technology, Ames	MiD	Detroit Public Library
IaU	State University of Iowa, Iowa City	MiDA	Detroit Institute of Arts
IaU-L	— College of Law Library	MiDW	Wayne State University, Detroit
IdNTS	National Reactor Testing Station, Technical Library, Phillips Petroleum Company, Idaho Falls, Idaho	MiEM	Michigan State University, East Lansing
IdU	University of Idaho, Moscow	MiMidD	Dow Chemical Company, Midland, Mich.
In	Indiana State Library, Indianapolis	MiU	University of Michigan, Ann Arbor
InIA	Indiana Academy of Science Library, Indianapolis	MiU-C	— William L. Clements Library
InLP	Purdue University, Lafayette, Ind.	MiU-L	— Law Library
InND	University of Notre Dame, Notre Dame, Ind.	MnSJ	James Jerome Hill Reference Library, St. Paul
InU	Indiana University, Bloomington	MnU	University of Minnesota, Minneapolis
KAS	St. Benedict's College, Atchison, Kan.	MnU-A	— Department of Agriculture Library, St. Paul
KMK	Kansas State University, Manhattan	MnU-B	— Bio-Medical Library
KU	University of Kansas, Lawrence	MnU-L	— Law Library
KU-L	— School of Law Library	MoFC	Central College, Fayette, Mo.
KU-M	— Medical Center Library, Kansas City	MoKL	Linda Hall Library, Kansas City
KyU	University of Kentucky, Lexington	MoRM	University of Missouri School of Mines and Metallurgy, Rolla
LNHT	Howard-Tilton Memorial Library of Tulane University, New Orleans, La.	MoS	St. Louis Public Library
LU	Louisiana State University, Baton Rouge	MoSB	Missouri Botanical Garden, St. Louis
MA	Amherst College, Amherst, Mass.	MoSU	St. Louis University, St. Louis
MB	Boston Public Library	MoSW	Washington University, St. Louis
MBA	American Academy of the Arts and Sciences, Boston	MoU	University of Missouri, Columbia
MBAt	Boston Athenaeum, Boston	MsSM	Mississippi State University, State College
MBM	Boston Medical Library, Boston	MaU	University of Mississippi, Oxford
MBN	Boston Society of Natural History, Boston	MtBC	Montana State College, Bozeman
MBU	Boston University	MtU	Montana State University, Missoula
MBdAF	U. S. Air Force Cambridge Research Center, Bedford, Mass.	N	New York State Library, Albany
MCM	Massachusetts Institute of Technology, Cambridge, Mass.	NAurW	Wells College, Aurora, New York
MH	Harvard University, Cambridge, Mass.	NB	Brooklyn Public Library
MH-A	— Arnold Arboretum, Jamaica Plain	NBB	Brooklyn Museum Libraries, Brooklyn
MH-AH	— Andover-Harvard Theological Seminary Library	NBC	Brooklyn College, Brooklyn
MH-BH	— Blue Hill Meteorological Observatory,	NBG	Brooklyn Botanic Garden, Brooklyn
		NBM	Academy of Medicine of Brooklyn Library, Brooklyn
		NBSU-M	State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn
		NBuB	Buffalo Society of Natural Sciences, Buffalo
		NBuU	University of Buffalo, Buffalo
		NCII	Hamilton College, Clinton, N. Y.
		NCornIC	Corning Glass Works Library, Corning, N. Y.
		NCsC	Carnegie Institution, Department of Genetics, Cold Spring Harbor, N. Y.
		NIC	Cornell University, Ithaca, N. Y.
		NIC-A	— State Colleges of Agriculture and Home Economics
		NN	New York Public Library
		NNA	American Geographical Society, New York
		NNBG	New York Botanical Garden, Bronx Park, New York
		NNC	Columbia University, New York
		NNC-L	— Law Library
		NNC-M	— Medical Library
		NNC-T	— Teachers College Library
		NNCC	Chemists' Club, New York
		NNCoCI	College of the City of New York, New York
		NNCorM	Cornell University Medical College Library, New York
		NNE	Engineering Societies Library, New York
		NNF	Fordham University, New York

NNIS	Library for Intercultural Studies, New York	OkS	Oklahoma State University, Stillwater
NNJ	Jewish Theological Seminary of America, New York	OkU	University of Oklahoma, Norman
NNM	American Museum of Natural History, New York	OrCS	Oregon State University, Corvallis
NNMM	Metropolitan Museum of Art Library, New York	OrPR	Reed College, Portland, Ore.
NNNAM	New York Academy of Medicine, New York	OrU	University of Oregon, Eugene
NNPH-O	Institute of Ophthalmology, Presbyterian Hospital, New York	P	Pennsylvania State Library, Harrisburg
NNR	Russell Sage Foundation, College of the City of New York	PBL	Lehigh University, Bethlehem, Pa.
NNRI	Rockefeller Institute for Medical Research, New York	PBm	Bryn Mawr College, Bryn Mawr, Pa.
NNU	New York University Libraries, New York	PHC	Haverford College, Haverford, Pa.
NNU-H	— University Heights Library	PLF	Franklin and Marshall College, Lancaster, Pa.
NNU-W	— Washington Square Library	PP	Free Library of Philadelphia
NNUN	United Nations Library, New York	PPAN	Academy of Natural Sciences, Philadelphia
NPV	Vassar College, Poughkeepsie, N. Y.	PPAmP	American Philosophical Society, Philadelphia
NRE	Eastman Kodak Company, Rochester, N. Y.	PPBC	Philadelphia Bibliographical Center and Union Library Catalogue
NRU	University of Rochester, Rochester, N. Y.	PPC	College of Physicians of Philadelphia
NSyU	Syracuse University, Syracuse, N. Y.	PPDrop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
NUpB	U. S. Brookhaven National Laboratory, Upton, N. Y.	PPF	Franklin Institute, Philadelphia
NYBT	Boyce Thompson Institute for Plant Research, Yonkers, N. Y.	PPPM	Philadelphia Museum of Art
NYHI	International Business Machines Corporation, Thomas J. Watson Research Center, Yorktown Heights, New York	PPT	Temple University, Philadelphia
NbU	University of Nebraska, Lincoln	PPUC	Union Library Catalogue of the Philadelphia Metropolitan Area, Philadelphia
NcD	Duke University, Durham, N. C.	PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
NcGW	Woman's College of the University of North Carolina, Greensboro	PPi	Carnegie Library of Pittsburgh, Pittsburgh
NcRS	North Carolina State College of Agriculture and Engineering, Raleigh	PPICI	Carnegie Institute of Technology, Pittsburgh
NcU	University of North Carolina, Chapel Hill	PPIU	University of Pittsburgh, Pittsburgh
NcU-II	— Division of Health Affairs. (North Carolina Memorial Hospital)	PRosC	Rosemont College, Rosemont, Pa.
NdU	University of North Dakota, Grand Forks	PSC	Swarthmore College, Swarthmore, Pa.
Nh	New Hampshire State Library, Concord	PSt	Pennsylvania State University, University Park
NhD	Dartmouth College, Hanover, N. H.	PU	University of Pennsylvania, Philadelphia
NJI	Irrington Free Public Library, Irvington, N. J.	PU-BZ	— Botany-Zoology Library
NJMua	Air Reduction Company, Inc., Central Research Department Library, Murray Hill	PU-El	— Moore School of Electrical Engineering Library
NJMuB	Bell Telephone Laboratories, Murray Hill, N. J.	PU-FA	— School of Fine Arts Library
NJN	Newark Public Library, Newark, N. J.	PU-Math	— Mathematics-Physics Library
NJP	Princeton University, Princeton, N. J.	PU-Mu	— University Museum Library
NJPT	Princeton Theological Seminary, Princeton, N. J.	PU-Penn	— Penniman Library of Education
NJR	Rutgers University, New Brunswick, N. J.	PU-Sc	— Towne Scientific School Library
NmUpU	New Mexico State University of Agriculture, Engineering and Science, University Park	RPB	Brown University, Providence, R. I.
NvU	University of Nevada, Reno	RU	University of Rhode Island, Kingston
O	Ohio State Library, Columbus	TCU	University of Chattanooga, Chattanooga, Tenn.
OCH	Hebrew Union College, Cincinnati	TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
OCLloyd	Lloyd Library and Museum, Cincinnati	TONS	Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn.
OCU	University of Cincinnati, Cincinnati	TU	University of Tennessee, Knoxville
OCI	Cleveland Public Library	TxCM	Agricultural and Mechanical College of Texas, College Station
OCIBHS	Benedictine High School, Cleveland	TxDaM	Southern Methodist University, Dallas
OCICS	Case Institute of Technology, Cleveland	TxHR	Rice Institute, Houston
OCIJC	John Carroll University, Cleveland	TxLT	Texas Technological College, Lubbock
OCIM	Cleveland Medical Library	TxU	University of Texas, Austin
OCIMA	Cleveland Museum of Art	ULA	Utah State University of Agriculture and Applied Science, Logan
OCIW	Western Reserve University, Cleveland	UPB	Brigham Young University, Provo, Utah
OCob	Battelle Memorial Institute, Columbus	ViBibV	Virginia Polytechnic Institute, Blacksburg
ODW	Ohio Wesleyan University, Delaware, Ohio	ViU	University of Virginia, Charlottesville
OH	Ohio State Historical Society, Columbus	ViU-L	— Law Library
OO	Oberlin College, Oberlin, Ohio	ViW	College of William and Mary, Williamsburg
OOxM	Miami University, Oxford, Ohio	VtMiM	Middlebury College, Middlebury, Vt.
OSTe	Carnegie Library, Steubenville, Ohio	VtU	University of Vermont and State Agricultural College, Burlington
OU	Ohio State University, Columbus	WAP	Institute of Paper Chemistry, Appleton
OUCA	Chemical Abstracts, Ohio State University, Columbus	WHI	State Historical Society of Wisconsin, Madison
		WU	University of Wisconsin, Madison
		WaU	University of Washington, Seattle
		WvU	West Virginia University, Morgantown
		WyU	Wyoming University, Laramie

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—PROCESSING DEPARTMENT

VOLUME 18, NO. 9

DECEMBER 1965

TABLE OF CONTENTS

Part A—Monographic Works

	Page
1. General.....	3385
2. Bibliography.....	3385
3. Philosophy & Religion.....	3385
4. History.....	3386
5. Social Sciences.....	3387
6. Political Science.....	3390
7. Law.....	3391
8. Education.....	3391
9. Music, Theater & Motion Pictures.....	3391
10. Fine Arts.....	3392
11. Language, Literature & Folklore.....	3393
12. Geography & Geology.....	3399
13. Science.....	3400
14. Medicine.....	3402
15. Agriculture.....	3403
16. Technology.....	3404
17. Military & Naval Sciences.....	3408

Part B—Periodicals

1. General	
<i>a.</i> Scholarly journals.....	3410
<i>b.</i> Popular magazines.....	3414
2. Bibliography	
<i>a.</i> Bibliography.....	3415
<i>b.</i> Libraries & library science.....	3415
<i>c.</i> Printing & the book trade.....	3416
3. Philosophy & Religion	
<i>a.</i> Philosophy.....	3416
<i>b.</i> Religion.....	3416
4. History	
<i>a.</i> General.....	3416
<i>b.</i> Archaeology & antiquities.....
5. Social Sciences	
<i>a.</i> Commerce.....	3417
<i>b.</i> Economics.....	3418
<i>c.</i> Finance.....	3420
<i>d.</i> Labor.....	3420
<i>e.</i> Sociology.....	3421
6. Political Science.....	3421
7. Law.....	3424
8. Education	
<i>a.</i> General.....	3426
<i>b.</i> Physical education & games.....	3428

9. Music, Theater & Motion Pictures	Page
a. Motion pictures.....	3428
b. Music.....	3428
c. Theater.....	3428
10. Fine Arts	
a. General.....	3429
b. Architecture.....	3429
11. Language, Literature & Folklore	
a. Language.....	3429
b. Literature & folklore.....	3430
12. Geography & Geology	
a. Ethnology.....	3432
b. Geography.....	3433
c. Geology & paleontology.....	3434
13. Science	
a. General.....	3438
b. Astronomy.....	3441
c. Biology.....	3441
d. Chemistry.....	3447
e. Mathematics.....	3453
f. Physics.....	3455
14. Medicine	
a. General.....	3461
b. Gynecology, obstetrics & pediatrics.....	3469
c. Neurology & psychiatry.....	3470
d. Ophthalmology & otorhinolaryngology.....	3471
e. Pathology & therapeutics.....	3471
f. Pharmacy & materia medica.....	3473
g. Public health & nursing.....	3474
h. Surgery & dentistry.....	3474
i. Venereology & dermatology.....
15. Agriculture	
a. General.....	3474
b. Animal industry.....	3478
c. Forestry.....	3479
d. Plant culture.....	3479
16. Technology	
a. General.....	3480
b. Aeronautics.....	3483
c. Chemical technology.....	3484
d. Civil & construction engineering.....	3490
e. Electrical engineering.....	3493
f. Industries & trades.....	3498
g. Mechanical engineering.....	3501
h. Mining & metallurgy.....	3506
17. Military & Naval Sciences	
a. Military science.....	3515
b. Naval science.....	3515
Part C—List of Periodicals Indexed and Abbreviations Used.....	3518
Subject Index to Monographs and Periodicals.....	3525

Periodicals Available in English Translation Cover-to-Cover. - *stripped*

PART 4 MONOGRAPHIC WORKS

GENERAL

【註】此處之「天」字，係指「天」字，而非指「天」字。

(S) 1. The following information was obtained from the files of the FBI, New York, New York, on the subject of the above captioned matter:

4. PUBLIC POLICY

[illegible][illegible][illegible][illegible]

1. 1950年10月1日，中华人民共和国成立，全国人民欢欣鼓舞，纷纷报名参加抗美援朝运动。

[illegible][illegible][illegible]

1. 凡在本行存款，利息按日计算，按月结息。

$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

[illegible][illegible]

8-17 [All the state will have the largest set
of all the other states to pass. If all the other
states are 100%]

[illegible]

[REDACTED]

[illegible][illegible]

1st. The following are the names of the persons who have been
admitted to the membership of the Society since the last meeting.
The names of those who have been admitted to the membership of the
Society since the last meeting are as follows:

1. The first of the following types of the
 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 83

INCHES)

[illegible]

* 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840

A. PHILOSOPHY & RELIGION

4. 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2

Вопрос: А не было ли у вас в Ленинграде в то время
каких-нибудь других организаций, которые занимались
этим делом?

PHAYISAN, V. [Antireligious propaganda in Krichov
(Ishik) A-tyreligijnia propaganda u Krychanakim
yukimov lišak. (Istara. vyd. vs 1981, 1980. 41 p.
[MICROFILM]

[illegible]

BRIDGES, D. V. [Contemporary bourgeois philoso-
phy in the U. S. A., a critical essay] Sacramento
and Riverside (California) State College, California. Mo-
dern. 1963. 100 p.

FRANK, J. L. [God be with us, three meditations]
 3 and 40911 ruzayablenia. Paris, YMCA-Press,
 1904. 370 p.
 (K4) (NC)

CHROMIUM, CHROMIUM (Strange are your deeds, oh
Lord!) Chudiy dela tvoi, gospodi! [Moskva] Molo-
detskiy grad, 1966. 111 p.

KATJ, IMMANUEL. [Works in six volumes. Translated from the German.] Sostinenija v šest' tomakh Moskva, Myt'. Vol. 4, PL.1 1903. 643 p. (I'zosofskoe nasledie)

KEPINOY, D. M. [How to study V. I. Lenin's book "Materialism and empiriocriticism?"] Kak izuchat' knizku V. I. Lenina "Materializm i empiriokrititsizm." Izd. 2. Moskva, Politizdat, 1963. 100 p.

KHODZHAYA, Z. I. [Anisodilative Dielsien and the basic law of the change of ref. Anisodilatsionnaya Dielsien i osnovnyy zakon izmeneniya prelomleniya. Tbilisi, Metsnereba] 1964. 173 p. [in Georgian]

КІТАВ'ЯНІ ЖІТТЯ. (Bible from Saint George's Hall, materials for a biography of the servant of God, Andrei Alekseyevich, based on foreign language sources.) Vistehi' zo Sviatohra'kot hoi y; pryehynky ob tsi'ni, uzh Shohi Bozhohi Andriia Shchegole'kova na pishchiv'i chashtomovnykh dzhel'oh. Yorktown, Canada, 1983. 148 p. (Biblioteka Lohova, vol. 34)

КУЧМЕН'КИЙ, Я. Я. [Geneziss of the forms and laws of thinking] Geneziss form i zakony mysleniya. Kyiv, Vyd-vo Akad.nauk URSR, 1962. 123 p.
(NN)

KULYASHOV, M.B. [What name given by? Chem zhirov
shchuyak. [Kuliyashov] Kuliyashovskoe katchinoo izd-vo,
1984. 54 p.
(C88-11)

LAZIKIN, P. I. [Philosophy and sociology; selected works in two volumes] *Filosofiya i sotsiologiya; izbrannyye proizvedeniya v dvukh tomakh*. Moskva, Mysl'.
Vol. 1, 1965. 751 p. (Filosofskoe nasledie)

1. NEN, V. I. [Philosophical notebooks] Filosofskie
zhefti. Moskva, Volnizdat, 1969. 702 p.

G. VADA, D. A. [Social nature of religion] *Sotsial'naya priroda religii*. Moskva, Nauka, 1965. 201 p.

[METAPHYSICAL COUNSEL ON PHILOSOPHY]
Metaphizicheskiye sovety po filozofii. Moskva, Politizdat,
1967, 301 p.

THE HOLY MANTHEN CHURCH. Liturgy and ritual.
Kuchaboyun, Ukraine, [Manual Rites for priests]
Chyn pokhoronyv orlyachchonykiv. New York, Vyd.
Ukraina'kol Pravoslavnoi Tserkvy v ZDA, 1956.
71 p.
(NSyU)

[POPULAR LECTURES ON ATHEISM] Popularnyye lek-
tsii po ateizmu. 2-izd. Moskva, Politizdat, 1965.
399 p.

PUKHILSKOV, V. K. [Reactionary substance of the social doctrine of the Catholic Church in the U.S.A.; author's abstract of a dissertation for the degree of Candidate of Philosophical Sciences] Reaktsionnaya sushchestvennaya doktrina katolicheskoi tserkvi v S.S.S.R.; avtorskiy dissertatsionniy na soiskaniye uchenoj stepeni kandidata filosoficheskikh nauk. Nauchn. rukovoditel' V. D. Timofeev. Moskva, Gos. gos. univ., 1964. 30 p. [MICROFILM]

RAKIMATULLIN, K. [Dialectical materialism and modern astronomy] Dialekticheskii materializm i sovremennaya astronomiya. Alma-Ata, Kazakhstan, 1965. 252 p.

REPUBLIKANSKAIA KONFERENTSIIA ATEISTOV.

Kishinev (?) 1964. [For a militant atheistic propaganda; reports and communications] Za bovyu ateisticheskuiu propagandu, [doklady i soobshcheniia] Kishinev, Partinnoe izd-vo TsK KP Moldavii, 1964 132 p

ROMENETS, V.A. [Fantasy, knowledge, creation] Fantazii, piznannia, tvorchist', Kyiv, Naukova dumka, 1965. 148 p.

RUSSIA (1923- U.S.S.R.) Upravlenie prepodavania obshchestvennykh nauk, [Program of the course "Elements of scientific atheism", for schools of higher learning] Programna kursa "Osnovy nauchnogo ateizma", dlia vysshikh uchebnykh zavedenii, Moskva, Mysl', 1965. 13 p.

[SCIENTIFIC AND RELIGIOUS WORLD VIEWS; collection of materials for studying the fundamentals of scientific atheism] Nauchnoe i religioznoe mirovozzrenie, sbornik materialov v pomoshch' izuchaiushchim osnovy nauchnogo ateizma. Kishinev, Partinnoe izd-vo TsK KP Moldavii, 1965. 157 p

SHEPTULIN, A.P. [Dialectical materialism] Dialekticheskii materializm, Moskva, Vysshiaia shkola, 1965. 304 p.

SOLOVYI, M.M. [Liturgy for Ukrainian catholic schools] Liturgika dlia ukrains'kykh katolyts'kykh shkil. Toronto, Vyd-vo O.O. Vasyliian, 1959. 2 v. in 1. (U)

SPRUKIN, A.G. [Development of Marxist philosophy by Lenin] Razvitie leninym filosofii marksizma, Moskva, Izd-vo "Znanie," 1965. 79 p. (Novoe v zhizni, nauke, tekhnike. II Seriya: Filosofii, nos. 17/18)

SUBBOTIN, A.L. [The theory of syllogism in present-day formal logic] Teoriia sillogistik v sovremennoi formal'noi logike, Moskva, Nauka, 1965. 122 p.

[TALKS ON RELIGION AND SCIENCE; a popular manual] Besedy o religii i znani; popularnyi uchebnyk. 3. izd. Moskva, Politizdat, 1965. 356 p.

[THEOLOGICAL ESSAYS; seminar papers of theology students at St Andrew's College in Winnipeg] Bohoslov's'kyi zbirnyk, semynarini referaty studentiv bohosiioviv Kolegii sv. Andriia v Vinnipehu. Winnipeg, Vyd-vo studentiv bohosiioviv pry Kolegii sv. Andriia, 1958. 234 p. (U)

VOLODYMYR, Abb. of Detroit. [Sermons] Zbirka propovidel. New York, Ukraine na Pravoslavna Tserkva v SShA, 1963. 206 p. (NSyU)

4. HISTORY

ACHIEV, I.P., and others. [Chardzhou; an historical and economical sketch] Chardzhou; istoriko-ekonomicheskii ocherk. Pod red. A.A. Rosliakova. Chardzhou, Turkmen'skoe izd-vo, 1964. 180 p. (CS-H)

AGURENKO, B.P. [Twelve] Dvenadtsat'. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1965. 60 p.

AKADEMIIA NAUK KAZAKHSTANSKOI SSR, Alma-Ata, Institut filosofii i prava. [History of the state and law of Soviet Kazakhstan] Istoriia gosudarstva i prava Sovetskogo Kazakhstana. Pod red. S.Z. Zimanova, M.A. Bldnera. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR. Vol. 3. 1938-1958 gody. 1965. 431 p.

AKADEMIIA NAUK MOLDAVSKOI SSR, Institut istorii. [History of the Moldavian S.S.R.; a textbook for secondary schools] Istoriia Moldavskoi SSR; uchebnoe posobie dlia srednei shkoly. Kishinev, Karla moldovenianske, 1965. 249 p.

AKADEMIIA NAUK SSSR, Institut istorii. [Complete collection of Russian chronicles] Polnoe sobranie russkikh letopisei, Moskva, Nauka. Vols. 9/10. [The Patriarch or Nikon chronicle] Patriarshala III Nikonovskaiia letopis'. 1965. 244 p.

AKADEMIIA NAUK SSSR, Institut istorii. [The peasant movement in Russia during the years of the First World War, July 1914-February 1917; a collection of documents] Krest'ianskoe dvizhenie v Rossii v gody Pervoi Mirovoi volny 1914 g.-fevral' 1917 g.; sbornik dokumentov. Red. A.M. Anfinov, Moskva, Nauka, 1965. 605 p. (Krest'ianskoe dvizhenie v Rossii v XIX-nachale XX veka)

AKADEMIIA NAUK SSSR, Institut slavjansovedeniia. [Internationalists in the struggle for the Soviet regime] Internationalisty v bolakh za vlast' Sovetov Moskva, Mysl', 1965. 397 p

AKADEMIIA NAUK URSR, Kiev, Institut istorii. [Documents on the liberation war of the Ukrainian people, 1648-1654] Dokumenty ob osvoboditel'noi volne ukrainskogo naroda 1648-1651 gg. Kiev, Naukova dumka, 1965. 824 p.

ARKUS, JOSEF. [Hero of three nations. Translated from the Hungarian] Gerol trekh narodov, Moskva, [Voen. izd-vo] 1964. 125 p. (CS-H)

BAGRAMIAN, N.S. [Crises in the "upper classes" during the period of the preparations for the 1861 reform based on the drafts and memoirs of the landowners. Author's abstract of a dissertation for the degree of Candidate of Historical Sciences] Krizis "verkhov" v period podgotovki reformy 1861 goda, po pismam i zapiskam pomeshchikov. Aytot sferat dissertatsii na soiskanie uchenoj stepeni kandidata istoricheskikh nauk. Nauchn rukovoditel' A.S. Nifontov Moskva, Mosk. gos. pedagog in-t, 1964. 19 p. [MICROFILM]

BALDAEV, K.K., and TS, G. SHANUSHKINA. [Heroes of socialist labor of Buryatia; biographies] Gerol soetsialisticheskogo truda Buriatii; biograficheski sbornik. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1964. 87 p. (CS-H)

BLIEV, M.M. [Ossetia in the first third of the 19th century] Osetiia v pervoi tret' XIX veka. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1964 171 p.

BORISKOVSII, P.I. [Newest achievements of Soviet archeology] Novieshie dostizheniia sovetskoi arkheologii. Leningrad, Ob-vo po rasprostraneniui polii i nauchn. znaniu RSFSR, 1959. 43 p. (ICU)

BRAICHEVSKYI, M.IU. [At the sources of the Slavic state; socioeconomic development of Chernyakhov tribes] Bilia dzherei slov'ians'koi derzhavnosti, soetsial'no-ekonomichnyi rozvytok cherniakhevs'kykh plomen, Kyiv, Naukova dumka, 1964 354 p. (NN)

BRIJUN, V.G. [The internal political struggle in Germany in the summer and fall of 1917] Vnutripolitcheskaiia bor'ba v Germanii letom i osen'iu 1917 goda. [Leningrad] Izd-vo Leningr. univ., 1965. 226 p.

BURSAKOV, N.A. [Solovetskaya Uprising, 1668-1676] Solovetskoe vosstanie, 1668-1676 gg. Petrozavodsk, Gos. izd-vo Karelo-Finskoi SSR, 1954. 65 p. (MnU)

CHUKOVSKI, K.I. [Contemporaries, portraits and sketches] Sovremenniki; portrety i etudy, Moskva, Molodina gvardia, 1963. 698 p. (Zhizn' zamchatel'nykh liudel; serlia biografii, no. 8(340)) (NeD)

CHURAKOV, N.D. [Vocation of Ivan Shapovalov] Prizvanie Ivana Shapovalova. Moskva, Sovetskaiia Rossiia, 1963. 76 p. (NIC)

DEMkina, L.A. [Collapse of the Federation of Rhodesia and Nyasaland] Krakh Federatsii Rodezii i N'iasalenda. Moskva, Nauka, 1965. 177 p.

DUBYN'S'KYI, I.V., and H.M. SHEVCHUK. [The Red Cossacks; an historical sketch] Chervone kozatstvo; istorychynyi narys. Kyiv, Polityvydav Ukrainy, 1965. 175 p.

EFREMOV, NIKOLAI. [Soldiers under the ground] Soldaty podzemel'ia. Tashkent, Ob'edinennoe izd-vo TsK Kompartii Uzbekistana, 1965. 55 p. (Biblioteka voennykh rasskazov)

FEDUKIN, S.A. [Soviet rule and bourgeois specialists] Sovetskaiia vlast' i burzhuaiznye spetsialisty. Moskva, Mysl', 1966. 253 p.

FEDOROV, A.G. [Till the last start] Do poslednego starta, Moskva, Voenizdat, 1965. 206 p. (Voennye memuary)

FILIPPOV, R.V. [The revolutionary populist organization of N.A. Ishtin and I.A. Khudilakov, 1863-1866] Revoliutsionnaia narodnicheskaiia organizatsiia N.A. Ishtina - I.A. Khudilakova (1863-1866). Petrozavodsk, Karelskoe knizhnoe izd-vo, 1964. 227 p.

[FOR CHILDREN ABOUT LENIN] Detiam o Lenine. 3., peier. i dop. izd. [Moskva, Izd-vo Malysh, " 1965] 46 p. (chiefly illus.)

GERASIMOV, G.A. [Partisan kilometers; reminiscences] Partizanskii kilometry, vospominaniia. Petrozavodsk, Karelskoe knizhnoe izd-vo, 1965. 150 p.

GERMANOV, A.P. [Approaching the dawn] Zare navstrechu, Petrozavodsk, Karelskoe knizhnoe izd-vo, 1964. 96 p. (NJP)

[IN THE FAMILY OF SOVIET PEOPLES; on the 25th anniversary of the establishment of the Soviet regime in Estonia] V sem'e sovetskikh narodov, k 25-letiiu vosstanovleniia Sovetskoi vlasti v Estonii. [By] O. Kuuli i dr. Moskva, Izd-vo "Znanie," 1965. 31 p. (Novoe v zhizni, nauke, tekhnike. I Seria: Istoriia, no. 18)

ISKHIZOV, M.D. [Riddles of the ancient kurgans] Zagadki drevnikh kurganov. [Saravov] Izd-vo Saratovskogo univ., 1961. 136 p. (MII)

KADESNIKOV, N.Z. [Short sketch of the struggle of the White Forces under St. Andrew's banner on the land, seas, lakes, and rivers of Russia in 1917-1922] Kratki ocherk Beloi Bor'by pod Andreevskim flagom na sushe, morakh, ozeakh i rekakh Rossii v 1917-1922 g.g. Izd. Avtora. New York, 1965. 108 p.

KARNAUKHOVA, O.E. [Account and verification of the presence and condition of documentary materials of the State Archive collection of the U.S.S.R.] Uchet, proverka naitchiiia i sostoiianiiia dokumental'nykh materialov gosudarstvennogo arkhivnogo fonda SSSR. Pod red. K.I. Rudel'son. Moskva, Mosk. gos. istoriko-arkhivnyi in-t, 1964. 82 p. (NNC)

KARPENKO, O.IU. [Imperialist intervention in the Ukraine, 1918-1920] Imperialistskaia interventsiia na Ukraini 1918-1920. [L'viv] Vyd-vo L'vivs'koho univ., 1964. 254 p.

KARPOV, VLADIMIR. [Missing in action; reminiscences of the war] Propavshii bez vesti; vospominaniia o volno, Tashkent, Ob'edinennoe izd-vo TsK Kompartii Uzbekistana, 1965. 38 p. (Biblioteka voennykh rasskazov)

KASIMENKO, A.K. [History of the Ukrainian S.S.R.; a popular outline] Istoriia Ukrainskoi SSR, popularnyi ocherk. Kiev, Naukova dumka, 1965. 487 p.

KAZANBIEV, M.A. [Outline history of the building of socialism in the Dagestan A.S.S.R., 1917-1937] Ocheiki istorii sovetskogo stroitel'stva v Dagestanskoi ASSR (1921-1937 gg.) Makhachkala, in-t istorii, iazyka i lit-ry, 1965. 122 p.

KHASANOV, KH.KH. [The 1905-1907 Revolution in Tataria] Revoliutsiia 1905-1907 gg. v Tatarii. Moskva, Nauka, 1965. 340 p.

KRIENKO, I.U.K. [Red flotilla] Krasnaiia flotilla. Moskva, Voenizdat, 1965. 62 p. (Gerolcheskoe proshloe nashoi Rodiny)

KLOPOV, E.V. [Lenin in the Smol'nyi; V.I. Lenin's activities in the government during the first months of Soviet rule, October 1917-March 1918] Lenin v Smol'nom; gosudarstvennaia delatel'nost' V.I. Lenina v pervye mesiatsy Sovetskoi vlasti, oktiabr' 1917 g.-mart 1918 g. Moskva, Mysl', 1965. 454 p.

KNYSH, ZYNOVII, comp. [Silver trumpet; reminiscences and materials on the deeds of the Ukrainian Military Organization] Sribna surma; spohady i materialy do diianiiia Ukrain's'koi vils'kovoii organizatsii. Toronto, Sribna surma [1963-] 1 v. (U)

KOBYLINA, M.M. [Miletus] Milet, Moskva, Nauka, 1965. 200 p. illus.

KOCHIASHVILI, M.I. [Georgian soldiers at the fronts of the Great Patriotic War, 1941-1945] Volny-gruziia na frontakh Velikoi Otechestvennoi volny (1941-1945 gg.). Tbilisi, Metanlerebe, 1965. 198 p. [In Georgian]

KOLESNIK, A.D. [Unfading glory of the defenders of Moscow] Nemerknushchala slava zashchitnikov Moskvy. Moskva, DOSAAF, 1964. 187 p. (CS-H)

- KONUKHOVSKI, V. V. [Partly during the period of foreign military intervention and the civil war, 1918-1920, consultations, methodological advice] Par-titsia v period inostranoi voennoi interentsii i grazh-danskoi volny 1918-1920 gody; konsultatsii, metodicheskoe soveti. [Moskva] Moskovskii sbornik, 1984. 141 p. (V pomoshch' izuchaiushchim istorii KPSS) (NeU)
- KORENEV, A. A. [Not for the sake of glory...; sketches about the fear less sons of Moldavia] Ne radi slavy...; ocherki o besstrashnykh synakh Moldavii. Kishinev, Karta moldovenaske, 1963. 91 p. (WU)
- KOROL'KOV, I. U. M. [A man, for whom there were no secrets (Richard Sorge)] Chelovek, dlia kotorogo ne bylo tain (Richard Zorge) Moskva, Politizdat, 1965. 236 p
- KOROVNIKOVA, N. I. [Beginning of the workers' movement and the dissemination of Marxism in Russia, 1883-1894] Nachalo rabochego dvizheniia i rasprostraneniie marksizma v Rossii (1883-1894 gg.) Moskva, Politizdat, 1965. 78 p. (Uchebno-metodicheskie posobitsia k izucheniiu istorii KPSS)
- KRUPSKAIA, N. K. [N. K. Krupskaya about Lenin; a collection of articles and speeches] N. K. Krupskaya o Lenine; sbornik statei i vystuplenii. [Moskva, Politizdat, 1966] 397 p. (MH)
- KSHENKOV, D. [Slanderers and falsifiers of the history of the peoples of Soviet Kazakhstan] Klevetniki i falsifikatory istorii narodov Sovetskogo Kazakhstana. Alma-Ata, Ob-vo po rasprostraneniui polit. i nauchn. znanii Kazakhskoi SSR, 1961. 31 p. [MICROFILM]
- [THE LAST ATTACK] Poslednii shliut m. Moskva, Politizdat, 1965. 277 p.
- LAZAREV, A. M. [Reunion of the Moldavian people into the single Soviet state] Vоссоединenie moldavskogo naroda v edinoe Sovetskoe gosudarstvo. Pod red. N. A. Mokhova. Kishinev, Karta Moldovenaske, 1965. 204 p.
- LEPESHKIN, VIKTOR [In the steppe near Kagul, reminiscences of a former border guard] V stepi pod Kagulom, vospominaniia byvshego pogranichnika. Kishinev, Karta moldovenaske, 1965. 115 p.
- [LETTERS FROM SOUTH VIETNAM. Translated from the Vietnamese] Pis'ma iz Iuzhnoi V'ietnama. Hanoi, Izd-vo lit-ry na inostr. yazykakh, 1964. 117 p.
- LOKHMANOV, L. M. [One more page] Esheche odna stranitsa. [Simferopol'] Krym, 1964. 131 p. (CSL-II)
- LUGOVOI, N. D. [Brothers in arms, a true story about partisans] Pobratimyi; partizanskaya byl'. Simferopol', Izd-vo "Krym," 1965. 477 p.
- LUTSKII, V. B. [Modern history of the Arab countries] Novaya istoriia arabikh stran. Moskva, Nauka, 1965. 371 p.
- [M. I. UL'YANOV, SECRETARY OF "PRAVDA"] M. I. Ul'ianova sekretar' "Pravdy." [Moskva] Izd-vo "Pravda," 1965. 338 p.
- MALYKH, E. IA. [20 years and three days] 20 let i tri dnia. Moskva, Znanie, 1965. 93 p.
- MARUNCHAK, M. H. [System of German concentration camps and the policy of extermination in Ukraine] Systema nimets'kikh kontsentratsionnykh lag'erov v Ukraini. Winnipeg, Zahal'na biblioteka "UKT," 1963. 87 p. map. (MID)
- MARX, KARL, and FRIEDRICH ENGELS. [Works. Translated from the German] Sochineniia, Izd. 2. Moskva, Izd-vo polit. lit-ry. Vol. 37. 1965. 599 p.
- MATVIEIKO, M. V. [Black deeds of the Foreign Branches of the Organization of Ukrainian Nationalists] Chorni spravys ZCh OUN. Kyiv, Vyd-vo Tovarystva kul'turnykh zh'v'zavkiv z ukraintsiamy za kordonom, 1962. 61 p. (CAOTU)
- MIRCHUK, PETRO. [For clarity in the positions of the Ukrainian Liberation Movement] Za chystotu pozitsii Ukrain's'koho vyzvol'noho rukhu. Munich, 1955. 184 p. (NN)
- MOSCOW. INSTITUT MARKSIZMA-LENINIZMA [V. I. Lenin, a brief biographical sketch] V. I. Lenin, kratki biografiicheski ocherk. Izd. 3. Moskva, Politizdat, 1965. 214 p
- MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Read and study the works of V. I. Lenin; reading plans and short lists of recommended literature] Chitaiite, izuchaiite proizvedeniia V. I. Lenina; plany chitienia i kratkie rekomendatsii nye apskli literatury. Moskva, Kniga, 1964. 77 p. (V pomoshch' chitatelnu, no. 4) (CSL-II)
- MUNKUEV, N. TS. [Chinese source on the first Mongolian Khan; an epitaph on the tomb of Yehliu Ch'u-te'ai] Translated from the Chinese. Kitaiskii istochnik o pervykh mongol'skikh khanakh; nadgrobnaii nadpis' na mogile Eluiu Chu-tsaia. Perevod i issledovanie. Moskva, Nauka, 1965. 221 p.
- NAZIMOVA, E. M. [The first day... V. I. Lenin in Petrograd on April 4, 1917] Pervyi den'..., V. I. Lenin v Petrograde 4 apreilia 1917 goda. [Leningrad] Lenizdat, 1965. 76 p.
- PAICHADZE, G. G. [Russian-Georgian relations from 1725 to 1736] Russko-gruzinskoe otnosheniia v 1725-1736 godakh. Tbilisi, Metsnereba, 1965. 170 p.
- PESHTICH, S. L. [Russian historiography of the 18th century] Russkaiia istoriografiia XVIII veka. [Leningrad] Izd-vo Leningr. univ. Pt. 2. 1965. 342 p
- PODLIASHUK, P. I. [Conrade Inessa, a documentary story] Tovariishch Inessa, dokumental'naii povest'. Izd. 2., dop. i ispr. Moskva, Politizdat, 1965. 244 p.
- PRUDNIKOV, M. S. [The eluders in action] Neulovimye delovtviu. Moskva, Voenizdat, 1965. 174 p. (Voennoye memuary)
- RAKHIMAT, ADKHAM. [Along the roads of triumph] Dorogami pobedi. Tashkent, Ob'edinennoe izd-vo TeK Kompartii Uzbekistana, 1965. 55 p. (Biblioteka kn voennykh isskuzov)
- ROSTOV-ON-DON. FINANSOVO-EKONOMICHESKII INSTITUT. Kafedra istorii KPSS i filosofii. [60th anniversary of the Second Congress of the Russian Social Democratic Workers' Party; a collection of scientific articles] 60-letii Vtorogo s'ezda RSDRP; sbornik nauchnykh statei. Rostov-na-Donu, Finansovo-ekon. in-t, 1963. 147 p. (MH)
- RUDZIANSKII, D. I. [Brothers of one family] Brat'ia sem'i odnoi. Ashkhabad, Turkmenskoe izd-vo, 1964. 82 p. (CSL-II)
- SERHENKO, H. IA. [People of heroic deeds; hero of the Great Patriotic War, Mykola Popudrenko] Liudyna podvylu, heroii Volikoi Vitchyznanoi vlny Mykola Popudrenko. Kyiv, Naukova dumka, 1964. 84 p. (CSL-II)
- SHAKOL'SKII, I. P. [The Norman theory in contemporary bourgeois science] Normanskaia teoriia v sovremennoi burzhuaznoi nauke. Moskva, Nauka, 1965. 210 p.
- SHUL'HA, I. H. [Social and economic relations and class struggle in Transcarpathia at the end of the 18th and the first half of the 19th century] Sotsial'no-ekonomich-ni vidnosyny i klasova borot'ba na Zakarpatti v knitsi XVIII-porshlii poloviny XIX st. [L'viv] Vyd-vo L'viv's'koho univ., 1965. 265 p.
- SHIVETSOV, S. D. [Tale of a devoted heart] Povest' o bezzavetnom serdtsi. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1965. 111 p.
- SMIRNOV, A. P., and N. V. TRUBNIKOVA. [Gorodets culture] Gorodetskaia kul'tura. Moskva, Nauka, 1965. 30 p. 21 plates insert. (Arkheologika SSSR; svod arkheologicheskikh istochnikov, no. D-1-14)
- SODOLEVA, P. I. [The struggle of the Bolsheviks against the Mensheviks and the Socialist Revolutionaries for Lenin's peace policy, November 1917-1918] Bor'ba bol'shevikov protiv men'shevikov i eserov za leninskuiu politiku mira (noabr') 1917-1918 gg. [Moskva] Izd-vo Mosk. univ., 1965. 191 p.
- SOKOLOV, V. D. [There will not be a halt; stories about heroes] Privala ne budet; rasskazy o geroiakh. Moskva, Voen. izd-vo, 1964. 173 p. (Biblioteka soldat i matorosa) (NIC)
- [SOVIET LATVIA IS 25 YEARS OLD] Sovietkol Latvii 25 let [By] A. IA. Pel'she idr. Moskva, Izd-vo "Znanie," 1965. 31 p. (Novoe v zhizni, nauche, tekhnike. I Seria: Istorii, no. 17)
- STARINOV, I. G. [Mines wait their hour] Miny zhduut svoego chasa. Moskva, Voenizdat, 1964. 222 p. (Voennoye memuary) (NJP)
- TARLE, E. V. [Outline of the history of the colonial policy of the West European states from the end of the 15th to the beginning of the 19th century] Ocherki istorii kolonial'noi politiki zapadnoevropeiskikh gosudarstv (konets XV-nachalo XIX v.). Moskva, Nauka, 1965. 426 p.
- [THEY WERE YOUR CONTEMPORARIES] Oni byli vashi sovetsniki. [Moskva] Molodaiia gvaia dila, 1965. 317 p.
- UL'IANOV, N. [The northern Talma; on the 150th anniversary of the taking of Paris by the Russians in 1814] Severnyi Tal'ma, k 150-letiiu vziatia russkimi Parizha v 1814 godu. Washington, D. C., V. Kamkin, 1964. 32 p. (RPB)
- VERBYNS'KII, M. V. [He's alive] Vin zhyvui. L'viv, Kamcniia, 1965. 76 p.
- VOLOSHYN, AVHUSTYN. [Memoirs; religious and nationalistic struggle of the Carpatho-Ruthenian Ukrainians against Hungarian chauvinism] Spomyny; religioinatsional'na borot'ba karpats'kikh rusyniv-ukraintsev proty madlars'koho shovinizmu. Philadelphia, Karpats'kii holos, 1959. 56 p. (MID)
- VYGODSKII, V. S. [History of one great discovery of Karl Marx (comments on the creation of "Capital")] Istoriia odnogo velikoi otkrytia Karla Marksa (k sozdanniu "Kapitala"). Moskva, Mysl', 1965. 198 p.
- WYCECH, CZESLAW. [Reminiscences, articles, studies. Translated from the Polish] Vospominaniia, statii, issledovaniia. Red. I. S. Miller. Moskva, Progress, 1965. 438 p.
- ZAKLYNS'KII, OLEKSI [Notes of the priest of Staryye Bogorodichany] Zapysky paroka Starykh Bohorodychan. 2., spraviene i dop. vyd. Toronto, Dobra knyzhka, 1960. 122 p. (Dobra knyzhka, no. 161) (InU)
5. SOCIAL SCIENCES
- AKADEMIIA NAUK GRUZINSKOI SSR. Tiflis. Institut ekonomiki i prava. [Problems of developing the national economy of Georgia and Transcaucasia] Voprosy razvitiia narodnogo khoziaistva Gruzii i Zakavkaz'ia. Tbilisi, Metsnereba, 1965. 87 p. [In Russian and Georgian]
- AKADEMIIA NAUK MOLDAVSKOI SSR. Institut ekonomiki. [Technical and economic indices on construction in the Moldavian S. S. R.; a visual aid in diagrams and figures] Tekhniko-ekonomicheskie pokazateli po stroitel'stvu v MSSR; nagladnoe posobie v diagrammakh i tsifrakh. Pod red. V. B. Bortnikova, T. I. Troiana i V. F. Chervinskogo. Kishinev, Karta moldovenaske, 1965. 105 p.
- AKADEMIIA NAUK MOLDAVSKOI SSR. Institut istorii. [Socialist reorganization of the agriculture of the Moldavian A. S. S. R., 1920-1937, documents and materials] Sotsialisticheskie pereustroistvo sel'skogo khoziaistva Moldavskoi ASSR (1920-1937 gg.), dokumenty i materialy. Sost. S. IA. Attenluk, K. V. Stratievskii, I. I. Terekhina. Kishinev, Karta moldovenas

- AKADEMIYA NAUK SSSR. Institut istorii. [Communist labor movement in U.S.S.R. industry, 1958-1963, a collection of documents and materials] Dvizheniye za kommunistscheskii trud v promyshlennosti SSSR, 1958-1963 gg., sbornik dokumentov i materialov. Moskva, Nauka, 1965. 412 p.
- AKADEMIYA NAUK SSSR. Institut Latinskoi Ameriki. [Chile, its politics, economy, culture] Chili, politika, ekonomika, kul'tura. Moskva, Nauka, 1965. 353 p.
- AKADEMIYA NAUK SSSR. Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii. [Changes in the economic structure of the countries of Western Europe] Izmeneniya v ekonomicheskoi strukture stran Zapadnoi Evropy. Moskva, Nauka, 1965. 433 p.
- AKADEMIYA NAUK URSR. Kiev. [Problems of the establishment of the foundations of a communist society] Problemy formirovaniya bazyso kommunisticheskogo suspi'tstva. Kyiv, Naukova dumka, 1965. 210 p. (Respublikans'kyi nizhivdomchyl zbirnyk)
- ALAEV, E. B. [Efficiency of the comprehensive development of an economic region] Effektivnost' kompleksnogo razvitiya ekonomicheskogo raiona. Moskva, Nauka, 1965. 172 p.
- ANASTASENKO, F. I. [On the main paths of the building of communism] Na glavnykh putyakh stroitel'stva kommunizma. Leningrad, Ob-vo "Znanie" RSFSR, 1965. 39 p.
- ANDREEV, B. S., and D. A. MARGOLIS. [Leningrad firms] Leningradskie firmy. [Leningrad] Lenzdat, 1965. 117 p. (NCU)
- ANUFRIEV, L. A. [Auditing committee on a collective farm] Revizionnaya komissiya v kolchoze [Kursk] Kurskoe knizhnoe izd-vo, 1963. 70 p. (NIC)
- ASTAKHOV, A. S., and E. G. SARATOVSKII. [Methods of selecting optimum variants in the overall design of the development of ore basins and the annual planning of the mining industry using linear programming] Metodika vybora optimal'nykh variantov pri kompleksnom proektirovani razvitiya bisseselov i godovom planirovani gornogo proizvodstva s pomoshch'yu lineinogo programmirovaniya. Moskva, Int-goinogo dela im. A. A. Shchekinsko, 1964. 38 p.
- BAGAEV, B. F., and I. M. CHUDINOVA. [Siberian Heavy Machinery Plant of the Order of the Red Banner of Labor] Ordenonosnyi "Sibizhmash" [Krasnoyarsk] Krasnoyarskoe knizhnoe izd-vo, 1964. 85 p.
- BEIZER, P., I. MOKAN, and N. TSVETAEV. [Payments for goods and services in the Moldavian Economic Region] Raschety za tovary i uslugi v Moldavskom ekonomicheskoi raione. Kishinev, Kartia moldoveniaske, 1965. 145 p.
- BOIARSKII, A. I., and others, eds. [Statistical dictionary] Statisticheskii slovar'. Moskva, Statistika, 1965. 706 p.
- BOTSVADE, T. D. [Social and economics relations in Kabardinia in the first half of the 19th century] Sotsial'no-ekonomicheskie otnosheniya v Kabarde v pervoi polovine XIX veka. Tbilisi, Metsniereba, 1965. 123 p.
- BUGAEV, E. I. [What you should know about the development of society] Chto nado znat' o razviti obshchestva. Moskva, Politizdat, 1965. 60 p. (V pomoshch' slushateliam politicheskikh shkol)
- CHERNICHENKO, I. D. [The compass needle] Strelka kompasa. Moskva, Politizdat, 1965. 150 p.
- CHERNYKH, V. P. [Effect of specialization upon the level of labor productivity] Vliyanie spetsializatsii na uroven' proizvoditel'nosti truda. Moskva, Ekonomika, 1965. 99 p.
- CHUNTULOV, V. T. [History of the national economy of the U.S.S.R., the pre-October period] Istoriya narodnogo khoziaistva SSSR, dooktobr'skii period. [Kiev] Izd-vo Klevskogo univ., 1964. 211 p.
- DEMCHUK, I. U. F., and B. M. IAREMCHYSHYN. [We are saving fuel power resources] Zashchadzhutemo energiyetchny resursy. Lviv, Kameniar, 1965. 98 p.
- DEMIN, O. L. [Against the green serpent; true stories about the harm caused by drunkenness] Protiv zelenogo zmia; navedumanno rasskazy o vrede p'ianstva. Moskva, Meditsina, 1964. 47 p. (Nauchno-populiarnaya meditsinskaya literatura)
- DIOMIDOV, B. B., and others. [Potentialities in rolling mill operations] Rezeivy prokannogo proizvodstva. Moskva, Metallurgiya, 1965. 95 p.
- DOBYCHINA, L. I. A. [Organization of postal communication] Organizatsiya pochtovoi svyazi. Izd. 3, peier i dop. Moskva, Svyaz', 1965. 286 p.
- DROGICHINSKII, N. E. [Organization of industrial management and planning at the present-day stage] Organizatsiya upravleniya promyshlennost'yu i planirovaniya na sovremennom etape. Moskva, Ekonomika, 1965. 150 p.
- EL'MEEV, V. I., V. R. POLOZOV, and B. R. RIA-SHCENKO. [Communism and overcoming the differences between intellectual and physical work] Kommunizm i preodolenie razdeleniya mezhdu umstvennym i fizicheskim trudem. [Leningrad] Izd-vo Leningr. univ., 1965. 142 p.
- FINOGEEV, P. V. [Analysis of the carrying out of the estimated expenditures of public institutions] Analiz ispolneniya smet rashchodov budzhethnykh uchrezhdenii. Moskva, Finansy, 1965. 146 p.
- [FOR THE AID OF THE BRIGADE LEADER AND WORKERS OF MIXED BRIGADES WORKING ON A BUSINESS ACCOUNTING BASIS IN CONSTRUCTION] V pomoshch' brigadiru i rabochim kompleksnykh khozraschetnykh brigad v stroitel'stvo. [By] V. I. Anufriev i dr. Minsk, Belarus', 1965. 245 p.
- [FOREIGN TRADE OF THE U.S.S.R. IN 1964, a statistical survey] Vneshniya torgovlya SSSR za 1964 god, statisticheskii obzor. Moskva, Vneshtorgizdat, 1965. 284 p.
- [FOURTH URAL ECONOMIC LECTURES DEDICATED TO THE 34th ANNIVERSARY OF THE BIRTH OF V. I. LENIN, APR. 22-24, 1963] Chetvertye Ural'skie ekonomicheskie chteniya, posviashchennye 93-i godovshchine so dnia rozhdeniya V. I. Lenina, 22-24 apr. 1963 goda, sbornik materialov. Ufa, Bashkirel gos. univ., 1964. 688 p. (CSR-H)
- GERTSENZON, A. A. [Introduction to Soviet criminology] Vvedenie v sovetskuyu kriminologiyu. Moskva, Urdicheskaya literatura, 1965. 226 p.
- GORYSHIN, P. I., and others. [Economic basis of new lumbering equipment] Ekonomicheskoe osnovaniye novoi lesozagotovitel'noi tekhniki. Moskva, Lesnaya promyshlennost', 1965. 109 p.
- GRAFSKII, M. G. [Our state farm is a profit-making farm] Nashi sovkhosy — rentabel'noe khoziaistvo. [Iz] oslavl', Volzhskoe-Volzhskoe knizhnoe izd-vo, 1965. 78 p.
- GRUNKIN, M. N. [Planning of production and managerial operations in an industrial enterprise] Planirovaniye proizvodstvenno-khoziaistvennoi delatel'nosti na promyshlennom predpriyatii. [Leningrad] Izd-vo Leningr. univ., 1965. 134 p.
- GUGUSHVILI, P. V. [Economic development of Georgia and Transcaucasia in the 19th-20th centuries; monographs] Ekonomicheskoe razvitiye Gruzii i Zakavkaz'ia v XIX-XK vv., monografiya. Tbilisi, Metsniereba, [in Georgian] Vol. 4. Book 1. 1965. 664 p.
- [HEROES OF LABOR] Mekhnat kakhramonlari. Toshkent, Uzbekiston nashrieti, 1964. 177 p. [in Uzbek]
- [HOUSING MANAGEMENT; concise handbook for workers in housing management, maintenance offices, housing offices, and communal housing departments] Upravlenie zhilishchnym khoziaistvom; kratkii spravochnik dlia rabotnikov domoupravlenii, zhilishchno-eksploatatsionnykh kontor, zhilishchnykh kontor, zhilishchno-kommunal'nykh otdelov. Moskva, Strolizdat, 1965. 242 p.
- IARMUKHAMEDOV, M. SH. [Economic geography of the Kazakh S.S.R.; student textbook for the faculties of natural history and geography of Kazakhstan pedagogical institutes] Ekonomicheskaya geografiya Kazakhskoi SSR; uchebnik dlia studentov estestvenno-geograficheskikh fakul'tetov pedagogicheskikh institutov Kazakhstana. Alma-Ata, Mektep, 1964. 240 p. illus., maps. (CSR-H)
- [IF YOU ARE AN ENGINEER...] Esli ty inzhener... [Larostavi], Verkhne-Volzhskoe knizhnoe izd-vo, 1964. 58 p.
- ISLAMOV, S. U. [Statistical study of the economic efficiency of new equipment in industry] Statisticheskoe izucheniye ekonomicheskoi effektivnosti novoi tekhniki v promyshlennosti. Moskva, Statistika, 1965. 73 p.
- IVANOVA, M. K. [On the roads to the complete social unity of the nation] Na shliakhakh purnoi sotsial'noi iednosti natsii. [Kyiv] Vyd-vo Kyiv'skoho univ., 1964. 57 p. (MII)
- KABARDINO-BALKAR A. S. S. R. Statisticheskoe upravlenie. [National economy of the Kabardin-Balkar A. S. S. R., a statistical abstract] Natsionalnoe khoziaistvo Kabardin-Balkarskoi ASSR, statisticheskii sbornik. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1964. 210 p.
- KAMENSKII, N. N. [Belgium; its economy and foreign trade] Belgia, ekonomika i vneshniya torgovlia. Moskva, Vneshtorgizdat, 1963. 163 p. (VU)
- KATRICH, A. T., and I. D. KURBATOV. [Business accounting practice within individual production units of a collective farm] Praktika vnutrikolkhoznoho khozrascheta. Moskva, Kolos, 1965. 109 p.
- KHOMIACHKOVA, T. [Serving again] Snova na sluzhbu. Alma-Ata, Kazakhskoe gos. izd-vo, 1964. 44 p.
- KIEV. TSENTRAL'NYI DERZHAVNYI ISTORYCHNYI ARKHIV. [Labor movement in the Ukraine during the years of a reaction, June 1907-October 1910, a collection of documents] Robitnychi i rukh na Ukraini v roky reaktsii (cheven' 1907 r. — zhovten' 1910 r.), zbirnyk dokumentiv. Kyiv, Naukova dumka, 1965. 333 p.
- KIRKE, S. I. [Problems of increasing labor productivity in Moldavia's machinery industry and metal working] Voprosy povysheniya proizvoditel'nosti truda v mashinostroeni i metalloobrabotke Moldavii. Pod red. K. I. Klimenko. Kishinev, Kartia Moldoveniaske, 1964. 135 p. (MII)
- KISTANOV, V. V. [Comprehensive development and specialization of the economy of economic regions] Kompleksnoe razvitiye i spetsializatsiya khoziaistva ekonomicheskikh raionov. Moskva, Ekonomika, 1965. 189 p.
- KOLBANOVSKII, V. N., and B. F. PORSHINEV, ed. [Problems of social psychology] Problemy obshchego stvennoi psikhologii. Moskva, Mysl', 1965. 469 p.
- KOMMUNISTA IFJÚSÁGI SZÖVETSÉG. [The youth of Hungary, Translated from the Hungarian] Ifjúság Vengii. Predl. Lalosha Mekhoshia. [Moskva] Molodaya gvardiya, 1965. 128 p.
- KOMMUNISTICHESKAYA PARTIYA SOVETSKOGO SOIUZA [Party in the struggle for the restoration of the national economy, 1921-1925, consultations, methodological advice] Partiya v bor'be za vosstanovlenie natsionalnogo khoziaistva, 1921-1925 gody; konsul'tatsii, metodicheskie sovery. [Moskva] Moskovskii rabochii, 1964. 174 p. (V pomoshch' izuchatushchim istoriyu KPSS) (NIC)
- KOMMUNISTICHESKAYA PARTIYA SOVETSKOGO SOIUZA. Vysshaya partiinaya shkola. [Economy of construction; a textbook] Ekonomika stroitel'stva, uchebnik. 4, perer i dop. izd. Moskva, Politizdat, 1965. 438 p.
- KOMOGORTSEV, I. I. [Large-scale chemical industries in Siberia] Bol'shaya khimiya Sibiri. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1964. 91 p.
- KOMOGORTSEV, I. I. [Outline history of ferrous metallurgy in Eastern Siberia; the pre-October period] Ocherki istorii chernoi metallurgii Vostochnoi Sibiri; dooktobr'skii period. Novosibirsk, Red.-izd. otdel Sibirskogo otd-niya AN SSSR, 1965. 214 p.
- KONONENKO, K. S. [Ukraine and Russia; socioeconomic foundation of the Ukrainian national idea, 1917-1930] Ukraina i Rossiya; sotsial'no-ekonomicheskii pldatny ukrains'koi natsional'noi idei 1917-1930. Munich, 1965. 635 p. (Munich, Ukrain's'kyi tekhnichno-hospodars'kyi instytut. Seriya: Monografiya, no. 1)
- KOVALENKO, E. V., and N. A. UDOVENKO. [Use of calculating machines in the standard method of accounting] Primeneniye schetnykh mashin pri normal'nom metode ucheta. Moskva, Finansy, 1965. 50 p.

- KRUPSKAYA, N.K. [The leader and his work with pioneers] O vozhatom i ego rabote s pionerami. [Moskva] Molodaja gvardiia, 1981. 223 p. (NcD)
- KRUTKOV, F.A. [Theoretical principles of determining the capacity of the market] Teoreticheskie osnovy opredeleniia emkosti ryinka. Moskva, Ekonomika, 1985. 158 p.
- KUDLAJ, O.S. [The working class of the Ukraine in the effort for the reconstruction and development of industry during the postwar period] Robitnychi klas Ukrainy'koï RSR u boi ot'by za vidbudovu i rozvytok promyslovosti v pislavoiennnyi period. Kyiv, Naukova dumka, 1985. 294 p.
- KUDRIAVTSEV, A.S., ed. [Labor economics in the U.S.S.R.] Ekonomika truda v SSSR. 3, ispi. i dop. izd. [Moskva] Profizdat, 1985. 654 p.
- KUNDIN, M.B. [Statistics of the coal industry] Statistika ugol'noi promyshlennosti. Pod red. G.I. Baklanova i V.V. Dzharidze. Moskva, Statistika, 1985. 119 p.
- LAVROVA, A.I. [Law of our life] Zakon nashei zhizni. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1983. 62 p. (CSI-II)
- LISOGOR, S.M., ed. [Experience in using graphic work schedules and electronic computers in construction and planning] Opyt primeneniia setevykh grafikov i EVM v stroitel'stve i proektirovani. Moskva, Tsentr. in-t nauchn. informatsii po stroitel'stvu i arkhit., 1984. 77 p. [MICROFILM]
- LITHUANIAN S.S.R. Centine statistikos valdyba. [25 years of Soviet Lithuania: a statistical abstract] Taiyba Lietuval 25 metai, statistikos duomenų rinkinys, Vilnius, Statistika, 1985. 263 p.
- LOPYREV, N.K. [Development of the theory of labor productivity] Razvitiie teorii proizvoditel'nosti truda. Moskva, Mysl', 1985. 191 p.
- LUHOVA, O.I. [Agricultural proletarian of the southern part of the Ukraine during the period of capitalism] Sli'skhopodrats'kyi proletariat pivdnia Ukrainy v period kapitalizmu. Kyiv, Naukova dumka, 1985. 189 p.
- MAEVSKII, V.V. [When skybearers are swaying] Kogda shhatutsia neboskreby. 2, dop. izd. Moskva, Politizdat, 1985. 238 p.
- MAKAROVA, M.F., ed. [Problems of the development of the economies of trade in the U.S.S.R.] Voprosy razvitiia ekonomiki torgovli v SSSR. Moskva, Mysl', 1985. 133 p.
- MALAKHOVA, V.R. [Operating characteristics of calculating machines and their use in telecommunication enterprises] Eksploatatsionnaia kharakteristika schetnykh mashin i ikh primenenie v khoziaistve svyazi. Moskva, Svyaz', 1985. 83 p. (Lektii po ekonomike svyazi)
- MALOV, I.U.A. [Libya; its economics and foreign trade] Livia; ekonomika i vnesheinaia torgovlia. Moskva, Vneshtorgizdat, 1985. 62 p.
- [MANUAL ON WAGES AND LABOR SAFETY FOR WORKERS IN THE FIELDS OF CULTURE AND ART] Spravochnik po voprosam oplaty i okhrany truda rabotnikov kul'tury i iskusstva. [Moskva, Profizdat, 1984. 191 p.
- MANZA, A.P. [Correlation between the growth of labor productivity and wages in industry in the Moldavian S.S.R.] Sootnoshenie rosta proizvoditel'nosti truda i zarabotnoi platy v promyshlennosti Moldavskoi SSR. Pod obshchei red. N.S. Maalovoi, Kishinev, Kartia moldoveniaske, 1985. 78 p.
- MAROUIS, A.L., and V.I. KANT. [Some labor legislation problems in the work of public health institutions] Nekotorye voprosy trudovogo zakonodatel'stva v rabote uchrezhdenii zdoravookhraneniia. Kishinev, Kartia moldoveniaske, 1984. 98 p. (CSI-II)
- MARKOV, N.V. [Man and production; a philosophical and economics essay] Chelovek i proizvodstvo; filosofsko-ekonomicheski ocherk. Moskva, Sovetskaja Rossiia, 1984. 158 p.
- MEL'NIK, V.S. [For the communist in every day life; from experience in educational work with workers in their homes] Za kommunisticheskoe v bytu, iz opyta vospitatelei'noi raboty s tuidashchimiia po mestu zhitel'stva. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1984. 37 p. (CSI-II)
- [THE MINING TERRITORY FLOURISHES] Rozkvitatie shakhtis'kyi kazai. Lviv, Kanoniar, 1985. 34 p.
- MOSCOW NAUCHNO-ISSEDOVATEL'SKII KON'TURNYI INSTITUT. [Foreign trade of the U.S.S.R.] Vnesheinaia torgovlia SSHA. Moskva, Vneshtorgizdat, 1985. 343 p.
- MOSCOW VSESOUZNYI ZACHINYI FINANSOVO-EKONOMICHESKII INSTITUT. [Planning of the national economy of the U.S.S.R.] Planirovanie narodnogo khoziaistva SSSR. Moskva, Ekonomika, 1985. 608 p.
- MUKHAMEDOV, KH. [Struggle of the Tajikistan party organization for the strengthening of collective farms, 1933-1935] Bor'ba partinai organizatsii Tadjikistana za ukreplenie kolhozov, 1933-1935 gg. Dushanbe, Tadjikskii gos. univ., 1983. 116 p. (NNC)
- [NATIONAL ECONOMY OF THE UKRAINIAN S.S.R. IN 1983; a statistical abstract] Narodna hospodarsvo Ukrainy'koï RSR v 1983 rotsi; statistychni shchorychnyk. Kyiv, Statistika, 1984. 653 p.
- NEMCHINOV, V.S. [Economic-mathematical methods and models] Ekonomiko-matematicheskie metody i modeli. [2, porer. i dop. izd.] Moskva, Mysl', 1985. 477 p.
- [1983 YEARBOOK ON THE AGRARIAN HISTORY OF EASTERN EUROPE] Ezhegodnik po agrarnoi istorii Evropy 1983 g. Vilnius, Mintis, 1984. 722 p.
- OMSK. INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Kafedra politicheskoi ekonomii. [Problems on political economy; aid for students of "Capital" by Karl Marx. Textbook for correspondence students] Zadachi po politicheskoi ekonomii; v pomoshch' izuchaiushchimi "Kapital" Karla Marksa. Metodicheskoe posobie dlia studentov zaochnogo otdeleniia. Omsk, 1984. 61 p. ilius., diagr. (CSI-II)
- [ORGANIZATION AND PLANNING OF WORK IN SHIP-REPAIRING ENTERPRISES] Organizatsii i planirovanie proizvodstva na sudostroitel'nykh predpriiatiakh. [By] D.D. Ben'kovskii i dr. Moskva, Transport, 1985. 289 p.
- ORLOV, V.I. [Future of Western Siberia] Budushchee Zapadnoi Sibiri. Moskva, Znaniie, 1981. 46 p. (DBC)
- OTSASON, R.A. [Business accounting incentives for using capital assets] Kozraschetnye stimuly ispol'zovaniia osnovnykh fondov. Moskva, Ekonomika, 1985. 111 p.
- OZHIGOV, E.P. [Chemistry in the Far East] Khimiiia na Dal'nom Vostoke. Vladivostok, Dal'nevostochnoe knizhnoe izd-vo, 1985. 93 p.
- PASHKEVICH, B.V. [Improving wage computation] Sovershenstvovanie raschetov po zarabotnoi plati. Minsk, [Nauka i tekhnika] 1985. 202 p.
- PASICHNYK, V.L. [Average wage rates and the cost of minutes per category] Sredni taryifnyi rozrady i rozradsna variat' khvylyn. Kyiv, Tekhnika, 1985. 109 p.
- PESHEKHONOV, I.U. V., and S.E. SHATALIN. [Branch structure of social production; on the analysis of the factors and structure of the correlation between subdivisions I and II] Otrazlovia struktura obshchestvennogo proizvodstva; k analizu faktorov i struktury sootnosheniia I i II podrazdelenii. Moskva, Ekonomika, 1985. 80 p.
- PLOKHIOV, A.A. [Establishing norms for working capital in an enterprise] Normirovanie oborotnykh sredstv na predpriatii. Moskva, Finansy, 1985. 66 p.
- POKROVSKII, A.I. [Practice against theory, new phenomena in the French economy and the ideological struggle] Praktika protiv teorii; novye yavleniia vo frantsuzskoi ekonomike i ideinaia bor'ba. Moskva, Mysl', 1985. 286 p.
- POLONSKII, E.P. [Production of mineral fertilizers] Proizvodstvo mineral'nykh udobrenii. [Moskva] Moskovskii rabochii, 1985. 69 p.
- [PRACTICE IN FINANCIAL WORK IN INDUSTRIAL ENTERPRISES] Opyt finansovoi raboty na promyshlennykh i podpriiatiakh. Moskva, Finansy, 1985. 153 p.
- [PRODUCTION, ACCUMULATION, AND CONSUMPTION] Proizvodstvo, nakoplenie, potreblenie. [By] V.G. Venzher i dr. Moskva, Ekonomika, 1985. 303 p.
- PROTS'KO, M.A. [Obliteration of class distinctions in the process of the building of communism] Stiranie klassovykh razlichii v protsesse stroitel'stva kommunizma. Moskva, Mysl', 1985. 109 p.
- PRYKHOD'KO, M.P. [Workers' housing in the Donets Basin] Zhylio robotnykiv Donbasu. Kyiv, Naukova dumka, 1984. 106 p. (MH)
- PYVOVAROV, L.O., and L.P. HRYN'. [Fundamentals of safety engineering] Osnovy tekhniki bezpeky. Kyiv, Radnashka shkola, 1985. 127 p.
- RADZHABOV, S.A., and M. SHUKUROV. [Trade unions of Soviet Tajikistan] Profsoyuz Sovetskogo Tadjikistana. [Moskva] Profizdat, 1984. 190 p. (InU)
- RASTORGUEV, V.S. [Finance and credit in the Democratic Republic of Vietnam] Finansy i kredit Demokraticheskoi Respubliki V'ietnam. Moskva, Finansy, 1985. 134 p.
- RUMIANTSEV, I.U.S. [Original accounting for the work of trucks] Pervichnyi uchet raboty gruzovykh avtomobilei. Moskva, Transport, 1985. 58 p.
- RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie goodozli i kharografi. [Railroads of the U.S.S.R.; routes and stations] Zheleznye dorogi SSSR; napravleniia i stantsii. Moskva, 1985. 150 p.
- RUSSIA (1923- U.S.S.R.) Sovet po izucheniiu proizvodnykh sil. [Research methods on the distribution of industry] Voprosy metodiki issledovaniia razmeshcheniia proizvodstva. Moskva, Nauka, 1985. 188 p.
- RUSSIA (1923- U.S.S.R.) Upravlenie prepodavaniiu obshchestvennykh nauk. [Program for the economics course for institutions of higher learning (250 hours)] Programma kursa politicheskoi ekonomii dlia vysshikh uchebnykh zavedenii (250 chasov). Moskva, Mysl', 1985. 44 p.
- SARATOV, UNIVERSITET. [Some aspects of the Marxist-Leninist theory and practice of the building of socialism; materials of the theoretical seminar for the graduate students of social science departments] Nekotorye voprosy marksistko-leninskoi teorii i praktiki sotsialisticheskogo stroitel'stva; materialy teoreticheskogo seminaru aspirantov kafedri obshchestvennykh nauk. Saratov, 1984. 2 v.
- SHVYRKOV, I.U.M. [Classification of branches in the national economic plan] Klassifikatsiia otaslai v narodnokhosiaistvennom plane. Moskva, Ekonomika, 1985. 140 p.
- SHVYRKOV, V.V. [Regularities in the consumption of industrial and food commodities] Zakonomernosti potrebieniia promyshlennykh i prodovol'stvennykh tovarov. Moskva, Ekonomika, 1985. 280 p.
- [SIBERIA DURING THE PERIOD OF THE BUILDING OF SOCIALISM AND TRANSITION TO COMMUNISM] Sibir' v period stroitel'stva sotsializma i perekhoda k kommunizmu. Novosibirsk, Red.-izd. otdei Sibir'skogo otdeleniia AN SSSR, No.3, [Industry and the labor class of Siberia in 1917-1981] Promyshlennost' i rabochii klas Sibiri v 1917-1981 gg. 1984. 108 p. (Materialy po istorii Sibiri)
- SLES', NIKOLAI. [According to the duty of conscience; from the experience of volunteer people's brigades of the Lithuanian S.S.R.] Po dolgu sovesti; iz opyta dobroyol'nykh narodnykh družin Litovskoi SSR. Vilnius, Gos. izd-vo nauchn. i polit. lit-ry Litovskoi SSR, 1984. 41 p. (CSI-II)
- SLESAREV, G.A. [Methodology for the sociological study of the population problems of the U.S.S.R.] Metodologia sotsiologicheskogo issledovaniia problem narodnasmeleniia SSSR. Moskva, Mysl', 1985. 158 p.

- SUSLOVA, N. D. [Credit for new equipment, procedure for issuing credit and computing economic efficiency] Kredit na novuyu tekhniku, porjadok kreditovaniya i ischisleniya ekonomicheskoy effektivnosti. Moskva, Finansy, 1965. 71 p. (Finansy promyshlennosti)
- SYDORENKO, V. P. [Along the path of great initiative] Shlakhom velikogo pochyna. Kyiv, Naukova dumka, 1965. 180 p
- [TALKS ON THE ECONOMICS OF STATE FARM PRODUCTION] Besedy po ekonomike sovkhosnogo proizvodstva. Moskva, Ekonomika, 1964. 299 p. (CSI-H) (NIC)
- [TIMETABLE OF SUBURBAN TRAINS. Moscow - Balashkha - Noginsk - Petushki] of the Moscow Railroad Summer 1965] Raspisanie dvizheniya po gorodnykh poezdov. Moskva - Balashkha - Noginsk - Petushki, Moskovskoi zh.d. Na leto 1965. Moskva, Transport, 1965. 63 p.
- [TO THE FRONTIERS OF PLENTY] K rubezham izobil'ia. Saransk, Mordovskoe knizhnoe izd-vo, 1963. 94 p. (CSI-H)
- TSELIKOVA, K. T. [Cultural and educational work in villages] Kul'turno-prosvetitel'naya rabota na sele. Minsk, Izd-vo "Belarus", 1964. 81 p.
- TVERDOKHIL, M. N. [Overall mechanization of accounting and planning work, and the improvement of management, as exemplified by a coal trust] Kompleksnaya mekhanizatsiya oblikovo-planovnykh roblit i vdoskonalennia upravleniya, na prikladi vuhil'nogo tresna. Kyiv, Tekhnika, 1965. 141 p.
- ULITSKI, L. I. [Economics of the coke by-product industry of the U. S. S. R.] Ekonomika koksokhimicheskoi promyshlennosti SSSR. [Moskva] Metallurgiya, 1964. 339 p. (NYP)
- VENZHER, V. G. [Use of the law of value in collective-farm production] Ispol'zovanie zakona stoimosti v kollektivnom proizvodstve. Izd. 2., ispr. i dop. Moskva, Nauka, 1965. 346 p.
- VIATKIN, M. P. [Mining and metallurgical industries of the Urals in 1909-1917] Gornozavodskii Ural v 1909-1917 gg. Moskva, Nauka, 1965. 398 p.
- VLADIMIRSKII, B. D. [Control of production, managerial and financial operations of a metallurgical plant] Kontrol' proizvodvennoi i khozjaistvenno-finansovoi delatel'nosti metallurgicheskogo zavoda. Moskva, Metallurgiya, 1964. 127 p.
- VORONKOV, I. I., P. V. BARAKOVSKAIA, and N. P. SEDELEV. [Practice in the organization of economic work at the Ural Machinery Plant] Opyt organizatsii ekonomicheskoi raboty na Uralmashzavode. Moskva, Ekonomika, 1965. 160 p
- VSESOUZNAIA KONFERENTSIIA PO NAUCHNOI ORGANIZATSII TRUDA. 2d, Moscow, 1924. [Scientific organization of labor; materials of the Second All-Union Conference on the Scientific Organization of Labor, March 1924] Nauchnaya organizatsiia truda; materialy Vtoroi Vsesouznoi konferentsii po nauchnoi organizatsii truda, mart 1924 g. Moskva, Mysl', 1965. 78 p. (CSI-H)
- VURDOV, I. I. [People's guard is a reliable guard] Strazh narodnyi - strazh nadezhnyi. Syktyvkar, Komi knizhnoe izd-vo, 1964. 41 p. (NSyU)
- ZALMANOVA, M. E. [Economics of construction in questions and answers] Ekonomika stroitel'stva v voprosakh i otvetakh. 2., dop. i perer. izd. Moskva, Polizdat, 1965. 254 p.
- ## 6. POLITICAL SCIENCE
- AKADEMIA NAUK SSSR. Institut Latinskoj Ameriki. [Political parties of the countries of Latin America] Politicheskie partii stran Latinskoj Ameriki. Moskva, Nauka, 1965. 317 p.
- AKSELI'ROD, G. S. [Wandering shadows] Bluzhdalushchie teni. Alma-Ata, Kazakhstan, 1964. 181 p. (CSI-H)
- [ALWAYS WITH PEOPLE, from experience in the work of departmental party organizations and party groups of the city of Petrozavodsk] Vsegda s ljud'mi, iz opyta raboty tsekhovykh partinykh organizatsii i partigrupp gor. Petrozavodsk. Petrozavodsk, Karelskoe knizhnoe izd-vo, 1963. 59 p. (CSI-H)
- BREZHNEV, L. I. [Speech at the Plenum of the Central Committee of the CPSU on September 29, 1965] Rech' na Plenumu TSK KPSS 29 sentyabrya 1965 goda. Moskva, Politizdat, 1965. 30 p
- BURAK, P. N. [Shoulder to shoulder with the people] Razom z narodom. L'viv, Kameniar, 1964. 61 p.
- [CHITA PROVINCE; administrative territorial division as of July 1, 1963] Chitinskaya oblast'; administrativno-territorial'noe delenie na 1 iul'ia 1963 goda. [Chita] Chitinskoe knizhnoe izd-vo, 1963. 84 p. (NIC)
- DMITRIY, BOR., and BOR. PAVLOV [The U. N. is 20 years old] OON - 20 let. Moskva, IMO, 1965. 58 p.
- DOVATUR, A. I. [Aristotle's Politics and Poetics] Politika i Poetika Aristotela. Moskva, Nauka, 1965. 388 p.
- EFENDIEV, A. M. [Participation of workers in the government of the Soviet state] Sovet doloitoin idae edlinesinde zehmetkashlerin ishliak. Baky, Azerbajdzhani Dvlet neshirlyaty, 1964. 80 p. [In Azerbajdzhani]
- FEDOROV, V. N. [U. N. Security Council] Sovet Bezopasnosti OON. Moskva, Mezhdunarodnye otnosheniya, 1965. 186 p.
- FOKEEV, G. V. [They do not want to leave, British colonialism in Africa after the Second World War] Oni ne khotiat ukhodit'; angliiskii kolonializm v Afrike posle Vtoroi Mirovoi volny. Moskva, IMO, 1965. 290 p.
- [FOREIGN POLICY OF THE U. S. S. R.; a textbook] Vneshnaya politika SSSR, uchebnoe posobie. Izd. 2., perer. i dop. Moskva, Politizdat, 1965. 290 p.
- GLAGOLEV, V. F. [Why the battle between the two ideologies is becoming more intensive] Pochemu obostreetsya bor'ba dvukh ideologii. Moskva, Politizdat, 1964. 46 p.
- [HISTORY OF DIPLOMACY] Istoriya diplomatii. Izd. 2., perer. i dop. Pod red. A. A. Gromyko i dr. Moskva, Politizdat. Vol. 3. [Diplomacy in the first stage of the general crisis in the capitalist system] Diplomatiya na pervom etape obshchego krizisa kapitalisticheskoi sistemy. [By] S. I. Vygodskii i dr. 1965. 831 p.
- IVANOV, K. A., comp. [Flags of the states of the world] Flagi gosudarstv mira. Moskva, Transport, 1964. 60 p. illus.
- KERIMBAEV, SH. K. [Organizational work of the party organizations of Kirghizia in the consolidation of collective farms by qualified workers] Organizatsiia rabota partinykh organizatsii Kirgizii po ukrepleniiu kollektivov kvalifikirovannymi kadrami. Frunze, Kirgizskoe gos. izd-vo, 1964. 71 p.
- KHODOLATOV, G. A. [Truth against lies] Pravda protiv lzh. Tashkent, "Uzbekistan", 1964. 202 p. (CSI-H)
- KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Tsentral'nyi Komitet. Plenum, Sept. 1965. [On the convocation of the regular 23d Congress of the CPSU. On the improvement of industrial management; improvement of planning, and intensification of the economic stimulation of industrial production; decrees of the Plenum of the Central Committee of the CPSU adopted on September 29, 1965] O sozyve ocherednogo XXIII s'ezda KPSS. Ob uluchshenii upravleniya promyshlennost'iu, sovershenstvovanii planirovaniia i ustaniui ekonomicheskogo stimulirovaniia promyshlennogo proizvodstva; postanovleniya Plenuma TsK KPSS, printaty 29 sentyabrya 1965 goda. Moskva, Politizdat, 1965. 14 p.
- KRAVCHENKO, A. E. [Discussions on the primary organizations of the CPSU] Besedy o pervykh organizatsiakh KPSS. [Moskva] Mosk. rabochii, 1965. 369 p.
- L'VOV. UNIVERSYTET [Collection of works by graduate students of the Department of History of the CPSU] Zbirnyk robit aspirantiv Kafedry Istorii KPSS. [L'viv] 1963. 126 p.
- MOSCOW. AKADEMIA ODSHCHESTVENNYKH NAUK. [Activities of the organs of party-state control to improve the state apparatus (from the 12th to the 16th Party Congress), a collection of documents] Delatel'nost' organov partino-gosudarstvennogo kontrolya po sovershenstvovaniiu gosudarstvennogo apparata (ot XII do XVI s'ezda partii), sbornik dokumentov. Moskva, Mysl', 1964. 334 p.
- RIABCHUK, G. F. [Settlement soviet of worker's deputies] Poselkovyi Sovet deputatov trudiaschicheskia. Moskva, Iuridicheskaya literatura, 1965. 64 p.
- ROSSIISKAAIA SOTSIAL-DEMOKRATICHESKAIA RABOCHAIJA PARTIJA. S'ezd, 2d, Brussels and London, 1903. [Second session of the Russian Social Democratic Workers' Party, July-August 1903; minutes] Vtoroi s'ezd RSDRP Iul'-avgust 1903 goda, protokoly. Moskva, In-t marksizma-leninizma, 1959. xx, 850 p. (NN)
- ROSTOV-ON-DON (Province). Oblastnoi ispolnitel'nyi komitet. [Rostov Province, administrative and territorial division as of September 1, 1964] Rostovskaya oblast'; administrativno-territorial'noe delenie na 1 sentyabrya 1964 goda. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1964. 203 p.
- [R. S. F. S. R.; administrative and territorial divisions as of May 1, 1965] RSFSR; administrativno-territorial'noe delenie na 1 maia 1965 goda. Moskva, Izd-vo Izvestiia Sovetov deputatov trudiaschicheskia SSSR, 1965. 446 p.
- RUSSIA (1917- R. S. F. S. R.) Verkhovnyi Sovet. [Meetings of the fifth session of the Sixth Supreme Soviet of the R. S. F. S. R., July 8-9, 1965. Verbatim report] Zasedaniia Verkhovnogo Soveta RSFSR shestogo sozyva, piatnna sessiia (8-9 iul'ia 1965 g.). Stenograficheski otchet. [Moskva] Izd. Verkhovnogo Soveta RSFSR, 1965. 213 p.
- SEMEV, N. M. [Approachement of nations in the course of communist building] O sblizhenii natsii v khode kommunisticheskogo stroitel'stva. Cheboksary, Chuvashskoe knizhnoe izd-vo, 1964. 82 p. (CSI-H)
- SEMLIANKO, D. A. [The prop of the soviets] Opora rad. L'viv, Kameniar, 1965. 37 p.
- SHAGIN, A. P. [Nonstaff instructor of a party committee] Vneshtatnyi instruktor partynogo komiteta. Sverdlovsk, Sredne-Uralskoe knizhnoe izd-vo, 1964. 44 p. (CSI-H)
- SHEVELEV, A. G. [Solidarity of peoples in the struggle for peace] Solidarnost' narodov v bor'be za mir. [Leningrad] Lenzdat, 1963. 54 p. (CSI-H)
- SHEVTSOV, V. S. [Soviet citizenship] Sovetskoe grazhdanstvo. Moskva, Iuridicheskaya literatura, 1965. 64 p.
- [STRIDE FORWARD, COMMUNIST YOUTH LEAGUE GENERATION; outline history of the Kuybyshev Communist Youth League] Shagal vpered, komсомоль'skoe plemia; ocherki istorii Kulbyshhevskogo Komсомола. [Kuibyshev] Kulbyshskoe knizhnoe izd-vo, 1964. 410 p. (CSI-H)
- TRUONG-CHINH. [Forward under the party banner! Translated from the Vietnamese] Vpered, pod znamenem partii Hanol, Izd-vo lit-ry na inostr.azykakh, 1963. 136 p.
- UKRAINE. Verkhovna rada. [Meetings of the Supreme Soviet of the Ukrainian S. S. R. The fifth anniversary session of May 22, 1954. Verbatim report] Zasedaniia Verkhovnoi rady Ukrainy kol RSR. P'iata, lyviltolna sessiia 22 travnia 1954 r. Stenografichnyi zvit. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1954. 156 p. (NN)
- ZHIGALOV, I. I. [The movement of supporters of peace in Great Britain] Dvizhenie stononnikov mira v Velikobritanii. Moskva, Znanie, 1965. 36 p. (Novoe v zhizni, nauke, tekhnike, VII Seria: Mezhdunarodnaya, no. 18)

ZHUKOV, V. G., and V. V. LISTOV. [Colonel Rid (?) returns to Santo Domingo] Polkovnik Rid vozvrashchaetsia v Santo-Domingo, Moskva, Politizdat, 1965. 125 p.

ZORIN, V. A., and G. I. MOROZOV, eds. [The U.N. and current international problems on the 20th anniversary of the U.N.] OON i aktual'nye mezhdunarodnye problemy, k 20-letiu OON. Moskva, Mezhdunarodnye otnosheniia, 1965. 363 p.

7. LAW

AKADEMIIA NAUK SSSR. Institut gosudarstva i prava. [Democratic foundations of Soviet socialist justice] Demokraticheskie osnovy sovetskogo sotsialisticheskogo pravosudiia. Pod red. M. S. Strogovicha, Moskva, Nauka, 1965. 309 p.

AKADEMIIA NAUK URSSR. Kiev. Sektor derzhavy i prava. [570 questions and answers on Soviet law; law manual for the population] 570 voprosov i otvetov po sovetskemu zakonodatel'stvu, iuridicheski spravochnik dlia naseleniia. Kiev, Naukova dumka, 1965. 501 p.

FEDOTOVSKAIA, Z. A. [Housing construction in rural areas, legal problems] Zhilishchnoe stroitel'stvo v sel'skoi mestnosti; pravovye voprosy. Moskva, Iuridicheskaiia literatura, 1965. 105 p.

IOFFEL, O. S., and I. K. TOLSTOI. [The new Civil Code of the R. S. F. S. R.] Novyi grazhdanskii kodeks RSFSR. [Leningrad] Izd-vo Leningr. univ., 1965. 447 p.

KASHAPOV, V. P. [People's court guarding socialist legality] Nai odnyi sud na sluzhu sotsialisticheskoi zakonosti. Moskva, Iuridicheskaiia literatura, 1965. 71 p.

KISELEV, I. A., and A. A. ABRAMOVA, eds. [Procuratorial supervision over the observance of labor laws] Nadzor prokuratury za sobludeniem trudovogo zakonodatel'stva. [Moskva] Izd-vo Mosk. univ., 1965. 147 p.

KUNIK, I. A. [Fundamentals of Soviet labor law and civil procedure] Osnovy sovetskogo trudovogo prava i grazhdanskogo protsesssa. Moskva, Iuridicheskaiia literatura, 1965. 205 p.

MOLDAVIAN S. S. R. Laws, statutes, etc. [Civil Code of the Moldavian S. S. R.] Grazhdanskii kodeks Moldavskoi SSR. Kishinev, Partinoe izd-vo TsK KP Moldavii, 1965. 247 p.

MOLDAVIAN S. S. R. Laws, statutes, etc. [Civil Code of the Moldavian S. S. R.] Kodul civil al RSS Moldovenesti. Kishinev, Editura de partid a comitetului central al PK al Moldovei, 1965. 205 p. [In Moldavian and Russian]

MOLDAVIAN S. S. R. Laws, statutes, etc. [Civil Procedure Code of the Moldavian S. S. R.] Grazhdanskii protsessual'nyi kodeks Moldavskoi SSR. Kishinev, Partinoe izd-vo TsK KP Moldavii, 1965. 414 p. [In Moldavian and Russian]

MOLDAVIAN S. S. R. Laws, statutes, etc. [Civil Procedure Code of the Moldavian S. S. R.] Kodul de procedura civila al RSS Moldovenesti. Kishinev, Editura de Partid a Comitetului Central al PK al Moldovei, 1965. 216 p. [In Moldavian]

MOLDAVIAN S. S. R. Laws, statutes, etc. [Statute on the standing committees of district, municipal, village and settlement soviets of workers'] deputies of the Moldavian S. S. R. Approved by the Decree of the Presidium of the Supreme Soviet of the Moldavian S. S. R. of July 8, 1967. Polozhenie o postoiannykh komissiiakh i ionnykh, gorodskikh, sel'skikh i poselkovykh Sovetov deputatov trudiashechikhia Moldavskoi SSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Moldavskoi SSR ot 8 Iul'ia 1967 goda. Kishinev, Partinoe izd-vo TsK KP Moldavii, 1966. 31 p.

PEROV, L. V. [Automobile thieves; notes of an investigator] Pokhitteli avtomobilei; zapiski sledovatel'a. Simferopol', Izd-vo "Krym," 1965. 118 p.

PRUSAKOV, N. S. [People's judge] Narodnyi sud'ia. Moskva, Iuridicheskaiia literatura, 1965. 46 p.

ROZANTSEV, S. N. [One hundred replies to questions on housing law] Sto otvetov na voprosy po zhilishchnomu zakonodatel'stvu [Moskva] Profizdat, 1965. 127 p.

RUSSIA (1917- R. S. F. S. R.) Laws, statutes, etc. [Statute on elections to district (municipal) courts of the R. S. F. S. R. Approved by the Decree of the Presidium of the Supreme Soviet of the R. S. F. S. R. of October 28, 1960. As amended and supplemented by the Decree of the Presidium of the Supreme Soviet of the R. S. F. S. R. of September 22, 1965] Polozhenie o vyborakh raionnykh (gorodskikh) narodnykh sudov RSFSR. Uverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta RSFSR ot 28 oktiabria 1960 goda. S izmeneniami i dopolneniami, vnesennymi Ukazom Prezidiuma Verkhovnogo Soveta RSFSR ot 22 sentabria 1965 goda. Moskva, Sovetskaiia Rossiia, 1965. 15 p.

RUSSIA (1923- U. S. S. R.) Laws, statutes, etc. [Fundamental criminal law of the U. S. S. R. and the Union Republics] Osnovy ugovolnogo zakonodatel'stva Soiuza SSR i soluznykh respublik Moskva, Iuridicheskaiia literatura, 1965. 24 p.

RUSSIA (1923- U. S. S. R.) Laws, statutes, etc. [Fundamental law on the administration of criminal justice of the U. S. S. R. and the Union Republics] Osnovy ugovolnogo sudoprotivodstva Soiuza SSR i soluznykh respublik. Moskva, Iuridicheskaiia literatura, 1965. 30 p.

VERDNIKOV, V. G., and A. I. KABALKIN. [New civil codes for the union republics] Noveye grazhdanskii kodeksy soluznykh respublik. Moskva, Iuridicheskaiia literatura, 1965. 131 p.

YUGOSLAVIA. Constitution. [Draft constitution of the Federal Socialist Republic of Yugoslavia] Projekt konstitutsii Federativnoi Sotsialisticheskoi Respubliki Iugoslavii. Beograd, Soluz ob'edineniih kuzistov Iugoslavii, 1962. 86 p.

ZVEREV, A. G. [Handbook on the problems of labor law for construction workers and workers of building material plants] Pamiatka po voprosam trudovogo zakonodatel'stva dlia rabochikh stroitel'stva i predpriiati stroitel'nykh materialov. Moskva, Stroiizdat, 1965. 68 p.

8. EDUCATION

[ART OF TRAINING; aid for school supervisors on the methods of communist education for production foremen] Iskusstvo vospitaniia; v pomoshch' i rukovoditeliam shkol po metodike kommunisticheskogo vospitaniia dlia masterov proizvodstva. [Moskva] Moskovskii rabochii, 1965. 269 p.

BERGMAN, B. I., ed. [Skiing] Lyzhnyi sport. Moskva, Fizkul'tura i sport, 1965. 463 p.

DOROKHOVA, G. A. [Administration of public education in the U. S. S. R.] Upravlenie narodnym obrazovaniem v SSSR. Moskva, Iuridicheskaiia literatura, 1965. 177 p.

[FANFARES SOUND OVER INNSBRUCK] Nad Insbrukom zvuchat fanfary. Moskva, Fizkul'tura i sport, 1964. 287 p.

[HANDBOOK FOR STUDENTS REGISTERING IN 1965] Spravochnik dlia postupatushchikh v 1965 godu. [Leningrad] Izd-vo Leningr. univ., 1965. 222 p.

KADYROV, I. K. [Public education of Soviet Uzbekistan] Narodnoe obrazovanie Sovetskogo Uzbekistana. Tashkent, Uzbekistan, 1964. 81 p. (CSI-II)

KULESHOV, A. P. [Aleksandr Lugovoi won] Pobedit Aleksandr Lugovoi. Moskva, Fizkul'tura i sport, 1964. 237 p. (MH)

MASLOV, V. I. [Basic training in swimming] Nachal'noe obuchenie plavaniiu. Moskva, Fizkul'tura i sport, 1965. 183 p.

NATANZON, E. SH. [Methods of pedagogical influence over students; aid for students of pedagogical institutes and teachers] Primery pedagogicheskogo vozdeistviia na uchashchikhsia; posobie dlia studentov pedagogicheskikh institutov i uchitelei. Kishinev, Kartia moldovenaske, 1965. 210 p.

NEISHTADT, I. A. I. [Accepted queen's gambit] Priinial'nyi ferzevii gambit. Moskva, Fizkul'tura i sport, 1965. 198 p.

RACHINSKII, S. A. [Rachinskii and his school] Rachinskii i ego shkola, sbornik statei. Jordanville, N. Y., Holy Trinity Monastery, 1956. 84 p. (KU)

SUETIN, A. S. [How to make an opening] Kak igrat' debiut. Izd. 2., ispr., 1. dop. Moskva, Fizkul'tura i sport, 1965. 76 p. (Biblioteka nachinalushchego shakhmatista)

[TRAINING OF YOUNG SKIERS; textbook for the trainers of children's and adolescents' athletic groups] Podgotovka lyuzhnykh lyzhnikov; uchebnoe posobie dlia trenirov deteskhkh i iunoshekhkh sportivnykh kolektivov. Moskva, Fizkul'tura i sport, 1965. 322 p.

ZHURAVLEV, E. P. [Gymnastics for the middle aged and elderly] Gimnastika dlia liudei srednego i pozhilogo vozrasta. Moskva, Fizkul'tura i sport, 1965. 118 p. (Gimnastika dlia vsehkh)

9. MUSIC, THEATER & MOTION PICTURES

[ABOUT KOMISSARZHEVSKAIA, The forgotten and the new, reminiscences, articles, letters] O Komissarzhevskoi, zabytie i novoe. Vospominaniia, stat'i, pis'ma. Moskva, Vseros. teatral'noe ob-vo, 1965. 300 p.

BEK-NAZAROV, A. I. [Notes of an actor and motion-picture producer] Zapiski aktera i kinorezhissera. Moskva, Iskusstvo, 1965. 269 p. illus

BODYK, L. O. [Sources of great motion pictures; reminiscences of A. P. Dovzhenko] Dzherela velykoho kino; spohady pro O. P. Dovzhenka. Kyiv, Radias'kii pismennyk, 1965. 156 p.

BOROVYK, M. K. [Works of Andrii Shtoharenko] Tvoichit' Andriia Shtoharenka. Kyiv, Naukova dumka, 1965. 190 p.

BUKHNIKASHVILI, G. [Essays on the theater] Stat'i o teatre. Tbilisi, Lii-ra da Kholovnoba, 1964. 280 p. [In Georgian] (MI)

CHERNAIA, E. S. [Austrian musical theater up to Mozart] Avstriiskii muzykal'nyi teatr do Moizarta. Moskva, Muzyka, 1965. 168 p.

DEMIDOV, N. V. [Art of living on the stage; from the experiences of a theatrical pedagogue] Iskusstvo zhit' na stsenie; iz opyta teatral'nogo pedagoga. Moskva, [Iskusstvo] 1965. 382 p.

FEINBERG, S. E. [Plianism as an art] Pianizm kak iskustvo. [Moskva] Muzyka, 1965. 515 p.

FIL'TS, B. M. [Choral arrangements of Ukrainian folk songs; creative principles of song arrangement by Soviet composers] Khorovi obrabky ukrains'kykh narodnykh pisen', tvorechi prynitsypy opratsiuvanniia pisen' radius'kymy kompozytoramy. Kyiv, Naukova dumka, 1965. 133 p.

FINK, L. A. [With and without make-up] V grime i bez grima. [Kulbyshev] Kulbyshevskoe knizhnoe izd-vo [1965] 233 p. (Aktiary nashego teatra)

GOLUBEV, P. V. [Advice to young vocal teachers] Sovety molodym pedagogam-vokalistam. [2. izd.] Moskva, Gos. muzykal'noe izd-vo, 1963. 85 p. (V pomoshch' pedagogu-muzykantu) (KU)

IURENEV, R. N. [Cannes, Moscow, Venice; motion-picture festivals of 1963] Kan, Moskva, Venetsiia, kinofestivali 1963. [Moskva, Iskusstvo, 1964] 232 p. (NTC)

IUSUFBEILI, TAMILLA. [Shakespeare on the stage of the M. Azizbekov Azerbaijan State Academic Drama Theater] Shekspir na stsenie Azerbaidzhanskogo Gosudarstvennogo Akademicheskogo ordena Trudovogo Kraenogo Znamenat dramaticheskogo teatra im. M. Azizbekova. Baku, Azerbaidzhanskoe teatral'noe ob-vo, 1964. 189 p. (MI)

KOMAROVSKAYA, N. I. [Seen and experienced, from the reminiscences of an actress] Vidennoe i perezhivaniye; iz vospominaniy aktrisy. Leningrad, Iskustvo, 1965. 239 p. illus.

KONCHALOVSKAYA, N. P. [A song gathered in my flat] Pesnia, sobrannaya v kulak. [Moskva] Moskovskii rabochii, 1965. 100 p.

KULIKOVICH, MIKOLA. [Soviet White Russian opera] Belarusskaya savetskaya opera. Munich, 1957. 126 p. (Institut zur Erforschung der UdSSR, Dos'ledy i mater'ialy, seriya 2 (ratatsyniya vydan'ni), no. 60) (KU)

LAPKINA, G. A. [Pushkin on the playbill] Na afisha - Pushkin. Leningrad, Iskustvo, 1965. 157 p.

MARKOV, P. A. [Truth of the theater] Pravda teatru; stat'i. Moskva, Iskustvo, 1965. 530 p.

MICHALEK, BOLESŁAW. [Notes on Polish motion pictures. Polish cinematographers about themselves. Translated from the Polish] Zametki o pol'skom kino. Pol'skie kinematografisty o sebe [By] Stanisław Lantiski. [Moskva, Iskustvo, 1964] 302 p. illus. (MH)

MIKHAILOV, M. K., ed. [Shakespeare and music] Shekspir i muzyka. Leningrad, Muzyka, 1964. 318 p. (GU)

RUDNEVA, A. V., comp. [Folk songs of Moscow Province] Narodnye pesni Moskovskoi oblasti. Zapisi, sostavlenie, predislovie i primechania A. Rudnevoi. Moskva, Izd-vo Muzyka, 1964. 115 p. (NeU)

[RUSSIAN DRESS FROM 1750 TO 1917 IN 5 NUMBERS; materials for the staging of Russian plays from the time of Fonvizin to Gorkii] Russkii kostium 1750-1917 v plati vypuskakh; materialy dlia sizenicheskikh postanovok russkoi dramaturgii ot Fonvizina do Gorkogo. Moskva, Vsesoy. teatral'noe ob-vo. No. 4. Ryndin, V., ed. [Russian dress from 1670 to 1890] Russkii kostium 1670-1890. 1965. 162 p. illus.

SAMVELIAN, L. O. [Shakespeare in the Armenian theater; the pre-Soviet period] Shekspir v armianskom teatre; dosovetskii period. Erevan, Akad. nauk Armianskoi SSR, 1961. 20 p. (MH)

SHCHUKIN, B. V. [Doris Vasil'evich Shchukin; articles, reminiscences, materials] Doris Vasil'evich Shchukin; stat'i, vospominaniya, materialy. Moskva, Iskustvo, 1965. 333 p. illus.

SHITOVA, V. V. [Luchino Visconti] Luchino Visconti. Moskva, Iskustvo, 1965. 184 p. illus. (Masters za ubezhnoogo kinoliskusstva)

SHKLOVSKII, V. B. [For forty years, articles on motion pictures] Za sorok let, stat'i o kino. Moskva, Iskustvo, 1965. 451 p.

SOROKER, I. A. L. [Violet works of S. Prokof'ev] Skripichnaya tvorchnost' S. Prokof'eva. Moskva, Muzyka, 1965. 118 p. (MIU) (NIC)

STETSENKO, K. H. [Collected works in five volumes] Zbirannya tvoriv u p'iaty tomakh. Kyiv, Mystetstvo, 1964. Vol. 1. [Choral works] Khorovi tvory. 2 v. Vol. 3. [Children's works] Dytiachi tvory. 1 v. (NN)

TALANOV, A. V., K. S. Stanislavskii. Moskva, Detskaya literatura, 1965. 171 p.

TELIACHOVSKII, V. A. [Reminiscences] Vospominaniya. Leningrad, Iskustvo, 1965. 482 p. (Teatral'nye vospominaniya)

[THEATRICAL ENCYCLOPEDIA] Teatral'naya Entsiklopediya. Glav. red. P. A. Markov. Chleny red. kolektii: G. N. Boladzhiev i dr. Moskva, Sovetskaya Entsiklopediya. Vol. 4. Nezhin - Starev. 1965. 1152 columns. (Entsiklopedii, slovari, spravochniki)

[UKRAINIAN FOLK SONGS] Ukrains'ki narodni piseni. Kyiv, Mystetstvo. No. 3. 1963. 295 p. (CaOTU)

USPENSKII, N. D. [Early Russian art of singing] Drevnerusskoe povcheskoe iskustvo. Moskva, Muzyka, 1965. 214 p.

VOIANSKAYA, N. G. [Attending classes of director S. A. Gerasimov; notes on lessons in the All-Union State Institute of Cinematography] Na urokakh izhishsury S. A. Gerasimova, zapisi zaniatii vo VGIKe. Moskva, Iskustvo, 1965. 457 p. illus.

[THE WORK OF AN ACTOR; collection of articles] Trud aktora; sbornik statei. Moskva, Sovetskaya Rossiya No. 13. Dobuzhanskaya, Borisov, Tolubeev, Speranova, Popov. 1965. 111 p. (Biblioteka "V pomoshch' khudozhestvennoi samodelatel'nosti," no. 17)

ZAVITNEVYCH, VASYL', comp. [Hymns from the Lichen Titled] Spivky iz Postovoi Titled. New York, 1960. 111 p. (NSyU)

ZAVITNEVYCH, VASYL', comp. [Hymns in the Liturgy] Spivky na Liturgii. New York, 1963. 380 p. (NSyU)

10. FINE ARTS

AKADEMIA NAUK SSSR. Institut filosofii. [Aesthetics: Categories and art] Estetika: Kategorii i iskustvo. Moskva, Iskustvo, 1965. 177 p.

ALPATOV, M. V., and E. A. GUNST. Nikolai Nikolaevich Sapunov. Moskva, Iskustvo, 1965. 46 p. plates.

[ART OF DAGESTAN; a collection] Iskustvo Dagestana; sbornik. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1965. 141 p. illus.

BASKIN, M. P. [Against modern abstractionism and formalism, a collection of translations] Protiv sovremennogo abstraktsionizma i formalizma; sbornik perevodov. Red. i vstup. stat'ia M. P. Baskina. Moskva, Progress, 1964. 373 p. (MH)

EESTI NSV TEADUSTE AKADEEMIA. [History of Estonian architecture] Eesti arhitektuuri ajalugu. Toimetuse kolleegium: H. Arman ja teised. Tallinn, Eesti Rahmat, 1965. 675 p. illus. [In Estonian]

CREMEEV, A. J., and M. N. RUTKEVICH. [Age of science and art] Vek nauki i iskustvo. [Moskva] Molodatskaya gvardiya, 1965. 205 p.

GALUSIKINA, A. S. Sergei Vasil'evich Gerasimov. Leningrad, Khudozhnik RSFSR, 1964. 42 p. illus. (Narodnaya biblioteka po iskustvu) (NIC)

GEORGIEV, KIRILL. [A ball in the net] Mias v setke. Leningrad, Khudozhnik RSFSR, 1964. [28] p. illus. (MH)

GRABAR', I. E. [Art in captivity] Iskustvo v plenu. Leningrad, Khudozhnik RSFSR, 1964. 141 p. illus.

[HISTORY OF JAPANESE ART. Translated from the Japanese] Istorija japonskogo iskustva. [By] Ito Nobuo i dr. [Moskva, Progress, 1965.] 291 p. illus.

KEIVAN, IVAN. [Volodymyr Sichyn's'kyi; architect, graphic artist, art critic, scholar] Volodymyr Sichyn's'kyi; arhitekt, mystetst'-grafik, mystetstvoznavets', doslidnyk. Toronto, Evesham-Zilla, 1957. 70 p. illus. (Mistry ukrains'koho mystetstva) (MID)

KIEV. NAUCHNO-ISLEDOVATELSKII I PROEKTNYI INSTITUT GRADOSTROITEL'STVA. [Design and building of residential districts in reconstructed areas] Planirovka i zastroika zhilykh rayonov na rekonstruiemykh territoriyakh. Kiev, Budivelnik, 1965. 83 p.

KRESAL'NYI, N. I. [St. Sofia preserve in Kiev; a monument of 11th-18th century architecture] Sofiiskii zapovednik v Kieve; pamiatnik arkhitektury XI-XVIII vv. 4., ispr. izd. Kiev, Budivelnik, 1965. 41 p. illus. (Pamiatniki arkhitektury Ukrainskoi SSR) (NIC)

LABUNSKAYA, G. V. [Artistic works of children] Izobrazitel'noe tvorchestvo detei. Moskva, Prosveshchenie, 1965. 205 p. illus.

LENINGRAD, ERMITAZH. [Drawings from the 15th to the beginning of the 19th century from the National Museum of Stockholm; a catalog of the exhibition in the State Hermitage, Sept. 14-Oct. 28, 1963] Risunki XV-nachala XIX v. iz Natsional'nogo muzeia Stokgol'ma; katalog vystavki v Gosudarstvennom Ermitazhe, 14 IX-28 X, 1963 g. Leningrad, 1963. 22 p. illus. (NNMM)

LENINGRAD, ERMITAZH. [Painting] Zhivopis' [Izd. 4.] Moskva, Sovetskii khudozhnik, 1964. [16] p. 60 plates. [In Russian, English, French, and German] (NcD)

LENINGRAD, ERMITAZH. [Through the Hermitage without a guide] Po Ermitazhu bez ekskursovoda. Sost. I. U. G. Shapiro. Leningrad, 1963. 197 p. illus. (NNMM)

[MONUMENTS OF KIEV] Pam'iatnyky Kieva. [Kyiv, Mystetstvo, 1963] 1 v. (chiefly illus) [In Ukrainian and English] (U)

MOSCOW. GOSUDARSTVENNAIA TRET'IAKOVSKAIA GALLERIA. [Guidebook, art of the second half of the 19th century] Putevoditel'; iskustvo vtoroi poloviny XIX veka. Moskva, Gos. izd-vo "Iskustvo," 1959. 325 p. illus. (MIEM)

MOSCOW. GOSUDARSTVENNYI MUZEI IZOBRAZITEL'NYKH ISKUSTV. [Exhibition of monuments of the culture and art of the peoples of the United Arab Republic, a guidebook] Vystavka pamiatnikov kul'tury i iskustva narodov Ob'edinnnoi Arabskoi Respubliki, putevoditel'. Moskva, Iskustvo, 1958. 1 v. illus. [In Russian and French] (NNMM)

MOSCOW. INSTITUT ISTORII ISKUSTV. [Art of Japan] Iskustvo Iaponii; sbornik statei. Moskva, Nauka, 1965. 147 p.

POLTNIKOV, V. I. Georgii Adamovich Stronk. Leningrad, Khudozhnik RSFSR, 1964. 28 p. illus. (NIC)

PROKOF'EV, V. N. [Edouard Manet; his life and letters, the recollections, and criticism of contemporaries. Translated from the French] Eduard Manet, zhizn', pis'ma, vospominaniya, kritika sovremennikov. Moskva, Iskustvo, 1965. 201 p. illus. (MH)

RAZINA, T. M. [Silver ornament] Serebrianyi ornament. [Leningrad] Gos. izd-vo mestnoi promyshlennosti i khudozh. promyselov RSFSR, 1962. 21 p. plates (O masterakh i masterstve) (NIC)

REUTERSWÄRD, OSCAR. [Claude Monet. Abridged translation from the Swedish] Klod Monc. Moskva, [Progress] 1965. 159 p. 82 plates.

[RUSSIAN PAINTINGS IN MUSEUMS OF THE R. S. F. S. R.] Russkaya zhivopis' v muzeiakh RSFSR. Moskva, Sovetskii khudozhnik, No. 14. [1965. 16] p. 58 plates. [Khudozhestvennye sokrovishcha SSSR]

SHADR, I. D., I. D. Shadr. [By] I. D. Kolpinski. Moskva, Sovetskii khudozhnik [1964] 102 p. illus. [In Russian, German, French, and English]

SHKLOVSKII, V. B. [Tale about the artist Fedotov] Povest' o khudozhnike Fedotove. Moskva, Molodatskaya gvardiya, 1965. 205 p. illus. (Zhizn' zamchatel'nykh liudei. Seriya biografii, no. 10(405))

SOIUZ KHUDOZHNIKOV RSFSR. Moskovskoe otdelente. [Jubilee exhibition of the works of Sergei Timofeevich Kononov, on his ninetieth birthday and his seventieth anniversary of work in art. A catalog] Iubileinaya vystavka proizvedenii Sergeia Timofeevicha Kononova; devyatiydesyat let so dnia rozhdeniia i sem'desiat let tvorcheskoi delatel'nosti. Katalog. Moskva, 1964. 80 p. illus. (MICROFILM)

SOKOL'NIKOV, M. P. [The bard of the people's life; sketch on the life and work of the painter F. V. Sychev] Pevets narodnoi zhizni; ocherk o zhizni i tvorchestve khudozhnika F. V. Sycheva. Saransk, Mordovskoe knizhnoe izd-vo, 1962. 46 p. (NIC)

STRAMTSOVA, T. S. [Design and construction of residential and public buildings in White Russia] Proektirovaniye i stroitel'stvo zhilykh i obshchestvennykh zdaniy v Belorussii, Minsk, Nauka i tekhnika, 1965. 136 p.

[25 YEARS OF SOVIET ESTONIAN ART] 25 aastat Noulguude Eesti kunsti. Tallinn, Kunst, 1965. 166 p. illus. [In Estonian, Russian, and English]

[UKRAINIAN DECORATIVE DESIGN] Ukrains'ki dekoratyvni rozpyssy. 2. vyd. Kyiv, [Mystetstvo] 1964. 12 p. 26 plates. (NN)

VARSHAVSKII, A. S. [Fate of an artist] Podvig khudozhnika. Moskva, Sovetskii khudozhnik, [1965] 187 p. illus. (Stranitsy istorii iskusstva)

VLADYCH, L. V. ["Pictureque Ukraine" of Taras Shevchenko] "Zhyvopysna Ukraina," Tarasa Shevchenka. Kyiv, Mystelstvo, 1963, 126 p. illus. (NSyU)

ZATENATSKYI, I. A. P. [Mykola Korniylovych Pymonenko] Nikolai Kornilovich Pimonenko. Moskva, Gos. izd-vo izobraz. iskusstva, 1962. 1 v. illus. (IU)

11. LANGUAGE, LITERATURE & FOLKLORE

AGEEV, L. M. [Faces of people encountered; verse] Litsa vstrechnykh; stikhi. Leningrad, Sovetskii pisatel', 1964. 87 p. (NIC)

AIBEK, pseud. [Collected works in five volumes. Translated from the Uzbek] Sochineniia v piati tomakh [Tashkent, Gos. izd-vo khudozh. lit-ry Uz SSR, Vols 1-4, 1962-1963, 4 v. (NN)

AKADEMIA NAUK SSSR. Institut narodov Azii. [Legend of Pandji Semirang. Translated from the Malay] Skazanie o Pandzhi Semirang. Moskva, Nauka, 1965. 150 p.

AKADEMIA NAUK SSSR. Institut narodov Azii. [Persian anecdotes. Translated from the Persian] Persidskie anekdoty. Moskva, Izd-vo vostochnoi lit-ry, 1963. 181 p. (NIC)

AKADEMIA NAUK SSSR. Institut russkogoazyka. [Etymology; principles of reconstruction and methods of research] Etimologiya, printsipy rekonstruktsii i metodika issledovaniia. Moskva, Nauka, 1965. 304 p.

AKADEMIA NAUK SSSR. Institut russkoi literatury. [Pushkin, studies and materials] Pushkin; issledovaniia i materialy. Moskva, Izd-vo Akad. nauk SSSR, 1966. (MosW)

AKADEMIA NAUK SSSR. Institut russkoi literatury. [Russian tales of the first third of the 18th century] Russkie povesti pervoi treti XVIII veka, issledovanie i podgotovka teksta G. N. Molisevol. Moskva, Nauka, 1965. 322 p. (NeU)

AKADEMIA NAUK URSR. Kiev. [Structural and mathematical linguistics] Strukturno-matematicheska lingvistyka. Kyiv, Naukova dumka, 1965. 148 p. (Respublikans'kyi mizhvidomchyi zbirnyk. Seriya: "Pytannya novoznavstva")

AKADEMIA NAUK URSR. Kiev. Institut literatury. [Hera and antihera] Hera i Antihera. Kyiv, Naukova dumka, 1965. 174 p.

AKADEMIA NAUK URSR. Kiev. Institut mystelstvoznavstva, folkloru ta etnografii. [Winter festival songs and New Year's Eve songs; winter ceremonial poetry of the workyear] Koladky ta shchedrivky; zimova obradova poezii i trudovoho roku. Kyiv, Naukova dumka, 1965. 803 p. (Ukraine'ka narodna tvorchiist')

ALEKSEEV, M. N. [Biography of my notebook; a tale, motion-picture script, sketches, articles] Biografiia moego bloknota; povest', kinostsenarii, ocherki, slati. Moskva, Voen. izd-vo, 1964. 277 p. (MI) (NIC) (NJP)

ALTAISKII, K. N., ed. [The stoppe sings; songs, contests, poems of the akyns of Kazakhstan. Translated from the Kazakh] Stop' poet; pesni, altyay, poemy akynov Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1968. 271 p. (Doklada kazakhskogo iskusstva i literatury v Moskve) (IU)

AMIR, MIRSAI. [A pure soul; a novel. Translated from the Tatar] Chistata dusha, roman. Moskva, Sovetskii pisatel', 1963. 566 p. (NNC)

ANOSHKIN, M. P. [Breakthrough; a tale] Proryv; povest'. [Chelabinsk] Uzhno-Ural'skoe knizhnoe izd-vo, 1964. 268 p. (MI)

ANTONOV, S. I. [Hašek walks across the Volga Valley. Translated from the Czech] Gashek shagat po Povolzh'iu. Kazan', Tatarskoe knizhnoe izd-vo, 1964. 133 p. (CaOTU) (MI) (NeU)

ARDAMATSKII, V. I. [Madness of the brave; a tale] Bezumnstvo khrabrykh, povest' Moskva, Gos. izd-vo detokol lit-ry, 1962. 166 p. (NNC)

BANYKIN, V. I. [Leshka's love; a novel] Leshkina ljubov', roman, Izhevsk, Udmurtiia, 1964. 218 p. (NNC)

BARCHUK, IVAN, ed. [The Christmas star, a collection of Christmas verse and stories] Rizdviana zirk; zbirka rizdvianych virshiv i opovidan'. Winnipeg, Dotsika pravdy, 1965. 171 p. (Vil'iyems'ka zirka) (MID)

BARTO, A. L. [Your verse] Tvoi stikhi. Moskva, Detskaya literatura, 1965. 542 p.

BASHI, IAKIV, pseud. [On the shores of the Dniester] Na berehakh Dniprovykh. Kyiv, Dnipro, 1965. 647 p. (NN)

BASHO. [Lyrics. Translated from the Japanese] Lirik. Moskva, Khudozhestvennaya literatura, 1964. 1 v. (Sokiovisheha liricheskoj poezii) (NN)

BASS, I. I. [Prose works of Ivan Franko] Khudozhnia proza Ivana Franka. Kyiv, Naukova Dumka, 1965. 311 p.

BELIAEV, V. P. [Old fortress; a trilogy] Starata krepost'; trilogiia. [Moskva] Molodala gvardiia, 1964. 3 v. in 2. (Tobe v dorogu, romantik) (NNC)

BELIAEVSKII, V. A. [On the waves of the sea of life; a tale] V volnakh moria zhitoiskogo, povest'. São Paulo, 1963. 64 p.

BERGGOL'TS, O. F. [Knot; new book of verse] Uzel, novaiia kniga stikhov. Leningrad, Sovetskii pisatel', 1965. 140 p.

BGAZHDA, KH. S. [Dzyb dialect of the Abkhazian language; study and texts] Dzybskii dialekt abkhazskogoazyka, issledovanie i teksty. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1964. 460 p. (MI) (NNC)

BITLISI, KHARIS. [Laili and Majnun] Laili i Medzhnun. Porovod, predislovie i prinechania M. B. Rudenko. Moskva, Nauka, 1965. 110, 77 p. [In Russian and Kurdish]

BLAUMANIS, RUDOLFS. [Short stories] Noveles. Riga, Latvijas Valsts izd-va, 1965. 210 p. [In Latvian]

BODNARCHUK, IVAN. [Familiar faces, stories] Znatsomi oblychchia; opovidanniia. Winnipeg, 1961. 109 p.

DOKOV, V. F. [Lyrics] Lirik. Moskva, Khudozhestvennaya literatura, 1964. 286 p. (MI) (NNC)

BOLDUMA, ION. [Verse] Versur'. Kishinev, Kartia Moldovenaske, 1965. 105 p. [In Moldavian]

BOLTHOMEIUK, V. V. [Fellows from the "Kavian", a tale] Parni s "Kavrania"; povest'. [Moskva] Molodala gvardiia, 1964. 214 p. (NN)

BORISOV, L. I. [Ours at heart, stories] Svoi po serdtaiu; rasskazy. [Leningrad, Gos. izd-vo detokol lit-ry, 1963] 238 p. (Shkol'naia biblioteka) (NJR)

BROVCHENKO, VOLODYMYR. [Rock of love; poetry] Skala ljubovi; poezii. Kyiv, Radians'kyi pys'mennyk, 1964. 87 p. (IU)

BUHAL, O. I. [Builders; verse] Budivnychi; poezii. L'viv, Kameniar, 1965. 30 p.

BUKALOVA, T. S. [Sun of friendship. Translated from the Kirghiz] Solntse druzhby. Frunze, Kirgizchpedgiz, 1963. 165 p. (100 let dobrovol'nogo vkhozhdeniia Kirgizii v sostav Rossii) (MI)

BUKOV, EMILIAN. [Man to man. Authorized translation from the Moldavian] Chelovek, cheloveku. [Kishinev] Kartia moldovenaske, 1964. 336 p. (MI)

BUKOV, EMILIAN. [Sparks of the heart, novelle, stories, miniatures] Iskry serdtca, novelly, rasskazy, miniatury. Kishinev, Kartia Moldovenaske, 1965. 408 p.

BULGAKOV, M. A. [Dramas and comedies] Dramy i komedii. Moskva, Iskusstvo, 1965. 595 p. illus.

BURLAKA, S. V. [Loyalty, lyric verse] Vernost'; lirik. Kishinev, Kartia Moldovenaske, 1965. 102 p.

BUROVA, N. P. [Semirech'ye, verse] Semirech'e, stikhi. Moskva, Sovetskii pisatel', 1965. 142 p. (NIC)

CHACHIN, V. M. [Generous heart of a soldier] Shchedroe serdtse soldatskoe. Moskva, Sovetskaya Rossiia, 1963. 38 p. (Rasskazy o krasote dushevnoi) (NIC)

CHAPLIA, I. K. [Adverbs in the Ukrainian language] Pryslivnyky v ukrains'kii movi. Kharkiv, Vyd-vo Kharkivs'koho derzh. univ., 1960. 122 p. (NIC)

CHEKHOV, A. V. [Black golden eagle; a novel] Chernyi berkut, roman. Moskva, Voen. izd-vo, 1965. 452 p. (NIC)

CHELYADINSK. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. [Poets and writers of the Southern Ural; textbook for correspondence students] Poety i pisateli Uzhnogo Urala; posobie dlia studentov-zaochnikov. Chelabinsk, 1961. 67 p. (MI)

CHORNYI, I. P., ed. [Collection of exercises in modern literary Moldavian] Kulezhere de ekzerchitiia la limba Moldovenaske literare kontemporane. Kishinev, Kartia moldovenaske, 1965. 271 p. [In Moldavian]

CHUKOVSKII, K. I. [Collected works in six volumes] Sobranie sochinenii v shesti tomakh. [Moskva] Khudozhestvennaya literatura, Vol. 1. [Silver coat-of-arms. Tales. From two to five] Serebriannii gerb. Skazki. Ot dvukh do piati. 1965. 1 v. (NIC) (NeU)

CHUMAK, ROMAN. [With amorous eyes, lyrics, novelle, a tale] Zakokhanymy ochynia; hryny, novelly, kazka. [Kyiv, Molod', 1964] 127 p. (CaOTU)

DAMIAN, ELENA. [Snowstorm] Spulbei. Kishinev, Kartia Moldovenaske, 1965. 249 p. (Biblioteka shkolarului) [In Moldavian]

DAMIAN, LIVIU. [Predictions; lyrics, ballads] Uraito-arele; liiche, balade. [Kishinev] Kartia Moldovenaske, 1965. 188 p. [In Moldavian]

DAVLETOV, G. A. [Beautiful Mount Tashlytau] Tashlytau - mautau tau. Ofo, Bashkortostan kitap nashriete 1964. 62 p. [In Bashkir]

DEMENT'EV, N. S. [Natka Kubanets; a tale] Natka Kubanets, povest'. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1961. 160 p. (NNC)

DEMENT'EV, N. S. [Somebody else's twins; a tale] Chuzhilo bliznetsy, povest'. Moskva, Sovetskii pisatel', 1965. 123 p. (NNC)

DEM'KIV, DORYS. [Stern gentleness; verse] Suvora nizhiet'; poezii. Kyiv, Radians'kyi pys'mennyk, 1965. 129 p. (IU)

DER'IAEV, KH. [Fate; a novel. Translated from the Turkmen] Sud'ba; roman. Ashkhabad, Turkmeneskoe gos. izd-vo, 1963. 365 p. (IU)

DIDYK, P. G. [Behind the enemy lines, a tale] V tylu vraga, povest'. 4., dop. izd. [Kishinev, Kartia moldovenaske, 1965] 307 p.

DIKLIC, ARSEN. [Don't look back, sonny! Translated from the Serbo-Croatian] Ne ogladyaisia, synki! Moskva, Detskaya literatura, 1965. 102 p. (Dlia mladshogo shkol'nogo vozrasta)

- DIMAROV, A.A.** [His family, a novel] Ego sem'ia, roman. Kiev, Radnians'kii pis'mennyk, 1962. 281 p. (NNC)
- DOMOZHAKOV, N.G., ed.** [Silver link, verse of poets of Khakassia] Serebriannoe zveno; stikhi poetov Khakassii. Abakan, Khakasskoe knizhnoe izd-vo, 1961. 135 p. (MH)
- DOROFEEV, Z.F.** [Collected works] Sobranie sochinenii. Saransk, Mordovskoe knizhnoe izd-vo, Vol. 1. 1964. 1 v. (NIC) (NNC)
- DOROSHO, P.O.** [Forest glassworks, a tale] Lisova huta; povist'. Kyiv, Radnians'kii pis'mennyk, 1964. 189 p. (NN)
- DOVZHENKO, OLEKSANDR.** [The enchanted Desna, movie tales] Zacharovana Desna, kinopovisti. Kyiv, Radnians'kii pis'mennyk, 1957. 607 p. (U)
- DRUTSE, ION.** [Face to face] Pept la pept. Kishineu, Karta Moldovenaske, 1964. 319 p. [In Moldavian]
- DRUZHININ, P.D.** [Visiting the sun, verse] V gostiakh u solntsa; stikhi. Moskva, Sovetskii pisatel', 1965. 170 p.
- DUBROVIN, B.S.** [Serene words of love] Slova negromkie hulyvi. Moskva, Sovetskii pisatel', 1965. 175 p. (Poeticheskaya Rossiya)
- DZESOV, K.G.** [Enchanting doll; stories. Translated from the Osetian] Chudesnata kukla; rasskazy. Moskva, Detskaya literatura, 1965. 93 p. (Dlia mladshogo vozrasta)
- EGOROV, K.IA.** [Brightness; verse] IASnost', stikhi L'viv, Kamenar, 1965. 27 p.
- EMINESCU, MIHAIL.** [Literary prose] Proze literare. Kishineu, Karta moldovenaske, 1965. 242 p. [In Moldavian]
- ERASHOV, V.P.** [Man in a tunic, a tale] Chelovek v gimnasterke; povest'. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1961. 237 p. (NNC)
- ESENINA, T.S.** [Zhenia, the wonder of the 20th century, a humorous tale] Zhenia, chudo XX veka; iumoristicheskaya povest'. Tashkent, Goslitizdat UzSSR, 1962. 275 p. (MH)
- FEDOROV, P.I.** [Sinky Shikhan, a novel] Sinky Shikhan, roman. Moskva, Sovetskii pisatel', 1965. 456 p.
- FEINBERG, I.L.** [Unfinished works of Pushkin] Nezavershennye raboty Pushkina. Izd. 4., dop. Moskva, Sovetskii pisatel', 1964. 430 p. (NSyU) (NJR)
- FIGULI, MARGITA.** [Three bay horses. Translated from the Slovak] Trojka gnedych. Moskva, Progress, 1965. 165 p.
- FILIPPOV, B.A.** [Cooling eternity; verse of 1941-1963] Stynushchaya vechnost'; stikhi 1941-1963. Washington, 1964. 15 p. (KU)
- FILIPPOV, B.A.** [The living past] Zhivoe proshloe. Washington, D.C., 1961. (KU)
- FITZGERALD, F. SCOTT.** [The great Gatsby; a novel. Translated from the English] Velikii Getsbi; roman. Moskva, Khudozhestvennaya literatura, 1965. 178 p. (Zarubezhnyi roman XX veka)
- FRANK, V.A.** [Time of hopes; stories and a tale] Pora nadezhd; rasskazy i povest'. [Moskva] Molodaya gvardiya, 1962. 168 p. (NNC)
- GADZHEV, A.** [Russian-Tabasaran school dictionary. 16,220 words] Russko-tabasarskii shkol'nyi slovar'. Red. B. Khanmagomedov. Slovar' soderzhit 16,220 slov. Makhachkala, Daguchpedgiz, 1957. 465 p.
- GAIDAR, A.P.** [Collected works] Sobranie sochinenii. Moskva, Detskaya literatura, 1964. 4 v. (GEU)
- GANSKII, LEONID.** [Suspended, verse] Na vesu, stikhi. Paris, [Beressnii] 1962. 62 p. (NNC)
- GARIBIAN, A.S., E.G. TER-MINASTAN, and M.A. GEVORGIAN, comp.-eds.** [Russian-Armenian and Armenian-Russian dictionary. Contains approximately 40,000 words most used in colloquial speech and in literature] Russko-armianskii [i armiansko-russkii] slovar'. Soderzhit okolo 40 000 slov, naibolee upotrebitel'nykh v razgovornoj rechi i v literature. 2, dop. izd. Erevan, Armianskoe gos. izd-vo, 1960. 2 v. (WU)
- GEORGIU, GEORGE.** [Warmth of the earth; a novel] Keldura penynitului, roman. Kishineu, Karta Moldovenaske, 1965. 203 p. [In Moldavian]
- GERASIMOV, I.A.** [Nightingales, a novel] Solov'i, roman. Moskva, Sovetskaya Rossiya, 1964. 230 p. (MH)
- GERASIMOVA, V.A.** [Through the eyes of truth, tales] Glazami pravdy, povesti. Moskva, Sovetskii pisatel', 1965. 395 p. (MH) (NNC)
- GOGOL', N.V.** [Mugorod. Moskva, Khudozhestvennaya literatura, 1965. 237 p. (Narodnaya biblioteka)]
- GOLIAVSKIN, V.V.** [Drawings on asphalt; a tale] Risunki na asfalte; povest'. Leningrad, Detskaya literatura, 1965. 92 p.
- GORSHKOV, A.I.** [History of literary Russian; a brief lecture course] Istorika russkogo literaturnogo yazyka, kratkii kurs lektsii. Izd. 3. Moskva, Vysshaya shkola, 1965. 193 p.
- GRIBACHEV, N.M.** [Black and white, verse] Beloe - chernoe, stikhi. Moskva, Sovetskii pisatel', 1965. 96 p.
- GRIGULIS, ARVIDS.** [When the rain and wind patter against the window] Kad lietus un veji sitas loga. Riga, Latvijas Valsts izd-va, 1965. 604 p. [In Latvian]
- GRIN, A.S.** [Collected works in six volumes] Sobranie sochinenii v shesti tomakh. Moskva, Izd-vo "Pravda", Vol. 2. 1965. 492 p. (Biblioteka "Ogonek")
- GRUDEV, I.T.** [Handful of seeds; verse] Zerna v gorati; stikhi. [Moskva] Mosk. rabochii, 1965. 247 p.
- GRUZDEV, A.I.** [On the way to realism; the early works of D.N. Mamin-Sibirskii] Na puti k realizmu; rannee tvorchestvo D.N. Mamina-Sibirskii [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1963. 85 p. (MR)
- GUSSAKOVSKAYA, O.N.** [I'm looking for the land of Sinegoriya, tales and stories] Ishchu stranu Sinegorii; povesti i rasskazy. [Moskva, Molodaya gvardiya, 1965.] 217 p. (Molodye pisateli)
- HERTZEN, A.I.** [Collected works in thirty volumes] Sobranie sochinenii v tridsati tomakh. Moskva, Nauka, Vol. 30. [Letters, 1869-1870. Supplements to the edition] Pis'ma 1869-1870 godov. Dopolneniia k izdaniyu. Book 2. 1965. 463-1014 p.
- HNATIUK, I.F.** [Sprouts; verse] Pahovinnia, poezii. L'viv, Kamenar, 1965. 30 p.
- HORDIENKO, K.O.** [Family of Ostap Tur; a tale] Sem'ia Ostapa Tura; povest'. Moskva, Sovetskii pisatel', 1964. 198 p. (KU)
- HUR'EV, B.M.** [Leonid Hlibov; a literary portrait] Leonid Hlibov, literaturnyi portret. Kyiv, Dnipro, 1966. 99 p.
- IAKOVLEV, IU.IA.** [First bastille; a tale] Pervaya bastilla; povest'. Moskva, Detskaya literatura, 1965. 127 p.
- IL'NYTS'KYI, M.M.** [Earth's arteries; verse] Zemni arterii; poezii. L'viv, Kamenar, 1965. 30 p.
- ILUS, VAINO.** [Your own life; a novel] Sinu omase elu, roman. Tallinn, Eesti Riiklik Kirjastus, 1964. 243 p. [In Estonian] (MH)
- IOVITSE, V.I.** [When wine laughs and cries] Rysul shi plynul vinulul, povesti. Kishineu, Karta Moldovenaske, 1965. 173 p. [In Moldavian]
- ISBAKH, A.A.** [What people should be told: Antoine de Saint-Exupery] Chto nuzhno kaznat' ljudiam, Antuan de Sent-Ekzuperi. Moskva, Izd-vo "Znanie", 1965. 60 p. (Novoe v zhizni, nauke, tekhnike. X Seriya Molodezhnaya, no. 17)
- ISTRIN, V.A.** [Origin and the development of writing] Vozniknovenie i razvitiie pis'ma. Moskva, Nauka, 1965. 506 p.
- ISTRU, BOGDAN.** [Spring in the Carpathians; a poem] Priimevara yn Karpats'; poem. Kishineu, Karta moldovenaske, 1965. 77 p. (Biblioteka shkolnoi ului) [In Moldavian]
- IVANOV, V.F.** [We are becoming adults. Once in summer] My stanovimsia vzroslymi. Odnazhdy totem. [Krasnodarsk] Krasnodarskoe knizhnoe izd-vo, 1961. 262 p. (NIC)
- IVANOVA, L.M.** [Oui dear little man] Dorogoi nash chelovek. Moskva, Politizdat, 1965. 108 p. (Vie-min i ludi)
- IVANYCHUK, R.I.** [Snow storm of poplars, short stories] Topolynia zametli; noveli. L'viv, Vyd-vo "Kamenar", 1965. 182 p.
- IVASIU, M.H.** [Red roses, a novel] Chervoni trolandy; roman. Kyiv, Molod', 1960. 257 p. (NNC)
- KABIR, 15th cent.** [Lyric verse. Translated from the Hindi] Lirika. Moskva, Khudozhestvennaya literatura, 1965. 172 p. (Sokrovishcha liricheskoi poezii)
- KALIDASA.** [Sakuntala. The cloud messenger. Translated from the Sanskrit] Shikuntala. Khmarnavistun. Kyiv, Derzh. vyd-vo khudozh. lit-y, 1966. 220 p. (MD)
- KALININ, A.V.** [A cold field; a novel] Surovoo pole, roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 130 p. (NNC)
- KANASHIN, I.I.** [As long as my heart beats...] Poka stuchit serdtshe... [Leningrad] Lenizdat, 1963. 198 p. (KU)
- KAPCHEVSKAYA, A.A.** [Collection of texts on the subject "The complex sentence"; a teacher's text] Sbornik tekstov po teme "Slozhnoe predlozhenie", posobie dlia uchitelia. Moskva, Prosveshchenie, 1965. 221 p.
- KARAEVA, A.I.** [Formation of Karachai literature] Stanovlenie karachaevskoi literatury. Cherkessk, Karachaevo-cherkesskoe knizhnoe izd-vo, 1963. 165 p. (NIC)
- KASSIL', L.A.** [Collected works in five volumes] Sobranie sochinenii v p'ati tomakh. Moskva, Detskaya literatura, Vol. 2. [Cheremys, brother of a hero, Great resistance, My dear little boys, At the edge of the world] Cheremys, brat gerola, Velikoe protivostoianie, Dorogie moi mal'chishki, Na kraiu sveta. 1965. 605 p. (Dlia srednego i stazhego vozrasta)
- KERASHEV, T.M.** [Selected works in two volumes] Izbrannye proizvedeniia v dvukh tomakh. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, Vol. 2. [Competition with a dream. Tales and stories. Translated from the Azyge] Sostizanie s mechtai, Povesti i rasskazy. 1965. 315 p.
- KEREKESH, IU.IU.** [For the sake of a son] Zarady syna, Uzhhorod, Zakarpats'ke obl. knyzhkovno-gazetnoe vyd-vo, 1963. 85 p. (NN)

- KHARISOV, A.I., comp. [Chrestomathy of Bashkir literature for grade 8] *Ezbelet khrestomatia, urta mekteplen 8-ee klasy osn. Oro, Bashkortostan kitap izd-hy*, 1980. 199 p. [In Bashkir] [MICROFILM]
- KHIELEMSKII, I.A. [The middle of summer, a book of lyrics] *Seredina leta, kniga liriki*. Moskva, Sovetskii pisatel', 1960. 112 p. (NNC)
- KHODAKOVSKIY, M.M. [What stayed on in the heart, a tale] *Sheho vidstoiashia v serdtsi, povest'*. L'viv, Kameniar, 1965. 191 p. (Publ. under his pseud. Vasyi' Lozovyi)
- KIMARSKII, I.D. [An old woman like gold, stories] *Zoloto-starushka, rasskazy*. [Ulanovsk] Ulanovskoe knizhnoe izd-vo, 1963. 46 p. (Malen'kaia biblioteka) (NIC)
- KHYZHKO, M.D. [Rotten stump; fables and humoresques] *Ti ukhlyavnyi pen', balky i humoresky*. L'viv, Kameniar, 1965. 27 p.
- KISELEV, V.V. [Taiga, my love, verse] *Lubov' moia - taiga, stikhi*. Vostochno-Sibirskoe knizhnoe izd-vo, 1964. 82 p. (IU) (NIC)
- KOBLIKOV, V.V. [Lullaby" grass] *Batun-trava. Moskva, Sovetskaya Rossiia*, 1965. 86 p. (Korotkie povesti i rasskazy) (MH) (NNC)
- KOCHURA, P.F. [Golden charter; an historical novel] *Zolotaya gramota, istoricheski roman. Simferopol', Krimizdat*, 1963. 613 p. (IU)
- KOHUT, V.S. [Rainbow over the village; verse] *Vesel'ka nad selom; poezii*. L'viv, Kameniar, 1965. 26 p.
- KOLESNYK, PETRO. [Blackthorn on the road, a novel] *Toren na shliakhu; roman*. Kyiv, Dnipro, 1965. 479 p. (NN)
- KOLOSOV, P.I., and T.A. LADYZHENSKAIA, eds. [Speech development in Russian language lessons; in connection with the study of grammar and spelling] *Razvitiie rechi na urokakh russkogo iazyka; v svyazi s izucheniem grammatiki i pravopisaniia*. Moskva, Prosveshchenie, 1965. 81 p.
- KONFERENTSIYA PO SEMITSKIM IAZYKAM, 1st, 1964. [The Semitic languages; materials] *Semitskie iazyki; materialy*. Moskva, Nauka, No. 2. Pt. 2. 1965. 774 p.
- KONSTANTINOV, VLADIMIR, and BORIS RATSER. [Love and protocol; satirical verse and feuilletons] *Lubov' i protokol; sbornik satiricheskikh stikhov i feletonov*. [Leningrad] Lenzdat, 1965. 75 p. (NIC) (NNC)
- KORNILOV, V.N. [The refugee; a book of verse] *Pristan'; kniga stikhov*. Moskva, Sovetskii pisatel', 1964. 86 p. (NNC)
- KORZHIKOV, V.T. [Gratitude; verse] *Blagodarnost'; stikhi*. Moskva, Sovetskii pisatel', 1965. 121 p. (MH) (NIC)
- KOSMATEENKO, A.D. [Laughter and wrath; fables] *Smikh i gniv; balky*. Kyiv, Dnipro, 1965. 206 p. (NN)
- KOTSUBYNS'KA, M.F. [Literature as the art of words; some principles of the literary analysis of artistic language] *Literatura yak mystetstvo slova; deakiu pryntsyipy literaturnoho analizu khudozhn'oi movy*. Kyiv, Naukova dumka, 1965. 318 p.
- KOTSUBYNS'KYI, MYKHAILO. [Collected works] *Sobranie sochinenii*. Moskva, Khudozhestvennaya literatura. Vol. 1. [Tales, stories, verse, 1884-1898] *Povesti, rasskazy, stikhotvoreniia, 1884-1898*. 1965. 1 v. (MH)
- KOVAL, DUMITRU. [Encounters in Budzhak] *Yntylnyr' yn Buzhiak*. Kishineu, Kartia Moldoveniaske, 1965. 36 p. [In Moldavian]
- KOVAL'DZHI, K.V. [Five points on the map; a tale] *Piat tochek na karte, povest'*. Moskva, Sovetskii pisatel', 1965. 194 p. (IU)
- KOVALENKO, LIUDMILA. [Two beauties, short stories] *Dvi krasy, novelli*. Toronto, My I svet, 1965. 112 p.
- KOVALEV, V.A. [Diversity of styles in Soviet literature] *Mnogooobrazie stilei v sovetskoi literaturo*. Moskva, Nauka, 1963. 138 p.
- KOZHEVNIKOVA, V.V., comp. [Word and image] *Slovo i obraz, sbornik statei*. Moskva, Prosveshchenie, 1964. 286 p. (NIC)
- KRAPIVIN, V.P. [Stars in the rain] *Zvezdy pod dozhdem*. Moskva, Detskaya literatura, 1965. 174 p. (Dla mladshogo shkol'nogo vozrasta)
- KRASHENINNIKOV, V.L. [Jalpur stories] *Dzhalpurskie rasskazy*. Moskva, Nauka, 1965. 62 p.
- KRESTINSKY, M.M., and B.P. KRESTINSKY, comps. [Concise dictionary of modern Russian slang] *Kratkii slovar' sovremennogo russkogo slanga*. [Frankfurt/Main] Posev, 1965. 31 p.
- KRUCHENIUK, PETRIA. [Conversation with people] *Do vorobe ku luntia*. Kishineu, Kartia Moldoveniaske, 1965. 165 p. [In Moldavian]
- KRUHLIAK, IURII. [Little laughs, fables, minuties, feuilletons, jokes, chastushki, epigrams, parodies, friendly jests] *Smeshnyky, balky, minutniy, feletony, zhaty, chastivky, epigamy, priodil, družnishiashzhi*. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1963. 92 p. (IU)
- KUCHAR, ROMAN. [Glowing hearts, selected works] *Palki seritsia; vybrani tvory*. [1. vyd.] New York, 1964. 216 p. [Published under his pseud. R. Volodymyr] (IU)
- KULYKIVSKIY, V.P. [Green rhythms, poetry] *Zeleni rytmy; poezii*. Kyiv, Radians'kii pys'mennyk, 1965. 78 p. (IU)
- KUPRIANOV, I.P. [Plays] *P'esy*. Moskva, Sovetskii pisatel', 1965. 221 p.
- KUZNETSOV, A.IU., and SHTAIN, G.G. [Married fiancé; a comedy in two acts and seven scenes] *Zhenutyy zhenitki; komediia v dvukh deistviakh, sem'i kartinok*. Moskva, Iskustvo, 1965. 62 p.
- KYRCHIV, R.F. [The Ukrainian theme in Polish almanacs during the romantic epoch] *Ukrainka v pol's'kykh al'manakhakh doby romantyzmu*. Kyiv, Naukova dumka, 1965. 129 p.
- LABKOVSKII, N., tr. [Polish epigrams. Translated from the Polish] *Pol'skie irashtki*. Red. S. Mikhalkov. Moskva, Progress, 1964. 161 p. (MH)
- LANSHCHIKOV, A.P. [The song over a rural street] *Pesnia nad sel'skoi ulitsel*. [Moskva] Molodaya gvardiia, 1964. 111 p. (NIC)
- LAZARIUK, F.D., comp. [Reading book; manual for grade 3 of elementary schools] *Karto do chytire; manual ponru klasa lit i shkolli ynchepetare*. Kishineu, Shkola sovetske, 1967. 283 p. [In Moldavian] (IU)
- LAZUTIN, B.G. [Outline history of Russian folk songs; a philologic study] *Ocherki po istorii russkoi narodnoi pesni; filologicheskoe issledovanie*. Voronezh, Izd-vo Voronezhskogo univ., 1965. 149 p.
- LE, IVAN, pseud. [Nowly appeared... stories] *Novolavleni...; opovidanniia*. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1957. 147 p. (CLU)
- LEM, STANISLAW. [Stellar diaries of Ijon Tichy; stories. Translated from the Polish] *Zvezdnye dnevniki Iona Tikhogo; rasskazy*. [Moskva] Molodaya gvardiia, 1961. 180 p. (NNC)
- LENINGRAD. PUBLICHNAIA BIBLIOTEKA. [Press of the First International and the Paris Commune, union catalog of publications in libraries of the U.S.S.R.] *Pechat' Pervogo Internationala i Parizheskoi Kommuny, svodnyi katalog izdani, khraniashekhleha v bibliotekakh SSSR*. Moskva. Pt. 1. [Official publications of the General Council, congresses, conferences, local sections. Periodical press of the First International] *Ofitsial'nye izdaniia General'nogo Soveta, kongressov, konferentsii, mestnykh sektiil. Periodka Pervogo Internationala*. 1964. 255 p. Pt. 2. [Press of the Paris Commune, 1871] *Pechat' Parizheskoi Kommuny 1871 g.* No. 1. [Posters, leaflets, brochures] *Afishi, listovki, broshyury*. 1964. 163 p. [MICROFILM]
- LEONOV, L.M. [Badgers, a novel] *Barsuki; ioman*. [Moskva] Moskovskii rabochii, 1964. 351 p. (KU)
- LEONOV, L.M. [The Russian forest; a novel] *Russkii les; roman*. Moskva, Khudozhestvennaya literatura, 1965. 2 v. (Biblioteka sovetskoi prozy) (KU)
- LERMONTOV, M.IU. [Collected works in four volumes] *Sobranie sochinenii v chetyrekh tomakh*. Pod red. I. L. Andronikova i Iu. G. Oksmann. Moskva, Khudozhestvennaya literatura. Vol. 1. [Verse] *Stikhotvoreniia*. 1964. 1 v. (NN)
- LERMONTOV, M.IU. [Verse and poems] *Stikhi i poemyy*. Moskva, Khudozhestvennaya literatura, 1964. 222 p. (Narodnaya biblioteka) (NR)
- LERNER, KH.M., and B. KH. SHILOVSKII. [Cards on the Russian language for grade 5 of the Moldavian school] *Kartochki po russkomu iazyku dlia V klasse moldavskoi shkoly*. Kishineu, Kartia moldoveniaske, 1965. 388 (i.e. 194) p.
- LEVCHENKO, IRINA. [Tale of the war years] *Povest' o voennykh godakh*. [Moskva] Moskovskii rabochii, 1965. 445 p.
- LEVKOVSKAIA, K.A., ed. [Role and method of completing a variety of exercises in an independent study of German, guide for students of correspondence and evening schools using the textbook for philology departments] *"The German language, part 2. Texts, exercises, a dictionary," Moscow University Publishing House, 1962* Rol' i metodika vypolneniia razlichnykh uprazhnenii pri samostoiatel'nom izuchenii nemetskogo iazyka; rukovodstvo dlia studentov znochnogo vechernego otdelenii k uchobniku dlia filologicheskikh fakul'tetov. "Nemetskii iazyk, chast' II. Teksty, uprazhneniia, slovar'." Izdatel'stvo Moskovskogo universiteta. 1962. [Moskva] Izd-vo Moskv. univ., 1965.
- LEVYTS'KYI, IVAN. [Collected works] *Zibrannia tvoriv*. Kyiv, Naukova dumka, 1965- (CU)
- LIFSHITS, V.A. [A presentation; clown's tales, plays, verse, songs] *Predstavleniie; klovnyy, p'esy, stikhi, pesni*. [Moskva] Molodaya gvardiia, 1965. 123 p.
- LIIV, JUHAN. [Tales and stories. Translated from the Estonian] *Povesti i rasskazy*. Tullinn, Estonskoe gos. izd-vo, 1964. 226 p. (IU)
- LIUBIMOVA, V.A. [Plays] *P'esy*. Moskva, Detskaya literatura, 1965. 350 p. (Shkol'naya biblioteka)
- LOHVIYENKO, M.S. [Literature and science] *Literatura i nauka*. Kyiv, 1965. 45 p. (Tovarystvo "Znan-nia" Ukrain's'ko RSR. Seriya IV, no. 4)
- LOMATSK'KYI, MYKHAILO. [In the Green Mountains, set in three ranges] *Desydom Zelenym, u try rady sadzhenym*. [London] Nakl Mykhaila Kovaluka, 1962. 289 p. (IU)
- LUBKIVSKIY, R.M. [Enchanted deer; verse] *Zachudovani olon; poezii*. L'viv, Kameniar, 1965. 42 p.
- LUKONIN, M.K. [Selected lyrics. Izbrannaya lirika. Moskva] *Molodaya gvardiia*, 1965. 29 p. (Biblioteka izbrannoi liriki)
- LUKONIN, M.K. [The surmounting; verse] *Preodoleniie; stikhi*. Moskva, Sovetskii pisatel', 1964. 185 p. (IU) (NNC)

- LUPAN, A. P. [The foreigners; stories. Translated from the Moldavian] Chuzhie, rasskazy. Kishinev, Kartia Moldoveniaske, 1965. 88 p.
- L'VOV-ANOKHIN, D. A. Liudmila Fetisova. Moskva, Iskustvo, 1964. 95 p. (NIC)
- MAHFUZ, NAJIB. [The thief and the dogs, a tale. Translated from the Arabic] Vor i sobaki: povest'. Moskva, Khudozhestvennaya literatura, 1955. 140 p.
- MAKIVCHUK, FEDIR. [Loved and unloved, friendly smiles, feuilletons, pamphlets] Liube i nelube, druzhni usmishky, feiletony, pamflety. Kyiv, Dnipro, 1965. 294 p. (CAOTU) (IU)
- MAKSIMOVIC, DESANKA. [Children become adults. Translated from the Serbo-Croatian] Deti stanovistala vzi oslymli. Moskva, Khudozhestvennaya literatura, 1966. 252 p.
- MALANIUK, IEVHEN. [August] Serpen'. [New York] Vyd-vo N'yu-jorkskoi grupy, 1964. 72 p. (His. Knizhny poczi, IX) (IU) (MID)
- MAL'TSEVA, K. V. [Written works in relation to literary reading in Russian in the national school] Pis'mennye raboty v svyazi s literaturnym chteniyem na russkom yazyke v natsional'noi shkole. Moskva, Uchpedgiz, 1961. 245 p. (Pedagogicheskaya biblioteka uchitel'ov) (CLU)
- MAR, E. P. [Important goods; stories about V. I. Lenin] Vazhnyi tovar; rasskazy o V. I. Lenine. Moskva, Det'skaya literatura, 1965. 42 p. (Dla starshego doshkol'nogo vozrasta)
- MARINA, V. I. [Hot spring, stories] Gorjachii kluch, rasskazy. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1963. 168 p. (IU)
- MARSHAK, S. YA. [Selected lyrics. Izbrannaya lirika. Moskva] Molodaya gvardiya, 1965. 31 p. (Biblioteka izbrannoi liriki)
- MARTYNOV, L. N. [Birthright, book of verse] Pavrod'stvo, kniga stikhov. [Moskva] Molodaya gvardiya, 1965. 350 p.
- MEL'NIKOV, I. I. [Redeemed spring; verse and a poem] Spasenaya vesna, stikhi i poema. [Moskva] Mosk. rabochii, 1965. 94 p.
- MENIUK, GEORGE. [Verse] Versur'. Kishinev, Kartia moldoveniaske, 1965. 214 p. (Kolektsiya "Aurora") [In Moldavian]
- METTER, I. M. [By one's conscience, tales and stories] Po sovesti: povesti i rasskazy. Moskva, Sovetskii pisatel', 1965. 290 p.
- MIKSON, I. L. ["Lilac 316"] "Siren" 316. Saratov, Privolzhskoe knizhnoe izd-vo, 1964. 63 p. (IU) (NIC)
- MISHCHENKO, L. M. [In passing; a tale] Proozdom; povest'. Kishinev, Kartia moldoveniaske, 1965. 193 p.
- MIZIUN, H. M. [Plays] P'esy. Kyiv, Dnipro, 1965. 151 p. (NN)
- MOLDAVIAN S.S.R. Direktsia shkol'lor. [Programs on the Moldavian language and literary readings for grades 5-11 of Russian evening (staggered) schools] Programe pentru shkola medie serale (pe skimburi) de kultura zhenerale. Limba Moldoveniaske shi chitiria litera o yn shkola ruse pentru klasele V-XI. Kishinev, Kartia moldoveniaske, 1965. 35 p. [In Moldavian]
- MOROZ, M. O. [Mykhailo Kotlubyn'sky; bibliography] Mykhailo Kotlubyn'sky; bibliografichnyi pokazhyk. Kyiv, Naukova dumka, 1964. 266 p. (NN)
- MOSCOW, TSENTRAL'NYI NAUCHNO-ISLEDOVATEL'SKIY INSTITUT GEODEZII, AEROS'EMKI I KARTOGRAFI. [Dictionary of the Russian transcription of terms and words encountered in the geographical names of the Yakut A.S.S.R.] Slovar' russkoi transkriptitsii terminov i slov, vstrochayushchikhsia v geograficheskikh nazvaniyakh Yakutskoi ASSR. Sost. F. K. Komarov, Moskva, 1964. 134 p. [MICROFILM]
- MOSCOW, VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Liudmil Stoinanov, a bibliography] Liudmil Stoinanov, bibliograficheski ukazatel'. Moskva, Kulga, 1964. 145 p. (Pisatel' zarubezhnykh stran) (CSI-H) (MH)
- MUKHLISOV, IUSUPBEG. [Sadir Palvan; an historical tale] Sadir Palvan, tarikhii kisse. Baitlik ve ishlilik devri. Almota, Zhazushy, 1964. 139 p. [In Ulgur]
- MURZIDI, K. G. [Northern Dvina sketches] Severodvinskoe zarisovki. Moskva, Sovetskaya Rossiya, 1964. 237 p. (MH)
- MUSAEV, K. M. [Alphabets of the languages of the peoples of the U.S.S.R.] Alfavitny lazkyov narodov SSSR. Moskva, Nauka, 1965. 85 p.
- MYKYTYN, T. D. [Regiments go off to Galicia; historical tales] Polky idut' na Halych, istorichni povisti. L'viv, Kameniai, 1965. 270 p.
- MYZGIN, I. M. [With a cocked gun] So vzvedennym kurkom. [Moskva] Molodaya gvardiya, 1964. 169 p. (Chest', otvaga, muzhestvo) (IU)
- NAGIBIN, I. M. [Near and far, a tale and stories] Dalekoe i blizkoe; povest' i rasskazy. Moskva, Sovetskii pisatel', 1965. 332 p.
- NAUCHNAIA KONFERENTSIYA PO RABOCHEMU FOL'K-LORU Sverdlovsk, 1963. [Oral poetry of the workers of Russia] Uslnaya poeziya rabochikh Rossi, sbornik statei. Pod red. V. G. Bazanova. Moskva, Nauka, 1965. 188 p.
- NECHAEV, E. E., F. S. SHKULEV, and A. M. GMYREV. [At the sources of Russian proletarian poetry] U istokov russkoi proletarskoi poezii. Vstup. stat'ia A. M. Bikhlera. Biograficheskie spravki, podgotovka teksta i prim. R. A. Statevskoi i O. E. Afonimov. Moskva, Sovetskii pisatel', 1965. 450 p. (Biblioteka poeta. Bol'shaya seriya. 2 izd.)
- NECHUI-LEVYTS'KYI, I. S. [Collected works in ten volumes] Zibrannia tvoriv u desiaty tomakh. Kyiv, Naukova dumka. Vol. 1. [Poetic works] Prozovi tvoriv. 1965. 376 p.
- NEDOSEKIN, R. K. [We are nineteen years old, stories] Nam deviatnadsat'; rasskazy. [Arkhangelsk] Arkhangel'skoe knizhnoe izd-vo, 1961. 121 p. (NNC)
- NEFELIN, VASYL'. [Love; stories] Liubov, opovidannia. Kyiv, Radians'kyi pys'mennyk, 1965. 144 p. (IU)
- NEKRASOV, N. A. [Collected works in eight volumes] Sobranie sochinenii v vos'mi tomakh. Pod obshchey red. K. I. Chukovskogo. Moskva, Khudozhestvennaya literatura. Vol. 1. [Verse and poems] Stikhotvoreniia i poemmy. 1965. 1 v. (CIY) (KU)
- NEMTSOV, V. I. [Altair (Lucky star), a science-fiction novel. Fragment of the sun, a science-fiction tale. Last intermediate station, a novel] Al'tair (Schaftli-vala zvezda), nauchno-fantasticheskii roman, Oskolok solntsa, nauchno-fantasticheskaya povest', Poslednii polustanok, roman. Moskva, Sovetskii pisatel', 1965. 836 p.
- NESTOROVYCH, V. T. [Henris and hurricanes, an historical novel] Serisia i burevii; roman-reportazh. Detroit, 1965. 488 p. (CoU)
- [NEW HUNGARIAN STORIES. Translated from the Hungarian] Noveye vengerskie rasskazy. Moskva, Progress, 1965. 612 p. (NNC)
- NIKULIN, L. V. [Dead swell; a chronicle novel] Mestvala zyb', ioman-khronika. Moskva, Voenizdat, 1965. 350 p.
- NILIN, P. F. [Brutality. Term of probation; tales] Zhestokost', ispytatel'nyi arok; povesti. [Moskva, Sovetskii pisatel', 1964] 390 p. (MIU) (NNC) (NoD)
- [NOT A WORD ABOUT REST, recollections about Vasyi' Elian (Blakynyl)] Ni slova pro spokii, apohady pro Vasyia Eliana (Blakyncho). Kyiv, Dnipro, 1965. 198 p. (NeU)
- NOVICH, I. S. [Literary testament of Gori'kii; his work "Life of Klim Samgin"] Khudozhestvennoe zaveshchaniye Gori'kogo; "Zhizn' Klina Samgina." Moskva, Sovetskii pisatel', 1965. 537 p.
- OLEKSIUK, M. M. [Fire from the guelder-rose; verse] Kalynovy zhari; poezii. L'viv, Kameniai, 1965. 26 p.
- ORDUBADI, M. S. [Underground Baku, an historical novel. Translated from the Azerbaijani] Podpol'nyi Baku, istoricheski ioman. Baku, Azerbaidzhan'skoe gos. izd-vo. [Book 1.] 1965. 342 p.
- OREL, ARTEM. [Dictionary of foreign words] Slovnyk chuzhomovnykh slov. New York, 1963-1964. 2 v. (NN)
- ORESHIN, P. V. [Verse] Stikhi. Saratov, Privolzhskoe knizhnoe izd-vo, 1964. 130 p. (NIC)
- ORLOV, V. I. [Hundred variations on the theme of an old fairy tale] Sto variatsii na temu staroi skazki. Moskva, Sovetskaya Rossiya, 1964. 253 p. (MH)
- OSIN, D. D. [Inflammable stone, a tale] Gorluch-kamen'; povest'. Moskva, Sovetskii pisatel', 1965. 330 p. (MH) (NIC)
- OSTROVSKII, A. N. [Selected works] Izbrannye proizvedeniia. Moskva, Det'skaya literatura, 1965. 556 p. (Shkol'naya biblioteka)
- PADERIN, I. G. [When the rocks are in bloom (the last blow), a novel] Kogda tsvetut kamni (poslednii udar); ioman. [Groznyi] Checheno-Ingushskoe knizhnoe izd-vo, 1965. 412 p.
- PANCU-IASI, O. [Big news about a small boy. Translated from the Rumanian] Bol'shaya novost' o malen'kom mal'chuke. Moskva, Det'skaya literatura, 1965. 17 p. (Biblioteka detskogo snda)
- PAS'KO, S. [Two concerts] Dva kontserta. [Kishinev, Kartia Moldoveniaske, 1965] 70 p.
- PASLIADOVICH, MAKAR. [Green envelope; stories] Zlatony kanvert; apaviddannia. Minsk, Belarus', 1964. 174 p. (NN)
- PAVLOVSKII, O. P. [Leshka's spring; a story] Leshkina vesna, rasskaz. [Kemerovo, Kemerovskoe knizhnoe izd-vo, 1963] 94 p.
- PECHENIUK, I. P. [Pope Joan, or how a woman became pope, an historical story] Papa Ivanna, abo tak zhinka bula papoiu, istorichne opovidannia. Winnipeg, 1961. 87 p. (IU)
- PEIZOV, B. G., ed. [Literature and aesthetics] Literatura i estetika, sbornik statei. [Leningrad] Izd-vo Leningr. univ., 1960. 335 p. (GEU)
- PEROV, GRIGORII. [Punctual rooster; satirical and humorous verse] Tochnyi petukh; satiricheskie i humoristicheskie stikhi. Kishinev, Kartia Moldoveniaske, 1965. 299 p.
- PETROV, I. V. [Be beautiful, a novel] Bud'te krasivymi; roman. Moskva, Voenizdat, 1965. 252 p. (IU) (MH) (NIC)
- PLATNER, ISAAC. [Salt of life, verse. Translated from the Yiddish] Sol' zhizni; stikhi. Moskva, Sovetskii pisatel', 1961. 103 p. (NNC)
- PLATOV, L. D. [Secret fairway; a novel] Sekretnyi iarvater; ioman. Tashkent, Ob'edinennoe izd-vo TsK Kompartii Uzbekistana, 1965. 507 p. (Dla starshego vozrasta)
- POLEVOI, B. N. [Tale about a real man. Companions [By] V. F. Panova] Povest' o nastoiashchem cheloveke. Spuniki [By] V. F. Panova. Moskva, Khudozhestvennaya literatura, 1965. 488 p. (Velikaya Oleshestvennaya...)

- POLEVOI, B. N., and N. N. ZHUKOV [Our Lenin] Nash Lenin. Moskva, Detekina literatura, 1965. 140 p. (Shkol'naya biblioteka)
- POLIAKOV, V. I. [Native home] Rodnoi dom. [Moskva] Pravda, 1958. 211 p. (IU)
- POLJANEC, R. F., and S. M. MADATOVA-POLJANEC, comp. [Russian-Serbo-Croatian dictionary] Russko-khorvatskosrbskii slovar'. Zagreb, Skolska knjiga, 1952. xi, 996 p. (NN)
- POMERANTSEV, V. M. [Unhurried conversation; tales and stories] Nesposhyai razgovor; povesti i rasskazy. Moskva, Sovetskii pisatel', 1965. 343 p. (MU)
- POZDNIakov, S. I. A bow to the ground, lyrics] Zemnol poklon; lirika. Tula, Priokskoe knizhnoe izd-vo, 1964. 70 p. (IU) (NIC)
- PRELOVSKII, A. V. [Prospectors Fifth corner. Little person. Branch of the autumn rowan. At the round table] Starateli. Piatyi ugol. Malen'kii chelovek. Velika osennii iabiny. Za kruglym stolom [Irkutsk, Vostochno-Sibirskoe knizhnoe izd-vo, 1964] 174 p. (MU)
- [PRESS, RADIO, AND TELEVISION IN AFRICAN COUNTRIES, a concise reference] Pechat', radio i televiziya stran Afriki, kratkii spavochnik. Moskva, IMO, 1965. 227 p.
- PRESTAVKIN, A. I. Seliger Seligorovich. Moskva, Sovetskaya Rossiia, 1965. 164 p.
- PRUTKOV, KOZ'MA, pseud. [Works] Sochineniia. Moskva, Khudozhestvennaya literatura, 1965. 440 p. (CLU)
- PUSHKIN, A. S. [Collected works in three volumes] Sochineniia v trikh tomakh. Moskva, Khudozhestvennaya literatura, 1964. 3 v. (KU) (MU)
- PUSIKIN, A. S. [Verse] Stikhi. Moskva, Gos. izd-vo detskoi lit-ry, 1962. 27 p. (Shkol'naya biblioteka dlia norusskikh shkol) (CUU)
- RADOV, G. G. [Chelombit'ko and Likhoded] Chelombit'ko i Likhoded. [Moskva] Molodaya gvardiia, 1965. 209 p. (MU)
- RAGIMOV, S. G. [Fountain of life; tales, stories, reminiscences. Translated from the Azerbaijani] Kitch zhitun; povesti, rasskazy, voapominaniia. Moskva, Sovetskii pisatel', 1965. 589 p.
- REDRO, P. P. [Humanity, verse] Liudianist', poezi. Kyiv, Radians'kii pys'mennyk, 1965. 158 p. (IU) (NN)
- REKEMCHUK, A. E. [Comrade Hans, a tale] Tovariatskii Hans, povest'. Moskva, Molodaya gvardiia, 1965. 236 p.
- RENDIS, DIMOS. [The gods come down from Olympus; adventur e tale. Translated from the Rumanian] Boly apuskniut'ala Olimpu; pryhodnyia'ka povest'. Kyiv, Molod, 1964. 224 p. (NN)
- REZCHIKOV, M. A. [A strange street; a play in 3 acts and 6 scenes] Chuzhaya ulitsa; p'esa v 3 doistviakh, 6 kartinakh. Riga, Latvieskoe gos. izd-vo, 1963. 80 p. (IU)
- RIZNYCHENKO, T. N. [In the new poetic orbits] Na novykh poetychnykh orbitakh. Kyiv, Naukova dumka, 1965. 161 p. (NCU)
- RODARI, GIANNI. [Hello, children. Translated from the Italian] Zdravstvuite, doli. Minsk, Gos. ucheb.-pedagog. izd-vo M-vy prosvetshcheniia BSSR, 1957. 63 p. (Shkol'naya biblioteka) (IU)
- ROMANENKO, L. N. [The earth's breath] Zemnoe dykhanie. Riga, Latvieskoe gos. izd-vo, 1965. 124 p. (NIC)
- ROMM, M. D. [Lever of Archimedes; tales and stories] Ryechag Arkhimeda; povesti i rasskazy. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1962. 206 p.
- ROSTOVTSSEV, E. I. [Hour of trials, a novel] Chas ispytani, roman. Kiev, Molod', 1963. 206 p. (WU)
- ROZANOV, V. A. [Gods come to earth, a tale] Bogi skhodiat na Zemliu; povest'. Moskva, Sovetskii pisatel', 1964. 222 p. (KU)
- ROZANOVA, L. A. [Aleksandr Nikolaevich Ostrovskii, a biography. A student's textbook] Aleksandr Nikolaevich Ostrovskii, biografiia. Posobie dlia uchashchikhsia. Moskva, Prosveshchenie, 1965. 137 p.
- RUDNYI, V. A. [Active fleet, stories, sketches, diaries] Deistvuiushchii flot, rasskazy, ocherki, dnevniki. Moskva, Voenizdat, 1965. 581 p.
- RUSANIVSKYI, V. M. [New developments in Ukrainian orthography] Nove v ukrains'komu pravopysli. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 36 p. (CUY)
- [RUSSIAN FOLK TALES] Russkie narodnye skazki. Moskva, Khudozhestvennaya literatura, 1965. 383 p.
- [RUSSIAN-PERSIAN DICTIONARY 36,000 words] Russko-persidskii slovar'. 36000 slov. Sost. I. K. Ovchinnikova, G. A. Fuzigant i Sh. M. Badr. Pod red. A. Asadullayeva i L. S. Petalkova. S prilozheniem kratkogo ocherka "Osnovnye russko-persidskie grammaticheskie sootvetstviia," sostavlennoho I. K. Ovchinnikovoi. Moskva, Sovetskaya Entsiklopediia, 1965. 1081 p.
- RÜZICKA, RUDOLF, ed. [Russian-German dictionary] Russisch-deutsches Wörterbuch. Leipzig, Veb Verlag Enzyklopädie [1963] 391 p.
- RYZHIKOV, I. V. [The warmth of your hand] Toplo tvoei ruki. Moskva, Sovetskaya Rossiia, 1965. 86 p. (Poeticheskaya Rossiia) (MU)
- SALTYKOV, M. E. [Collected works] Sobranie sochinenii. Red. kollegiia. A. S. Dushmin i dr. Izd. osvushchestvlietelska sovmestno s In-tom uskok lit-ry (Pushkinskii dom) Akad. nauk SSSR. Moskva, Khudozhestvennaya literatura, 1965. 20 v. (KU) (NCU)
- SALTYKOV, M. E. [Tales] Skazki. Moskva, Khudozhestvennaya literatura, 1964. 230 p. (Narodnaya biblioteka) (PPIU)
- SAMARIN, VLADIMIR. [Sand bar, stories] Peshechannai otvot', rasskazy. [Washington, D.C.] Russkaya kniga, 1964. 47 p. (MU)
- SAPAROV, A. [Little boy from Leningrad; from notebooks of the front] Mal'chishka iz Leningrada; iz frontovykh tetradi. Leningrad, Detekina literatura, 1965. 180 p. (Dlia srednego i starshego vozrasta)
- SCOTT, Sir WALTER. [Collected works in twenty volumes] Sobranie sochinenii v dyadtsati tomakh. Pod obshchii red. B. G. Reizova, R. M. Samarina, B. B. Tomashevskogo. Moskva, Khudozhestvennaya literatura. Vol. 10. [The tallman. Poems and verse. Translated from the English] Tallman. Poemy i stikhotvorenii. 1965. 787 p.
- [THE SEARCH GOES ON] Polsk prodolzhaetsia. Iakutsk, Iakutskoe knizhnoe izd-vo, 1964. 126 p.
- SEMEONOVSKII, KONSTANTIN. [Red leaves] Krasnye list'ia. Kishinev, Karlia Moldoveniaske, 1965. 108 p.
- SHABLOVSKYI, E. S. [By the paths of unity; Ukrainian literature in its historical development] Shliukhamy iednannia; ukrains'ka literatura v ii istorichnomu rozvytku. Kyiv, Dnipro, 1965. 368 p. (NCU)
- SHAIAN, VOLODYMYR. [Ballad about Sviatoslav] Ballada pro Sviatoslava. London, Orden, 1965. 32 p. [Publ. under his pseud. Volodymyr]
- SHAKESPEARE, WILLIAM. [Hamlet, prince of Denmark; tragedy in five acts. Translated from the English] Gamlet, Prints Datskii; tragediia v piati aktakh. Moskva, Iskusstvo, 1964. 200 p. (FTASU)
- SHAVALIEV, DAVA. [Well-wishing. Translated from the Kalmyk] Blagopozhelaniia. Elieta, Kalmyshskoe gos. izd-vo, 1964. 46 p. (IU)
- SHAW, GEORGE BERNARD. [Don Giovanni explains; stories. Translated from the English] Don Zhuan daet ob'iasneniia, rasskazy. Moskva, Pravda, 1965. 47 p. (Biblioteka "Ogonek," no 26)
- SHCHEGLOVA, N. A. [Terminology of gun production in the 17th and 18th centuries; based on materials from written documents of the Tula region. Author's abstract of a dissertation for the degree of Candidate of Philological Sciences] Terminologicheskaya leksika oruzheino-zhelezodeiatel'nogo proizvodstva XVII-XVIII vekov, po materialam pamiatnikov pla'menosti Tul'skogo kraia. Avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata filologicheskikh nauk. Nauchn. rukovoditel' S. A. Koporski. Moskva, Mask. obl. pedagog. in-t, 1964. 26 p. [MICROFILM]
- SHELLEY, MARY (GODWIN) [Frankenstein, or, The modern Prometheus, a novel. Translated from the English] Frankenstein ili sovremennyi Prometei; roman. Moskva, Khudozhestvennaya literatura, 1965. 245 p.
- SHENGELAI, L. M. [Gvadi Bigva, a novel. Translated from the Georgian] Gvadi Bigva; roman. Moskva, Izvestiia, 1965. 214 p. (Biblioteka "Piat' desiat let sovetskogo romana") [Published under his pseud. Leo Kacheli]
- SHEVCHENKO, T. H. [Collected works] Sochinnie sochinenii. Pod red. A. Deitch, M. Ryl'skogo, N. Tikhonova. Moskva, Khudozhestvennaya literatura. Vol. 1. [Verse and poems, 1837-1847] Stikhotvorenii i poemy, 1837-1847. 1964. 1 v. (CUY)
- SHEVCHENKO, T. H. [Lyric verse] Lirika. L'viv, Kameniar, 1964. 159 p.
- SHEVCHUK, V. I. [Jaroslav Hashek; his life and works] Jaroslav Hashek; zhytta i tvorchist'. Kyiv, Naukova dumka, 1965. 233 p.
- SHEVOROSHKIN, V. V. [Studies on the deciphering of the Carian inscriptions] Issledovaniia po deshifrovke karianskikh nadpisei. Moskva, Nauka, 1965. 358 p.
- SHEVTSOV, I. M. [Along the level valley...; novels] Sredi doliny rovnyia...; romany. Moskva, Voenizdat, 1965. 476 p.
- SHINKUBA, BAGRAT. [Filial duty, verse. Translated from the Abkhazian] Synovni dolg; stikhi. Moskva, Sovetskii pisatel', 1962. 75 p. (NNC)
- SHILAKHU, SAMSON. [Comrade Vania, Soldier behind the plow] Tovaresh Vania. Dupe reybol, Kishinev, Karlia moldoveniaske, 1965. 382 p. [In Moldavian]
- SHOLOKHOV, M. A. [Collected works] Sobranie sochinenii. Moskva, Khudozhestvennaya literatura. Vol. 1. [Stories] Rasskazy. 1965. 1 v. (NIC)
- SHOLOKHOV, M. A. [Virgin land upturned; a novel] Podnataia tselina, roman. Moskva, Izd-vo "Izvestiia." Vol. 1. 1965. 327 p. (Biblioteka "Piat' desiat let sovetskogo romana")
- SHOSHIN, V. A. [The four corners of the earth; verse] Chetyre storony sveta; stikhi. [Leningrad] Lenizdat, 1965. 134 p. (NIC)
- SHTEN, A. P. [A tale on how topics originate] Povest' o tom, kak vznikali sluzhely. Moskva, Iskusstvo, 1965. 319 p.
- SKRYHAN, IANKA. [Say one word; tales and stories] Skazhy adno slova; apovesti i apavliadanni. Minsk, Dziazh. vyd-va BSSR, 1961. 176 p. (IU)
- SKUBA, MYKOLA. [Verse] Poezi. Kyiv, Radians'kii pys'mennyk, 1965. 157 p. (IU)
- SLEPTSOV, P. A. [Russian loan words in Yakut; the prerevolutionary period] Russkie lekseicheskie zaimevovaniia v iakutskom iazyke; dorovolutsionnyi period. Iakutsk, Iakutskoe knizhnoe izd-vo, 1964. 195 p.
- SMIRNOV, S. S. [Brest fortress] Brestskaya krepost'. [Moskva] Molodaya gvardiia, 1965. 494 p. (Tebe v dorogu, romantik) (MU)

- SMIRNOV, S.V. [Heart in orbit, a book of new verse] *Serdtsa na orbite; kniga novykh stikhov*. Moskva, Sovetskii pisatel', 1955. 176 p. (MH)
- SMIRNOV-CHERKEZOV, A.I. [As long as I am alive; stories] *Poka ia zhyv, rasskazy*. Moskva, Sovetskaya Rossiia, 1955. 82 p. (Korotkie povesti i rasskazy) (MH)
- SOTNIKOV, B.I. [The flyers, a tale and stories] *Letchiki, povest' i rasskazy*. [Dnepropetrovsk] Dnepropetrovskoe knizhnoe izd-vo, 1961. 227 p. (NNC)
- STEPANIUK, I.V. [Days are flowing, verse and stories] *Skrumut' dni; poezi i ta opovidannia*. Kyiv, Radians'kyl pys'mennyk, 1955. 142 p. (IU) (NN)
- STAROSTIN, B.A. [Transcription of personal names, a practical aid] *Transkriptsiia sobstvennykh imen; prakticheskie posobie*. Izd. 2., ispr. i dop. Moskva, Kniga, 1964. 90 p.
- STETSIUK, I.A.N. [Zelenyi Kut, a novel] *Zelenyi Kut*, roman. L'viv, Kameniar, 1965. 226 p.
- STRUTSIUK, I.H. [Declaration; verse] *Osvidchennia, poezi*. L'viv, Kameniar, 1965. 24 p.
- SUDRABKALNS, JANIS. [Verse. Translated from the Latvian] *Stikhi*. Moskva, Knudzhestvennaya literatura, 1964. 198 p.
- SUPRUN, MARIA. [Ardent hearts, a tale] *Gorlachie serdtsa, povest'*. Minsk, Gos. izd-vo BSSR, 1963. 155 p. (NNC)
- SVIRIDOV, G.I. [Sentenced to immortality] *Prigovorenyye k bessmertiu*. [Moskva] Profizdat, 1965. 317 p. (MH)
- SVIRSKII, G.T. [Lenin Prospect, a novel] *Leninskii prospekt*, roman. Moskva, Sovetskii pisatel', 1964. 374 p. (KU)
- SYDYBEKOV, TUGEL'BAI. [Among the mountains; a novel. Authorized translation from the Kirghiz] *Sredi gor*; roman. Moskva, Izvestiia, 1965. 707 p. (Biblioteka plat'desiat let sovetskogo romana) (MI)
- SYSEV, E.I. [Prompted by the heart] *Sordtsem podsakano*. [Tambov] Tambovskoe knizhnoe izd-vo, 1962. 18 p. (Knizhka-rasskaz) (IU)
- SYZONENKO, O.O. [White clouds; a novel] *Bili khmary*; roman. Kyiv, Radians'kyl pys'mennyk, 1965. 302 p. (CaOTU) (IU)
- TAULAI, VALIANTEIN. [Verse] *Poezii*. Kyiv, Radians'kyl pys'mennyk, 1964. 120 p. (NN)
- TERIAN, MUHAMMAD FAKI. *Sheikh San'an*. Kriticheski tekst, perovod, primechaniia i predislavie M.B. Rudenko, Moskva, Nauka, 1965. 157 p. [In Russian and Kurdish]
- TERENT'EV, N.T. [What is this happiness. Translated from the Chuvash] *Chto zhe takoe schasti'e*. [Cheboksary] Chuvashskoe knizhnoe izd-vo, 1964. 83 p. (IU)
- TERESHCHENKO, N.M. [Nenets-Russian dictionary; with a brief sketch of the grammar and vocabulary of the Nenets language. About 8,000 words] *Nenetsko-russkii slovar'*; s kratkim ocherkom grammatiki i leksiki nenetskogo iazyka. V sostavlenii slovaria prinimall uchastie S.P. Ladukel, L.P. Komarova i M.N. Ariseeva, Slovar' soderzhit okolo 8000 slov. Leningrad, Gos. uchbenno-pedagog. izd-vo, 1955. 314 p. (WU)
- TEVEKELIAN, V.A. [Beyond the Moskva River; a novel] *Za Moskvou-rekol*; roman. [Moskva] Mosk. rabochii, 1964. 374 p. (CU) (KU)
- [THROUGH TIME: Pavel Kogan, Mikhail Kul'chitskii, Nikolai Maiorov, Nikolai Orada] *Skvoz' vremena*; Pavel Kogan, Mikhail Kul'chitskii, Nikolai Maiorov, Nikolai Orada. Moskva, Sovetskii pisatel', 1964. 213 p. (Stikhi poetov i vospominaniia o nikh) (NIC)
- TITOV, F.I. [The bridge, stories] *Most; rasskazy*. Petrozavodsk, Karelskoe knizhnoe izd-vo, 1964. 76 p. (IU)
- [TODAY, verse of Kazakh poets] *Segodnashni den'*, stikhi kazakhskikh poetov. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1958. 473 p. (Dekada kazakhskogo iskusstva i literatury v Moskve, 1958) (InU)
- TOLSTOI, A.N. [Peter the First; a novel] *Petr Pervyi*, roman. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 589 p. (Shkol'naya biblioteka) (MoSU)
- TORIN, V.E. [Man has trouble; a tale] *U cheloveka beda, povest'*. Kiev, Molod', 1963. 168 p. (IU)
- TRIFONOV, I.V. [Thirst quenching; a novel] *Utolenie zhazhdy*, roman. Moskva, Sovetskii pisatel', 1965. 367 p.
- TROEPOL'SKII, G.N. [Candidate of science; a partially satirical tale] *Kandidat nauki, povest'*, ocherki satiricheskaya. Moskva, Sovetskaya Rossiia, 1962. 208 p. (NNC)
- TROFIMOV, V.N. [Ways and roads, verse] *Puti-dorogi*, stikhi. Petrozavodsk, Karelskoe knizhnoe izd-vo, 1964. 77 p. (IU)
- TURCHYN'SKA AHATA. [Late summer; selected verse and poems] *Potilia; vybrani vtrshi ta poemu*. Kyiv, Dnipro, 1965. 332 p. (NN)
- TURGENEV, I.S. [Complete collection of works and letters in twenty-eight volumes; works in fifteen volumes] *Polnoe sobranie sochinenii i pismen v dvadtsati vos'mi tomakh; sochineniia v plinadtsati tomakh*. Moskva, Nauka, [Works] *Sochineniia*. Vol. 9. [Tales and stories, "Smoke," 1860-1867] *Povesti i rasskazy*, "Dym," 1860-1867. 1965. 557 p.
- TURGENEV, I.S. [A sportsman's sketches] *Zapiski okhotnika*. Moskva, Gos. izd-vo detskoi lit-ry, 1963. 223 p. (Shkol'naya biblioteka) (MIEM)
- TURICHIN, I.A. [Extreme case, a narrative tale about a soldier] *Krainii sluha, povest'-skazka pro soldata*. Leningrad, Detskaya literatura, 1965. 94 p. (Dlia starshego shkol'nogo i mladshogo shkol'nogo vozrasta)
- [UKRAINIAN WRITERS; a bibliographic guide in five volumes] *Ukrains'ki pys'mennyky, bio-bibliografichniy slovnyk u p'iaty tomakh*. Red. kotshia, O.I. Bilots'kyl ta inshi. Kyiv, Dnipro, Vol. 4. Cherkashyn, O.I. and others, comps. [Soviet literature, A-K] *Radians'ka literatura A-K*. 1965. 847 p.
- VACHEK, JOSEF, and JOSEF DUBSKY. [Linguistic dictionary of the Prague school. Translated from the French, German, English, and Czech] *Lingvisticheski slovar' Prazhskoi shkoly*. Pod red. i s predisl. A.A. Reformatskogo. Moskva, Progress, 1964. 349 p. (CST) (MIU) (NcD) (NcU)
- VANČURA, VLADISLAV. [Kubula and Kuba Kubikula; a narrative tale. Retold from the Czech] *Kubula i Kuba Kubikula; povest'-skazka*. Moskva, Detskaya literatura, 1965. 77 p. (Dlia mladshogo shkol'nogo vozrasta)
- VANIN, K.T. [Of an ordinary life; stories] *Zhizni riadovol*, rasskazy. Moskva, Sovetskaya Rossiia, 1965. 174 p. (IU) (MH) (NNC)
- VASIL'CHIKOV, S.A. [Formation; a novel] *Stanovlenie*; roman. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1964. 221 p. (MIU)
- VASILENKO, I.A. [Historical grammar of the Russian language; a collection of exercises] *Istoriicheskaya grammatika russkogo iazyka; sbornik uprazhnenii*. Izd. 2., ispr. i dop. Moskva, Prosveshchenie, 1965. 298 p.
- VEL'FIMDOVSKAIA, I.A. [Forest story, tales and stories] *Lesnaya istoriia; povesti i rasskazy*. Moskva, Sovetskii pisatel', 1963. 203 p. (MH) (NNC)
- VELICHKO, A.A. [Lermontov in the war; stories about the beauty of the soul] *Lermontov v pokhode, rasskazy o krasote dushovnoi*. Moskva, Sovetskaya Rossiia, 1964. 47 p. (NJP)
- VELIMIROVIĆ, E.L. [Unreaped field; posthumously collected works] *Noszhatala polosa, posmeri nyl sbornik trudov*. [Belgrade, Politika] 1956. 200 p. (IU)
- VEDINA, V.P. [Polish proletarian prose in the twenty years between the wars, 1918-1939; on the formation of a method] *Pol'ska proletars'ka proza mizhvolennogo dvadtsiatykh let (1918-1939), do pytannia stanovlennia metody*. Kyiv, Naukova dumka, 1965. 216 p.
- VIERU, GRIGORE. [Verse] *Versei*. [Kishineu, Kartia moldovenaske, 1965] 268 p. [In Moldavian]
- VIGDOROVA, F.A. [Family happiness. Favorite stories; tales] *Semeynoe schasti'e. Liubimaya ulitsa, povesti*. Moskva, Sovetskii pisatel', 1965. 525 p.
- VIKULOV, S.V. [Bread and salt; verse and poems] *Khlo da sol', stikhi i poemu*. Moskva, Sovetskii pisatel', 1965. 131 p.
- VILAI, M.A. [The struggle of the democratic press of southern Azerbaijan for national liberation] *Chenubi Azerbajchanda milli azadlyg ugrundu demokratik metbuatyn muharizeti (1945-1948-chy iller)* Bakı, Dövlet neşriyyatı, 1963. 101 p. [In Azerbaijani]
- VILENS'KYI, S.D. [Pais full of beauty; verse. Translated from the Yiddish] *Poynt vidra krasu; poezi*. L'viv, Kameniar, 1965. 27 p.
- VINNIKOVA, I.A. [I.S. Turgenev in the sixties, studies and observations] *Turgenev v shestidtsatye gody; ocherki i nabludeniia*. Pod red. E.I. Pokusheva. [Sarátov] Izd-vo Sarátovskogo univ., 1965. 113 p.
- VODE, GEORGE. [Autumn lights; verse] *Fokur' de toamne*. Kishineu, Kartia Moldovenaske, 1965. 91 p. [In Moldavian]
- VODOP'IANOV, M.V. [Siberian character] *Sibirskii kharakter*. Moskva, Izd-vo DOSAAF, 1958. 44 p. (IU)
- VOLKODAEV, P.I. [Green warf; verse] *Zelenaya pristan'*, stikhi. Minsk, Gos. izd-vo BSSR, 1960. 68 p. (NNC)
- VOROB'EV, E.Z. [Blots on marble, remarks of a writer] *Klaksy na mramore; zametki pisatelya*. Moskva, Politizdat, 1965. 197 p.
- VOVK, VIRA, pseud. [Lodestar] *Zoria providna*. Muntch, Molode zhyttia, 1955. 72 p. (IU)
- WASILEWSKA, WANDA. [Collected works. Authorized translation from the Polish] *Sobranie sochinenii*. Moskva, Gos. izd-vo khudozh. lit-ry, 1954-1955. 4 v. (NIC)
- [WHITE RUSSIAN FOLK TALES; retold by Oles' Iakimovich] *Belorusskie narodnye skazki; pereskaz Olesia Iakimovicha*. Minsk, Belarus', 1964. 479 p. (NN)
- [WINGED WISDOM; Azerbaijani folk proverbs and sayings. Translated from the Azerbaijani] *Krylatata mudrost'*; azerbaidzhanskije narodnye posloviyey i pogovorki. Baku, Azernashr, 1965. 137 p.
- ZABELIN, I.M. [Riddles of Khairkhan; science-fiction tales] *Zagadki Khairkhana; nauchno-fantasticheskie povesti*. Moskva, Sovetskaya Rossiia, 1961. 186 p. (NNC)
- ZHESTEV, M.I. [The earth's living soul; a tale] *Zemli zhivaya dusha; povest'*. Moskva, Sovetskii pisatel', 1965. 176 p. (IU)

ZHIGZHITOV, M.I. [Crime in the taiga, stories and a tale] Prestupleniye v taigo, rasskazy i povesti'. Ulan-Ude, Buralatskoe knizhnoe izd-vo, 1964. 103 p. (NIC) (NNC)

ZIELINSKI, STANISLAW. [Black tulips. Translated from the Polish] Chernye tul'pany. Moskva, Izd-vo "Progress", 1964. 253 p. (JTPB)

ZLATOGOROV, M.L. [People dear to my heart, short tales and sketches] Liudi, serdtsu dorgie; malen'kie povesti i ocherki. Moskva, Sovetskii pisatel', 1965. 214 p. (IU) (MH) (NIC)

ZUKROWSKI, WOJCIECH. [Wanderings with my Guru. Translated from the Polish] Stanavlia s moim Guru Moskva, Mysl', 1965. 237 p. (Puteshestviya, priklucheniya, fantastika)

ZVEGINTEV, V.A. [History of linguistics during the 19th and 20th centuries in essays and excerpts] Istoriya lingvistiki XIX-XX vekov v ocherkakh i izvlecheniyakh. [Izd. 3., dop.] Moskva, Prosveshchenie. Pt. 2. 1965. 494 p.

12. GEOGRAPHY & GEOLOGY

AKADEMIA NAUK SSSR. Geologicheskii institut. [Correlation of Quaternary deposits of Northern Eurasia] Korrelatsiya antropogenovykh otlozhenii Severnoi Evrazii. Moskva, Nauka, 1965. 111 p. (K VII Kongressu INQUA v SShA v 1965 g.)

AKADEMIA NAUK SSSR. Geologicheskii institut. [Stratigraphic importance of the Quaternary fauna of small mammals] Stratigraficheskoe znachenie antropogenovoi fauny melkikh mlekopitalushchikh. Moskva, Nauka, 1965. 170 p. (K VII kongressu INQUA v SShA v 1965 godu)

AKADEMIA NAUK SSSR. Institut geokhimii i analiticheskoi khimii. [Geochemical studies under conditions of increased pressures and temperatures] Geokhimicheskie issledovaniya v oblasti povyshennykh davlenii i temperatur, sbornik statei. Pod red. N.I. Khitarova. Moskva, Nauka, 1965. 201 p.

AKADEMIA NAUK SSSR. Komissiya po opredeleniiu absolutnogo vozrasta geologicheskikh formatsii. [Methodological problems of isotopic geology] Metodicheskie voprosy izotopnoi geologii. Moskva, Nauka, 1965. 161 p.

AKADEMIA NAUK SSSR. Paleontologicheskii institut. [Paleontological dictionary] Paleontologicheskii slovar'. Pod red. G.A. Beznosovoi i F.A. Zhuravlevoi. Moskva, Nauka, 1965. 615 p.

AKADEMIA NAUK SSSR. Sibirskoe otdelenie. [Paleontology and biostratigraphy of Paleozoic and Triassic deposits in Yakutia] Paleontologiya i biostratigrafiya paleozoicheskikh i triasovykh otlozhenii Iakutii. Moskva, Nauka, 1965. 120 p. illus.

AKADEMIA NAUK SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. [Basic problems in the study of the Quaternary period; for the 7th Congress of INQUA, U.S.A., 1965] Osnovnye problemy izucheniya chetvertichnogo perioda; k VII Kongressu INQUA (SShA, 1965). Moskva, Nauka, 1965. 496 p.

AKADEMIA NAUK SSSR. Sibirskoe otdelenie. Institut merzlotovedeniya. [Processes of heat and mass exchange in frozen rocks] Protseessy teplo- i massoobmena v meryzlykh gornykh porodakh. Moskva, Nauka, 1965. 145 p.

AKADEMIA NAUK URSSR. Kiev. [Applied problems of the geography of the Ukrainian S.S.R.] Prikladni pytannia geografii Ukrainy'kol RSR. Kyiv, Naukova dumka, 1964. 129 p. (MH)

AKADEMIA NAUK URSSR. Kiev. [Pavel Apollonovich Tutkovskii, 1858-1930; a bibliographical index] Pavlo Apollonovych Tutkovskiy, 1858-1930; bibliografichnyi pokazhyk. Vstup. statiya O.K. Kaparenko-Chernousoyol. Uporiadkuvana i vidredahuvala bibliografiu K.O. Kovlenko. Kyiv, Naukova dumka, 1965. 69 p.

AKADEMIA NAUK URSSR. Kiev. Institut geologicheskikh nauk. [Geochronology of the Precambrian of the Ukraine] Geokhronologiya dokembriya Ukrainy. Kiev, Naukova dumka, 1965. 261 p.

AKADEMIA NAUK URSSR. Kiev. Komissiya vyvchannia chetvertichnogo periodu [Materials on the Quaternary period of the Ukraine] Materialy po chetvertichnomu periodu Ukrainy. Otv. red. V.G. Bondarchuk. Red. vyp. V.N. Shelkopiias. Kiev, Naukova dumka, 1965. 328 p. (K VII kongressu Mezhdunarodnoi Assotsiatsii po izucheniu chetvertichnogo perioda (INQUA))

ALBAGACHIEVA, V.A. [Conditions of the formation of slightly mineral hot springs in northern Transbaikalia] Uslovia formirovaniya istochnikov tipa akrototerm v severnom Zabalka'e. Moskva, Nedra, 1965. 78 p.

ALEKSANDRI-SADOVA, T.A. [Lamellibranchiata from Carboniferous sediments in the Karaganda Basin] Platinclatobrachiiye iz kamennougolnykh otlozhenii Karagandinskogo basseinu. Moskva, Nauka, 1965. 67 p. illus.

DOBOVOL'SKII, A.D., and B.S. ZALOGIN. [Seas of the U.S.S.R.; their nature and utilization] Moria SSSR; priroda, khoziasstvo. Moskva, Mysl', 1965. 350 p.

DZOTSENIDZE, G.S. [Influence of volcanism on sedimentation] Vliyanie vulkanizma na obrazovanie osadkov. Moskva, Nedra, 1965. 152 p.

EFENDIEV, R.S. [Specimens of the material culture of Azerbaijan; clothing] Azerbajchany maddi medenijet numuneleri; kojmlor. Baky, Azerbajchan Dvlet nesirlijeti, 1960. 34 p. illus. [In Azerbaijan] [MICROFILM]

[GEOLOGICAL STUDIES OF THE U.S.S.R.] Geologicheskaya izuchennost' SSSR. Moskva, Nauka. Vol. 24. [The R.S.F.S.R. Irkutsk Province; period 1941-1950] RSFSR. Irkutskaya oblast', period 1941-1950. No. 1. [Published works] Opublikovannye raboty. 1965. 177 p.

[GET ACQUAINTED WITH MUKHACHEVO, BEREGOVO AND KHUSTI] Znakom'tes' - Mukhachevo, Beregovo, Khusti! Uzhgorod, Karpaty, 1964. 108 p. illus. (NIC)

GOLOVNIY, V.M. [Captain of the Navy Golovniy's voyage around the world on the sloop of war "Kamchatka" in 1817, 1818 and 1819] Puteshestvie vokrug sveta, svoi shennoe na voennom shtupo "Kamchatka" v 1817, 1818 i 1819 godakh flota kapitanom Golovniym. Moskva, Mysl', 1965. 383 p.

GRIN, A.M. [Dynamics of the water balance of the Central Chernozem region] Dinamika vodnogo balansa Tsentral'no-Chernozemnogo raiona. Moskva, Nauka, 1965. 145 p.

IGNAT'EV, G.M. [North America; its physical geography] Severnaya Amerika; fizicheskaya geografiya. Moskva, Prosveshchenie, 1965. 273 p. maps (insert)

ILENOK, S.S. [Petrology of the gabbro syenite complex of Gornaya Shorlun] Petrologiya Gabbro-Sienitovogo kompleksa Gornoi Shorli. Tomsk, Izd-vo Tomskogo univ., 1964. 128 p.

IVANTYSHYN, M.M., A.P. ZAIETS', and V.P. KUTS. [Accessory rare minerals and dispersed elements in metamorphic rocks of the Ukrainian crystalline shield] Akcesorni rikidni mineraly ta rozslani elementi v metamorficheskikh porodakh ukrains'koho krystalichnogo shchitya. Kyiv, Naukova dumka, 1965. 69 p.

KAPLINA, T.N. [Cryogenic slope processes] Kriogennye sklonovyye protsessy. Moskva, Nauka, 1965. 204 p.

KARPUSHINA, V.IA. Burundi. Moskva, Nauka, 1965. 86 p.

KHAKHLOV, V.A. [Upper Paleozoic flora of northern Siberia in seven issues] Verkhnepaleozoiskaya flora severa Sibiri [v oeml vypuskah]. Tomsk, Izd-vo Tomskogo univ. No. 1. [Horsetails] Khvoshchevye. 1964. 112 p. illus.

KISHINEV, UNIVERSITET. [Materials for a course on the history of primitive society and the elements of ethnography; methodological textbook for correspondence students of the Faculty of History] Materialy po kursu istorii pervobytnogo obshchestva i osnovam etnografii; metodicheskoe posobie dlia studentov zaachnikov istoricheskogo fakulteta. Kishinev. Pt. 1. 1964. 174 p.

KOZLOV'SKYI, M.F. [Across 15 seas and 2 oceans, travels] Cherez 15 morei i 2 okeana, puteshestviya. [Kiev] Mystetstvo [1964] 1 v. chiefly illus. (Zhizn', mir, ljudi) (MH)

KUZNETSOV, M.A. [Under the roofs of Mirnyy] Pod kryshami Mirnogo. [Odessa] Izd-vo Transport, 1964. 269 p. (NJ2)

[THE LAND OF MORNING FRESHNESS] Strana utrennei svezhosti. Moskva, Izd-vo "Izvestiya", 1965. 102 p. (Biblioteka "Izvestiya")

LESHCHINER, R.E. [Nicaragua] Nikaragua. Moskva, Mysl', 1965. 60 p. (U karty mira)

LIAL'KO, V.I., and G.A. SHNEIDERMAN. [Formation and prediction of the resources of underground waters in arid regions; experimental studies in the southern Ukraine] Formirovanie i prognoz resursov podzemnykh vod zasushlyvlykh i ononnykh eksperimental'nye issledovaniya na primere luga Ukrainy. Kiev, Naukova dumka, 1965. 186 p.

MAMEDALIEV, A.N. [Petrography and conditions governing the Sarmatian sedimentation of western Azerbaijan] Petrografiya i uslovia osadkonakopleniya sarmatskikh otlozhenii Zapadnogo Azerbaidzhana. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 115 p.

MARKOV, N.V. [Lipetsk; a brief guide] Lipetsk, kratkii spravochnik. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1962. 82 p. [MICROFILM]

MOZHEIKO, I.V. [Not only memory... story about a trip to Burma] Ne tol'ko pamiat'... rasskaz ob odnoi poezdke v Birmu. Moskva, Nauka, 1965. 134 p. (Puteshestviya po stranam Vostoka)

MUKHAMEDZHANOV, S.M., and others. [Underground waters of the Tarbagatay Range and its piedmont plains] Podzemnye vody khrebtia Tarbagatay i ego ravninnykh predgorii. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR, 1965. 147 p.

[PALEOGEOGRAPHY OF MOLDAVIA] Paleogeografiya Moldavii. [By] V.M. Bobrinski i dr. Kishinev, Kar-tia Moldoveniaske, 1965. 145 p.

POLIAK, B.G., E.A. VAKIN, and E.N. OVCHINNIKOVA. [Hydrogeothermal conditions in the volcanic area of Kamchatka (the city of Petropavlovsk)] Gidrogeotermicheskie uslovia vulkanicheskogo raiona Kamchatki (g. Petropavlovsk). Moskva, Nauka, 1965. 93 p.

RENGARTEN, V.P. [Key sections of Upper Cretaceous sediments in Dagestan] Opornye razrezy verkhnemolovykh otlozhenii Dagestana. Moskva, Nauka, 1965. 98 p.

SEREBRIANNYI, L.R. [Progress of radiocarbon dating in Quaternary geology; for the 7th INQUA Congress (U.S.A., 1965)] Primeneniye radioisotopnogo metoda v chetvertichnoi geologii. Moskva, Nauka, 1965. 268 p. (K VII Kongressu INQUA (SShA, 1965))

SERGEVA, I.S. [The Republic of Somalia; its geographical characteristics] Somal'skaya respublika, geograficheskaya kharakteristika. Moskva, Mysl', 1965. 160 p.

SHENZAK, O.I. [Structure of the Precambrian of the Ukraine as exemplified by the southwestern part of the Ukrainian crystalline shield] Pro strukturu ukrains'koho dokembriyu; na przykladi pivdenno-zakhidnoi chastyiny Ukrainy'koho krystalichnogo shchitya. Kyiv, Naukova dumka, 1965. 137 p.

SMUUL, JUHAN. [Ice book; Antares diary. Translated from the Estonian] Ledovaya kniga, Antarkicheskii dnevniki. Moskva, 1963. 402 p. (CaQMAL)

SOBOLEV, S.F. [Gabbro-tonalite complex of the Polar Urals; materials on the study of accessory minerals and rare elements] Gabbro-tonalitovyi kompleks Polarnogo Urala; po materialam izucheniya akcesornykh mineralov i redkikh elementov. Moskva, Nauka, 1965. 161 p.

[SOVIET TRANSCARPATIA; a reference book] Sovetskoe zakarpatt'e, spravochnik. Uzhgorod, Karpaty, 1965. 221 p. illus.

SPIDCHENKO, K. I., and others. [Political and economic map of the world] Politicheskaya i ekonomicheskaya karta mira. Moskva, Voennoe izd-vo, 1964. 421 p. maps (NJP)

TAROEVA, R. F. [Material culture of the Karelians (the Karelian A. S. S. R.) an ethnographic study] Material'naya kul'tura karelii (Karel'skaya ASSR), etnograficheskiy ocherk. Moskva, Nauka, 1965. 222 p. illus.

VOZZHENNIKOVA, T. F. [Introduction to the study of fossil peridorian algae]. Vvedenie v izucheniye iskopayemykh peridoriyevykh yodorozelei. Moskva, Nauka, 1965. 155 p.

VSEOSOBUZNYI SIMPOZIUM PO IZUCHENIYU ISKOPAYEMYKH KORALLOV. 1st, Novosibirsk, 1963 [Transactions of the First All-Union Symposium on the Study of Fossil Corals] Trudy. Moskva, Nauka. No. 1. [Tabularlike Ordovician and Silurian corals of the U. S. S. R.] Tabulatomorfnye korally ordovika i silura SSSR. 1965. 137 p. illus. No 2. [Tabularlike Devonian and Carboniferous corals of the U. S. S. R.] Tabulatomorfnye korally devona i karbona SSSR. [1965] 111 p. illus.

ZAR'IAN, NAIRI. [There the cherry blossomed; Japanese sketches. Translated from the Armenian] Tam tsvela vishnia; japonskie ocherki. Moskva, Sovetskii pisatel', 1965. 163 p. (U) (ME)

13. SCIENCE

[ADVANCES IN THE PHYSICAL SCIENCES. Participants in the discussion: N. G. Basov, V. L. Ginzburg, E. V. Shpol'skii] Uspehi fizicheskikh nauk. V vesele uchastvuyut: N. G. Basov, V. L. Ginzburg, E. V. Shpol'skii. Moskva, Izd-vo "Znanie," 1965. 30 p. (Novoe v zhizni, nauka, tekhnika. 9 Seriya. Fizika, matematika, astronomiya, no. 17)

AIZENBERG, T. B., I. M. VORONKOV, and V. M. OSITSKII. [Manual on the solution of problems in theoretical mechanics] Rukovodstvo k resheniyu zadach po teoreticheskoi mekhanike. Pod red. I. M. Voronkova. Izd. 5., perer. Moskva, Vysshaya shkola, 1965. 418 p.

AKADEMIYA NAUK SSSR. Institut istorii estestvoznaniya i tekhniki. [Contradictions in the development of natural science] Protivorechiya v razvitiy estestvoznaniya. Moskva, Nauka, 1965. 351 p. (Zakonomernosti razvitiya nauki)

AKADEMIYA NAUK SSSR. Institut nauchnoi informatsii. [Solid state physics, theory of a solid] Fizika tverdogo tela, teoriya tverdogo tela. Moskva, 1965. 235 p. (logi nauki)

AKADEMIYA NAUK SSSR. Institut problem poredachi informatsii. [Control and switching systems] Sistemy upravleniya i kommunikatsii. Moskva, Nauka, 1965. 136 p.

AKADEMIYA NAUK SSSR. Karel'skii filial, Petrozavodsk. Institut biologii. [Fauna of the lakes of Karelia; invertebrates] Fauna ozer Karel'i; bespozvochnyye. Moskva, Nauka, 1965. 323 p.

AKADEMIYA NAUK SSSR. Matematicheskii institut. [Works on mathematical statistics and the theory of probabilities] Raboty po matematicheskoi statistike i teorii veroyatnostei; sbornik rabot. Pod red. I. V. Linnika. Moskva, Nauka, 1965. 235 p. (DBC)

AKADEMIYA NAUK SSSR. Otdeleniye biologicheskikh nauk. [Abstracts of the papers of the session on problems of the water regime of plants in relation to metabolism and productivity, March 2-7, 1960] Tezisy dokladov sessii po voprosam vodnogo rezhima rastenii v svyazi s obmenom veshchestv i produktivnost'yu, 2-7 marta 1960 g. [Kazan'] Izd-vo Kazanskogo univ., 1960. 128 p. (ICHL)

AKADEMIYA NAUK SSSR. Sibirskoe otdeleniye. Laboratoriya tsitologii rastenii i apomiksii. [Breeding of microbes] Selektivnaya mikroby. Novosibirsk, Redaktsionno-izdatel'skii otdel SO AN SSSR, 1965. 194 p.

AKADEMIYA NAUK URSS. Kiev. [Catalysis and catalysts] Kataliz i katalizatory. Kiev, Naukova dumka, 1965. 184 p. (Respublikanskiy mezhvedomstvennyi sbornik)

AKADEMIYA NAUK URSS. Kiev. [Physics of comets and meteors] Fizika komet i meteorov. Kiev, Naukova dumka, 1965. 128 p. (Seriya "Astronomiya i astrofizika")

AKADEMIYA NAUK URSS. Kiev. [Problems of theoretical cybernetics] Voprosy teoreticheskoi kibernetiki. Kiev, Naukova dumka, 1965. 209 p. (Respublikanskiy mezhvedomstvennyi sbornik: Kibernetika i vychislitel'naya tekhnika)

AKADEMIYA NAUK URSS. Kiev. [Studies in bionics] Issledovaniya po bionike. Kiev, Naukova dumka, 1965. 113 p. (Respublikanskiy mezhvedomstvennyi sbornik)

AKADEMIYA NAUK URSS. Kiev. [Terrestrial vertebrates of the Ukraine, ecology, distribution, history of the fauna] Nazemni khrobovat Ukrainy, ekologiya, poshyennia, istoriya fauny. Kyiv, Naukova dumka, 1965. 123 p. (Respublikanskiy mezhvedomstvennyi sbornik. Seriya "Problemy zoologii")

AKADEMIYA NAUK URSS. Kiev. Institut botaniki. [Key for the identification of plants in the Ukraine] Vyznachnyk roslin Ukrainy. Vyd. 2., vypr. i dop. Kyiv, Urozhai, 1965. 076 p.

AKADEMIYA NAUK URSS. Kiev. Institut zahal'noi ta neorganichnoi khimii. [Physical chemistry and electrochemistry of fused salts] Fizicheskaya khimiya i elektrokimiya rasplavlennykh solei. Kiev, Naukova dumka, 1965. 147 p.

ALENT'EV, O. O. [D. I. Mendeleev's periodic system of elements] Periodychnaya sistema elementiv D. I. Mendeleeva. Kyiv, Radians'ka shkola, 1965. 159 p.

AZERIKOV, V. Z. [The search is going on] Polak v puti. Moskva, Sovetskaya Rossiya, 1965. 73 p. (Khimiya i kommunizm)

BATUEV, A. M. [Marlik and other animals] Marlik i drugie. Leningrad, Detskaya literatura, 1965. 86 p. (Biblotekha pionera "Znai i umei")

BELEN'KII, I. I. [Lectures on operational calculus, for students of power and electrical engineering faculties] Lektsii po operatsionnomu ischisleniyu dlia studentov energeticheskogo i elektromekhanicheskogo fakul'tetov. Novocherkassk, Red.-izd. otdel NPI. Vol. 1. 1960. 1 v. (RPB)

BEREZANSKII, I. M. [Expansion of self-adjoint operators in eigenfunctions] Razlozheniye po sobstvennym funktsii samosopriazhennykh operatorov. Kiev, Naukova dumka, 1965. 798 p.

BILAI, V. I. [Biologically active substances of microscopical fungi and their application] Biologicheski aktivnye veshchestva mikrospokopicheskikh gribov i ikh primeneniye. Kiev, Naukova dumka, 1965. 266 p.

BOGUSLAVSKII, M. G., and K. P. SHEROKOV. [International System of Units (SI); a textbook for lecturers and propagandists] Mezhdunarodnaya sistema edinits (SI), posobie dlia lektorov i propagandistov. Moskva, Izd-vo Standartov, 1965. 56 p.

BRONSHTEIN, V. A. [Radio waves from outer space, lecture and materials] Radiovolny iz mirovykh gubin; material v pomoshch' lektoru. Moskva, Ob-vo po rasprostraneniyu polit. i nauchn. znaniy RSFSR, 1961. 46 p.

[MICROFILM]

BURCHAK, G. P., N. F. BULANOVA, and B. V. ZYLEV. [Methods manual on the solution of problems in theoretical mechanics; dynamics] Metodicheskoe posobie po resheniyu zadach teoreticheskoi mekhaniki, dinamika. Moskva, Mosk. in-t inzhenerov zhelezn. transp., 1962. 103 p.

[MICROFILM]

CHEBOTAREV, G. A. [Analytic and numerical methods in celestial mechanics] Analiticheskie i chislennyye metody nebesnoi mekhaniki. Moskva, Nauka, 1965. 368 p.

CHEREDNICHENKO, L. K. [Physiological calorimetry] Fiziologicheskaya kalorimetriya. Moskva, Nauka, 1965. 134 p.

DAL', K. K. [Manual for workers of anatomical and zoological museums and departments of biology] Posobie dlia rabotnikov anatomiko-zoologicheskikh muzeev i kafed biologii. Dushanbe, Izd-vo AN Tadzhikskoi SSR, 1965. 98 p.

FIKHTENGOL'TS, G. M. [Fundamentals of mathematical analysis] Osnovy matematicheskogo analiza. Izd. 4. Moskva, Nauka. Vol. 2. 1964. 463 p.

GRIBANOV, V. U., and P. I. TITOV. [Exercises in the theory of number] Sbornik uprazhnenii po teorii chisel. Moskva, Prosveshchenie, 1961. 143 p.

GROMOGLASOVA, N. S. [Physics textbook for students of the Preparatory Faculty, division, Mechanics] Posobie po fizike dlia studentov podgotovitel'nogo fakul'teta, razdel' 1: Mekhanika. Moskva, Izd-vo Mosk. univ., 1964. 74 p.

GURSKII, E. I., and V. V. ERSHOVA. [Fundamentals of linear algebra and analytic geometry] Osnovy lineinnoi algebry i analiticheskoi geometrii. Izd. 2., ispr. i dop. Minsk, Vysshaya shkola, 1965. 262 p.

HOLUB, A. M. [Rare-earth elements] Ridskizozemel'ni elementy. Kyiv, Vyd-vo Kyivs'koho univ., 1965. 219 p.

HIRODZINS'KYI, A. M. [Vitamins in the air. Memory of plants. Mushrooms tear the asphalt. Witch bloom] Vitaminy u povitri. Pam'iat' roslyn. Hyby i vut' asfalt. Vid'myna mitla. Kyiv, Naukova dumka, 1965. 180 p. (Naukovo-popul'narna literatura)

HURTOVENKO, E. A. [The quiet sun] Spokoinye solntse. Kyiv, Naukova dumka, 1965. 43 p. (Naukovo-popul'narna literatura)

IL'IN, V. A., and E. G. POZNIAK. [Fundamentals of mathematical analysis] Osnovy matematicheskogo analiza. Moskva, Nauka, 1965. 571 p. (Kurs vysshel matematiki i matematicheskoi fiziki, no. 1)

IMIANOV, I. M., and L. V. CHUDARINA. [Electricity of the free atmosphere, results of measurements during the IGY and IGC] Elekichesvo svobodnoi atmosfery, rezul'taty izmerenii vo vremia MGG i MGS. Leningrad, Gidrometizdat, 1965. 239 p.

INTERNATIONAL GAS CHROMATOGRAPHY SYMPOSIUM. 3d, Schkopau, 1961. [Gas chromatography in 1961; papers presented at the 3d Symposium on Gas Chromatography in the German Democratic Republic (Schkopau, 1961). Translated from the German] Gazovaya khromatografiya v 1961 g., doklady na III Simpoziume po gazovoi khromatografii v GDR (Schkopau, 1961 g.). Moskva, Gos. nauchno-tekhn. izd-vo neftegnoi i gorno-toplivnoi lit-ry, 1963. 187 p. (CU)

IVERONOVA, V. I., ed. [Lecture demonstrations in physics] Lektsionnye demonstratsii po fizike. [By] M. A. Grabovnik i dr. Moskva, Nauka, 1965. 572 p.

JAHNKE, EUGEN, FRITZ EMDE, and FRIEDRICH LÖSCH. [Special functions, formulae, graphs, tables]. Translated from the German] Spetsial'nyye funktsii, formuly, grafiki, tablitsy. Pod red. L. I. Sedov. Moskva, Nauka, 1964. 344 p. diagrs., tables. (Mdu)

KALNIN, R. A. [Algebra and elementary functions] Algebra i elementarnyye funktsii. Izd. 2., ispr. Moskva, Nauka, 1965. 447 p.

KHALATNIKOV, I. M. [Introduction to superfluidity theory] Vvedenie v teoriiu sverkhtekuchestii. Moskva, Nauka, 1965. 167 p. (Sovremennyye problemy fiziki)

KHARIN, A. S. [Catalog of declinations of stars under programs for zenith telescopes in the F. K. 4 system for the epoch of observation and equinox 1950.0] Katalog sklonenii zvezd programm zenit-teleskopov v sisteme FK 4 dlia epokhi nabljudeniya i ravnodeniya 1950.0. Kiev, Akad. nauk URSS, 1963. 99 p. (DN-Ob)

KHIMEL'NYTS'KA, N. M. [Organic chemistry] Organicheskaya khimiya. [Lviv] Vyd-vo L'vivs'koho univ., 1965. 347 p.

KOLODIAZHNYI, V. I. [Methodological problems in the works of K. A. Timirязev and the problems of modern biology] Voprosy metodologii v trudakh K. A. Timirязeva i problemy sovremennoi biologii. Kiev, Naukova dumka, 1965. 249 p.

KORNEVA, E. A. [Evolution of the reflex regulation of cardiac activity] Evolyutsiya refleksnoi regulatsii serdtsheinoi deyatelnosti. [Leningrad] Meditsina, 1965. 249 p.

- KOVALENKO, A. D. [Introduction to the modularity] Vvedenie v teoriyu moduli. Kiev, Naukova dumka, 1965. 201 p.
- KOZEL, S. M., and others. [Problems in physics] Sbornik zadach po fizike. Moskva, Nauka, 1965. 287 p.
- KUDRIASHOVA, Z. N. [Ascomycetes, a methodological manual for correspondence students] Sumchalnye griby (Ascomycetes), uchebno-metodicheskoe posobie dlia studentov-zachetnikov. Pod red. N. A. Dorozhkina. Minsk, Izd-vo M-va vysshago, srednego spetsial'nogo i professional'nogo obrazovanija BSSR, 1962. 53 p. [MICROFILM]
- LANTRATOVA, A. S., and F. A. OVCHINNIKOVA. [Key to trees and shrubs] Opredelitel' derevyev i kustanikov. Petrozavodsk, Karelskoe knizhnoe izd-vo, 1965. 153 p.
- LAPIN, B. A., and L. A. IAKOVLEVA. [Essays on the comparative pathology of monkeys] Ocherki sravnitel'noi patologii obozhan. Moskva, Medgiz, 1960. 301 p.
- LENINGRAD, KHIMIKO-FARMATSEVTICHESKII INSTITUT. [Etymological dictionary of Latin names of medicinal plants] Etimologicheskii slovar' latinskikh nazvanii lekarstvennykh rastenii. Sost. I. P. Mints. Pod red. A. F. Gammernan. Leningrad, 1962. 52 p. (MIU)
- LENINGRAD UNIVERSITET. [Flora of Leningrad Province] Flora Leningradskoi oblasti. Otv. red. B. K. Shishkin. [Leningrad] No. 4. 1965. 350 p.
- LENINGRAD, UNIVERSITET. [Some problems of the methodology of research] Nekotorye voprosy metodologii nauchnogo issledovaniia. [Leningrad] 1965. (Ned)
- LUKASHIN, K. I., and V. K. LUKASHEV. [Science discloses the mysteries of nature] Nauka i skrytye tajny prirody. Minsk, Nauka i tekhnika, 1965. 159 p.
- LUKINA, T. A. Ivan Ivanovich Lepeldin. Moskva, Nauka, 1965. 202 p. (Nauchno-biograficheskaiia serlia)
- LYPA, IURII. [Medicine under our feet, about medication by plants] Liki pod nogami, ili o lekuvanii rasteniami. 3. nezn. vyd. New York, Hawerlin, 1962. 109 p. (IU)
- MAISTRENKO, I. U. [Organic matter of the water and bottom sediments of rivers and bodies of water of the Ukraine, the Dnieper and Danube watersheds] Organicheskie veshchestva vody i domnykh otlozhenii rek i vodotofov Ukrainy; biosferny Dnepra i Dunai. Kiev, Naukova dumka, 1965. 236 p.
- MAKARENIA, A. A. [D. I. Mendeleev on the radioactivity and complexity of elements] D. I. Mendeleev o radioaktivnosti i slozhnosti elementov. Lzd. 2., perer. i dop. Moskva, Atomizdat, 1965. 102 p.
- MARDASHEV, S. R. [Some problems in the regulation of metabolism and natural polymers] Nekotorye problemy regulatsii obmena veshchestv i prirodnye polimery. Moskva, Meditsina, 1965. 82 p.
- MARSHAK, M. E. [Physiological bases of hardening the human organism] Fiziolozicheskie osnovy zakalivaniia organizma cheloveka. 2. izd. [Leningrad] Meditsina, 1965. 140 p.
- MATULAITYTE, S. [Astronomers; a bibliographic index] Astronomai; bibliografinė rodykle. Mokai, red. ir iz. straipinio aut. P. Slavonas. Vilnius, Lietuvos TSR Valstybine respublikine biblioteka, 1965. 79 p. (Tarybu Lietuvos mokslininkai) [In Lithuanian]
- MATVELEV, N. M. [Variants of test papers and test cards for oral examinations in mathematics] Varianty pis'mennykh rabot i biloty dlia usnykh ekzamenov po matematike. [Leningrad] Izd-vo Leningr. univ., 1965. 55 p. (V pomoshch' postupalushchim v vysshe uchebnye zavedeniia)
- MEZENTSEV, V. A. [Chemistry in questions and answers] Khimiia v vopytaniakh i vidpovidakh. Kyiv, 1964. 78 p. (Tovarystvo "Znannia" Ukrain-s'koi RSR. Serlia VI, no. 4/5)
- MEZHEDUVEDOMSTVENNOE SOVESHCHANIE PO ATMOSFERNOMU OZONU. 3d. Leningrad, 1963. [Atmospheric ozone; materials] Atmosfernyi ozon; materialy. Pod red. G. P. Gushchina. Leningrad, Gidrometeoizdat, 1965. 149 p.
- MIKHAILOV, A. I., A. I. CHERNYI, and R. S. GILAREV-SKII. [Principles of scientific information] Osnovy nauchnoi informatsii. Moskva, Nauka, 1965. 654 p.
- MIKHAILOV, L. M., and Z. S. ARET'EVA. [Tables and nomograms to calculate shielding from gamma rays, point sources] Tablitsy i nomogramy dlia rascheta zaschity ot gamma-luchei, tochechnye istochniki. Moskva, Meditsina, 1965. 132 p.
- MILOVIDOVA, L. I. [Translation of English botanical terms and names into Russian, author's abstract of a dissertation for the degree of Candidate of Philological Sciences] O perevode angliiskikh botanicheskikh terminov i nazvanii na russkii inzh, avtor: chet'at dissertatsii na soiskanie uchenoi stepeni kandidata filologicheskikh nauk Nauchn. iukovoditel' N. P. Pelevina. Leningrad, Leningr. gos. univ., 1964. 22 p.
- MUKHIN, K. N. [Introduction to nuclear physics] Vvedenie v iadernuiu fiziku. Lzd. 2., perer. i dop. Moskva, Atomizdat, 1965. 720 p.
- NORKIN, S. B. [Differential equations of the second order with delayed argument; some problems in the theory of oscillations of systems with a delay] Differentsial'nye uravneniia vtorogo poriadka s zapazdyvashchimi argumentom; nekotorye voprosy teorii kolebanii sistem s zapazdyvaniem. Moskva, Nauka, 1965. 354 p.
- ODRUCHEVA, N. V. [Physiology of growing root cells] Fiziologia rastushchikh kletok korina. Moskva, Nauka, 1965. 109 p.
- OREKHOV, A. P. [Intramolecular rearrangements, studies in the field of theoretical organic chemistry] Vnutrimolekularnye peregrupirovki; issledovaniia v oblasti teoreticheskoi organicheskoi khimii. Moskva, Nauka, 1965. 310 p.
- PALLADIN, A. V. [Problems of the biochemistry of the nervous system] Voprosy biokhimiil'noi nervnoi sistemy. Kiev, Naukova dumka, 1965. 183 p.
- PARMASTO, E. KIL. [Key for identification of the coral fungi of the U. S. S. R; family Clavariaceae] Opredelitel' rogalikovykh grzyb SSSR; sem. Clavariaceae. Moskva, Nauka, 1965. 164 p.
- PERSON, R. S. [Muscle antagonists in the movements of man] Mysitsy-antagonisty v dvizheniiakh cheloveka. Moskva, Nauka, 1965. 112 p.
- [PHYSICS IN THE YEAR 1964. Participants in the discussion: L. V. Koldyshev and others] Fizika 1964 goda. V besede uchastnyut: L. V. Koldyshev i dr. Moskva, Izd-vo "Znanie," 1965. 31 p. (Novoe v zhizni, nauke, tekhnike. 9 Serlia: Fizika, Matematika, Astronomiia, no. 16)
- POGLAZOV, B. F. [Structure and functions of contractile proteins] Struktura i funktsii kontraktil'nykh belkov. Moskva, Nauka, 1965. 222 p.
- POKROVSKAIA, V. M. [Handbook for practical work on the systematics of angiosperms; for students majoring in geography] Rukovodstvo dlia prakticheskikh zaniatii po sistematike pokrytosemennykh rastenii; dlia studentov-geografov. Pod red. A. G. Voronova, Moskva, Mosk. univ., 1964. 197 p.
- POTASHIOV, I. IA. [Academician M. A. Rykachev] Akademik M. A. Rykachev. IARSLAVI', Verkhne-Volzhskaia knizhnaia izd-vo, 1965. 94 p. (Nashi vydatushchiesia zemliaki)
- PROKHOROVA, M. I., and Z. N. TUPIKOVA. [Comprehensive laboratory manual on carbohydrate and lipid metabolism] Bol'shoi praktikum po uglevodnomu i lipidnomu obмену. [Leningrad] Izd-vo Leningr. univ., 1965. 219 p.
- PROTASOV, V. R. [Bioacoustics of fishes] Bioakustika ryb. Moskva, nauka, 1965. 206 p.
- REVA, M. L. [Vegetative propagation of trees and shrubs under natural conditions] Vegetativnoe rozmnozheniia derevnykh i kushchovykh roslin v pryrodnykh umovakh. Kyiv, Naukova dumka, 1965. 215 p.
- SAZHIN, B. I. [Electrical conductivity of polymers] Elektroprovodnost' polimerov. 2. izd., dop. i perer. Pod red. G. P. Mikhailova. Moskva, Khimiia, 1965. 169 p.
- SEMENOV, S. P. [Morphology of the vegetative nervous system and interoceptors] Morfologiia vegetativnoi nervnoi sistemy i interoreseptory. [Leningrad] Izd-vo Leningr. univ., 1965. 167 p.
- SHILOVSKII, V. P. [Introduction to the dynamics of rarefied gas] Vvedenie v dinamiku razrezhennogo gaza. Moskva, Nauka, 1965. 217 p.
- SHVETSOV, K. I., and G. P. DEVZ. [Textbook on elementary mathematics, algebra, arithmetic, algebra] Spivachnik po elementarnoi matematike, arifmetika, algebra. Kiev, Naukova dumka, 1965. 414 p.
- SIMONOV, V. G. [Special theory of relativity and the electromagnetic field] Spetsial'naiia teoriia otноситel'nosti i elektromagnitnoe pole. Minsk, Vysshaiia shkola, 1965. 181 p.
- SIMPOZIUM NA TEMU "BIOKOMPLEKSY I IKH ZNACHENIE." Moskva, 1962. [Biocomplexes and their importance] Biokompleksey i ikh znachenie. Moskva, Koles, 1965. 187 p.
- SINEL'NIKOVA, V. S., V. A. PODERGIN, and V. N. RECHIKIN. [Aluminides] Aluminidy. Pod red. G. V. Samsonova. Kiev, Naukova dumka, 1965. 240 p.
- SKOROKHOLOV, L. IA. [How microbiology developed] Kak razvivaias' mikrobiologiia. Moskva, Meditsina, 1965. 48 p. (Nauchno-populiarna meditsinskaiia literatura)
- SOKOLIK, G. A. [Group methods in the theory of elementary particles] Gruppyvye metody v teorii elementarnykh chastits. Moskva, Atomizdat, 1965. 174 p.
- SOVESHCHANIE RABOTCHEI GRUPPY PO ISSLEDOVANIU PLANET ZEMNOGO TIPIA. Kiev, 1964. [Problems in astrophysics, study of the atmospheres of Venus and Mars. Abstracts of the reports] Voprosy astrofiziki, issledovanie atmosfer Venery i Marsa [Tozlye doklady]. Kiev, Naukova dumka, 1965. 104 p. (Respublikanski mozhvedomstvennyi sbornik. Serlia. "Astronomiia i astrofizika")
- SPIROV, M. S. [Kiev School of Anatomy] Kyiv'ska anatomichna shkola. Kyiv, Zdorov'ia, 1965. 120 p.
- TIKHONOV, V. A., and others. [Laboratory manual on the chemistry of silicon and the physical chemistry of silicates] Praktikum po khimii kremnia i fizicheskoi khimii silikatov. Pod red. N. A. Tolopova. [Lvov] Izd-vo Lvovskogo univ., 1965. 291 p.
- UKRAINSKII NAUCHNO-ISLEDOVATELSKII INSTITUT PITANIA. [Rational nutrition] Ratsional'noe pitanie. Kiev, Zdorov'ia, 1965. 219 p.
- USTINOV, V. I., and V. A. GRINENKO. [Precision mass spectrometric method for the determination of the isotopic composition of sulfur] Precizionnyi mass-spektrometricheskii metod opredeleniia izotopnogo sostava siury. Moskva, Nauka, 1965. 94 p.
- USTINOVA, E. I. [Embryology of the angiosperms with the fundamentals of cytology] Embriologiia pokrytosemennykh rastenii s osnovami tsitologii. Pod red. V. A. Poddubnoi-Arnol'di. [Moskva] Izd-vo Mosk. univ., 1965. 189 p.
- VASIL'CHENKO, I. T. [Neotenic changes in plants] Neoteneskie izmeneniia v rastenii. Moskva, Nauka, 1965. 63 p.
- VEINIK, A. I. [Thermodynamics] Termodinamika. 2. izd., perer. i dop. Minsk, Vysshaiia shkola, 1965. 402 p.
- VIL'NYTS'KYI, M. B. [Experiment in modern science] Eksperiment u suchasni nauai. Kyiv, Naukova dumka, 1965. 73 p. (Naukovo-populiarna literatura)
- VOLEVAKHA, M. M. [Weather made to order] Pohoda na zamovleniia. Kyiv, Naukova dumka, 1964. 46 p. (Naukovo-populiarna literatura)
- VULIS, L. A., and V. P. KASHKAROV. [Theory of jets of viscous fluids] Teoriia strui viskoznoi zhidkosti. Moskva, Nauka, 1965. 431 p.
- VYGODSKII, M. IA. [Differential calculus] Differentsial'noe ischislenie. Moskva, Nauka, 1965. 591 p. (Osnovy vysshei matematiki, no. 2)
- ZAIDEL', A. N. [Elementary evaluations of measurement errors] Elementarnye otsenki oshibok izmerenii. Moskva, Nauka, 1965. 79 p.
- ZAKHAROVA, A. F., and N. N. KRAVCHENKO. [Manual for carrying out practical exercises in a course on "Meteorology and climatology." Rukovodstvo dlia vypolneniia prakticheskikh zadaniil po kursu "Meteorologiia i klimatologiia." [Leningrad] Izd-vo Leningr. univ., 1965. 34 p.

ZEFIROV, A. P., ed. [Thermodynamic properties of inorganic substances, a manual] Termodinamicheskie svoystva neorganicheskikh veshchestv, spravochnik. [By] U. D. Veriatin i dr. Moskva, Atomizdat, 1965. 459 p.

ZEL'DOVICH, I. A. B. [Higher mathematics for beginners and its applications to physics] Vysshaya matematika dlia nachinalushchikh i ee prilozheniia k fizike. Izd. 3, dop. Moskva, Nauka, 1965. 575 p.

ZHIRIAKOV, V. G. [Organic chemistry] Organicheskaya khimiia. 2. izd., perer. i dop. Moskva, Khimiia, 1965. 423 p.

ZORIN, V. V. [Mathematical textbook for persons entering schools of higher education] Posobie po matematike dlia postupaiushchikh v vuzy. Moskva, Vysshaya shkola, 1965. 177 p.

ZVIAGINTSEV, O. E., I. I. SOLOV'EV, and P. I. STAROSEL'SKII. Lev Aleksandrovich Chugaev. Moskva, Nauka, 1965. 197 p. (Nauchno-biograficheskaya seriya)

14. MEDICINE

AKADEMIA NAUK SSSR. Sibirskoe otdeleniye. Institut eksperimental'noi biologii i meditsiny. [Surgical pathology and anesthesia] Operatsionnaya patologiya i narkoz. Moskva, Nauka, 1965. 226 p. (DNLM)

AKADEMIA NAUK URSR, Kiev. [Parasites and parasites in man and animals] Parazity i parazitnoye cheloveka i zhivotnykh. Kiev, Naukova dumka, 1965. 411 p. (Respublikanskii mezhdunarodnyy sbornik Seriya: "Problemy parazitologii") (DNLM)

AKHUNDOV, S. G. [Clinical aspects, diagnosis and treatment of cerebral cysticercosis] Klinika, diagnostika i lecheniye tsistitserkozu golovnogo mozga. Baku, Azerbaidzhanское gos. izd-vo, 1965. 91 p. (DNLM)

AMINEV, A. M. [Manual on proctology] Rukovodstvo po proktologii. [Kulbyashev] Kulbyashevskoe knizhnoe izd-vo. Vol. 1. 1965. 517 p. (DNLM)

ARIEVICH, A. M., and Z. G. STEPANISHCHEVA. [Candidiasis and other mycoses as complications in antibiotic therapy] Kandidamikozy i drugie mikroby kak oslozheniye antibiotikoterapii. Moskva, Meditsina, 1965. 288 p. (DNLM)

BABSKII, E. B., and V. V. PARIN, eds. [Achievements of modern technology in medicine] Dostizheniia sovremennoi tekhniki v meditsine. Moskva, Meditsina, 1965. 171 p. (DNLM)

BARANOV, V. G., and others. [Physiology and pathology of the female climacteric] Fiziologiya i patologiya klimakteriia zhenshchiny. Pod red. V. G. Baranova. [Leningrad] Meditsina, 1965. 269 p. (DNLM)

BETEL'MAN, A. I., ed. [Pediatric orthopedic stomatology] Ortopedicheskaya stomatologiya detskogo vozrasta. [By] A. I. Betel'man i dr. Kiev, Zdorov'ia, 1965. 408 p. (DNLM)

BLAGOVESHCHENSKAYA, N. S. [Otoneurological symptomatology in the clinical aspects of cerebral tumors] Otonevrologicheskaya simptomatika v klinike opukhlei golovnogo mozga. [Leningrad] Meditsina, 1965. 254 p. (DNLM)

BONDAREV, N. I., and S. Z. PASHCHENKOV. [Brief manual on the care of patients with mental diseases] Kratкое posobie po ukhodu za bol'nymi, pri psikhicheskikh zabolevaniyakh. Tashkent, Meditsina, 1965. 105 p. (DNLM)

[CALENDAR FOR THE SUBPROFESSIONAL MEDICAL WORKER FOR 1966] Kalendari srednego meditsinskogo rabotnika na 1966 god. Pod obshchey red. V. V. Kovanova. Moskva, Meditsina, 1965. 466 p. (DNLM)

DONCHENKO, I. P. [Treatment of patients with rheumatic heart defects at the Kislovodsk Health Resort] Lecheniye bol'nykh s revmaticheskimi porokami serdtsa na Kislovodskom kurorte. Kiev, Zdorov'ia, 1965. 74 p. (DNLM)

DRAZNIN, N. M., and V. P. GRITSKEVICH. [Manual on endocrinology] Endokrinologicheskii spravochnik. Minsk, Nauka i tekhnika, 1965. 330 p. (DNLM)

DZIAK, V. N., and E. I. EMELEIANENKO. [Determination of the activity of the rheumatic process] Opredeleniye aktivnosti revmaticheskogo protsessa. Kiev, Zdorov'ia, 1965. 251 p. (DNLM)

GASTEVA, Z. A., E. V. NESHEL', and V. G. USPENSKAYA. [Neumofibrosis and pulmonary emphysema] Pnevmofibrozy i emfizema legkikh. [Leningrad] Meditsina, 1965. 206 p. (DNLM)

GOIKHBERG, M. I. [Surgical and radiotherapy of cancer of the penis] Khirurgicheskoe i luchevoye lecheniye raka polovogo chlena. Kiev, Zdorov'ia, 1965. 126 p. (Biblioteka prakticheskogo vracha) (DNLM)

HOL'DBERG, V. M. [If the heart stops...] Iakshcho serdse zupnylos'... Kyiv, Naukova dumka, 1965. 92 p. (Naukovo-popularnaya literatura) (DNLM)

IANBAEVA, KH. I. [Rheumatic fever and heart defects] Revmatizm i poroki serdtsa. Tashkent, Meditsina, 1965. 151 p. (DNLM)

IAPPO, T. A. [Training children in hygienic habits] Vospitanie gigenicheskikh navykov u detei. Moskva, Meditsina, 1965. 29 p. (Nauchno-popularnaya meditsinskaya literatura) (DNLM)

KAHAN, S. S. [Outstanding Ukrainian public health worker, Academician of the Academy of Sciences of the Ukrainian S. S. R., O. V. Korchak-Chepurkivskiy] Vydatnyi sanitarnyi dilach Ukrainy - akademik AN URSR O. V. Korchak-Chepurkivskiy. Kyiv, Zdorov'ia, 1965. 76 p. (DNLM)

KANDROR, V. I. [Hypophysis and adrenal glands in radiation lesions of the body] Gipofiz i nadpochekniki pri radiatsionnykh porazheniyakh organizma. Moskva, Meditsina, 1965. 147 p. (DNLM)

KIEVSKII GOSUDARSTVENNYI INSTITUT USOVERSHENSTVOVANIA VRACHEI. [Allergy problems in clinical practice] Voprosy allergii v klinike. Kiev, Gosmedizdat USSR, 1963. 221 p. (DNLM)

KIEVSKII NAUCHNO-ISLEDOVATELSKII RENTGENORADIOLOGICHESKII I ONKOLOGICHESKII INSTITUT. [Problems in the X-ray diagnosis of diseases of the organs of the abdominal cavity] Voprosy rentgenodiagnostiki zabolevaniy organov brjushnoi polosti. Kiev, Zdorov'ia, 1965. 178 p. (DNLM)

KOGAN, D. A. [Homeopathy and modern medicine] Gomeopatiia i sovremennaya meditsina. Moskva, Meditsina, 1964. 216 p. (DNLM)

KOSHKIN, M. L. [Arkadii Ivanovich Iakobli, outstanding Soviet hygienist] Arkadii Ivanovich Iakobli - vydatnyi vitchyznaniy hygienist. Kyiv, Zdorov'ia, 1965. 31 p. (DNLM)

KURSHAKOV, N. A., ed. [Acute radiation lesion in man] Ostрая radiatsionnaya travma u cheloveka. Moskva, Meditsina, 1965. 313 p. (Biblioteka prakticheskogo vracha) (DNLM)

[LARGE MEDICAL ENCYCLOPEDIA, Indexes to the 2d edition in two volumes] Bol'shaya meditsinskaya entsiklopediya; ukazateli ko 2. izd. [v dvukh tomakh]. Glav. red. A. N. Bakulev. Moskva, Sovetskaya Entsiklopediya.

Vol. 1. [Subject (terminological) index] Predmetnyi (terminologicheskii) ukazatel'. 1965. 552 p.

LIPSKII, E. G. [New Crimean health resorts] Noveye resorta. Noveye kurorty Kryma. [Simferopol'] Izd-vo "Krym," 1965. 93 p.

MAKSIMOVICH, N. A., N. E. BOTSMAN, and V. P. EMAIKINA. [Pathomorphological changes in influenza and cytologic diagnosis] Patomorfologicheskie izmeneniia pri gripe i tsitologicheskaya diagnostika. Kiev, Zdorov'ia, 1965. 161 p. (DNLM)

MARKOV, I. I., and A. S. SHATYRKO. Truskavets. L'vov, Kamenfar, 1965. 87 p.

MASHKILLEISON, L. N. [Specialized dermatology] Chastnaya dermatologiya. Moskva, Meditsina, 1965. 521 p. (DNLM)

MOL'SKAIA, N. E. [Compound treatment of the sequelae of poliomyelitis under the sanatorium and health resort conditions of Yevpatoriya] Kompleksnoe lecheniye bol'nykh s posledstviyami poliomyelita v sanatorno-kurortnykh usloviyakh Evpatorii. Kiev, Zdorov'ia, 1965. 155 p. (Kurorty) (DNLM)

MOROZOV, G. V., ed. [Forensic psychiatry] Sudebnaya psikhiatriia. Moskva, Meditsina, 1965. 422 p.

MOSTOVOI, S. I. [X-ray diagnosis of tracheal and bronchial scleroma] Rentgenodiagnostika sklerozy trachei i bronkhov. Kiev, Zdorov'ia, 1965. 80 p. (DNLM)

[MULTIVOLUME MANUAL ON INTERNAL DISEASES] Mnogotomnoe rukovodstvo po vnutrennim bolezniam. Moskva, Meditsina. Vol. 5. Tarcey, E. M., ed. [Diseases of the liver and biliary tract] Bolezni pecheni i zhelchnykh putei. 1965. 724 p. (DNLM)

NEGOVSKII, V. A., and N. N. UMANETS. [Tale of conquered death] Rasskaz o pobezhdennoi smerti. Moskva, Politizdat, 1965. 142 p.

PODIL'CHAK, M. D. [Chronic inflammation and the growth of tumors] Khronicheskoe vospaleniye i opukhlevyi rost. Kiev, Zdorov'ia, 1965. 178 p. (Biblioteka prakticheskogo vracha) (DNLM)

SARKISOV, D. S., and L. S. RUBETSKOI. [Methods of restoring a cirrhotic liver] Puti vosstanovleniya tsirroticheskoi izmenennoi pecheni. Moskva, Meditsina, 1965. 137 p. (DNLM)

SHALIMOV, A. A., and S. N. RED'KIN. [Atlas of surgical operations on the organs of the abdominal cavity] Atlas khirurgicheskikh operatsii na organakh brjushnoi polosti. Kiev, Zdorov'ia, 1965. 42 p. (DNLM)

TRUBNIKOV, V. F. [Treatment of gunshot fractures of the femur] Lecheniye ognestrel'nykh poraneni bedra. Kiev, Zdorov'ia, 1965. 208 p. (DNLM)

UKRAINSKII NAUCHNO-ISLEDOVATELSKII INSTITUT NEIROKHIRURGII. [Problems of neurosurgery, clinical, pathophysiological and morphological principles in neurosurgical pathology] Problemy neirokhirurgii; klinicheskie, patofiziologicheskie i morfologicheskie zakonomernosti v neirokhirurgicheskoi patologii. Kiev, Zdorov'ia, 1964. 332 p. (DNLM)

UKRAINSKII NAUCHNO-ISLEDOVATELSKII PSIKHONEUROLOGICHESKII INSTITUT. [Disorders of cerebral blood circulation (in the neurological clinic)] Rasstroistva mozgovogo krovoobrascheniia (v nevrologicheskoi klinike). Kiev, Zdorov'ia, 1965. 268 p. (DNLM)

UMANS'KII, I. I. [Early diagnosis and treatment of amyloidosis in pulmonary tuberculosis] Ranniiya diagnostika i likuvaniia amiloidozu pri tuberkul'ozii lehen'. Kyiv, Zdorov'ia, 1965. 207 p. (Biblioteka prakticheskogo vracha) (DNLM)

UZHUMETSKENE, I. I. [Orthodontic treatment of adults before the application of prosthesis] Ortodonticheskoe lecheniye vzroslykh perep protezirovaniem. Moskva, Meditsina, 1965. 136 p. (Biblioteka prakticheskogo vracha) (DNLM)

VINOGRADOV, A. V. [Acute circulatory insufficiency in myocardial infarct] Ostрая nedostatochnost' krovoobrascheniia pri infarkte miokarda. [Leningrad] Meditsina, 1965. 188 p. (DNLM)

VITTE, M. K. [Development of medical science in the Ukraine] Rozvytok medychnoi nauky na Ukraini. Kyiv, Zdorov'ia, 1965. 61 p. (DNLM)

VOROPAEV, M. M., and others. [Late sequelae of blind gunshot wounds of the lungs] Otdalennye posledetviya slepykh ognestrel'nykh ranenii legkikh. Moskva, Meditsina, 1965. 140 p. (DNLM)

ZAPADNIUK, V. H. [Antispasmodics] Protysudorozhni preparaty. Kyiv, Zdorov'ia, 1965. 304 p. (DNLM)

ZIATYUSHKOV, A. I. [Reduction of pulmonary gas volumes to normal conditions and calculations of some proper values, principles and tables] Pivdenne logochnykh ob'emov gazov k normal'nyim uslovliam i raschety nekotorykh dolzhnykh velichin, obosnovanie i tablitay. [Leningrad] Meditsina, 1965. 137 p. (DNLM)

15. AGRICULTURE

AKADEMIIA NAUK SSSR. Botanicheskiy institut. [Introduction of medicinal, aromatic, and technical plants, results of the work of the introduction nursery of the Botanical Institute of the Academy of Sciences of the U.S.S.R. for 250 years] Introduktsiya lekarstvennykh, aromatischeskikh i tekhnicheskikh rastenii, itogi rabot introduktsionnogo pitomnika BIN AN SSSR za 250 let. Moskva, Nauka, 1965. 424 p. (DNAL)

AKADEMIIA NAUK SSSR. Institut biologii vnutrennykh vod. [Fishery atlas of Rybinsk Reservoir] Rybopromyslovyy atlas Rybinskogo vodokhranilishcha. Iarovskavl', 1963. 20 p. maps.

AKADEMIIA NAUK SSSR. Institut fiziologii [Metabolism and the productivity of farm animals] Omen veshchestv i produktivnost' sel'skokhoziaistvennykh zhiivotnykh. Moskva, Nauka, 1965. 126 p. (DNAL)

AKADEMIIA NAUK SSSR. Institut morfologii zhiivotnykh. [Regularities in the individual development of farm animals] Zakonomernosti individual'nogo razvitiia sel'skokhoziaistvennykh zhiivotnykh. Moskva, Nauka, 1964. 310 p. (Ncu)

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Institut tsitologii i genetiki. [Genetic principles of farm animal breeding] Geneticheskie osnovy selektsii sel'skokhoziaistvennykh zhiivotnykh. Novosibirsk, Red.-izd. otdel Sibirskogo otd-nia AN SSSR, 1965. 117 p. (DNAL)

BOBINSKAIA, S. G., T. G. GRIGOR'eva, and S. A. PERBIN. [Wireworms and their control] Pivolechniki i mery bor'by s nimi. Leningrad, Kolos, 1965. 221 p. (DNAL)

BORISOVA, N. I., and others. [Use of the method of labeled atoms in soil chemistry] Primenenie metoda mechenykh atomov v agrokhemii. Pod obshchey red. V. V. Rakhinskogo. Moskva, Sel'khoz. akad., 1963. 47 p. (Praktikum po primeneniiu izotopov i izlucheni v sel'skom khoziaistve, no. 9)

BURKATSKA, O. N. [Prophylactic measures for working with poisonous chemicals in agriculture] Profilakticheskiye zakhody pry roboti s otrutokhimikatami v sel'skomu khoziaistvu. Kyiv, Zdorov'ia, 1965. 37 p. (DNAL)

[CORN IN THE VIRGIN TERRITORY AND WESTERN SIBERIA] Kukuruza v Tselinnom Krae i Zapadnoi Sibiri. Moskva, Kolos, 1965. 220 p. (DNAL)

DMYTRENKO, P. O. [Keys to fertility: ways for the effective use of mineral fertilizers in the Ukraine] Kluchdi do rodulichosti i shliakhy efektyvnoho zastosuvannia mineral'nykh dobryv na Ukraini. Kyiv, 1965. 46 p. (Tovarystvo "Znannia" Ukrain's'koi RSR. Seriya VIII, no. 9)

ERSHOV, V. S. [Helminthiasis of swine] Gel'mintiozy svinei. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1963. 233 p. (DNAL)

[FORESTER'S HANDBOOK] Spravochnik lesnichenosti. Izd. 3., ispr. i dop. Moskva, Lesnaya promyshlennost', 1964. 670 p. (DNAL)

FRUNZE, KIRGIZSKII SEL'SKOKHOZIAISTVENNYI INSTITUT. Kafedra botaniki i fiziologii rastenii. [Manual on the collection of herbaria and the description of plants for students of the agronomy, zoology, and veterinary faculties] Posobie po sboru gerbariia i opisaniu rastenii dlia studentov agronomicheskogo, zoologicheskogo i veterinarnogo fakul'tetov. Frunze, 1964. 14 p. (DNAL MICROFILM)

GORDEEVA, T. K., and I. V. LARIN. [Natural vegetation in the semidesert of the Caspian Sea region as a feed supply in animal husbandry; as exemplified by the Dzanybek Field Station] Estestvennaya rastitel'nost' polupustyni Prikspiin knk kormovaia baza zhiivotnovodstva, na primere Dzanybekskogo stantsionara Moskva, Nauka, 1965. 159 p. (DNAL)

GRODZINSKII, A. M. [Allelopathy in the life of plants and their communities; principles of the chemical interaction of plants] Allelopatsiia v zhizni rastenii i ikh soobshchestve; osnovy khimicheskogo vzaimodeistviia rastenii. Kiev, Naukova dumka, 1965. 198 p. (DNAL)

IVANOV, P. V., and V. IA. ZEL'TSER. [Bases for the mechanized establishment of vineyards on slopes] Osnovy mekhanizirovannogo osvoeniia sklonov pod vinogradniki. Kishinev, Kartia moldoveniaske, 1965. 127 p. (DNAL)

KANTARIIA, V. I. [Academician Solomon Cholokashvili] Akademik Solomon Cholokashvili. Tbilisi, Sabchota Sakartvelo 1965. 25 p. [in Georgian] (DNAL)

KHARIN, N. G. [Interpretation of aerial photographs in forestry] Lesokhoziaistvennoe deshirirovanie aersnimkov. Moskva, Nauka, 1965. 139 p. (DNAL)

KHOKHRIKOV, A. P. [Eremurus and its cultivation] Eremurus i ikh kul'tura. Moskva, Nauka, 1965. 120 p. (DNAL)

KIRNITSKII, B., ed. [Concise manual for the agronomist and field crew foreman] Kolesa agronomului shi a brigadirului. Kishineu, Editura de Partid a Komitetului Central al PK al Moldovei, 1964. 469 p. [in Moldavian] (DNAL)

KIROV. SEL'SKOKHOZIAISTVENNYI INSTITUT. [Contribution of science to production] Nauka-proizvodstvu. Kirov [Kirovskoe knizhnoe izd-vo] 1963. 118 p. (DNAL MICROFILM)

KISLOVSKII, D. A. [Selected works] Izbrannye sochineniia. Moskva, Kolos, 1965. 534 p. (DNAL)

KOMAROVA, M. K., and V. I. NEDOVESOV. [Controlling the loss of headed grain] Bor'ba s poteriami zernovykh kolosovykh. Moskva, Rossel'khozizdat, 1965. 83 p. (DNAL)

KORZHEVENKO, G. N., and P. V. IVANOVSEV. [Clinical aspects, pathogenesis, treatment, and veterinary hygiene expertise in burns of farm animals] Klinika, patogenez, lechenie i veterinarno-sanitarnaya ekeper-tiza pri ozhogakh sel'skokhoziaistvennykh zhiivotnykh. Moskva, Rossel'khozizdat, 1965. 67 p. (DNAL)

KOSHIN, G. I. [Make better use of forest resources] Polnee ispol'zovat' leseye bogatstva. Petrozavodsk, Karelskoe knizhnoe izd-vo, 1964. 59 p. (DNAL)

KOVALENKO, I. A. R. [African swine fever] Afrikan-skaya chuma svinei. Moskva, Kolos, 1965. 125 p. (DNAL)

KUBYSIKIN, P. P. [Agricultural melloration and forestry] Sel'skokhoziaistvennaya melioratsiia i lesovodstvo. Moskva, Kolos, 1964. 334 p. (Ucheb-niki i uchebnye posobia dlia sel'skokhoziaistvennykh tekhnikumov) (DNAL)

LENINGRAD, UNIVERSITET. [Chemistry in the natural sciences] Khimiia v estestvennykh naukakh. [Leningrad] Izd-vo Leningr. univ., 1965. 216 p. (DNAL)

LEVCHENKO, E. A. [Control of granary pests] Bor'ba s vreditel'iami khlebovykh zapasov. Moskva, Kolos, 1965. 142 p.

LEVITSKII, I. I. [Willow and its use, based on materials from the examination and management of willow stands in the lower Volga] Iva i ee ispol'zovanie; po materialam obsledovaniia i lesoustroistva ivniakov Nizhnai Volgi. Moskva, Lesnaya promyshlennost', 1965. 97 p. (DNAL)

LOGVINOV, V. S. [Whirl of the steppe breeze, sketches] Glotok stepnogo vetra, ocherki. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1964. 70 p. (DNAL)

[MANUAL FOR NAVIGATORS OF FISHING FLEETS: navigation of fishing boats and sea fishery practices] Spravochnik sudovoditelia rybolovnoy floti, promyslovaii navigatsiia i morskaya promyslovaia praktika. Moskva, Plekhevala promyshlennost', 1965. 194 p. diags. (insert)

MOLCHANOV, A. A., and V. A. GUBAREVA. [Formation and growth of oak on cutovers in the forest-steppe] Formirovanie i rost duba na vyрубках v lesostepi. Moskva, Nauka, 1965. 254 p. (DNAL)

[NEW HIGHLY PRODUCTIVE VARIETIES OF GRAIN CROPS] Nove vysokoproduktivnye sorta zernovykh kul'tur. Moskva, Kolos, 1965. 319 p. (DNAL)

POBEDINSKII, A. V. [Pine forests in central Siberia and Transbaikalia] Sosnovye lesa Srednei Sibiri i Zabaikalia. Moskva, Nauka, 1965. 266 p. (DNAL)

POLTAVCHUK, M. A. [Biology and cultivation of Dnieper pike perch in closed bodies of water] Biologiya i razvedenie dneprovskogo sudaka v zamknytykh vodoe-makh. Kiev, Naukova dumka, 1965. 256 p.

POPOVA, N. V. [The salt of fertility] Sol' plodorodii. Saransk, Mordovskoe knizhnoe izd-vo, 1964. 30 p. (DNAL)

PORIADIN, A. I. [Fur factory] Fabrika pushtiny. Vladivostok, Dal'nevostochnoe knizhnoe izd-vo, 1964. 21 p. (DNAL MICROFILM)

PRINTS, I. A. [Vineyard Phylloxera and its control] Vinogradnaya filoksera i mery bor'by s nei. Moskva, Nauka, 1965. 293 p. (DNAL)

RACHENSKII, V. V. [Use of labeled atom methods in soil science and melloration] Primenenie metodov mechenykh atomov v pochvovedeni i melioratsii. Moskva, Sel'khoz. akad., 1962. 92 p. (Praktikum po primeneniiu izotopov i izlucheni v sel'skom khoziaistve, no. 8)

ROZENBAUM, A. N., I. U. M. EVSIUKOV, and A. T. DOKTOROV, comps. [English-Russian dictionary on agricultural machinery] Anglo-russkii slovar' po sel'skokhoziaistvennoi tekhnike. Pod red. L. A. Korbuta. Moskva, Sovetskaya Entsiklopediia, 1965. 378 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo sel'skogo khoziaistva. Upravlenie organizatsii truda i zarabot-noi platy. [Standard norms in cattle maintenance] Tipovyie normy obsluzhivaniia krupnogo rogatogo eko-ta. Moskva, Rossel'khozizdat, 1965. 101 p. (DNAL)

SAVKOVSKII, P. P., ed. [Pests and diseases of fruit and berry plants; a manual] Vrediteli i bolezni plodov-iagodnykh kul'tur; spravochnik. 2., dop. i perer. izd. Kiev, Naukova dumka, 1965. 287 p. (DNAL)

SHCHERBINA, A. K., and F. M. SUKHOVERKHOV. [Fish diseases and the fundamentals of fish culture] Bolezni ryb i osnovy rybovodstva. Moskva, Kolos, 1964. 294 p. (Uchebniki i uchebnye posobia dlia vys-shikh sel'skokhoziaistvennykh uchebnykh zavedenii) (Wau)

SPESEVTSEVA, N. A. [Mycoses and mycotoxicoses] Mikrozy i mikotokikozy. Izd. 2., ispr. i dop. Moskva, Kolos, 1964. 619 p. (DNAL)

STAKAN, G. A., and A. A. SOSKIN. [Heritability of economically useful indices in fine-wool sheep] Nasleduemost' khoziaistvenno poleznykh priznakov u tonkorunnykh ovts. Otv. red. Z. S. Nikoro. Novosibirsk, Redaktsionno-izdatelskii otdel Sibirskogo otd-nia AN SSSR, 1965. 168 p. (DNAL)

SURANOV, I. V., and S. N. PONOMAREV. [Sports fishing on the Northern Dvina] Sportivnaya lovlya ryby na Severnoi Dvine. [Arkhangel'sk] Severo-Zapadnoe knizhnoe izd-vo, 1965. 37 p.

SVERDLOVSK. URAL'SKII GOSUDARSTVENNYI UNIVERSITET. [Plants and the industrial environment, collection of papers of the Botany Department] Rasteniia i promyshlennaya sreda, sbornik nauchnykh rabot kafedry botaniki. Sverdlovsk, 1964. 205 p. (DNAL)

TARANOV, M. T. [Chemical preservation of foods] Khimicheskoe konservirovanie kolmog. Moskva, Kolos, 1964. 198 p. (DNAL)

TOMIN, E. D., and A. I. FOMIN. [Sapropel, its winning and use in agriculture] Sapropel', ego dobycha i ispol'zovanie v sel'skom khoziaistve. [Izdatel'stvo], Verkhne-Volzhske knizhnoe izd-vo, 1964. 160 p. (DNAL)

[TUNA FISH AND TUNA FISHERIES IN THE ATLANTIC OCEAN] Tuny i ikh promysel v Atlanticheskoi okeane. [By] B. Zharov i dr. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1964. 181 p.

[VOICE OF THE EARTH] Ovoz i zamin. Dushanbe, Irion, 1964. 98 p. [In Tajik] (DNAL)

VOIKOVA, I. I., and V. D. POKROVSKAYA. [Injurious and poisonous plants of the Dagestan lowlands] Vrednye i yadovitye rasteniia nizemnogo Dagestana. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1964. 92 p. (DNAL)

VOLOGDIN, A. G. [The problem of fertilizers and "coal fertilizers"] Problema udobrenii i ugleloki. Moskva, Znanie, 1965. 70 p. [Natsionalnyi universitet Sel'skikh khoziaistvennykh fakul'tet, no 9]

VSEOBUZNOE SOVESHCANIE PO VOPROSAM ZASHCHITY PLODOVYKH I DRUGIKH NASAZHDENIY OT KALIFORNISKOSKHCHITOV. [Collection of papers on San Jose scab on citrus fruits] Sbornik rabot po Kaliforniskoi shchitovke; [materialy] Kishinev, Karla moldovenaske, 1965. 100 p. [DNAL MICROFILM]

ZUBKOV, B. V., and E. S. MUSLIN. [One hundred homemade collective farm implements] Sto kolhoznykh samodelok. [Moskva] Mosk. rabochii, 1964. 94 p. (DNAL)

16. TECHNOLOGY

ADDULMANOV, G. F. [Natural and casinghead gases and their utilization] Prirodnye, poputnye neflianye gazy i ikh primeneniye. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 73 p. [MICROFILM]

ABELEV, I. U. M., V. I. KRUTOV, and R. P. EIDUK. [Preparation of foundation beds and the laying of foundations of large-panel apartment houses on sagging soil; practices of the Research Institute for Foundation Beds and Underground Structures of the State Committee on Construction of the Council of Ministers of the U.S.S.R., and of the Zaporozh'ye Housing Construction Trust, and the Nikopol' Construction Trust] Podgotovka osnovanii i ustroistvo fundamentov krupnopanel'nykh zhilykh domov na prosadochnykh gruntakh; iz opyta NII osnovanii i podzemnykh sooruzhenii Gosstroia SSSR, trestov "Zaporozhzhelstroii" i "Nikopol'stroi". Moskva, Stroizdat, 1965. 19 p.

AFANAS'EV, V. G., A. O. ALEKSEEV, and E. N. SOKOLOV. [Geodesy and mine surveying in the construction of tunnels and subways] Geodeziia i markshreidirovanie pri stroitel'stve tunnelov i metropolitenov. Moskva, Nedra, 1965. 299 p.

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow, Institut pitaniia. [Methods for the determination of pesticides in food products] Metody opredeleniia pestitsidov v pishchevykh produktakh. Pod red. A. A. Pokrovskogo i A. I. Shtenberga. Moskva, Meditsina, 1965. 139 p. [Biblioteka sanitarnogo vracha]

AKADEMIIA NAUK SSSR, [Akademiia filial, Yakutsk, Institut geologii. [Geology of tin-ore and complex metal deposits in Yakutia] Geologiya olovorudnykh i pol'metallicheskikh mestorozhdenii. Moskva, Nauka, 1965. 205 p.

AKADEMIIA NAUK SSSR, Kol'skii filial, Kirovsk Gornometallurgicheskii institut. [Rock physics and the technology of mining] Fizika i tekhnologiya razrabotki nedr. Moskva, Nauka, 1955. 134 p.

AKADEMIIA NAUK URSS, Kiev. [Composite control systems] Slozhnye sistemy upravleniia. Kiev, Naukova dumka, 1965. 173 p. [Respublikanskiy mezhvedomstvennyi sbornik. "Kibernetika i vychislitel'naya tekhnika"]

AKADEMIIA NAUK URSS, Kiev. [Cybernetic technology] Kiberneticheskaya tekhnika. Kiev, Naukova dumka, 1965. 165 p. [Respublikanskiy mezhvedomstvennyi sbornik. Kibernetika i vychislitel'naya tekhnika]

AKADEMIIA NAUK URSS, Kiev. [Phase transformations in metals and alloys] Fazovye prevrashcheniia v metallakh i splavakh. [Kiev, Naukova dumka, 1965] 174 p. [Respublikanskiy mezhvedomstvennyi sbornik. Seriya "Metallofizika"]

AKADEMIIA NAUK URSS, Kiev. [Study of the imperfections of crystal structures] Issledovanie nesovershenstv kristallicheskogo sostoiia. [Kiev, Naukova dumka, 1965. 134 p. [Respublikanskiy mezhvedomstvennyi sbornik. Seriya "Metallofizika"]

AKADEMIIA NAUK URSS, Kiev, Seriina po diffuzionnomu nasypshchenniu metallor i pokrytiim iz tugoplavnykh soedinenii. [Diffusion coatings on metals, reports] Diffuzionnye pokrytiia na metallakh; [doklady] Kiev, Naukova dumka, 1965. 141 p.

AKSENOV, M. A. [Heating networks, sources and consumers of thermal energy. Installation, maintenance, and repair of networks] Teplovye seti; istochniki i potrebiteli tepla. Ustolstvo, obsluzhivanie i remont setei. Pod red. N. K. Gromova. Izd. 4, perer i dop. Moskva, Energiia, 1965. 351 p.

AL'BOV, M. N. [Sampling commercial mineral deposits] Oprobovanie mestorozhdenii poleznykh iskopaynykh. Moskva, Nedra, 1965. 230 p.

ALIMOV, A. P., L. V. GOLOVINSKII, and M. D. KRUGLIAKOVA. [Mechanization of auxiliary processes in the building of coal mines] Mekhanizatsiia vopomogatel'nykh protsessov v shakhtnom stroitel'stve. Moskva, Nedra, 1965. 178 p.

ALININ, A. IA. [Roads over water] Dorogi nad vodami. Kiev, Radivnyi, 1965. 163 p.

[ANALOG AND DIGITAL-ANALOG COMPUTER TECHNOLOGY] Analogovaya i analogo-tsifrovaya vychislitel'naya tekhnika. Moskva, Mashinostroenie, 1965. 465 p.

[ANALYSIS OF NONFERROUS METALS AND ALLOYS] Analiz tsvetnykh metallor i splavov. [By] V. V. Stepin i dr. Moskva, Metallurgiya, 1965. 187 p.

ANTIKAIN, P. A. [Metallography] Metallovedenie. Moskva, Metallurgiya, 1965. 280 p.

ANTONOV, I. A., and M. N. BEREZINA. [Technology of the manufacture of men's coats] Tekhnologiya izgotovleniia muzhskikh pal'to. Moskva, Legkaya industriia, 1965. 203 p. [Uchebniki i uchebnye posobia dlia podgotovki rabochikh massovykh professii]

ARISTOV, V. V., and others. [Manual for laboratory work in the course on prospecting and exploration for mineral deposits] Rukovodstvo dlia prakticheskikh zaniatii po kursu poiskov i razvedki mestorozhdenii poleznykh iskopaynykh. Moskva, Vysshaya shkola, 1965. 253 p.

ARTOBOLVSKII, S. I. [Theory of mechanisms and machines] Teoriia mekhanizmov i mashin. Izd. 2. Moskva, Vysshaya shkola, 1965. 387 p.

ASTAF'EV, V. A., and N. K. BARKOV. [Hydraulic turbines and their maintenance] Gidroturbiny i ikh obsluzhivanie. Izd. 2, ispr. i dop. Moskva, Energiia, 1965. 352 p.

ASTROV, E. I. [Cited multilayer metals] Plakirovannyye mnogosloynnye metally. Moskva, Metallurgiya, 1965. 230 p.

AVDEVA, A. V. [Corrosion in food production and measures for its prevention] Korroziiia v pishchevykh proizvodstvakh i sposoby zashchity. Izd. 2, perer. i dop. Moskva, Pishchevaya promyshlennost', 1965. 242 p.

BABAT, G. I. [Induction heating of metals and its industrial applications] Induktsionnyi nagrev metallor i ego priomyshlennoe primeneniye. Izd. 2, perer i dop. Moskva, Energiia, 1965. 551 p.

BAGRIANTSEV, V. V., and M. S. PEREKHIVATOV. [Miraculous polymers, our experience in mastering the production of epoxy resins] Chudesnye polimery, nash opyt osvoeniia proizvodstva epoksidnykh smol. [Leningrad] Lenizdat, 1965. 97 p. [Peredovoi opyt - vseini]

BAGRINOVSKII, A. D. [Principles of the theory of the control of mine ventilation networks, report at the anniversary session of the Scientific Council dedicated to the memory of Academician A. A. Skochinskii on the occasion of the 90th anniversary of his birth] Osnovy teorii upravleniia shakhtnymi ventilatsionnymi setiami, doklad na jubileinnoi zasedanii Uchenogo sojeta, posvashchenom pamati akademika A. A. Skochinskogo v svyazi s 90-letiem so dnia rozhdeniia. Moskva, In-t gornogo dela, 1964. 21 p.

BAGRINOVSKII, A. D., and F. S. KLEBANOV. [Theoretical problems of the automation of coal mine ventilation] Teoreticheskie voprosy avtomatizatsii pravleniia ugo'nykh shakht. Moskva, Nauka, 1965. 62 p.

BASHKOV, M. I. [Improving the systems of the exchange and haulage of mine rail road cars, according to practices in Lugansk Province mines] Soveshchivanie sistem obmena i otanki vagonetok, po opytu Luganskikh shakht. Moskva, Nedra, 1965. 64 p.

BASMANOV, P. I., and V. A. POPLAVSKAYA, comp. [AFA analytical aerosol filters] Analiticheskie aerol'nyye fil'try AFA. Moskva, Atomizdat, 1964. 17 p.

BEKTABEGOV, A. K., and V. V. USACHEV. [Stereo-phonetic sound pickups] Stereofonicheskie zvukosnimateli. Moskva, Energiia, 1964. 38 p. [Massovaya radiobiblioteka, no. 552]

BELKIN, I. U., and others. [Devices for the dynamometry of mounted machines; results of comparative tests] Pribyry dlia dinamometrii ovaniia akademykh mashin, rezul'taty sravnitel'nykh ispytani. Moskva, Biuro tekhn. informatsii i reklamy, 1964. 103 p. [MICROFILM]

BERDONOSOV, S., comp. [By untrodden paths] Nekhozhenymi tropami. Moskva, Molodala gvardiia, 1965. 239 p.

BERDONOSOV, S. S., and L. G. VLASOV. [Application of radiolabels, a textbook for teachers] Primeniienie radioaktivnykh izotopov; posobie dlia uchiteliei. Moskva, Prosveshcheniie, 1964. 117 p.

BERNASHEVSKII, G. A., and others. [Plasma and electronic microwave amplifiers and generators] Plazmennyye i elektronnye ustroistva i generatory SVCh. Pod red. Z. S. Chernova. Moskva, Sovetskoe radio, 1965. 94 p.

BIRIKHOV, Z. G. [Production of sliced veneer] Proizvodstvo stroganol'fany. Moskva, Lesnaya promyshlennost', 1965. 160 p.

BOGATOV, G. B. [Contrast distortions in television and their correction] Kontrastnye iskazheniia v televizionii i ikh korraktsiia. Moskva, Energiia, 1965. 203 p.

BOK, I. I. [Ores of agricultural importance; fundamentals of their geology and their prospecting and evaluation indicators] Agronomicheskie rudy, osnovy ikh geologii i poiskovo-otsenocnyye priznaki. Izd. 2, ispr. i dop. Alma-Ata, Nauka, 1965. 305 p.

BORISENKO, I. G. [First records in space] Pervyye rekordy v Kosmose. Moskva, Mashinostroenie, 1965. 119 p.

BRIUKHOVETS, D. F. [Assembling and testing motor vehicles, tractors and motorcycles] Sbornik i ispytaniia avtomobilov, traktorov i mototsiklov. Moskva, Vysshaya partinaiia shkola, 1965. 301 p.

BULGAKOV, N. I. [Biochemistry of malt and beer] Biokhimiia soloda i piva. Moskva, Pishchevaya promyshlennost', 1965. 487 p.

BURKOV, V. V. [Aluminum radiators for motor-vehicle and tractor engines] Aluminiyevye radiatory avtotraktornykh dvigatelo. Moskva, Mashinostroenie, 1964. 199 p.

- BUZNIKOV, E. F., and V. N. SIDOROV. [Water heating boilers and their use in electric power plants and steam power plants] Vodogreynye kotly i ikh primeneniye na elektrostaniyakh i v kotel'nykh Moskv, Energiya, 1965. 239 p.
- CHASHCHIN, A. M., and others. [How wood chemistry benefits the national economy] Lesokhimiya - narodnoye khozaystvo Moskv, Lesnaya promyshlennost', 1965. 58 p.
- CHERNIAK, A. S. [Chemical dressing of ores] Khimicheskoe obogashcheniye rud, Moskv, Nedra, 1965. 201 p.
- CHERNOV, A. V., and N. K. DESSEBRENNIKOV. [Fundamentals of heat engineering and hydraulics] Osnovy teploekhniki i gidravliki Pod red. V. S. Sil'fakova Moskv, Energiya, 1965. 455 p. diagr. (insert)
- CHIRAEV, P. I., and I. I. CHUGUNOV. [Noncontact-type self-adaptive systems using digital elements] Beskontaktnye samonastroyivayushchiesya sistemy na tsifrovyykh elementakh Kiev, Tekhnika, 1965. 62 p. (Biblioteka po avtomatike)
- CHUDNOVSKII, I. A. [Collection of defects in amplifiers] Ustanovleniye nepsravnostei v usilitelnykh Moskv, Iskusstvo, 1965. 298 p. (Biblioteka kinomekhaniki)
- DAL'SKII, A. M., ed. [Metalworking by cutting and pressing] Obrabotka metallov rezaniem i davleniem Moskv, Mashinostroyeniye, 1965. 138 p.
- DEMIDIUK, G. P. [Role and effectiveness of stemming in mine blasting operations; materials for the forthcoming meeting] Rol' i effektivnost' zabivki v gornyykh vzryvnykh rabotakh, materialy soveshchaniya Moskv, In-t gornogo dela im. A. A. Stokhinskogo, 1964. 16 p.
- DENISOV, E. I. [Noise measurement in industrial plants] Izmereniye shumov na proizvodstvennykh, Moskv, Profizdat, 1964. 16 p. [MICROFILM]
- DIDYK, B. S. [Frequency and frequency-time code discrete telemonitoring systems] Chistotnye i elastotno-vremennyye sistemy diskretnogo teleizmereniya. Pod red. F. A. Katkova. Kiev, Tekhnika, 1965. 95 p.
- DOKUCHAEV, M. M. [Avalanche, stop! Recollections of a blaster] Lavina, stanovitsya! Vospominaniya vzryvnika. Moskv, Sovetskaya Rossiya, 1965. 146 p.
- DONDOSHANSKII, V. K. [Calculating vibrations of elastic systems with electronic computers] Raschety kolebaniy uprugikh sistem na elektronnykh vychislitel'nykh mashinakh. Moskv, Mashinostroyeniye, 1965. 366 p.
- DUBASOV, A. A. [Use of plastics in the repair of construction equipment] Primeneniye plastmass pri remonte stroitel'nykh mashin, Moskv, Stroizdat, 1965. 195 p.
- DVORNIKOV, M. M. [Mechanization of free floating drive, from practices of the Makar'ev Floating Station] Mekhanizatsiya molovogo splava; iz opyta Makar'evskoi splavnoi kontory, [in p.] Kostromskoe knizhnoye izd-vo, 1963. 38 p. (Novatory semiletki)
- DVOROV, I. M. [Natural resources of Ryazan Province] Prirodnye resursy Riazanskoi oblasti, Moskv, Nauka, 1965. 233 p.
- DZHAMALOV, S. A., R. A. LEVKOVICH, and V. V. SUETNOV. [Heat of the earth and its practical utilization] Teplo Zemli i ego prakticheskoye ispol'zovanie. Moskv, Nauka, 1965. 108 p.
- DZIDZIGURI, A. A., and T. I. MATIKASHVILI. [Unsteady performance of fans and measures for its prevention] Neustoiichivaya rabota ventilatorov i sposoby ee preduprezhdeniya, Moskv, Nauka, 1965. 92 p.
- EGOROV, V. A. [Three-dimensional problem of reaching the moon] Prostranstvennaya zadacha dostizheniya luny, Moskv, Nauka, 1965. 224 p. (Mekhanika kosmicheskogo poleta)
- ERSHOV, I. M., and L. S. PANFIL'. [Protection of structures against the action of railroad eddy currents] Zashchita sooruzhenii ot vozdetsviya bluzhdalushchikh tokov zheleznykh dorog. Moskv, Transport, 1965. 146 p.
- ESKIN, I. A. D., and V. I. GORIACHEV. [Finishing operations on the construction of an experimental building, experience of the "Mosotdelstroy" Trust No. 3 of the Main Division for Housing and Civil Construction in the City of Moscow] Otdelochnye raboty na stroitel'stve eksperimental'nogo zdaniya; opyt tresta "Mosotdelstroy" No. 3 Glavmostroia. Moskv, Stroizdat, 1965. 31 p.
- FAINLEIB, B. N., I. G. GOLUBEV, and L. A. KLOCHIEV. [Methods for testing and investigating the fuel systems of motor-vehicle and tractor diesel engines] Metody ispytaniy i issledovaniy toplivnoi apparatury avtotraktornykh dizelov. Moskv, Mashinostroyeniye, 1965. 174 p.
- FEDOTOV, A. N., and L. B. KOROL'. [Rock drills on pneumatic supports, light boring rigs] Perforatory na pnevmopodporyzhnikakh, legkie burovyye ustanovki, Moskv, Nedra, 1965. 219 p.
- FEIGIN, M. V. [Anastasiyevsko-Troitskoye gas and oil deposit of western Caucasus] Anastasiyevsko-Troitskoye gazoneftnoye mestorozhdeniye Zapadnogo Predkavkaziya, Moskv, Nauka, 1965. 85 p.
- FETT, G. N. [Study of the strength properties of coal seams in the massif of the Donets Basin; report at the seminar on the problems of studying the mechanical properties of rocks in a massif] Issledovanie prochnostnykh svoystv ugol'nykh plastov Donbassa v massee, doklad na seminaru po voprosam issledovaniya mekhanicheskikh svoystv gornyykh porod v massive Moskv, In-t gornogo dela, 1964. 17 p.
- FILATOV, V. I. [Problem of investigating the influence of the extent of an ore bed on the effectiveness of its breaking, a scientific report] K voprosu issledovaniya vliyaniya prolinzhennosti sredy na effektivnost' ee razrusheniya, nauchnyi doklad. Moskv, In-t gornogo dela, 1964. 16 p.
- FRIDMAN, O. M., and G. A. SEDLUKHA. [Insulating work on city gas lines] Izolatsionnyye raboty na gorodskikh gazoprovodnikh, Leningrad, Nauka, 1965. 165 p. (Biblioteka mastera gazovogo khozaystva)
- FURTSOV, M. E. [Laboratory work on electric drive systems in mines] Laboratornyye raboty po rudnichnomu elektropivodu. Kiev, Izd-vo Kievskogo univ., 1965. 109 p.
- GAI-GULINA, Z. S., and D. M. VAINBERG. [For those who knit] Dlya tekh, kto vlyazhet. Moskv, Legkaya industriya, 1965. 180 p.
- GALANIN, K. P., B. T. SHEVKUN, and I. U. A. PEMOV. [Optimum cutting conditions and the geometry of disk cutters of stonecutting machines] Optimal'nye rezhimy rezaniya i geometriya rezbosv diskov kamnerезnykh mashin. Pod red. K. P. Galanina, Kishinev, Karla moldovenaske, 1964. 103 p.
- GALKIN, G. V., and others. [Punched-card computing machines; P80-5, P80-6, PA80-2, perforators K80-0, K45-0, KA80-2 controllers and S80-5, S45-5, S80-5M, S45-5M sorting units] Shetno-porfoliatsonnyye mashiny; perforatory P80-5, P80-6, PA80-2, kontrol'niki K80-0, K45-0, KA80-2 i sortirovki S80-5, S45-5, S80-5M, S45-5M. Pod red. V. N. Ryzankina. Moskv, Statistika, 1965. 207 p.
- GAVERILOV, A. N., ed. [Instrument manufacture and means for automatic control; handbook in five volumes] Pribroystroyeniye i sredstva avtomatiki, spravochnik v pyati tomakh. Moskv, Mashinostroyeniye. Vol. 5. [Economics and organization of instrument manufacture] Ekonomika i organizatsiya priboro-stroitel'nogo proizvodstva. Pod red. N. I. Polina-kova, S. S. Brudnika. 1965. 512 p.
- GELIUTA, E. Z., and I. U. K. NURMUKHAMEDOV. [Mining engineering] Gornoe delo. Moskv, Nedra, 1965. 590 p.
- [GEOLOGY OF THE U.S.S.R.] Geologiya SSSR. Glav. red. A. V. Sidorenko. Moskv, Nedra. Vol. 44. Rozstovitsov, N. N., F. G. Givari, and S. V. Egorov, eds. [West Siberian Lowland] Zapadno-Sibirskaya nizmennost'. Pt. 2. [Oil and gas potential and hydrogeological conditions] Neftgazonosnost' i gidrogeologicheskie uslovia. 1964. 275 p.
- GLUKHOVSKII, A. D., and E. G. KUTUKHTIN. [Webless trusses and the utilization of truss space in foreign countries; review] Bezrasnosnyye fermy i ispol'zovanie mezhfermennogo prostranstva v praktike zarubezhnogo stroitel'stva; obzor. Nauchn. red. I. S. Kosenko. Moskv, Tsentr. in-t nauchnoi informatsii po stroitel'stvu i arkhiterture, 1964. 30 p. [MICROFILM]
- GOKHMAN, V. A. [Principles of road building] Osnovy dorozhnogo stroitel'stva Moskv, Vysshaya shkola, 1965. 270 p.
- GOL'DGOF, B. G., B. A. SOKOLOV, and D. V. SOKOLOV. [Electrical equipment of industrial enterprises and systems in three parts] Elektrooborudovaniye promyshlennykh predpriyatiy i ustanovok [v trekh chastiyakh] Moskv, Stroizdat. Pt. 1. [General electrical equipment] Obshchee elektrooborudovaniye. 1965. 322 p.
- GOL'DIN, M. L. [Control and automation of ore grinding and crushing processes] Kontrol' i avtomatizatsiya protsessov drobleniya i izmel'cheniya rud, Moskv, Atomizdat, 1965. 439 p.
- GOLOVKO, G. A. [Apparatus and equipment for the recovery of argon] Apparaty i ustanovki dlya proizvodstva argona. Moskv, Mashinostroyeniye, 1965. 162 p.
- GORBATOV, V. M., A. N. CHICHERINA, and N. N. VLASOV. [System of planned preventive maintenance and repair of meat industry equipment] Sistema planovopredupreditel'nogo remonta oborudovaniya miasnoi promyshlennosti. Izd. 2, perer. i dop. Moskv, Pishchevaya promyshlennost', 1965. 82 p.
- GORKI. BELARUSKAYA AKADEMIYA SEL'SKAYE HASPADARKI. [Balancing the network of a tungsten base line and estimating its accuracy] Uravnoveshivaniye i otsenka tochnosti setei volfrumovogo osnovaniya; sbornik nauchnykh rabot. Minsk, Urozhai, 1965. 160 p.
- GOTMAN, I. A. D., and V. M. MALAKHOVA. [Alteration of the granitic wall rocks of a tungsten deposit in Kazakhstan] Okolozhil'nye izmeneniya granitnykh porod vol'frumovogo mestorozhdeniya v Kazakhstane Moskv, Nedra, 1965. 114 p.
- GRINBAUM, I. I. [Geophysical methods of determining the filtration properties of rocks] Geofizicheskiye metody opredeleniya fil'tratsionnykh svoystv gornyykh porod. Moskv, Nedra, 1965. 189 p.
- GRODNEV, I. I. [Communication cables] Kabeli svyazi. Moskv, Energiya, 1965. 270 p.
- GUSTOVA, E. I. [Clothing for preschool children] Odezhda dlya doskol'nikov. Moskv, Legkaya Industriya, 1965. 80 p. diagr. (insert)
- IABLONSKII, M. P. [Manual on the operation of RVZ-6 streetcars] Pamyatka po ekspluatatsii tramval'nogo vagona RVZ-6. Moskv, Stroizdat, 1965. 86 p.
- IGUMNOV, A. I. A., and T. M. KONOPLEVA. [Manual for the worker in a lumber drying shop] Posobie rabochemu lesosushil'nogo tsukha. Moskv, Lesnaya promyshlennost', 1965. 60 p.
- [IMPROVING THE DESIGN OF CRANES] Usovovershenstvovanie konstruktsei kranov. [By] V. K. Semenov i dr. Kiev, Budivelniki, 1965. 80 p.
- [INDUSTRIAL FABRICS AND THEIR USE] Tekhnicheskoe izucheniye ikh primeneniya. [By] Z. M. Kozayova i dr. Moskv, Legkaya Industriya, 1965. 251 p.
- IOANNISIAN, A. I. [Surveying, design and planning of railroads] Izyskaniya i projektirovaniye zheleznykh dorog. 3., perer. i dop. Moskv, Transport, 1965. 411 p.
- ISAGULIANTS, V. I., and G. M. EGOROVA. [Petrochemistry, manual for laboratory studies] Khimiya nefti; rukovodstvo k laboratornym zadaniyam. 2. izd., perer. i dop. Moskv, Khimiya, 1965. 506 p.
- IUSHKOV, N. I., V. G. NAUMOV, and A. K. FEL'DMAN. [Repair of the technological equipment of woodpulp and paper enterprises] Remont tekhnologicheskogo oborudovaniya tselulozno-bumazhnykh predpriyatiy. Moskv, Lesnaya promyshlennost', 1965. 120 p.
- IVANOV, A. A. [Electrical equipment of food industry enterprises] Elektrooborudovaniye pishchevyykh predpriyatiy; Izd. 3., perer. i dop. Kiev, Tekhnika, 1965. 418 p.
- IVANOV, A. I., and others. [Machines for overall mechanization of grain loading and unloading operations] Mashiny dlya kompleksnoi mekhanizatsii pogrucheniya-razgruzochnykh rabot s zernom. Moskv, Kolos, 1964. 230 p.
- IVANOV-ESPOVICH, N. K. [Physical and chemical principles of the manufacture of radioelectronic apparatus] Fiziko-khimicheskiye osnovy proizvodstva radioelektronnoi apparatury. Moskv, Vysshaya shkola, 1965. 194 p.

- IVASHCHENKO, G. I. [New railroad switches] *Novye stroitelnye perevozy*. Moskva, Transport, 1965. 68 p.
- IZIUMOV, N. M. [Principles of radio engineering] *Osnovy radio tekhniki*. Moskva, Svyaz' 1965. 541 p.
- KAGANOVICH, V. E., and P. P. KUPIN. [Calculation and construction of flexible pavements, systematic manual] *Raschet i konstruirovaniye nezhestkikh dorozhnykh odczd, metodicheskoe posobie*. [Omak] Zapadno-Sibirskoe knizhnoe izd-vo, 1964, 85 p. (Biblioteka studenta, no. 6)
- KAMENSKII, V. A. [Kinestatics of plane mechanisms, manual for a course on the theory of machines and mechanisms] *Kinostatika ploskikh mekhanizmov, uchebnoe posobie po kursu TM i M*. Moskva, Mosk. in-t inzhenerov zhel-dor. transp., 1962. 61 p. [MICROFILM]
- KASHARSHI, E. G. [Special problems in the calculation and design of synchronous machines with solid rotors] *Spetsialnye voprosy rascheta i issledovaniya sinkhronnykh mashin s massivnym rotorom*. Moskva, Nauka, 1965. 103 p.
- KAZAKOVTSSEV, V. S. [Instrument for control] *Instrument upravleniya*. [Moskva] Sovetskoe radio, 1965. 91 p.
- KHARITONOV, G. N., and A. A. ANDREEVA. [Chamber drying of export lumber] *Kameralna suushka eksportnykh pilomaterialov*. Moskva, Lesnaya promyshlennost', 1965. 48 p.
- KHARKEVICH, A. A. [Interference suppression] *Bor'ba s pomekhami*. Izd. 2, ispr. Moskva, Nauka, 1965. 274 p.
- KIBRIK, A. M., and I. S. OVES. [Introduction of mathematical methods and electronic computers in the centralized supply of rock products to building sites and plants] *Vnedreniye matematicheskikh metodov i elektronnykh vychislitel'nykh mashin pri tsentralizovannom obespechenii stroek i zavodov nerudnymi materialami; opyt Mosnerudstroya Glavmashpromstroi-materialov*. Moskva, Stroizdat, 1964. 40 p. [MICROFILM]
- KIENIA, I. M. [Switched and regulated transistor diodes, lectures on the subjects "Ionic and electronic converters" and "Electronic and ionic devices" for fourth-year students specializing in "Electrification of railroad transportation and automatic control, remote control, and communications in railroad transportation"] *Pereklichatelskie i upravlyemye poluprovodnikovye diody; lektsii po distsiplinam "Ionnye i elektronnye preobrazovateli" i "Elektronnye i ionnye pribory" dlia studentov IV kursa spetsial'nostei "Elektrifikatsiya zheleznodorozhnogo transporta i avtomatika, telemekhanika i svyaz" na zheleznodorozhnom transporte*. Moskva, Vses. zaochnyi in-t inzhenerov zhel-dor. transp., 1964. 18 p. [MICROFILM]
- KIRILLOV, N. I. [Photography problems] *Problemy fotografii*. Moskva, Iskusstvo, 1965. 221 p.
- KIZELOV, F. F. [Color and functional painting in industry] *Tsvet i funktsional'naya okraska v promyshlennosti*. Pod red. Z. N. Bykova. Moskva, Mosk. vysshiee khudozhestvenno-promyshl. uchilishche, 1964. 17 p.
- KLAUZEN, N. A., and L. P. SEMENOVA. [Atlas of the infrared spectra of rubbers and of some ingredients of rubber compounds] *Atlas infrakrasnykh spektrov kauchukov i nekotorykh ingredientov rezinovykh smesel*. Moskva, Khimifa, 1965. 127 p.
- KOLOBANOV, S. K. [Design and calculation of biological filters] *Proektirovaniye i raschet biologicheskikh fil'trov*. Kiev, Duvitel'nyk, 1965. 25 p. (Biblioteka inzhenera-santekhnika)
- KORSUNSKII, L. N. [Radio-wave propagation in airplane radio communications] *Rasprostraneniye radiovoln pri samoletnoi radiosv'язi*. Moskva, Sovetskoe radio, 1965. 407 p.
- KORTUNOV, A. K., and others. [Gas industry in the U.S.S.R.] *Gazovaya promyshlennost' SShA*. Pod obshch. red. A. K. Kortunova. Moskva, Nedra, 1964. 339 p.
- KOVAL', P. V. [Hydraulic and pneumatic drives. Hydrodynamic transmissions] *Gidro- i pnevmoprivod, gidrodinamicheskie peredachi; uchebnoe posobie*. Moskva, Mosk. in-t radioelektroniki i gornoi otektromekhaniki, 1964. 80 p. [MICROFILM]
- KRASNOIARSKAIA KOMPLEKSNAI. EKSPEDITSIYA. [Geology and geochemistry of the mineral resources of Krasnoyarsk Territory] *Geologiya i geokhimiya poleznykh iskopayemykh Krasnoyarskogo kraia, sbornik statei*. [Krasnoyarsk] Krasnoyarskoe knizhnoe izd-vo, 1964. 197 p.
- KRASNOV, B. I. A. [New developments in the manufacture of footwear from polymers] *Novye v proizvodstve obuvi iz polimerov*. Pod red. A. D. Zalonchkovskogo. Moskva, Legkaya industriya, 1964. 52 p. [MICROFILM]
- KRAVTSOV, I. S. [Home canning and preserving of food] *Domashnee konservirovaniye pishchevnykh produktov*. Odessa, Malak, 1965. 211 p.
- KROLEVETS', K. M. [Position-sensitive photocells] *Sliksluuchi fotoelementy*. Kyiv, Tekhnika, 1965. 139 p. (Biblioteka z napilvrovdnykhovoi elektroniki)
- KRYNETSKYI, I. I. [Man and the cybernetic machine] *Liudyna i kibernetichnyi avtomat*. Kyiv, Tekhnika, 1955. 84 p.
- KURNOSOV, A. M. [Characteristics of technical and economic methods of solving the main problems of coal mining, applicable to the working conditions in that seams in the Donets Basin, report at the All-Union Conference of Coal Industry Planners] *Kharakteristika tekhniko-ekonomicheskikh metodov resheniya osnovnykh zadach proektirovaniya gornogo khozaistva ugol'nykh shakht (primenitel'no k usloviam razrabotki pologikh plastov v Donbasse), doklad na Vsesolusnom soveshchani proektirovalshchikov ugol'noi promyshlennosti*. Moskva, in-t gornogo dela in. A. A. Skochinskogo, 1964. 27 p.
- LENINGRAD. INSTITUT ELEKTROMEKHANI. [Theory, design, and study of widely used electrical machines] *Teoriya, raschet i issledovaniye vysokeispol'zovannykh elekticheskikh mashin*. Moskva, Nauka, 1965. 242 p.
- LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATELSKII GEOLOGICHESKII INSTITUT. *Odde geologii uгля i goruchikh slantsev. [History of the coal accumulation in the Pechora Basin] Istoriya uglenakopleniya v Pechorskoi bassaine*. Moskva, Nauka, 1965. 248 p.
- LEPESHKIN, I. P., ed. [Handbook for the sugar manufacturer. Spravochnik sakharnika. Moskva, Pishchevaia promyshlennost'. Pt. 2. 1965. 778 p. diagr. (insert)]
- LENETSKII, V. F. [Migration of oil and the formation of its pools] *Migratsiya nefi i formirovaniye ee zalezhoi*. Kiev, Naukova dumka, 1965. 198 p.
- LIVSHITS, B. G., ed. [Metallographic laboratory] *Laboratoriya metallografi*. [By] E. V. Panchenko i dr., 2 izd., ispr. i dop. Moskva, Metallurgiya, 1965. 439 p.
- LOBANOV, M. M. [Problems of the automation of pulverized coal systems with ball mills] *Voprosy avtomatizatsii pylesistem s sharovymi barabannymi mel'nitsami*. Moskva, Energiya, 1965. 71 p.
- LOPUSHANSKII, V. E. [Safety in underground ore mining] *Tekhnika bezopasnosti pri razrabotke rudnykh mestorozhdenii podzemnyy sposobom*. Izd. 2, perer. i dop. Moskva, Nedra, 1965. 150 p.
- LOSEV, P. P. [Effectiveness of the modernization of papermaking and cardboard making machines] *Effektivnost' modernizatsii bumagodelatel'nykh i kartonodelatel'nykh mashin*. Moskva, Tsentr. nauchnoissl. in-t informatsii i tekhniko-ekon. issledovani po lesnoi, tsellulozno-bumazhnoi, derevobrabatyvatshelei promyshli, i lesnomu khoz., 1964. 26 p. (Bumaga i tselluloza) [MICROFILM]
- LUK'IANCHIKOV, A. S. [Submerged gas heating of liquids and melts] *Pogruzhenyi gazovyi nagrev zhidkostei i rasplavov*. Kiev, Tekhnika, 1965. 130 p.
- MAIOROV, S. A. [Technology of the manufacture of computers] *Tekhnologiya proizvodstva vychislitel'nykh mashin*. Moskva, Mashinostroenie, 1965. 410 p.
- MAKURIN, P. I. [Safety techniques in foundries] *Tekhnika bezopasnosti v litelnykh tsekhakh; spravochnik*. Moskva, Mashinostroenie, 1965. 307 p.
- MALINOVSKII, E. P. [Structural conditions for the formation of vein wolframite deposits] *Strukturalnye uslovia formirovaniya zhil'nykh vol'framitovykh mestorozhdenii*. Moskva, Nauka, 1965. 102 p.
- MAL'TSEV, B. V. [Copper smelter] *Medeplyavil'shchik*. [Moskva] Metallurgiya, 1965. 139 p.
- MARKOVA, N. F., comp. [Present state of the production and use of mine lighting apparatus based on ZKNG-100 hermetically sealed batteries] *Sostoyaniye proizvodstva i vvedeniya shakhtoi osvettitel'noi apparatury na baze gernetichnykh batarei ZKNG-100*. Moskva, in-t gornogo dela, 1964. 9 p.
- MASNER, LIBOSLAV. [Leather finishing. Translated from the Czech] *Odelska kozh*. Pod red. A. N. Mikhailova. Moskva, Legkaya industriya, 1965. 322 p.
- MASTIUKOV, A. E., and G. G. ROMANOVSKII. [Use of the viscous sulfuric acid solutions of capion in turpentine] *Primeneniye viskoznykh sernikislotnykh rastvorov kapiona v podacnom proizvodstve*. Moskva, Lesnaya promyshlennost', 1965. 28 p.
- MATSNEV, A. I. [Using flotation for the purification of waste water] *Primeneniye flotatsii dlia ochistki stochnykh vod*. Kiev, Duvitel'nyk, 1965. 57 p.
- MEDVEDEV, I. A. I. [Gases in the foundry mold] *Газы в литейной форме*. Moskva, Mashinostroenie, 1965. 236 p.
- MEEROV, M. V. [Systems of multiple-coupled control] *Sistemy mnogovyaznogo regulirovaniya*. Moskva, Nauka, 1965. 384 p.
- MEL'NIKOV, N. V. [Academician A. A. Skochinskii, noted scientist of mining engineering and technology; report to the Scientific Council of the A. A. Skochinskii Mining Institute, September 23, 1964] *Vydustshchisla delatel' gornoi nauki i tekhniki akademika A. A. Skochinskii; doklad na Uchenom soвете IOU im. A. A. Skochinskogo, 23 sentabria 1964 g.* Moskva, in-t gornogo dela, 1964. 17 p.
- MEOS, A. I., and L. A. VOL'F. [New synthetic fibers; production of fibers from polyvinyl alcohol] *Novye sinteticheskie volokna; proizvodstvo volokon iz polivinilovogo spirita*. [Leningrad] Lenizdat, 1965. 50 p.
- MEZENTSEV, G. L. [Safety manual for trolleybus operators] *Pamiatka po tekhnike bezopasnosti dlia voditel'ia trolleibusa*. Moskva, Stroizdat, 1965. 25 p. (Tekhnika bezopasnosti v kommunal'nom khozaiстве)
- MINDELI, E. O., N. G. PETROV, and S. V. OSTROVIDOV. [Computation and selection of basic parameters for short-delay blasting; methodological instructions] *Raschet i vybor osnovnykh parametrov korotkozamedlenogo vzryvaniya; metodicheskie ukazaniya*. Moskva, in-t gornogo dela, 1964. 19 p.
- MITSEKVEYCH, B. F. [Geochemical methods of prospecting and the conditions for their use in the Ukraine and in Moldavia] *Geokhimicheskie metody razskhlyta umovy ikh zastosuvannya na Ukraini i v Moldavii*. Kyiv, Naukova dumka, 1965. 127 p.
- MOROZOV, I. A., S. I. GAMEROV, and A. F. CHERNYSHEV. [All-metal passenger cars] *Tsel'nometalliche-skie passazhirskie vagny*. Moskva, Mashinostroenie, 1965. 254 p.
- MOSCOW. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT MASHINOVEDENIYA. [Plastics in sliding bearings; investigations and experience in their use] *Plastmassy v podshpnykh skoi' zhenilia; issledovaniya, opyt primeneniya*. Moskva, Nauka, 1965. 183 p.
- MOSCOW. INSTITUT GEOLOGII I RAZRABOTKI GORNU-CHIKH ISOPAEMYKH. [General principles of the formation of the bituminous series based on the example of the Volga-Ural province] *Obshchie printsy formirovaniya bituminoznykh svit na primere Volgo-Ural'skoi provintsi*. Moskva, Nauka, 1965. 201 p.
- MOSCOW. INSTITUT GORNOGO DELA IMENI A. A. SKOCHINSKOGO. [Terminological dictionary of mining] *Terminologicheskii slovar' "Gornoe delo"*. Red. kollegiya: N. V. Mel'nikov i dr. Moskva, Nedra, 1965. 299 p.

- MOSCOW. INZHENERNO-FIZICHESKII INSTITUT [Some trends in present-day technological progress] Nekotorye napravleniya razvitiya tekhnicheskogo progressa. Otv. red. S.N. Epshteyn. Moskva, 1962. 37 p. (Iz: Trudy)
- MOSCOW. NAUCHNO-ISSLEDOVATELSKII INSTITUT STROITEL'NYKH KONSTRUKTSII. [Tridimensional blocks in industrial construction] Ob'emye bloki v promyshlennom stroitel'stve. Kiev, Duvil'nyk, 1965. 66 p.
- MOSCOW. TSENTRAL'NYI INSTITUT NAUCHNO-TEKHNIЧЕСКОГО ИНФОРМАЦИОННОГО ПРОМЫШЛЕННОСТИ. [Leatherlike rubber for the sole parts of footwear manufactured by the cementing method] Kozhepodobnyy i aziny dlya obuvi kleevogo metoda krapleniya. Moskva, 1964. 39 p. [MICROFILM]
- MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATELSKII INSTITUT INFORMATSII I TEKHNIKO-EKONOMICHESKIIH ISSLEDOVANIY PO LESNOI, TSELI I LULUOZNO-BUMAZHNOI, DEREVOOBRABATYVAYUSHCHET PROMYSHLENNOSTI I LESNOMU KHOZIAISTVU. [Production of newspaper] Proizvodstvo gazetnoi bumagi. Moskva, 1964. 43 p. (Bumaga i tselluloza) [MICROFILM]
- MOSCOW. VSESIOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT MINERAL'NOGO SYRYA. [Industry's requirements as to the quality of mineral raw materials; a handbook for geologists] Trebovaniya promyshlennosti k kachestvu mineral'nogo syr'ya; spravochnik dlya geologov. Izd. 2., perer. Moskva, Nedra.
- No. 6. Chernosvlov, Iu. L. [Molding materials] Formovochnye materialy. Nauchn. red. S.A. Kulchikov. 1965. 62 p.
- Nedra.
- No. 64. Rempel', A. M., and P. V. Sukhov. [Ceramic raw materials] Keramicheskie syr'ya. Nauchn. red. R. A. Popil'skii. 1965. 62 p.
- Nedra.
- No. 77. Dzons-Litovskii, A. I., and V. A. Ivanov. [Common salt] Fovarennaya sol'. Nauchn. red. Iu. L. Chernosvlov. 1965. 43 p.
- MOSCOW. VSESIOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT VODOSNABZHENIYA, KANALIZATSII, GIDROTEKHNIЧЕСКИХ СООРУЖЕНИЙ И ИНЖЕНЕРНО-ГЕОЛОГИИ. [Recommendations on the design of metallurgical pulp storage structures] Rekomendatsii po proektirovaniu sooruzhenii shlamokhranilishch metallurgicheskoi promyshlennosti. Moskva, Stroiizdat, 1965. 143 p.
- MURAV'EV, I. V., Iu. S. OGAR', and P. S. PAL'CHUN. [Machinery and tools for track maintenance and repair] Putevye mekhanizmy i instrument. Moskva, Transport, 1964. 311 p.
- NAZARCHUK, T. N., and O. I. POPOVA. [Complexometric analysis of ceramic metal and ceramic materials and of certain alloys] Kompleksometricheskii analiz metallokeramicheskikh i keramicheskikh materialov i nekotorykh splavov. Kiev, Naukova dumka, 1965. 120 p.
- NEBOGATOV, Iu. E., and V. I. TAMAROVSKII. [Special casting processes] Spetsial'nye vidy lit'ya. Moskva, Mashinostroenie, 1965. 156 p.
- NEPOROZHNI, P. S. [Power engineering and construction of power systems in India] Energetika i energicheskoe stroitel'stvo Indii. Moskva, Energiia, 1965. 108 p.
- NEKITIN, V. S. [Open-pit mine ventilation; report at the anniversary session of the Scientific Council dedicated to the memory of Academician A. A. Skochinskii on the occasion of the 90th anniversary of his birth] Problema proverivaniya otkrytykh gornykh razrabotok; doklad na jubileinoe zasiedani Uchenogo sojeta, posvyashchennom pamiatl akademika A. A. Skochinskogo v svyazi s 90-letiem so dnia rozhdeniya. Moskva, In-t gornogo dela, 1964. 24 p.
- NIKOLAEVSKII, E. I. A., and S. L. STERLIN, eds. [Technological pipelines in industrial enterprises] Tekhnologicheskie truboprovody promyshlennykh predpriatii. Moskva, Stroiizdat.
- Pl. 1. [Pipes and parts of pipelines] Truby i detali truboprovodov. 1964. 784 p. (Spravochnik po spetsial'nym rabotam)
- NOVOZHILOV, M. G., B. N. TARTAKOVSKII, and M. I. BARSUKOV. [Designing a technology for open-pit mine construction by using continuous techniques] Proektirovaniye tekhnologii stroitel'stva kar'erov pri primeneni tekhniki nepreryvnogo delaivlia. Moskva, Nauka, 1965. 110 p.
- NOVOZHILOV, M. G., B. N. TARTAKOVSKII, and V. S. ESKIN. [Continuous techniques in open-cut mining of deposits; theoretical bases] Potochnaya tekhnologiya otkrytoi razrabotki mestorozhdenii, teoreticheskie osnovy. Kiev, Naukova dumka, 1965. 249 p.
- ORVINTSEV, V. I. [Joining pipes with epoxy glues] Soedineniye truboprovodov na epoksidnykh klestk. Kiev, Duvil'nyk, 1965. 20 p. (Biblioteka inzhenera-santekhnika)
- OKUN', L. M. [TU-5-4 repeating apparatus] Translatsionnaya apparatura TU-5-4. Moskva, Svyaz', 1965. 108 p.
- PANTAEV, N. F., and V. G. DIANOV. [Principles of the theory of automatic control and automatic controllers] Osnovy teorii avtomaticheskogo regulirovaniya i avtoregulyatory. Moskva, Nedra, 1965. 344 p.
- PAVLOV, Iu. V. [Distant roads...] Dorogi dal'nie... Moskva, Mysl', 1965. 82 p.
- PETKEVICH, G. I., and T. Z. VERBITSKII. [Studying the elastic properties of porous geological media containing liquids] Issledovanie uprugikh svoystv poristykh geologicheskikh sred, soderzhashchikh zhidkosti. Kiev, Naukova dumka, 1965. 74 p.
- PETROSIAN, A. E., I. V. SERGEEV, and N. I. USTINOV. [Gas control with the use of new equipment, report at the All-Union Seminar on Exchange of Experience in the Field of Safety Measures at Enterprises of the Coal Industry] Voprosy bor'by s gazom pri primeneni novoi tekhniki; doklad na Vsesoyuznom seminar po obmenu opytom v oblasti tekhniki bezopasnosti na predpriatiakh ugol'noi promyshlennosti. Moskva, In-t gornogo dela, 1964. 18 p.
- PETROV, G. V. [Equipment of soda plants] Oborudovaniye sodovykh zavodov. Khar'kov, Izd-vo Khar'kovskogo univ., 1965. 325 p.
- PETROV, V. P. [Gas fuel in agriculture] Gazovo toplivo v sel'skom khoziaistve. Leningrad, Nedra, 1965. 156 p. (Biblioteka mastera gazovogo khoziaistva)
- PITADE, A. A., V. A. IAROSHENKO, and A. N. BOR'KIN. [New equipment and technology for exploratory boring] Novaya tekhnika i tekhnologiya razvedochnogo bureniya. Moskva, Nedra, 1965. 126 p.
- PLATONOV, V. M., and B. G. BERGO. [Separation of multicomponent mixtures; calculation and study of rectification with computers] Razdeleniye mnogokomponentnykh smesey; raschet i issledovanie rektifikatsii na vychislitel'nykh mashinakh. Moskva, Khimika, 1965. 307 p.
- PLISKO, V. A. [Elements of digital computers] Elementy tsifrovyykh mashin. Moskva, Voenizdat, 1965. 159 p.
- PLOTNIK, I. A. D. [Technical and economic efficiency of measuring and regulating devices] Tekhniko-ekonomicheskaya effektivnost' izmeritel'nykh i reguliruyemykh ustroystv. Kiev, Tekhnika, 1965. 201 p.
- POCHEPA, A. M. [Television in questions and answers] Televideniye v voprosakh i otvetakh. Odessa, Izd-vo "Mains", 1965. 275 p.
- POGARESKII, N. A. [Universal transmissions of pneumatic three motor vehicles] Universal'nye transmisiinye pnevmokolesnykh mashin. Moskva, Mashinostroenie, 1965. 219 p.
- [POWER SYSTEMS OF COMMUNICATION ENTERPRISES] Energetika predpriatii svyazi. [By] B. P. Terent'ev i dr. Moskva, Svyaz', 1965. 614 p.
- PROTODI'AKONOV, M. M. [Methods for estimating the jointing and strength of rocks in a massif; report at the seminar on the problems of studying the mechanical properties of rocks in a massif] Metody otsenki treshchinosvatosti i prochnosti gornykh porod v massive; doklad na seminar po voprosam issledovaniya mekhanicheskikh svoystv gornykh porod v massive. Moskva, In-t gornogo dela, 1964. 28 p.
- RIADINOK, A. G. [Electrochemical dimensional machining of metals and alloys] Elektrokhimicheskaya razmernaya obrabotka metallov i splavov. [Leningrad] Lenizdat, 1965. 166 p.
- RUSSIA (1917- R. S. F. S. R.) Volgo-Vintskii ekonomicheskii administrativnyi rayon. Sviat narodnogo khoziaistva. [Cutting high-strength and stainless steels, heat resistant and titanium alloys; materials of the Interfactory school of progressive practices] Obrabotka rezaniem vysokoprechnykh i nerzhavayushchikh staley, zharoprechnykh i titanovykh splavov, materialy mezhzavodskoi shkoly poudochnogo opyta. Gor'kii, TSentr biuro tekhn. informatsii, 1964. 76 p. [MICROFILM]
- RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 6 of standard district uniform estimates for construction operations; artificial water level lowering and drainage. Artificial soil compaction] Sbornik No. 6 edinykh ratonnykh edinchnykh rastenok na stroitel'nye raboty; iskusstvennoe vodoponizheniye i osusheniye. Iskustvennoe zakreplenie gruntov. Moskva, Stroiizdat, 1965. 21 p.
- RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 43 of standard district uniform estimates for construction operations; operations for reconstruction of industrial buildings and structures] Sbornik No. 43 edinykh ratonnykh edinchnykh rastenok na stroitel'nye raboty; raboty po rekonstruktsii promyshlennykh zdaniy i sooruzhenii. Moskva, Stroiizdat, 1965. 52 p.
- RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions on designing hydraulic structures subject to wave action] Ukazaniya po proektirovaniu gidrotekhnicheskikh sooruzhenii, podverzhennykh volnovym vozdeystviyam (SN 288-64). Izd. otsial'noe. Moskva, Stroiizdat, 1965. 130 p.
- RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Safety regulations and industrial sanitation in glass manufacturing enterprises] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii na predpriatiakh stekol'noi promyshlennosti (SN 191-61) Izd. 2., ispr. Moskva, Stroiizdat, 1965. 82 p.
- RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po grazhdanskomu stroitel'stvu i arkhitekturo. [Instructions on designing built-up roofs for apartment and public buildings] Ukazaniya po proektirovaniu bescherdachnykh krysh zilykh i obshchestvennykh zdaniy (SN 51-64). Izd. otsial'noe. Moskva, Stroiizdat, 1965. 23 p.
- RUSSIA (1923- U. S. S. R.) Tekhnicheskoe upravleniye po eksploatatsii energosistem. [Regulations for operating and testing protective means used in electrical systems] Pravila ispol'zovaniya i ispytaniya zaschitnykh sredstv, primenyaemykh v elektrostanovalkakh. Izd. 4. [Kiev] Tekhnika, [1965] 56 p.
- SABININ, A. A., I. P. PLEKHANOV, and V. A. CHERNIATIN. [Manual for the driver of the second class] Uchebnik shofera vtorogo klassa. Izd. 2., perer. 1 dop. Moskva, Transport, 1965. 393 p.
- [SAFETY MANUAL FOR STOKERS OF WATER-HEATING AND STEAM BOILERS AND OPERATORS OF LOCOMOBILES] Pamiatka po tekhnike bezopasnosti dlya kochegarov vodogreynykh i parovykh kotlov i mashinistov lokomobiley. Moskva, Rosset'khoziaizdat, 1965. 46 p. (Pamiatka po tekhnike bezopasnosti v sel'skom khoziaistve)
- SARIN, M. I., M. I. STUL'PINAS, and L. S. IAKOBSON. [Use of the P180-45 result perforator] Primeneniye litogovogo perforatora P180-45. Moskva, Statistika, 1965. 62 p.
- SEMINAR PO ZHAROSTOIKIM POKRYTIAM, Leningrad, 1964. [Heat-resistant coatings; transactions] Zharostoiiki pokrytiya; trudy. Leningrad, Nauka, 1965. 233 p.
- SEVERO-KAVKAZSKOE SOVESHCHANIE NEFTIANTOV, Krasnodar, 1958. [Prospects of oil and trends in prospecting for oil and gas in the Northern Caucasus and in Ciscaucasia] Perspektivy i napravleniye razvedochnykh rabot na neft' i gaz na Severnom Kavkaze i v Predkavkaz'e. Moskva, Gos. nauchno-tekhn. izd-vo neflianoi i gorno-toplivnoi lit-ry, 1959. 242 p., maps. (NNC)
- SHAPIO, D. M., A. I. PODORVANOV, and A. N. MIRONOV. [Collection of problems of the strength of materials] Sbornik zadach po soprotivleniyu materialov. Izd. 2., perer. Moskva, Vysshaya shkola, 1965. 369 p.

- SHENIUK, G. S.** [Cement and concrete in the construction of city streets] Tsement i beton v gorodskom dorozhnom stroitel'stve. Pod red. V. K. Nekrasova. Moskva, Stroiizdat, 1965. 95 p.
- SHILOV, I. A.** [Nature of the mathematical dependence of a remagnetizing signal on time and field] Kharakter matematicheskoi zavisimosti signala peremagnichivaniya ot vremeni i polya. Moskva, In-t tekhnoi mekhaniki i vychislitel'noi tekhniki, 1964. 15 p.
- SKVORTSOV, G. S.** [Teaching the special technology of spinning in the professional technical schools, cotton manufacture] Prepodavanie spetsial'noi tekhnologii prikladnaya v professional'no-tekhnicheskikh uchilishchakh, yklopkatobumazhnaya promyshlennost'. Moskva, Vysshaya shkola, 1965. 140 p.
- SNAGOVSKI, E. S., and V. A. CHERNOV.** [Development of a remote control system and studies of mine remote control channels, report at the All-Union Conference of Coal Industry Planners] Razrabotka telemekhanicheskoi sistemy issledovaniya shakhtnykh kanalov telemekhaniki, doklad na Vsesoiuznom soveshchaniy proektirovaniya ugo'noi promyshlennosti. Moskva, In-t goinogo dela, 1964. 19 p.
- SOKOLOV, P. V.** [Designing drying and heating machines for wood] Proektirovaniye sushil'nykh i nagrevatel'nykh ustanovok dlya drevesiny. Moskva, Lesnaya promyshlennost', 1965. 330 p.
- SOTSKOV, B. S.** [Principles of the calculation and design of electromechanical components of automatic and remote control systems] Osnovy rascheta i proektirovaniya elektromekhanicheskikh elementov avtomaticheskikh i telemekhanicheskikh ustroystv. Moskva, Energiya, 1965. 575 p.
- STOLIARCHUK, V. F.** [Dynamics of vertical hoisting] Dinamika vertikal'nogo pod'bima. [L'viv] Izd-vo Lvovskogo univ., 1965. 180 p.
- STRUNNIKOV, N. F., L. M. SOBOLEV, and I. A. SOLOV'EV.** [Tractors, a concise manual] Traktory, kratkii spravochnik. [Kostroma] Kostromskoe knizhnoe izd-vo, 1963. 434 p.
- SULEIMANOV, A. B.** [Developing oil fields by slim wells] Razrabotka neflanykh meslorozhdenii skva-zhinami malogo diametra. Baku, Azerneshir, 1965. 441 p.
- SURZHANENKO, A. E.** [House painting, paper hanging and glass work] Malarye, oboi nye i stekol'nye raboty. Izd. 2, ispr. i dop. (stereotipnoe). Moskva, Vysshaya shkola, 1965. 366 p.
- SVARICHOVSKI, I. G.** [Famous clocks] Znamiyete chasy. Pod red. B. Popova. Moskva, Znanie, 1965. 92 p. (Prochi, tovarishchi!)
- TARASOV, F. I.** [Triodes] Triody. Moskva, Energiya, 1965. 31 p. (Massovaya radiobiblioteka. Spravochnaya seriya, no. 570)
- TIJUN, G. S., and A. V. ELIUTIN, trs.** [Electron melting of metals. Translated from the English] Elektronnaya plavka metallov. Pod red. M. A. Mauryakha. Moskva, Izd-vo "Mir," 1964. 357 p.
- TROIAN, T. I., and R. E. KURTIS.** [New developments in housing construction in Moldavia] Novoe v zhilishch-nom stroitel'stve Moldavii. Kishinev, Kartia moldovenaske, 1963. 52 p. (Vystavka dostizhenii narodnogo khoziaistva Moldavskoi SSR)
- TURBAKOV, A. A.** [Electrical engineering and the electrical equipment of ships] Elektrotehnika i elektrooborudovanie sudov. Moskva, Transport, 1965. 448 p.
- UDALOV, N. P.** [Translator sensing elements] Poluprovodnikovye datchiki. Moskva, Energiya, 1965. 238 p.
- UKOLOV, V. S.** [Corn drying] Sushka kukuruzy. Moskva, Kolos, 1964. 303 p.
- UKRAINE** Upravlenie remontno-stroitel'nykh organizatsii. [Norms and estimates for repair work on apartment houses and public buildings] Normy i raschenki na rabotu po remontu zhilykh i obshchestvennykh zdaniy. Kiev, Budivel'nyk, 1965. 235 p.
- [USEFUL ADVICE]** Poleznye sovery. [Moskva] Legkaya industriya, 1965. 170 p.
- UZILEVSKI, V. A.** [Legend of the crystal egg, tale about a professor of television] Legenda o khristal'nom ianise, povest' o professore teledeniya. [Leningrad] Leningrad, 1965. 271 p.
- VASHCHENKO, Z. M.** [Chemical mineral raw materials of the Ukrainian S. S. R. (1917-1963): a bibliographic index to the literature] Khimichna mineral'na syrovyna Ukrainy pol' SSR (1917-1963), bibliografichnyi pokaznyk literatury. Kyiv, Naukova dumka, 1965. 158 p.
- VINOGRADOV, L. V.** [Power engineering of tomorrow] Energetika zavtrashnego dnya. Moskva, Voenizdat, 1965. 78 p. (Nauchno-popularnaya biblioteka voenno-go izdatel'stva)
- VYUKOV, I. E.** [Automatic control systems of the electric drives of paper making machines] Sistemy avtomaticheskogo regulirovaniya elektroprivodov bumagodelatel'nykh mashin. Moskva, Lesnaya promyshlennost', 1965. 214 p.
- VLADIMIRSKI TRAKTORNYI ZAVOD, Vladimiri.** [Catalog of parts for the T28Kh3 "Vladimirets" tractor] Katalog detalей traktora "Vladimirets" T28X3. Moskva, Mashinostroyeniye, 1965. 151 p.
- VOLIN, M. L.** [Shay couplings and induction] Parazitnye svyazi i navodki. Izd. 2, ispr. i dop. Moskva, Sovetskoe radio, 1965. 231 p.
- VOLKOV, M. I., I. M. BORSICH, and I. V. KOROLEV.** [Road materials] Dorozhno-stroitel'nye materialy. Moskva, Transport, 1965. 521 p.
- VOLKOVA, A. IA.** [Mineral resources of Turkmenistan, natural building materials. A bibliography of the literature] Poleznye iskopaemye Turkmeniskoi SSR, estestvennye stroitel'nye materialy. Bibliograficheskii ukazatel' literatury. Nauchn. red. A. Karyev. Ashkhabad, Turkmenskaya gos. respubl. biblioteka, 1964. 144 p.
- VOLOKITENKOV, A. A., and A. S. VOLKOV.** [Making artificial walls and divider bridges in boreholes] Ustanovka iskusstvennykh zaboev i razdelitel'nykh mostov v burovnykh skvazhinakh. Moskva, Nedra, 1965. 86 p.
- VOROB'EV, V. A.** [Manufacture and use of plastics in building] Proizvodstvo i primeneniye plastmass v stroitel'stve. Moskva, Stroiizdat, 1965. 234 p.
- VOROB'EV, V. A.** [Principles of the technology of plastic building materials] Osnovy tekhnologii stroitel'nykh materialov iz plasticheskikh mass. Moskva, Vysshaya shkola, 1965. 323 p.
- VOZNESENSKI, A. A.** [Increasing the effectiveness of thermal engineering systems] Povysheniye effektivnosti ustanovok promyshlennoi teplotekhniki. Moskva, Energiya, 1965. 342 p.
- VRONSKI, B. I.** [On the golden Kolyma, a collection of a geologist] Na zolotoi Kolyma, vospominaniya geologa. [Moskva, Mysl', 1965] 279 p. (Puteshestviya, priklucheniya, fantastika)
- VVEDENSKI, B. A., ed. and others.** [Long-distance tropospheric propagation of ultrashort radio waves] Dal'nee troposfernoye rasprostraneniye ul'trakorotkikh radiovoln. [By] N. A. Armand i dr. Moskva, Sovetskoe radio, 1965. 414 p.
- ZHELEZNIK, I. A.** [Regulation of flood flow] Regulirovaniye pavodchnogo stoka. Leningrad, Gidrometeotizdat. Pis. 1-2. 1965. 325 p.
- ZHIGAREV, A. A.** [Electron-beam devices] Elektronno-luchevyye pribory. Moskva, Energiya, 1965. 335 p.

17. MILITARY & NAVAL SCIENCES

[AVIATION EQUIPMENT OF THE AIR FORCES OF CAPITALIST COUNTRIES; a collection of translated articles] Aviatsonnaya tekhnika VVS kapitalisticheskikh stran; sbornik perevodnykh statei. Moskva, Voenizdat, 1964. 269 p.

AVTOKRATOV, V. N. [Administration of the armed forces of Russia in the early 18th century; based on materials of the Department of Military Affairs. Author's abstract of a dissertation for the degree of Candidate of Historical Sciences] Upravlenie vooruzhennymi silami Rossii v nachale XVIII veka; po materialam Prikaza voennykh del. Avtoreferat dissertatsii na soiskaniye uchenoj stepeni kandidata istoricheskikh nauk. Nauchn. rukovoditel' A. A. Zimin. Moskva, Mosk. gos. istoriko-arkhivnyi in-t, 1964. 18 p.

[MICROFILM]

BELKIN, I. M., L. M. ROMANTSEVA, and V. A. SUKHA-NOVA. [Plastics in armored equipment] Plastmassy v bronetankovoi tekhnike. Moskva, Voenizdat, 1965. 136 p.

BOGDANOV, V. P. [Economy of nonferrous metals in shipbuilding (in the design of ship systems and piping)] Ekonomika tsvalnykh metallov v sudostroyenii (pri proektirovani sudovykh sistem i truboprovodov). Leningrad, Sudostroyeniye, 1965. 129 p.

DANILOV, I. S., V. I. RYZHKOV, and M. G. ANISIMOV, comps. [Arabic-Russian and Russian-Arabic military dictionary] Arabsko-russkii i russko-arabskii voennyi slovar'. Pod red. I. S. Danilova. Moskva, Voenizdat, 1965. 701 p.

DOROGOSTAISKI, D. V., ed. [Theory and construction of ships] Teoriya i ustroystvo sudov. [By] Z. M. Afonin i dr. Moskva, Transport, 1965. 371 p.

GORIUNOV, B. F., and A. IA. KORCHAGINA. [Moorings and lashing dolphins] Prikladnye i oboznye paly. Moskva, Transport, 1965. 96 p.

KATERINICH, V. M., I. N. ERASHOV, and T. K. BELASHCHENKO. [The face of imperialist wars] Litsa imperialisticheskoi kazarny. Pod obshch. red. A. M. Shovenko. Moskva, Voenizdat, 1965. 76 p.

KOVAL'CHUK, V. S. [Marine radiotelephonic communication and apparatus] Morskaya radiotelefonnaya svyaz' i apparatura. Moskva, Transport, 1965. 177 p. (diagramy, inzh.)

KUZNETSOV, I. I., and L. V. KHANBEKOV. [A Siberian went off to the war... the combat record of the two-time Hero of the Soviet Union, General of the Army A. P. Beloborodov] Ukhodil na volnu sibiriak... boevoy put' dvazhdy Gei oia Sovetskogo Soyuza generala armii A. P. Beloborodova. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965. 71 p. (CST-H)

MADATOV, N. M. [Underwater repair of ships and other vessels] Podvodnyi remont korabli i sudov. Moskva, Voenizdat, 1965. 279 p.

MIKHIEV, A. G. [Towing practices in harbors] Praktika portovyykh buksirovok. Moskva, Transport, 1965. 72 p.

MOKIEVSKI, B. I. [Factory on the Dyina] Zavod na Dyine. [Vologda] Vologodskoe knizhnoe izd-vo, 1962. 74 p. (Iz istorii fabrik i zavodov) (VU)

MOSCOW. VOENNAIA AKADEMIYA IMENI M. V. FRUNZE. [Dictionary of basic military terms] Slovar' osnovnykh voennykh terminov. Moskva, Voenizdat, 1965. 247 p. (Biblioteka offtsera)

MURU, N. P. [Ensuring the insubmersibility of the ship, general principles] Obespecheniye nepotoplennosti korablia, obshchie printsipy. Moskva, Voenizdat, 1965. 193 p.

NAUMOV, A. I., and N. M. RENSKII. [Manual for wheelmen and engineers of the river and lake fleet] Posobie rulevomu-motoristu rechnogo i ozerogo flota. Moskva, Transport, 1965. 282 p.

NEBESNOV, V. I. [Problems in the joint operation of ship engines, propellers and the hull, studies with electronic analog computers] Voprosy sovmestnoi raboty dvigatel, vintov i korpusa sudna, issledovaniya na EVMND. Leningrad, Sudostroyeniye, 1965. 240 p.

NIKOLAEV, E. V., and P. P. KATKOV. [Work safety in the building of plastic vessels] Bezopasnost' truda v plastmassovom sudostroyenii. Leningrad, Sudostroyeniye, 1965. 85 p. (Biblioteka po tekhnike bezopasnosti)

POBEZHIMOV, I. F., and D. N. ARTAMANOV. [Combined-arms regulations, a code of rules for the conduct and activity of servicemen] Obshchevoinskie ustavy—svod pravil povedeniya i delatel'nosti voenno-sluzhashchikh. Moskva, Voenizdat, 1964. 66 p.

[PROBLEMS OF STRATEGY AND OPERATIONAL ART IN SOVIET MILITARY WORKS, 1917-1940] Voprosy strategii i operativnogo iskustva v sovetskikh voennykh trudakh (1917-1940 gg.). Moskva, Voenizdat, 1965. 767 p.

RODIMTSEV, A. I. [People of legendary heroism] Liudi legendarnogo podviga. Moskva, DOSAAF, 1964. 133 p. (CST-H)

RODIONOV, A. I., V. I. UDALOV, and V. I. SHCHEGO-
LEV [Maneuvering devices of seagoing vessels]
Sredstva manevrirovaniia morskikh sudov Moskva,
Transport, 1965 100 p

RUSSIA (1923- U.S.S.R.) Ministerstvo oborony
[Artillery manual of the Soviet Army, for machine and
field service of ground artillery] Nastavlenie artil-
lerii Sovetskoi Armii, strel'noi i ognevaiia sluzhba nazemi-
noi artillerii Moskva, Voenizdat, 1955 367 p

SEMENOV, I. G., and M. M. ERMOKHIN, [New military
statutes] Novye voinskie ustavy Moskva, Voen-
izd-vo, 1961. 39 p.
(NNC)

SHILIN, N. K. [Right-flank men] Pravoflankovye, Mo-
skva, Voenizdat, 1965, 110 p. (Biblioteka soldata i
matrosa)

SHUBINSKII, A. I., and I. N. KABANOV [Electrician
in harbor mechanization] Elektromontazh portovoi
mekhanizatsii Moskva, Transport, 1965. 183 p

SMIRNOV, A. S. [Basic methods of the self-defense of
the population against bacteriological weapons]
Osnovnye sposoby samozashchity naseleniia ot bak-
teriologicheskogo oruzhii. Moskva, Meditsina,
1965. 54 p. (Nauchno-populianala meditsinskaiia
literatura)

SOTNIKOV, V. F., and M. M. PLASTUNOV, [The
commander assumes his office, advice to the young
commander of a company or battery] Komandir
vstupaet v dolzhnost', sovety molodomu komandiru
rot i batarei. Moskva, Voenizdat, 1965. 190 p.

STORozHEV, N. F. [Maneuverability of river vessels
and trains] Upravliaemost' rechnykh sudov i sosa-
vov Moskva, Transport, 1965 145 p

[THEORETICAL PRINCIPLES OF THE OPERATION OF
MARINE DIESEL ENGINES] Teoreticheskie osnovy
ekspluatatsii sudovykh dizelov. [By] V. I. Gitis i dr
Moskva, Transport, 1965 375 p

VINOKUR, L. A. [Seventh Guards Brigade marches
westward] 7-la Gvardeiskaiia ideit na zapad Volgo-
grad, Nizhne-Volzhskoe knizhnoe izd-vo, 1964,
268 p.
(CS1-II)

PART B--PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation. For publishers of such translated periodicals, their subscription prices, etc., see listing at end of this issue.

1. GENERAL

SCHOLARLY JOURNALS

AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, Baku, *Izvestiya. Seriya obshchestvennykh nauk* [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin, Series in the Social Sciences], Baku, no. 3, 1965.

Table of contents translated

Ibragimov, Z.I., Tokarzhievskii, E.A. - The Academy of Sciences of the Azerbaijan S.S.R. and the development of historical science, p.3.

Abbasov, M. - From the history of the mass training of qualified agricultural workers in Azerbaijan, 1928-1937, p.14.

Talybade, Kamal. - Literary research should be applied in solving contemporary scientific and theoretical problems, p.24.

Budagova, Z., Rustamov, R. - Linguistic studies in Azerbaijan during twenty years, p.33.

Kochari, F. - On what problems our philosophers are working, p.52.

Salmov, I.D. - Development of legal sciences in the Academy of Sciences of the Azerbaijan S.S.R., p.60.

Makhmudov, A.A. - Development of economic science in Azerbaijan during 20 years, p.70.

Useinov, M.A. - Development of art studies, p.80.

AKADEMIYA NAUK GRUZINSKOI SSR, Tiflis, *Soobshcheniya* [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Reports], Tiflis, vol.38, no. 2, May 1965.

Table of contents translated:

Aleksidze, M.A. - Experiments on the numerical solution of the difference analog of the first boundary value problem, p.257.

TSereteli, O.D. - Length of a continuous path, p.263.

Dzhvarshelashvili, A.G. - Riesz's theorem for multiple singular integrals, p.267.

Pantelkava, G.V. - Asymptotic behavior of the amplitude of "real inelastic" collisions producing four particles, p.273.

Ebralidze, T.D. - Effect of the quantum nature of matter on the transmission of information, p.281.

Sikharulidze, D.I., Akhlabadashvili, A.M. - Long-period Rayleigh waves in the earth's mantle, p.289.

Caprindashvili, V.N., Gogeladze, L.K. - Nitric acid treatment of Georgian serpentinites, p.295.

Gogvadze, V.P., and others. - Permanganate number, fusibility, and refractive index of the system ϵ -caprolactam-cyclohexanone, p.303.

Benashvili, E.M. - Thermocatalytic transformations of low-octane gasoline after their treatment with thiourea, p.309.

Meskh, A.V. - Electrophoretic analysis of proteins of grapes of some Georgian varieties, p.315.

Kakabadze, V.Sh., Shorin, S.N. - Aldehydes in volatile substances emitted by mashed leaves, p.321.

Kakabadze, V.Sh., Shorin, S.N. - High-temperature conversion of natural gas in a reactor with twisted streams, p.329.

Budashvili, R.I. - Stratigraphy of the Malkop series of Guria, p.337.

Budashvili, R.I. - Scattering of strength indices in testing concrete specimens, p.343.

Kvirikadze, O.P. - Determining deformations and total deformation modulus or elastic modulus for concrete subjected to compression and tension, p.351.

Kakabadze, A.M., Tsanava, G.G. - Using the Trefftz method in solving some problems in structural mechanics, p.359.

Bezhanov, V.G. - Simple model for current commutation in an electrical network as applied to a collector-type d.c. machine, p.367.

Kvirikadze, Sh.N. - One-dimensional motion of an incompressible fluid in a perforated cylindrical pipe, p.375.

Chakhunashvili, V.N. - Investigating the temperature field of molten germanium and preparing crystals of prescribed size with a uniform distribution of impurities over their cross section, p.383.

Dzhigauri, E.L., TSilosani, G.A. - Specialization of *Pseudomonas tabaci* (Wolf et Foster) Stevens, the agent of wildfire of tobacco, p.381.

Kalandadze, L.P., and others. - Materials on the study of biological characteristics of the spruce bark beetle in Georgia, p.397.

Otskheli, T.A. - Dynamics of nuclei acids and glycogen in the process of tissue deterioration and restoration, p.405.

Mikeladze, L.G. - Analgesoidea of the Georgian S.S.R., p.413.

Kobakhidze, D.N. - A new species of pseudoscorpions *Wilhelm lohmanderi* Kobakhidze sp.n. from Sochi, p.417.

Vochorishvili, A.Sh. - Papillomatosis of the antrum of Highmore and the labyrinth of the ethmoid, p.421.

Dalakhishvili, S.M. - Structural state of some areas (1,4,9,19) of the cerebral cortex in elderly, old, and very old people, p.427.

TSkhoidze, I.U. - Age-related morphological characteristics of the thyroid gland in the endemic goiter foci of the Adzhar A.S.S.R., p.435.

Mikeladze, A.L., Kiknadze, G.I. - Study of the efferent connections of the parietal region of the brain, p.441.

Gzlishvili, N.A. - Change in the quantity of chlorides in the blood and urine following stomach secretion, p.449.

Chkhaidze, R., Bezarashvili, L. - Some indices of the coagulating blood system following the infection of contrasting substance in phlebography, p.457.

Gogvadze, O.V. - Structure of various central nervous system sections following experimental conclusion of the brain, p.465.

Kobulia, B.G. - Change in total gas exchange and arterial pressure under the conditions of curarization and dosed artificial respiration, p.471.

TSereteli, L.A. - Effect of surgical castration and hormone therapy on urinary 17-keto steroids in patients with prostate cancer, p.479.

TSomala, N.N. - Professional diseases in the arsenic acid anhydride industry, p.487.

Avallani, L.V., and others. - Treatment and late results of suppurative diseases in newborn infants, p.491.

Rtskhladze, I.M. - Nonspecific or immunallergic reactions in infants with pneumonia, p.497.

Topuria, V.T. - Undefined case in Old Georgian, p.509.

Vol.39, no.2, Aug.1965.

Table of contents translated

Ebanidze, T.A. - A class of infinite systems of nonlinear integral equations with a fixed singularity, p.257.

Rukhadze, I.R. - Local homology groups of various kinds and their mutual relationships, p.261.

Robitashvili, N.G. - Reduction of II II-formulae in pure functional calculus of the first order to certain particular cases of the problem of resolution, p.269.

Pandzhakidze, Sh.P. - The Men'shov-Rademacher theorem for double orthogonal series, p.277.

Chikovani, R.I. - A method for studying local levels, p.283.

Bagdavadze, N.V., and others. - Radioactive method for determining gold in the blood, p.287.

Shkol'nik, A.L. - Photosensitivity of MoO_3 single crystals, p.295.

Erstavi, D.I., Bokuchava, L.V. - Study of organic matter in mineral waters of Georgia, p.299.

Davitashvili, E.G., Modkadze, M.E. - Mechanism of yttrium oxalate formation, p.305.

Mestlishvili, I.G. - Cases of family hemoglobin diseases among Georgians and Azerbaijanis living in the Georgian S.S.R., p.313.

Bogolavenskii, E.N., Dzhanaashvili, B.A. - Precipitation of hydrated manganese oxide from its nitrate, p.321.

Sarukhanishvili, A.V. - Crystallization ability of a series of glasses of the system albite - anorthite - diopside, p.329.

TSereteli, D.V. - Fluctuation of the sea level of the Black Sea in postglacial time, p.337.

Kiknadze, T.Z., Pulina, M. - Characteristics of the development of the Gyulze karst sink of the Arabika Massif, p.343.

Buchidze, G.I., Sikharulidze, G.G. - Occluded gases of diabases in Borzhomi District, p.349.

Chubridze, I.V. - Stratigraphy of Lower Cretaceous and Cenomanian sediments in the Abkhazian part of the Georgian block according to microfossils, p.357.

Chelidze, D.G. - Opoka in the surrounding area of Kutaisi, p.365.

Bekun, M.L. - New species of Ostracoda from Cenomanian sediments in Abkhazia, p.371.

Kavkazhashvili, Zh.R. - Conditions governing the existence of Early Oligocene mollusks in the Akhaltskhe depression, p.379.

Gabunia, K.G. - Investigating the creep and stress relaxation of high-strength reinforcement steel, p.383.

Asatiani, D.I. - Economic distribution of traction substations, p.391.

Amiranashvili, V.P. - Stress distribution on the supports in deep Donets Basin mines, p.397.

Dzhvarshelashvili, A.G., Kirmelashvili, G.I. - Determining the amount of hydraulic impact pressure in hydraulic mining equipment, p.403.

Adamia, R.Sh., Melpariani, V.G. - Investigating the main line dynamics of a three-high 2100 lamina sheet rolling mill by means of electronic modeling, p.411.

Bakradze, I.I., Shabashvili, Sh.K. - Effect of deformations on the bending resistance of polyamide spur gear wheels having nonstandard initial contours, p.419.

Kvachakidze, R.K. - Some characteristics of the structure of forest stands and biocology of trees near the upper range of their vertical distribution (in the subalpine belt), p.427.

Kandelaki, G.V. - Characteristics of sporocysticity in remote hybrids, p.435.

Bochorishvili, A.Sh. - Pathomorphological characteristics of tumors of the Highmore's antrum and the ethmoidal labyrinth, p.443.

Kushashvili, L.A. - Study of structural and some histochemical changes in the adrenal cortex of elderly, old and very old people, p.451.

Bakhtadze, G.G. - Arterial hypotonia caused by conditioned response and drugs, p.459.

Kavkasidze, A.G. - Structural and histochemical changes in the central nervous system under the conditions of narcosis and hibernation of killed dogs by instant decapitation, p.467.

Vashakidze, V.I. - Some problems of the harmful effect of sevin on the sexual function in laboratory animals, p.471.

Dolidze, N.G. - Peripheral blood picture following gastrectomy and some causes of its change, p.475.

Kaklashvili, D.S. - Roentgenological picture of the form and size of the heart at advanced age, p.481.

Rovita, T.L. - Phase analysis of the heart symbol in children with rheumatism as related to the degree of the disturbance of blood circulation, p.487.

Dunda, N.G., Ljubarskaja, K.V. - Electroencephalographic control of the depth of anesthesia in the orthopedic surgery of children, p.493.

Mamatsashvili, M.G. - An original manuscript of the "Varamiani," p.499.

Gzlishvili, I.A. - Ancient iron metallurgy in Mindault, p.507.

AKADEMIYA NAUK KAZAKHSKOI SSR, Alma-Ata, *Izvestiya. Seriya obshchestvennykh nauk* [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin, Series in the Social Sciences], Alma-Ata, vol.3, no.3, May-June 1965.

Table of contents translated:

Zimanov, S.Z., Atishev, A. - Chokan Valikhanov's ideological and political awakening, p.3.

Margulan, A.Kh. - Chokan Valikhanov's recently discovered friend (Kh. Faizkhanov) and his letters from St. Petersburg, p.12.

Akhmetov, Z. - Ch. Ch. Valikhanov as literary critic, p.25.

Khasanov, K., Kaldarov, A. - Chokan Valikhanov as a researcher on the Uigurs, p.34.

Aldarov, G. - Chokan and ancient inscriptions (monuments), p.47.

Iudin, V.P. - Tribal system of the Moguls in Mogulistan and Mogolia and their ethnic relation to the Kazakhs and other neighboring people, p.52.

Mershebtov, M.S. - Genesis of the settled sites; based on materials of the ancient site AK-Tobe 1, p.66.

Erzakovich, L. - The ancient site of Aspara during the post-Mongolian period; the Chu Valley, p.81.

- Dzhunusov, N. - Special phonetic features of the language spoken by Kazakhs in the Taktakypyskiy, Molnakskiy and Kharuzekskiy Districts of the Kazakh A.S.S.R. p. 92.
- Mingulov, N.N. - A commemorative session dedicated to Ch. Ch. Valikhanov. p. 104.

Vol. 5, no. 4, July-Aug. 1965

- Table of contents translated:
- Zhangeldin, T. Zh. - Historical meaning and sources of the U.S.S.R. victory in the Great Patriotic War. p. 3.
- Belsembayev, S., Kozymbayev, M. - Organizational activity of the Communist Party of Kazakhstan for the war. p. 14.
- Pokrovskiy, S.N. - The state and further tasks of the study of the participation of the workers of Kazakhstan in the Great Patriotic War. p. 23.
- Dafeshin, A., Balakaev, T. - Labor exploits of the workers, collective farmers and intellectuals of Kazakhstan during the war years. p. 30.
- Vechkulov, D.S., and others - Reminiscences. p. 35.
- Belan, P.S., Bukatkin, P.R. - Raids by the German Fascist air force on the districts of Western Kazakhstan, 1942-1943. p. 56.
- Edygenov, N. - Contribution of the republic's scientists to the mobilization of the resources of Kazakhstan for the defeat of Fascist Germany. p. 64.
- Medoev, A.G. - Origin of the ancient paleolith of Sary-Arka. p. 77.
- A model list of the themes of dissertations on some economic problems, based on materials from Kazakhstan. p. 82.
- Edige Aldarbekovich Masanov; an obituary. p. 85.

AKADEMIA NAUK KAZAKHISTANSKOY SSR, Alma-Ata. Vestnik [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Journal], Alma-Ata, vol. 22, no. 6(245), Aug. 1965.

- Table of contents translated:
- Takibaev, Zh.S. - Spark spectrometer for high-energy particles. p. 3.
- Margulan, A. - The epos "Manas" as recorded by Ch. Ch. Valikhanov. p. 10.
- Buketov, E.A. - Standard isotopic potentials of selenite formation. p. 30.
- Satpaeva, M.K. - Electron microscopic study of the rhenium mineral from the Dzhezkazgan deposit. p. 36.
- Sokol'skaya, A.M., Riabinina, S.A. - Hydrogenation of benzalacetone. p. 45.
- Kozlak, E.A. - X-ray spectroscopic microanalysis of the rhenium mineral from Dzhezkazgan ores. p. 52.
- Reznakov, A.B., Basina, I.P., Kurmangaliyev, M.R. - Combustion of a mixture of Ekibastuz coal with other coal types in a cyclone combustion chamber with liquid chiller removal. p. 58.
- Radchenko, G.A. - Effective systems for the ventilation of stoping sections in chamber and pillar workings. p. 63.
- Poltakova, T.P. - Roentgenographic study of the rhenium mineral in the ores of Dzhezkazgan. p. 69.
- Khodzhanov, A.S. - Stability of control systems with tachometer feedback. p. 74.
- Marikovsky, P.I. - Petroglyphs in the "labyrinths" of southeastern Kazakhstan. p. 77.
- Nikol'skii, G.M., Obashov, S.O. - Extraelectric observations of coronal lines in the infrared region of the spectrum. p. 81.

Vol. 21 [i.e. vol. 22], no. 9(246), Sep. 1965.

- Table of contents translated:
- A.P. Polosukhin; an obituary. p. 11.
- Balehev, S. - A grave loss. p. 11.
- The funeral of Aleksandr Porfir'evich Polosukhin. p. 11.
- Mukhammedgaliev, F.M. - Problems of modern genetics. p. 3.
- Presniakov, A.A. - The diffusion mechanism of plasticity. p. 10.
- Abramov, E. - The salting-in and salting-out phenomena in ideal systems. p. 16.
- Baimuratov, U.B. - Determining the effectiveness of reorganization and enlargement of enterprises. p. 27.
- Bukhman, S.V., Nurkenov, E. - The physicochemical mechanism of carbon combustion. p. 35.
- Ergaliev, A.E. - The collision effect of a moving mass. p. 42.
- Azbel', K.A., Borukaeva, M.R. - Permian stratigraphy of the southwestern slopes of the Dzungarian Alatau. p. 46.
- Istypov, Zh.A. - Method of determining the mean velocity from the time values at four points of intersecting hodographs of refracted waves. p. 51.
- Kashkarov, V.P. - Laminar nonisothermal liquid-drop jet of variable viscosity. p. 61.
- Kulikashev, N.T., Fomichev, V.I. - Role of dislocations with a break in continuity in the formation of Iceland spar deposits in the Sayan syncline. p. 68.
- Akhmatullina, N.B., Zhumatov, Kh. Zh. - One method of studying the initial stage of the formation of the influenza virus in the cell. p. 74.

- Balpakov, K. - The glazed pottery of Semi ech'ye. p. 77.
- Beaspaev, Kh.A., Shnneider, M.S. - Supergene pyrite in ores of the Tishinka deposit. p. 81.
- Lakshina, L.N., Shavernev, V.N. - Scientific economic conference. p. 84.
- Work of the Ch. Ch. Valikhanov Institute of History, Archaeology and Ethnography. p. 88.
- New scientific institutions. p. 88.
- Rudina, M.P. - Academy of Sciences of the Kazakh S.S.R. and ionospheric research during the International Years of the Quiet Sun. p. 88.

AKADEMIA NAUK SSSR. Vestnik [ACADEMY OF SCIENCES OF THE U.S.S.R. Journal], Moscow, vol. 36, no. 9, 1965.

- Table of contents translated:
- Fedoseev, P.N. - Dialectics of modern social development. p. 3.
- Koldyash, M.V. - Important stage in lunar studies. p. 22.
- Petrovich, G.V. - Creation of a new powerful space exploration system with the rocket-propelled scientific station "Prizon". p. 24.
- Dalashov, L.S., Garmonov, I.V. - State of and trends in the development of theoretical problems in hydrogeology. p. 32.
- Kudelin, B.I. - Groundwater flow in the territory of the U.S.S.R. and the problem of water resources. p. 40.
- Kenzarlin, N.A. - Some problems in the hydrogeology of arid zones of the U.S.S.R. p. 47.
- Kobinskii, A.E., and others. - Self-adjusting preset machine-tool control system. p. 52.
- Bergelson, L.D. - Recent developments in the chemistry of lipids. p. 57.
- Sorokhin, I.U. - Study of primary production in bodies of water. p. 62.
- Felsan, H., Kutuzov, S.A. - Astrophysical observatory in Estonia. p. 68.
- Izakov, M.N. - Session of COSPAR in Argentina. p. 71.
- Prilekii, N.N., Dubrokhov, H.S. - Observations of Soviet geophysicists in Mali. p. 76.
- Bereznev, D.I. - Research in the field of hydrostatic extrusion of metals, meetings with British specialists. p. 79.
- Koridzhin, L.A. - Study of seismic conditions in the Skopje region. p. 82.
- Zhongolovich, I.D. - Conference on problems in the utilization of the observation results of artificial earth satellites held in Cracow. p. 86.
- Tatarski, V.I. - Colloquium on the microstructure of the atmosphere held in Moscow. p. 87.
- Aksenov, V.I. - Conference on the theory of electrodynamics held in Poland. p. 88.
- Nemets, O.F. - Annual meeting of the Physical Society of the German Democratic Republic. p. 89.
- Hatman, N.S. - Conference on the use of mathematical statistics held in Czechoslovakia. p. 90.
- Gorunova, N.I., Suchev, V.V., Sirola, A.M. - Compilation of international reference tables on the thermodynamic properties of gases of technical importance. p. 90.
- Berezkin, V.G., Vitt, S.V. - Symposium on gas chromatography held in Berlin. p. 92.
- Kazarmovskii, M.V., Sadikov, I.P., Popov, I.U. - Symposium on explorations by the use of pulsed neutrons held in the Federal Republic of Germany. p. 93.
- Kalinin, A.I. - International colloquium on radioactivation analysis held in the German Democratic Republic. no. 94.
- Komar, I.V. - Scientific session on problems in the development of economic regions as exemplified by Cracow Province. p. 96.
- Arkhipov, F.T. - Congress of philosophers devoted to the topic "Marxist-Leninist philosophy and technological revolution." p. 98.
- Dunaevskii, V.A., Noupokov, V.I. - V.I. Lenin and the historical science, all-Union scientific session in Kiev. p. 97.
- Twenty-fifth anniversary of the restoration of Soviet rule in the Baltic republics; anniversary meeting of scientists in Riga, Vilnius, and Tallinn. p. 101.
- Al'pert, I.A.L., Skuridin, G.A. - Recent results of studies in cosmic physics; all-Union conference p. 103.
- Dubrovskii, A.A. - Theoretical problems in the field of agricultural machinery; conference in Moscow. p. 105.
- Pis'men, L.M., Ovsinnikov, A.A. - Problems of macrokinetics and plasma chemistry; meeting of the Department of General and Technical Chemistry. p. 108.
- Teren'tev, P.V. - Current problems facing Soviet zoologists; session of the Scientific Council in Leningrad. p. 110.
- Polinkova, N.M. - First congress of the Ukrainian Biochemical Society. p. 113.
- Dromel, I.U.V. - Study of the transition from feudalism to capitalism in Russia; scientific session in Moscow. p. 114.

- Kullabko, L.S. - N. K. Krupskaya and I. P. Pavlov on the dissemination of science; unpublished documents. p. 117.
- From Albert Einstein's correspondence. p. 120.
- Honoring Academician V. M. Khovostov. p. 122.
- Academician I. E. Tamm's 70th birthday. p. 123.
- Awarding scientists. p. 123.
- Awarding the L. A. Orlov Prize. p. 124.
- Development of studies in phytohelminthology. p. 124.
- New academic institutes. p. 125.
- Organizational decisions of the Presidium of the Academy of Sciences of the U.S.S.R. p. 128.

AKADEMIA NAUK SSSR. Dagestanskii filial, Makhachkala. Institut istorii, iazyka i literatury. Uchenye zapiski [ACADEMY OF SCIENCES OF THE U.S.S.R. Daghestan Branch. Institute of History, Language, and Literature. Studies], Makhachkala, vol. 12, 1964.

- Table of contents translated:
- Magomedov, M. - From the work experience of the Daghestan party organization in overcoming the survivals of Islam in the workers' consciousness in present-day conditions. p. 5.
- Osmanov, G. - Class stratification of the Daghestan village before the establishment of collective farms. p. 23.
- Gadzhiev, A. - Revolutionary activities of the soldiers in Daghestan during the period of the First Russian Revolution. p. 64.
- Kainazov, G. - From the history of popular education in Daghestan in the 19th century. p. 80.
- Aliev, D. - Historical information on the Dargwa and the formation of the union of Upper Dargwa communities. p. 100.
- Agashirnova, S. - Marriage rites of the Lezghians in the 19th and early 20th centuries. p. 133.
- Islamovmagomedov, A. - Avaiic settlements in the 19th and 20th centuries. p. 155.
- Kotovich, V.M. - A contribution to the history of the Daghestan population and dwellings in the early stages of the Copper-Bronze Age. p. 177.

AKADEMIA NAUK SSSR. Karelskii filial, Petrozavodsk. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Karelian Branch. Transactions], Petrozavodsk, no. 30, 1964. Voprosy gidrologii ozernovedeniya i vodnogo khozyaystva Karelii [Problems of the hydrology, limnology, and water management of Karelia], no. 4.

- Table of contents translated:
- Gilgorov, S.V. - Experience in the evaluation of the complex of the utilization of inland water of the Karelian A.S.S.R. p. 3.
- Litinskii, K.D. - Water levels of the lakes of the watershed of the Shui water system. p. 18.
- Grigor'ev, S.V. - Variability in the abundance of lakes in the drainage areas of the rivers of Karelia. p. 40.
- Grigorevskaya, G.L. - Abundance of bogs and lakes of southern Karelia based on the example of the watersheds of the Shui and Shui Rivers. p. 60.
- Kharkevich, M.S. - Flow of solutes in the rivers of the northern and northeastern shores of Lake Ladoga. p. 73.
- Fieindling, V.A. - Temperature regime of Lake Synnozero. p. 90.

AKADEMIA NAUK SSSR. Sibirskoe otdelenie, Severo-Kavkazskoe otdelenie, Kavkazskoe otdelenie, Tsentralno-Kavkazskoe otdelenie.

- Table of contents translated:
- Pecharskii, D.M. - Magnetic properties of granitoids in the northeastern part of the U.S.S.R. p. 6.
- Zimnikova, T.P. - Density and magnetization of igneous rocks of some regions of northeastern part of the U.S.S.R. p. 150.
- Mitov, A.P., Pecharskii, D.M., Ivanov, V.S. - Geological characteristics and magnetic properties of the Velikenskii granitoid massif. p. 170.
- Sopranskaya, I.M., Pecharskii, D.M. - Conditions governing the formation of various types of ignimbrites. p. 181.

AKADEMIA NAUK TURKMENSKOY SSR, Ashkhabad. Izvestia, Seriya obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R., Bulletin. Series in the Social Sciences], Ashkhabad, no. 4, 1965.

- Table of contents translated:
- Karreyev, A.K. - Lenin's ideas are being applied in practice. p. 3.
- O. Orasov. - Archaeological and stratigraphic studies of the ruins of Bityk near the Novyy Farab railroad station. p. 12.
- Sosonkin, I.L. - Makhmudkull about the comic in reality and in art. p. 23.
- Avanesov, G.A. - Motion to determine the conditional release of sentenced persons and the participation of the Soviet public in these proceedings. p. 32.

- Mamedzhaniyev, Ch. M. - The effect of the utilization of the basic funds of the petroleum industry on the production cost of petroleum and gas in the Turkmen S.S.R. p. 40.
- Bakhtmetova, G. Sh. - The 1959 census and the population of Turkmenia. p. 51.
- Sidel'nikova, L. M. - Tushan Esenova's mastery in dramaturgy. p. 62.
- Dovletova, O. - Re-creation of the national character of a work in a literary translation. p. 69.
- Balramdurayev, B. - Vocabulary of the akhal' dialect. p. 75.
- Meretlinazov, A. - Characteristics of the foothill zone of Kopetdag from the point of view of economic geography. p. 82.
- Bulatov, M. S. - Proportionality of the Tekesh Mausoleum. p. 85.
- Atdayev, N. - Studies devoted to Ata Kopek's works. p. 89.
- Arazkulov, S. - The word "oren" in the Turkmen. p. 91.
- Azimov, P. - An outstanding representative of Turkmen linguistics; on the 60th anniversary of K. Sopyev's birth. p. 93.
- Mashan Khamzaev, an obituary. p. 97.
- AKADEMIYA NAVUK BSSR, Minsk, Vestsi, Seriya hramaskikh navuk [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R., Bulletin, Series in the Social Sciences], Minsk, no. 2, 1965.
- Table of contents translated:
- Lukashov, K. I. - Triumph of Lenin's great ideas. p. 5.
- Garbanov, TS. S. - Combat cooperation of the Slavs during the years of the Second World War. p. 14.
- Margunski, S. P., Kuchynski, U. A. - V. I. Lenin on political liberties and the equality of citizens in the socialist society. p. 20.
- Shastakovich, A. V. - Work as the main criterion of moral valuation. p. 29.
- Haiko, I. K. - Necessity and potentialities of the workers' aesthetic education during the period of the struggle for communist labor. p. 37.
- Mikhailava, I. A. - Effectiveness of the use of plastic materials in the machinery manufacturing plants of the White Russian S.S.R. p. 46.
- Anropau, B. P. - The system of retail trade prices for high-quality glassware and methods for improving it. p. 54.
- Iurchyk, B. V. - Formation and utilization of means for the development of production on collective farms. p. 63.
- Lych, L. M. - Quantitative and qualitative changes among railroad employees during five years of the seven-year plan, 1959-1963. p. 71.
- Isenaka, V. F. - Some results of the investigation of neolithic sites in the Sozh River Basin. p. 80.
- Hutlamedau, U. V. - Dialectic of the subjective and objective in lyric poetry. p. 89.
- Maiselchik, A. A. - Origin of the national elements in the White Russian anonymous literature. p. 97.
- Vaitovich, N. T. - The peculiar harmony of vowels in the northeastern White Russian dialects. p. 104.
- Naglin, I. A. D., Ivanchanka, V. A. - The most important spectral phonetical and grammatical features of the dialect in the Starosel'ye Village of the Bol'shaya Aleksandrovka District in Kherson Province. p. 113.
- Shadurski, I. V. - From the history of the agricultural terminology in White Russian. p. 123.
- No. 3, 1965.
- Table of contents translated:
- Malina, S. N., Adzintsov, V. M. - The role of the White Russian Basin in the development of the potassium industry of the U.S.S.R. p. 5.
- Mukhina, V. A. - Some material and moral factors in the raising of labor productivity in the textile industry of the White Russian S.S.R. p. 14.
- Antanovich, I. I. - Crisis in the spiritual values of American Imperialism. p. 23.
- Tarasenka, A. A. - Augmentation of the role of the moral factor in the regulation of social behavior. p. 31.
- Nikolaischik, N. I. - Objective investigation as one of the conditions for ensuring legality in preliminary inquiry. p. 39.
- Zaharuf'skaya, V. A. - Growth of the real wages and the improvement of the living and housing conditions of the working class of the White Russian S.S.R., 1953-1958. p. 47.
- Varabel, M. S. - Basic trends and forms of the cultural cooperation of White Russia with the European Communist countries. p. 55.
- Cherkas, V. M. - Important task of the cultural revolution. p. 64.
- Firsava, E. I. - Liquidation of the illiteracy of the population of White Russia in the reconstruction period, 1921-1925. p. 72.
- Tserashchatava, V. V. - White Russian Soviet book illustration before the Great Patriotic War. p. 81.
- Chamariyski, V. A. - Early White Russian chronicles, 12th and 13th centuries. p. 90.
- Brutso, A. P. - The complex sentence with a subordinate consecutive clause in White Russian. p. 99.
- Zhylnovich, H. D. - Some cases of divergence in the government of the White Russian indirect transitive verbs and their Russian equivalents. p. 108.
- Malchanava, L. A. - Special characteristics of the contemporary peasant costume in White Russia. p. 118.
- Patenka, K. L. - Vitalii Andreevich Serbenta, on his 70th birthday. p. 127.
- Tarasenka, V. P. - New data on the archaeology of White Russia, based on materials of the research carried out in 1961. p. 137.
- CHEL'YABINSK, GOSUDARSTVENNYI PEDAGOGICHESKIY INSTITUT. Izvestiya [STATE PEDAGOGICAL INSTITUTE, Transactions], Vol. 2, 1964.
- Table of contents translated:
- Barkev, G. I. - Comparison of the boundedness of two orthogonal normalized polynomial systems. p. 5.
- Vorontsova, N. S. - Internal normalization of degenerate hypersurfaces of rank r with a $(n-1)$ -dimensional vertex in $(n+1)$ -dimensional projective space. p. 13.
- Barikov, I. A. - Presentation of a set of all non-negative real numbers based on the set of all non-negative integers. p. 17.
- Kochetkova, E. S. - Axioms of order. p. 43.
- Galkin, E. V. - Presentation of the theory of limits in secondary schools. p. 48.
- Galkin, E. V. - Problems in certain divisions of algebra. p. 55.
- Skinderov, N. P. - Empirical formula for finding the number of pairs of twins contained in the interval 1 to x . p. 62.
- Guz', G. A. - An algorithm of the power of apprehension in the solution of arithmetical problems by the tabular method. p. 66.
- Guz', G. A. - Graph-scheme of the algorithm for solving arithmetical problems by the tabular method. p. 79.
- Samigulina, Z. P. - Presentation of the fundamental theorems of the theory of probability in school. p. 86.
- Samigulina, Z. P. - Theory of combinations. p. 99.
- Koren'kova, V. M. - Introducing the concept of Boolean functions to the programmer school. p. 109.
- Isachenkov, A. I. - Calculation methods for finding the approximate values of the real roots of algebraic equations. p. 120.
- Deigachev, S. I. - Power series. p. 132.
- Shulepov, S. V., Smirnova, E. A., Plechev, V. N. - Effect of the temperature of treatment on the modulus of elasticity of carbonaceous materials. p. 145.
- Smirnova, E. A., Shulepov, S. V. - Thermal expansion of coke-pitch materials under different heat treatment in the low and high temperature ranges. p. 153.
- Shulepov, S. V. - Thermoelectric properties of carbonaceous substances. p. 159.
- Aleksandrova, L. V., and others - Spectral reflection power of dyeing pigments on the basis of nickel titanate. p. 165.
- Kruglov, F. V. - Study on the coefficients of strengthening and relaxation of lithium and sodium at various temperatures and deformation rates. p. 174.
- Kleshech, G. V., Shumilov, D. V. - Small-angle light scattering by oriented particles. p. 180.
- Kleshech, G. V., Sheinkman, A. I. - Dependence of the reflection coefficient of powders on the particle size. p. 185.
- Kleshech, G. V., Shumilov, D. V. - Anomalous scattering of X rays by tiny crystals of the precipitating β -phase at the late stages of breakdown of a supersaturated solid solution of zinc in aluminum (AlZn). p. 191.
- Val'dman, M. M., Sheremet'ev, G. D. - Luminescence spectra of frozen solutions of fluoranthene. p. 195.
- Zakharov, I. F. - Approximation of functions from $C^{(1)}[a, b]$ by broken functions. p. 201.
- KAZAN, UNIVERSITET, Uchenye zapiski [UNIVERSITY, Studies], Vol. 124, no. 5, 1964, Voprosy romanizma v russkoy literature [Problems of romanization in Russian literature], no. 2.
- Table of contents translated:
- Nazaretskaya, K. A. - Prose and poetry in the Moscow periodicals of the 1760's; on the formation of sentimentalism. p. 3.
- Vishnevskaya, G. A. - From the history of Russian romanticism; N. M. Karamzin's literary and theoretical opinions, 1787-1792. p. 26.
- Kolesnikova, E. A. - M. Gor'ki's romantic tale "The girl and death." p. 107.
- Achiksova, L. S. - Early prose of K. Paustovskiy, 1912-1932. p. 118.
- Andreeva, I. I. - On the aesthetic views of A. P. Dovzhenko. p. 177.
- Vol. 124, no. 6, 1961 Funktsional'nyi analiz i teoriya funktsii [Functional analysis and the theory of functions], no. 2.
- Table of contents translated:
- Agakhanov, S. A. - Approximation of continuous functions of two variables by partial sums of Fourier-Hermite series. p. 3.
- Agakhanov, S. A., Natanson, G. I. - Approximation of a certain class of continuous functions by partial sums of Fourier-Hermite series. p. 20.
- Belobrov, P. K. - Some geometrical remarks related to the Chebyshev set center. p. 31.
- Binayev, I. U. A. - A theorem on local best approximations. p. 43.
- Gendzholian, G. R. - Feasibility of the process of lateral alternating approximations for one bounded value problem. p. 50.
- Gibhanov, I. U. I. - Abstract coordinate spaces. p. 66.
- Gibhanov, I. U. I. - Perfect spaces of functions. p. 70.
- Danilov, R. A. - Functions of commutative operations in finite-dimensional space. p. 85.
- Dintsen, B. L. - Deviation of continuous functions from the mean arithmetical partial sums of the Fourier series in certain Jacobi polynomials. p. 98.
- Dintsen, B. L. - Approximation of continuous functions by Fejer interpolated polynomials. p. 106.
- Zabreiko, P. P. - Perfect continuity of U_0 bounded linear operators in Z^p spaces. p. 110.
- Zabreiko, P. P., Pusylinik, E. I. - Interpolation properties of the absolute continuity of a linear operator. p. 114.
- Zalgaller, S. I. - Convergence of certain summation operators. p. 119.
- Zakharov, I. F. - Approximation of functions by broken functions. p. 135.
- Kaniev, S. - Local deviations of functions bilinear in a circle from their boundary value. p. 141.
- Kaniev, S. - Deviation in the mean of functions bilinear in a circle from their boundary value. p. 148.
- Kolesov, I. U. S., Krasnodel'skiy, M. A. - A class of systems of ordinary differential equations with stable nonnegative periodic solutions. p. 158.
- Kotlar, B. D. - Approximation of functions defined on unbounded perfect sets of the real axis. p. 177.
- Kotlar, B. D. - Remark on operators in a space of sequences. p. 181.
- Martynuk, A. E. - New criteria of convergence in the method of successive approximations. p. 184.
- Martian, N. F. - Some types of interference for integral functions of finite power. p. 169.
- Mubarikov, T. M. - Estimation of solutions to the differential equations of the second order with delayed argument. p. 209.
- Oglevskiy, I. I. - Inclusions between regular methods. p. 241.
- Ponomarenko, V. G., Timan, M. F. - Some generalizations of Zygmund's theorem. p. 266.
- Rabinovich, S. I. - Some remarks concerning a theorem proposed by Wiener. p. 271.
- Samarov, A. B. - Theorem on integral inequalities for a discontinuous Uryson operator. p. 270.
- Slugin, S. N., Shashkov, V. M. - Combination of some variational methods in a Hilbert modulus over a series of vector spaces. p. 284.
- Stuygin, V. V. - Method for deriving a priori estimates of periodic solutions to differential equations in a Banach space. p. 293.
- Timan, A. F. - An exact inequality for the continuity modulus of a class of quasi-smooth functions. p. 296.
- Timan, M. F. - Regular transformations of multiple sequences. p. 299.
- Tret'yakov, V. P. - Formal multiplication of double trigonometric series. p. 308.
- Trigub, R. M. - Constructive characteristics of certain classes of functions. p. 312.
- Trofimov, V. N. - A property of elliptic operators of the second order. p. 318.
- TSyganok, I. I. - Some properties of a certain class of convex functions. p. 321.
- Iakshmedov, I. A. - Generalized concept of a system of P. L. Chebyshev. p. 331.
- LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKA Y ZINATNU AKADEMIJA, Vestis, Izvestiya Akademii nauk Latvijas SSR [ACADEMY OF SCIENCES OF THE LATVIAN S.S.R. Bulletin], Riga, no. 6(216), 1965.
- LENINGRAD, GOSUDARSTVENNYI PEDAGOGICHESKIY INSTITUT IMENI A. I. GERTSENA, Uchenye zapiski [A. I. HERTZEN STATE PEDAGOGICAL INSTITUTE, Studies], Vol. 267, 1964, Problems of geography and geology.
- Table of contents translated:
- Kozlova, L. G. - Streamflow in the northern slope of the Pechenga Tundra in connection with some physiogeographical characteristics of the region. p. 3.
- Tupolitova, A. N. - Basic characteristics of the geomorphology of the Udmurt A.S.S.R. p. 16.
- Fimrov, D. P. - Brief geomorphological characteristics and the regionalization of the Yenisey Valley, in the boundaries of the Minusinsk intermontane trough and the Eastern Sayan Mountains. p. 33.

- Finaiov, D. P. - Regionalization of the Krasnoyarsk Reservoir Basin. p. 61.
- Chernikhova, E. I. A. - Basic characteristics of the geology and geomorphology of the upper Onega Basin. p. 75.
- Ljapina, A. A. - Plant resources of the Sukhona Valley. p. 109.
- Bolotnikov, A. F. - Age relationships of the granuloids of the Utkansky Massif (southeastern part of the Aldan Shield). p. 131.
- Bolotnikov, A. F. - Pre-Sinian and Early Sinian quartz porphyries of the Utkansky Massif (southeastern part of the Aldan Shield). p. 139.
- Vysokostrovskaya, E. B. - Form, size, and structural position of the intrusion of the Tuskul'skiy complex (Gornyy Altai). p. 155.
- Sviridenko, V. T. - History of the development of igneous activity in the central part of the Kodai-Udokan zone (northeastern Transbaikalia). p. 163.
- Sviridenko, V. T. - Age relations of intrusive complexes to the sedimentary-metamorphic formation in the Kodai-Udokan zone (northeastern Transbaikalia). p. 185.
- Rozhko, E. E. - Amber and amber-bearing sediments. p. 193.
- Pykina, A. K. - Pyrite-marcasite concretions from the Lower Carboniferous coal seam in the surrounding area of Borovichi. p. 205.
- Pykina, A. K. - Genetic classification of pyrite-marcasite concretions from the Lower Carboniferous coal seams in the surrounding area of Borovichi. p. 235.
- Baranov, I. U. M. - Manifestation of the weathering surface of the Arctic Ural Mountains. p. 251.
- Malakhova, V. V. - Intrusive rocks of the Volch'ya Tundra (Kola Peninsula). p. 269.
- LENINGRAD, UNIVERSITY. Vestnik [UNIVERSITY. Review].** Vol. 20, no. 14, 1965. Seriya istorii,azyka i literatury [Series in History, Language, and Literature], no. 3.
Table of contents translated.
- Kulmina, A. A. - Activity of party committees in the industrial enterprises of Leningrad, 1959-1963. p. 5.
- Urodkov, S. A. - The railroad workers of the Leningrad junction during the period of the blockade, 1941-1943. p. 16.
- Shevilakov, S. N. - Activity of the party in the prospecting and industrial exploitation of the Kursk Magnetic Anomaly. p. 28.
- Bukreeva, V. G. - Some problems concerning the education of young workers, from the work experience of the Leningrad party organizations. p. 41.
- Krisjanovs, L. E. - Historiographical review of the history of the Communist Party of Latvia from the 1890's to 1919. p. 51.
- Kurbatov, G. I. - The decay of slavery and the problems of the inner development of the Byzantine city in the 5th and 6th centuries. p. 62.
- Akhmedov, S. Kh. - Image of V. I. Lenin in E. Kazakevich's tale "Blue notebook." p. 73.
- Semenova, G. P. - Russian symbolism as appraised by G. V. Plekhanov. p. 83.
- Gasarov, Z. - Some problems in the translation of A. S. Pushkin's novel "Evgenii Onegin" into Turkish languages, by example of the novel as translated into Azerbaijani. p. 95.
- Tatishcheva, G. S. - Pushkin and Derzhavin. p. 108.
- Plekhanov, P. K. - Stylistic usage of participles and participial constructions in M. Sholokhov's "Virgin land upland." p. 117.
- Feller, M. D. - Semantic phenomena in lexicon connected with book printing, based on the Russian and German languages. p. 127.
- Miretskiy, A. L. - History of the forms of the genitive, dative, and locative cases in the singular of feminine declensions in the Novgorod dialect. p. 134.
- Kuz'min, M. S. - History of the activities of the "Society of Assistance to the U.S.S.R." in Australia. p. 143.
- Solov'yeva, N. S. - Some characteristics of Aziz Nesin's satire. p. 145.
- Korotkova, E. I. - From the unpublished works of A. A. Shakhmatov. p. 149.
- Tarasuk, L. I. - Meaning of the term "samopal." p. 152.
- Orlov, S. N. - Topography of nine birch bark inscriptions from Novgorod. p. 156.
- Sladkevich, N. G. - Aleksandr L'vovich Shaporo on his sixtieth birthday. p. 159.
- Kondaat'eva-Mel'nik, E. A. - Phenomenon of heterophyly in the development of the seedling of Norway maple (*Acer Platanoides* L.). p. 36.
- Ivanova-Kazas, O. M. - Asexual reproduction of the ascidian *Distaplia ungermis*. Report No. 1 Embryonic and larval budding. p. 44.
- Fienkel, M. A. - Fat and glycogen in the life cycle of the infusorian *Tilina magna* Gruber. p. 60.
- Ovchinnikova, N. P. - Ontogeny of defensive and nutritive reactions in birds. p. 67.
- Trifonova, L. F. - Content of microelements (copper, cobalt and magnesium) in some soils of Novgorod Province. p. 71.
- Orlova, M. I., Ryckikova, T. A. - Effectiveness of zinc fertilizers in turf-Podzolic soils of Leningrad Province. p. 73.
- Shaplo, I. A., Pantelev, A. N. - Organic acids in gourd and squash. p. 92.
- Varasova, N. N., Vasil'ova, V. E., Yimovich, V. V. - Photosynthetically active pigments in photobacterial algae and the effect of cultivation conditions on them. p. 97.
- Rachev, Racho Rusev. - Mechanism of the action of hormones on the process of oxidative phosphorylation in heart mitochondria. p. 105.
- Smolodin, N. F. - Latent period of the change in the transmembrane potential of the motoneurons under some interoceptive influences. p. 114.
- Blank, V. L. - Comparative characteristics of the effect of the section of the corpus callosum in rats on the differentiation of space stimuli of different modalities. p. 120.
- Fadeeva, T. S., Naibut, S. I. - Significance of the effect of heterosis in preserving the varietal characteristics in plants. p. 128.
- Rostova, N. S. - Structure of kok-saghyz populations. p. 138.
- Milina, M. B. - Effect of *Carex pilosa* Scop. on the distribution and abundance of ephemeral plants in an oak forest. p. 133.
- Pahegoritskiy, B. I. - Effect of fixatives on the size of histological elements. p. 150.
- Dmitrieva, N. A. - Structure of tentacles in *Nereis* *nummuleum* (Polychaeta). p. 159.
- Vol. 20, no. 16, 1965. Seriya fiziki i khimii [Series in Physics and Chemistry], no. 3.**
Table of contents translated:
- Fok, V. A., Tulub, A. V. - Use of the Laplace transform in solving problems in radiation theory. p. 7.
- Trifonov, E. D., Tamaichenko, V. I. - Inverse problem in luminescence theory. p. 21.
- Zhlich, A. G., Monzon, B. S. - Behavior of a hydrogen-like system in a high magnetic field. p. 28.
- Serbo, V. G., Frolov, G. V. - Regge behavior of the scattering amplitude in quantum electrodynamics with a heavy photon. p. 36.
- Koltsova, I. S., Mikhailov, I. G. - Ultrasonic wave scattering in suspensions. p. 41.
- Bogdanov, I. A., Vuks, M. F. - Use of the method of light scattering in solutions in determining the optical anisotropy and geometrical shape of molecules. p. 46.
- Trapeznikova, O. N. - Molecular rotation in polymers. Part 2. p. 58.
- Eliseenko, L. G., Shechemev, V. N., Rumash, M. A. - Use of the X-ray photoemission method in studying the passage of medium-energy electrons through material media. p. 69.
- Arkhangelskiy, L. K., Malenova, E. A., Kisel'gof, G. V. - Ion exchange equilibrium. Ion exchange on sulfonated cationites with various divinylbenzene content. p. 74.
- Arkhangelskiy, L. K., Materova, E. A., Kisel'gof, G. V. - Methods of calculating the activity coefficients of components in ion exchangers. p. 83.
- Stollarov, K. P., Amantova, I. A. - Spectrophotometric study of ascorbate complexes. Part 3: Study of the system molybdenum - ascorbic acid. p. 90.
- Stollarov, K. P., Vinogradova, N. I. - Solubility of oxides and carbonates of rare-earth elements, yttrium and scandium, in complex III solutions. p. 96.
- Tserkovnitskaya, I. A., Epimakhov, V. N. - High-frequency alkalimetric titration of polyphenol-germanium acids. p. 101.
- Vasil'ov, V. V., Grabarov, P. G., Turchaninova, T. P. - Possibility of an accelerated extraction of "mobile" phosphorus, according to V. P. Machigin by means of ultrasound. p. 107.
- Tikhomirov, V. I., Vasil'eva, N. I. - Iron oxidation rate during its heating of short duration in carbon dioxide. p. 113.
- Sorokhin, I. P., Stremilova, N. N., Orlova, G. M. - Dissolution of germanium in hydrochloric acid solutions of potassium dichromate. p. 119.
- Lukynskiy, N. L., Rybakova, G. A. - Magnetic susceptibility of solid solutions of nickel oxide in magnesium oxide. p. 123.
- Vasil'kova, I. V., and others. - X-ray study of the mutual solubility of solid phases in the ternary systems KCl - NaCl - CrCl₃ and KCl - NaCl - VCl₃. p. 126.
- Maikin, V. N., Lobnueva, O. A., Tolnachev, S. S. - Crystal chemistry of vanadium coordination compounds. Part 1: Synthesis and X-ray diffraction study of some coordination compounds of vanadium (IV). p. 133.
- Rudakov, V. S. - The variational principle for the energy of quasi-stationary states. p. 139.
- Belikov, I. I. - Electrolytic method for producing atomic hydrogen in a vacuum. p. 140.
- Malenko, I. I. - Selection of components in studying the cross sections of multidimensional simplexes. p. 141.
- Shchurakov, S. A., Vasil'kova, I. V., Barvinok, G. M. - Heats of formation of solid chloride complexes of manganese, iron, cobalt, copper, and zinc. p. 145.
- Mosli, M. El', Borisova, Z. U. - Stabilization of the conductivity of vitreous selenium. p. 147.
- M. S. Zhukhar'evskiy, obituary. p. 151.
- Vol. 20, no. 17, 1965. Seriya ekonomiki, filosofii i prava [Series in Economics, Philosophy, and Law], no. 3.**
Table of contents translated:
- Tiut'panov, S. I. - Marxian economics of developing countries. p. 5.
- Iakovleva, S. I. - The "humane relations" system and paternalism are two monopoly tactics in the labor movement. p. 18.
- Godunov, A. A. - Industrial relations and industrial management. p. 29.
- Pavlova, I. P. - On the system of indices and incentives for using capital assets in construction. p. 39.
- Votchev, M. F. - Absoluteness of opposition between matter and consciousness in gnoseology. p. 50.
- Rudkovskiy, G. I. - Aesthetic nature of work. p. 59.
- Galaktionov, A. A., Nikandrov, P. F. - K. S. Aksakov's historical and sociological views. p. 70.
- Rozent'ov, U. D. - Philosophical thought at the St. Petersburg University: the first professors of philosophy. p. 79.
- Suvorova, T. V. - Persuasion as the basic method used by the state in the management of society. p. 87.
- Bolotov, R. L. - Ideology and international cooperation of states with antagonistic social systems. p. 97.
- Malinin, S. A. - Juridical personality of international organizations. p. 105.
- Iurchenko, A. K. - Efficiency promotion measures and efficiency suggestions in capital construction. p. 118.
- Khomenok, F. A. - Political freedoms of Soviet citizens in the conditions of large-scale building of communism. p. 120.
- Kacholov, V. I. - One mechanistic distortion of the fundamental law of dialectics. p. 133.
- Flintov, D. P. - Recommendations of criminal cases for supplementary investigation. p. 137.
- Shimanovskiy, V. V. - Certain problems of further strengthening of the statutory position of an investigator in Soviet criminal procedure. p. 141.
- Sa'nikova, N. A. - Use of correlation methods in the analysis of production costs, as exemplified by river transportation. p. 146.
- El'kind, P. S., Leikina, N. S., Kuz'mina, T. P. - Organization and activities of the Supreme Court of the U.S.S.R. p. 149.
- Il'in, I. V. - Some results of the economic development of African countries. p. 152.
- Semen Iul'evich Vygodskiy, an obituary. p. 155.
- MOSCOW, MOSKOVSKIY GOSUDARSTVENNIY PEDAGOGICHESKIY INSTITUT. Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE. Studies].** No. 223, 1964. Some problems of philology and methods of teaching foreign languages.
Table of contents translated:
- Barsova, O. M. - Patterns, types, and forms of single-component infinitive sentences in modern English. p. 3.
- Medvedeva, T. V. - Developing the written language of pupils by teaching a number of subjects in a foreign language. p. 22.
- Medvedeva, T. V. - System of exercises for developing the written language of pupils by teaching a number of subjects in foreign languages. p. 43.
- Volodina, S. L. - Characteristics of the lexicon of English geographic literature; based on materials from school textbooks. p. 53.
- Dongidon, K. D. - Basic difficulties in the mastering of German pronunciation by Buryat pupils. p. 60.
- Khatina, I. I. - Some methods and means of teaching pronunciation in grade 9. p. 73.
- Shel'stenkina, V. A. - Selection of language material in French for homework in grades 5 and 6 of the eight-year school. p. 94.
- Voskresenskaya, K. V. - Mastering of the spoken language by adults. p. 127.
- Vol. 20, no. 18, 1965. Seriya biologii [Series in Biology], no. 3.**
Table of contents translated:
- Arshavskiy, I. A. - A. A. Ukhomskiy on his 90th birthday. p. 5.
- Dymina, G. D., Zan'kova, T. K. - Effect of litter burning on the conditions of environment of one of the meadow types of the Maritime Territory of the Far East. p. 15.
- Gutskevich, S. A. - Origin of the mycoflora of the Crimea. p. 25.

- Voskresenskaya, K.V. - Role of situations in teaching the spoken language to adults. p. 142.
- Kuznetsova, N.A. - Analysis of intonational material in textbooks on the English language for the first course of language institutes. p. 149.
- Khakham, E. Zh. - Presentation of the French *grasseysé* [3] p. 170.
- Dera, A.D. - Some problems in the teaching of reading in the first course of language institutes. p. 178.
- Evdiseva, V.P. - System of exercises to develop the ability and habits of students to use grammatical materials. p. 187.
- Salomatin, K.I. - Interaction of various types of communicative sentences in the context of a question and answer unit. p. 201.
- Vialutnev, M.N. - Models, sentences, and actions, or the act of selection in various stages of the thinking process. p. 216.
- Vishniakova, N.G. - Interrelation of terminology and lexicon of common usage in special scientific-technical literature. p. 222.
- Kuznetsova, N.A. - Teaching intonation. p. 237.
- Kolomenskaya, I.D. - Second stage of selecting fundamental syntactic models of the German language for teaching purposes. p. 243.

OBSHCHESTVENNYE NAUKI V UZBEKISTANE [SOCIAL SCIENCES IN UZBEKISTAN]. Issued by Akademiya nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, vol. 9, no. 9, 1965.

SAMARKAND. GOSUDARSTVENNYI UNIVERSITET. Trudy [STATE UNIVERSITY. Transactions]. No. 144, 1964.

- Table of contents translated:
- Khatipov, A.E.-A. - Theory of parallel lines in the medieval East. p. 5.
- Kuktes, I.S., Khaimova, P.L. - Studying the behavior of surfaces determined by the Pfaff equation near a point at infinity. p. 49.
- Lutipov, Kh.R., Sharipov, Sh.R. - Coexistence of singular points of the equation $\frac{dy}{dx} = \frac{b_1x + b_0y + Q_n(x,y)}{a_1x + a_0y + P_n(x,y)}$ on the entire surface. p. 63.
- Lutipov, Kh.R. - Types of singular points at infinity in three dimensional space. p. 77.
- Sharipov, Sh.R. - Distribution of singular points on the equator of a Poincaré sphere. p. 89.
- Shakhova, L.V. - Straight isoclines. p. 93.
- Abdullaev, Kh.A., Babadzhany, S.D. - Analytic continuation of preanalytic functions. p. 107.
- Abdullaev, Kh.A., Babadzhany, S.D. - Analytic continuation of a certain class of preanalytic functions. p. 113.
- Ibragimov, M.I. - Analytic theory of increasing continued fractions. p. 119.
- Ibragimov, M.I. - Metric theory of increasing continued fractions. p. 133.
- Tiutundzhi, A.G. - Dynamometric method of determining the elements of motion. p. 147.

***SOVETSKAYA ANTARKTICHESKAYA EKSPEDITSIA, 1955-1958. Informatsionnyiulleten' [SOVIET ANTARCTIC EXPEDITION, 1955-1958. Information Bulletin].** Leningrad, no. 51, 1965.

- Table of contents translated:
- Somov, M.M. - Seasonal work of the Ninth Soviet Antarctic Expedition. p. 5.
- Kapitsa, A.P. - Trip along the route Vostok-Pole of Inaccessibility-Molodetzhnaya in 1964. p. 13.
- Kapitsa, A.P. - Measurements of the thickness of the ice sheet during the trip along the route Vostok-Molodetzhnaya. p. 19.
- Kapitsa, A.P., Sorokhtin, O.G. - Relief of the ice sheet and subglacial floor of Queen Maud Land. p. 23.
- Zolotov, I.A., Kapitsa, A.P., Sorokhtin, O.G. - Thermal regime of the ice sheet of central Antarctica. p. 27.
- Bugayev, I.U.G. - Synchronous barometric levelling. p. 33.
- Shumskii, P.A., Bauer, A. - Study of recent changes in the central part of the ice sheet of East Antarctica in 1964. p. 37.
- Mat'isev, V.N., Konovalov, G.V. - Passage to the Antarctic ice plateau from Molodetzhnaya Station. p. 52.
- Klimov, L.V. - Geological research in the area of Prince Olav Coast in 1964. p. 55.
- Boinikov, V.N., Romanov, I.P. - Work of the marine team of the Ninth Soviet Antarctic Expedition aboard the diesel-electric ship "Ob". p. 84.
- Boinikov, V.N., Romanov, I.P. - Ice conditions of the voyage of the diesel-electric ship "Ob" during the ninth Antarctic cruise. p. 87.
- Vaigachov, A.Z. - Discovery of the bottom rise in the Angola deep-sea basin of the Atlantic Ocean. p. 72.
- By radio from the Antarctic. p. 77.
- Bibliography. p. 81.

TIFLIS. UNIVERSITET. Trudy [UNIVERSITY. Transactions]. Vol. 98, 1964. Series in the philological sciences.

- Table of contents translated:
- Vinogradov, V.V. - On the Russian language as an instrument of culture. p. 7.
- Antidze, D.G., Ramishvili, G.V. - Syntactic analysis of phrases for machine translation from Georgian. p. 19.
- Bludze, R.G. - On the relativity of the degrees of adjectives. p. 25.
- Zhidka, V.A. - Azyndetic complex sentences of uniform structure. p. 35.
- Kolosnikov, N.P. - Homonymy of word combinations in Russian. p. 43.
- Kokeladze, R.G. - Some grammatical-semantic categories of noun combinations in the genitive case having no preposition. p. 57.
- Koshut, S.S. - Anticapitalistic motifs in the work of I. Bunin. p. 101.
- Kremer, E.L. - Simple sentences in the language of Belinskii. p. 119.
- Kudiani, M.E. - On some changes in the lexical-semantic system of language. p. 127.
- Lebanidze, V.S. - Some characteristics of the article in Rumanian. p. 149.
- Mikadze, N.G. - Personal pronouns in modern Russian and Georgian. p. 157.
- Mrevlishvili, T.N. - On some phonetic characteristics of the language of K.F. Rylov. p. 167.
- Mukidzhantian, M.I. - Expression of causal relations in the "Book of Annals". p. 181.
- Nishlanidze, L.K. - Interrogative sentences in modern Russian and Georgian. p. 197.
- Tukhareli, D.A. - On the sources of literary works. p. 217.
- Khatlashvili, L.G. - Connectives in literary Russian of the 16th century. p. 225.
- Khidesheli, A.A. - Comparisons in F.M. Dostoevskii's novel "Crime and punishment". p. 235.
- Tserisvade, I.I. - Meanings of some Russian prepositions and their equivalents in Georgian. p. 245.
- Chedia, V.V. - Remarks on phraseologic variants in literary Russian of the 19th century. p. 263.
- Chikhalidze, M.P. - Interpretation of one phase in the "Lay of the host of Igor". p. 271.
- Chikhalidze, M.G. - Archaisms and forms in A.N. Tolstoy's novel "Peter the Great". p. 277.
- Ebanidze, N.E. - Stylistic functions of detached attributes. p. 291.
- Zhengit, T.S. - Use of nouns as secondary prepositions. p. 299.

TOMSK. UNIVERSITET. Trudy [UNIVERSITY. Transactions]. Vol. 173, 1964. Metodologicheskie i istoriograficheskie voprosy istoricheskoi nauki, sbornik statei [Methodological and historiographical problems in historical sciences, a collection of studies], no. 2.

- Table of contents translated:
- Mogil'nitskii, B.G. - Objectivity and party character in historical research. p. 3.
- Klimylev, P.N. - The problem of actuality in historical cognition. p. 35.
- Sharifzhanov, I.I. - Evaluation of the opinions of the representatives of contemporary Anglo-American historiography on social progress. p. 48.
- Kapliuk, V.Z. - Marxist historiography of the German Democratic Republic on the early bourgeois revolution in Germany; based on materials of the discussion in Wernigerode. p. 73.
- Garvilichev, V.A. - The Great French Revolution in the interpretation of the Small German school of historians (the 1850's - the 1860's). p. 94.
- Zinov, V.T. - The evolution of M.M. Kovalevskii's opinions on the rural community. p. 146.
- Sadikeldinov, G.K. - Criticism of de Coulanges' method of historical research. p. 174.
- Kaslanov, E.N. - Otto von Freising's conception of world history. p. 211.

b. POPULAR MAGAZINES

AMERIKA; Ilustirovannyi zhurnal [AMERICA ILLUSTRATED]. Published by the United States Information Agency. Washington, D.C., no. 107, 1965.

AZIA I AFRIKA SEGODNIA [ASIA AND AFRICA TODAY]. Issued by Institut narodov Azii i Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 9, no. 8, Aug. 1965.

- Table of contents translated:
- Valentel, D. - The way out of the "vicious circle." p. 2.
- Castro, Josue de. - Hunger and economic backwardness. p. 5.
- High birth rate? No, high mortality! p. 8.
- Brado, Fritz. - A glance at the year 2000. p. 11.
- Galkin, I. - The revolution continues. p. 14.
- Along the path of socialism. p. 16.
- Kuznetsov, L. - "Come again to West Iran!" p. 18.

- Iordanskii, V. - Five years of political tempering. p. 20.
- Angor, Leon. - Three days that transformed the country. p. 23.
- Volk, S. - Threat to Brazzaville. p. 24.
- Bodianskii, V. - "The Russian experiment" in the Nile Valley. p. 27.
- Tigunova, M. - "National unity" in Pakistan. p. 30.
- Mokhta, Ashoka. - Economic revolution. p. 32.
- Babedzha, D. - A trip to the Garo Hills. p. 34.
- Kassiss, V. - The Mikimoto pearl empire. p. 38.
- Ashraf, A. - The pygmies of the Andaman Islands. p. 50.
- Events... people... facts... p. 56.

Vol. 9, no. 9, Sep. 1965.

- Table of contents translated:
- Solodovnikov, V. - History witnesses. p. 2.
- Katsnel'son, I. - A man of an unusual fate. p. 4.
- Notes of the first Russian explorers and travelers. pp. 8, 12.
- Golant, V. - A Russian physician in the Sahara. p. 10.
- Drizdo, A. - "The flower of Africa." p. 13.
- Khanta, L. - Africans in Russia. p. 14.
- Kolesnichenko, G. - There where the Zambezi flows. p. 18.
- Surikov, L. - A black year for SEATO. p. 20.
- Seigeev, P. - The empire of Aga-Khan IV. pp. 22, 27.
- Reglin, A. - Struggle in the National Congress. p. 24.
- Ikonnikova, A., Nikitina, G. - Visiting the women of Israel. p. 27.
- Bulatov, B. - A picture of Cairo. p. 29.
- Iakovlev, M. - There where people are born pilots. p. 32.
- Ospov, S. - The language of the drum. p. 38.
- Matveev, K. - One of the oldest people of the world. p. 40.
- Kasalkin, D. - In the Iranian village. p. 43.

BARVINOK [PERIWINKLE]. Issued by Tsentral'nyi komitet Leninskoi koho komunistychnoi soluzu molodi Ukrainy and Respublikanska rada Vsesoluznoi pioners'koi organizatsii imeni V.I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, no. 9, Sep. 1965.

DADZIS [THISTLE]. Riga, no. 17(200), 1965. [In Latvian]

DRUZHNO VPERED [FORWARD TOGETHER]. Issued by Kul'turna spilka ukrain's'kykh trudashchikh Chekoslavachchyn [Cultural Association of the Ukrainian Workers of Czechoslovakia]. Presov, vo. 15, no. 9(200), 1965. [In Ukrainian]

JAUNIMO GRETOS [THE RANKS OF YOUTH]. Issued by Lietuvos Lenino komjaunimo sąjungos Centro komitetas [Central Committee of the Lenin Communist Youth League of Lithuania]. Vilnius, no. 10(251), Oct. 1965. [In Lithuanian]

KAPKAN; chuvashskii satiricheskii zhurnal [TRAP, Chuvash Satirical Magazine]. Cheboksary, nos. 17 (482)-19(484), Sep.-Oct. 1965. [In Chuvash]

KHOPUSHTAK [HEDGEHOG]. Dushanbe, no. 9(148), Sep. 1965. [In Tajik]

KITAI [CHINA]. Published by Izdatel'stvo literaturny na inostrannykhazykakh [Publishing House for Literature in Foreign Languages]. Peking, no. 9, 1965.

KOREIA [KOREA]. Pyongyang, no. 9(110), 1965.

KOSTER [CAMPFIRE]. Issued by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluzu molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] and others. Leningrad, no. 10, Oct. 1965.

KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda." Moscow, vol. 44, nos. 26(1784)-28(1786), Sep.-Oct. 1965.

KRYLATI [THE WINGED ONES]. Issued by Tsentral'na upravu SUM [Central Committee of the Ukrainian Youth Association]. New York, vol. 3, no. 5, May 1965.

KUBA [CUBA]. Havana and Moscow, nos. 5/9-9/13, May-Sep. 1965.

- KUL'TURA I ZHIZN'** [CULTURE AND LIFE]. Issued by Soluz sovet'skikh obshchestv druzhby i kul'turnoi svyazi s zarubezhnyimi stranami [Union of Soviet Societies for Friendship and Cultural Relations with Foreign Countries]. Moscow, vol. 9, no. 10, 1965.
- LIESMA [FLAME]**. Issued by Latvijas LKSJ Centrālā komiteja [Central Committee of the Lenin Communist Youth League of Latvia]. Riga, nos. 9(90)-10(91), Sep.-Oct. 1965. [In Latvian]
- MEDENIET ZHENE TURMYS [CULTURE AND LIFE]**. Issued by Ministerstvo kul'tury Kazakhskoi SSR [Ministry of Culture of the Kazakh S.S.R.]. Alma-Ata, no. 8(86), Aug. 1965. [In Kazakh]
- MURZILKA**. Issued by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluzia molodezhi i Tsentral'nyi sovet Vsesoluznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V. I. Lenin All-Union Pioneer Organization]. Moscow, no. 9, Sep. 1965.
- MY I SVIT. WE AND THE WORLD**. Toronto, vol. 16, no. 120, Jan. 1965.
- NOVAIA KOREIA [NEW KOREA]**. Published by Izdatel'stvo literatury iu knozhnykh tazykakh [Foreign-Language Publishing House]. Pyongyang, nos. 8 (209)-9(210), 1965.
- OGONEK [THE LITTLE LIGHT]**. Moscow, vol. 43, nos. 39(1990)-41(1992), 43(2000), Sep.-Oct. 1965.
- OTCHIZNA**, prilozhenie k zhurnalu "Golos Rodiny" [THE FATHERLAND, Supplement to the Periodical "The Voice of Our Country"]. Issued by Sovetskii komitet po kul'turnym svyaziam s sotschestvennikami za rubezhom [Soviet Committee for Cultural Relations with Our Countrymen Abroad]. Berlin, no. 10(24), Oct. 1965.
- PERETS [PEPPER]**. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina." Kiev, vol. 25, no. 17 (556), Sep. 1965.
- PILT JA SONA [PICTURE AND WORD]**. Tallinn, vol. 20, no. 10(233), Oct. 1965. [In Estonian]
- PIONER [PIONEER]**. Issued by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluzia molodezhi i Tsentral'nyi sovet Vsesoluznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 42, no. 9, Sep. 1965.
- PIONER [PIONEER]**. Issued by the Central Committee of the Turkmenistan Communist Youth League of Lenin Ashkhabad, no. 9, Sep. 1965. [In Turkmen]
- RABOCHIE-KREST'IAANSKI KORRESPONDENT [WORKERS AND PEASANTS' CORRESPONDENT]**. Published by Izd-vo [Publishing House] "Priada." Moscow, no. 10, Oct. 1965.
- RANOK [MORNING]**. Issued by TsK LKSM Ukrainy [Central Committee of the Lenin Communist Youth League of the Ukraine]. Kiev, nos. 7(147), 9(149), July, Sep. 1965.
- ROVESNIK [CONTEMPORARY]**. Issued by TsK VLKSM and Komitet molodezhnykh organizatsii SSSR [Central Committee of the All-Union Communist Youth League of Lenin and the Committee of Youth Organizations of the U.S.S.R.]. Moscow, vol. 4, no. 8(38), 1965.
- SEL'SKAYA MOLODEZH' [RURAL YOUTH]**. Issued by TsK LKSM [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 33, no. 9, Sep. 1965.
- SHMEL' [BUMBLEBEE]**. Alma-Ata, vol. 10, nos. 8(115)-9(116), Aug.-Sep. 1965.
- SKYNTEIA LENINISTE [LENINIST SPARK]**. Issued by Moldavian Communist Youth League of Lenin, Kishinev, vol. 35, no. 9, Sep. 1965. [In Moldavian]
- SLUOTA [THE BROOM]**. Issued by Lietuvos Komunistu partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 17(264), Sep. 1965. [In Lithuanian]
- SOTSIALISTYCHNA KUL'TURA [SOCIALIST CULTURE]**. Organ of Ministerstvo kul'tury URSR [Ministry of Culture of the Ukrainian S.S.R.]. Kiev, no. 9, Sep. 1965.
- SOVREMENNAYA MONGOLIA [CONTEMPORARY MONGOLIA]**. Ulan Bator, vol. 10, nos. 7(90)-8(91), July-Aug. 1965.
- SOVETSKII SOIUZ [SOVIET UNION]**. Moscow, no. 10 (186), 1965.
- SVOBODNOE SLOVO**, ezheмесячный karpato-russkii zhurnal [FREE WORD; Carpatho-Russian Monthly]. Newark, vol. 7, no. 7/8(79-80), 1965.
- SVYTURYS [THE LIGHTHOUSE]**. Vilnius, vol. 17, nos. 15(399)-16(402), Aug.-Sep. 1965. [In Lithuanian]
- TAHEKE [THE LITTLE STAR]**. Issued by ELKNU Kesk-komitee and ENSV Pioneerorganisatsioon Nougogu [Central Committee of the Lenin Communist Youth League of Estonia and the Council of the Pioneers of the Estonian S.S.R.]. Tallinn, nos. 7-8, 1965. [In Estonian]
- UKRAINA [THE UKRAINE]**. Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, vol. 25, nos. 34(450)-36(454), 41 (457), Aug.-Oct. 1965.
- URAL'SKII SLEDOPYT [URAL PATHFINDER]**. Issued by Sverdlovskoe otdelenie Soluzia pisatelei i Sverdlovskie promyshlennyy i sel'skii obkomy VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Industrial and Agricultural Committees of the All-Union Communist Youth League of Lenin]. Sverdlovsk, vol. 8, no. 8, Aug. 1965.
- UZBEKISTON [UZBEKISTAN]**. Tashkent, vol. 24, no. 9(205), Sep. 1965.
- VESELKA. THE RAINBOW**. Published by Ukrainian National Association Jersey City, vol. 12, no. 10 (134), Oct. 1965.
- VOPROSY I OTVETY [QUESTIONS AND ANSWERS]**. Moscow, no. 10(164), 1965.
- VOZHATYI [PIONEER GUIDE]**. Published by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluzia molodezhi i Tsentral'nyi sovet Vsesoluznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 41, no. 9, Sep. 1965.
- VOZYHK [HEDGEHOG]**. Minsk, vol. 25, nos. 16(614)-17(615), Aug.-Sep. 1965.
- VSESVIT. THE WORLD**. Issued by Spilka pys'mennykh Ukrainy i Ukrain's'ke tovarystvo druzhby i kul'turno-zv'yazku z zarubezhnyimi krajinami [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol. 8, no. 10(88), Oct. 1965.
- VYZVOL'NYI SHLIKH [LIBERATION PATH]**. London, vol. 12(18), no. 10(211), Oct. 1965.
- ZHIZN' GLUKHIKH [LIFE OF THE DEAF]**. Issued by Vserossiiskoe obshchestvo glukhih [All-Russian Society of the Deaf]. Moscow, vol. 16, no. 10, Oct. 1965.
- ZHIZN' SLIPIKH [LIFE OF THE BLIND]**. Organ of Vserossiiskoe obshchestvo stepykh [All-Russian Society of the Blind]. Moscow, vol. 42, no. 9, Sep. 1965.
- ZVAIGZNE [THE STAR]**. Riga, vol. 16, nos. 18(364)-19(365), Sep.-Oct. 1965. [In Latvian]
- INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHE-SKIKH SPIKOV I KARTOTEK, SOSTAVLennykh BIBLIOTEKAMI SOVETSKOGO SOIUZA [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]**. Issued by Gosudarstvennaya biblioteka SSSR [State Library of the U.S.S.R.]. Moscow, vol. 9, nos. 17-18, Sep. 1965.
- JAUNAS GRAMATAS [NEW BOOKS]**. Riga, no. 8(80), Aug. 1965. [In Latvian]
- KNIZHNAIA LETOPIS' [BOOK CHRONICLE]**. Issued by Vsesoluznaya knizhnaya palata [All-Union Book Chamber]. Moscow, nos. 39-43, 1965.
— — — Dopolnitel'nyi vypusk [Supplementary Issue]. No. 8, 1965.
- LATVIJAS PSR PRESES HRONIKA LETOPIS' PECHATI LATVISKOJI SSR [CHRONICLE OF PUBLICATIONS OF THE LATVIAN S.S.R.]**. Issued by Latvijas PSR gramatu palata [Book Chamber of the Latvian S.S.R.]. Riga, nos. 6-7, 1965.
- LETOPI'S' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]**. Issued by Vsesoluznaya knizhnaya palata [All-Union Book Chamber]. Moscow, no. 9, 1965.
- LETOPI'S' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]**. Published by Vsesoluznaya knizhnaya palata [All-Union Book Chamber]. Moscow, nos. 39-41, 1965. Voprosogatel'nye ukazatel' k nos. 14-20 za 1965 g. [Indexes to nos. 14-20 for 1965]
- NOVAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE ZA RUBEZHOM [NEW LITERATURE ON SCIENCE AND RESEARCH ABROAD]**. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1965.
- NOVAIA LITERATURA PO CHEKHOSLOVAKII [NEW LITERATURE ON CZECHOSLOVAKIA]**. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 7, 1965.
- NOVAIA LITERATURA PO YUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]**. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 6, 1965.
- NOVAIA LITERATURA PO VENGRII [NEW LITERATURE ON HUNGARY]**. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 6, 1965.
- NOVAIA SOVETSKAYA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U.S.S.R.]**. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, 1965.
- NOVYE KNIGI; ezhenedel'nyi informatsionno-bibliograficheskii zhurnal [NEW BOOKS; Bibliographical Information Weekly]**. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po pechatii [State Committee of the Council of Ministers of the U.S.S.R. for Printing]. Moscow, vol. 10, nos. 40-41, Oct. 1965.
- NOVYE KNIGI SSSR [NEW BOOKS OF THE U.S.S.R.]**. Issued by Vsesoluznoe ob'edinenie "Mezhdunarodnaya kniga" [All-Union Association "International Book"]. Moscow, nos. 18, 39, Apr., Sep. 1965.
- SVODNYI BULLETEN' NOVIKH INOSTRANNYKH KNIG, POSTUPIVSHIHX V BIBLIOTEKI SSSR, Seriya B. Obshchestvennye nauki [UNION LIST OF NEW FOREIGN BOOKS RECEIVED BY THE LIBRARIES OF THE U.S.S.R. Series B Social Sciences]**. Moscow, no. 3(81), 1965.

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

AKADEMIJA NAUK SSSR. Sektor seti spetsial'nykh bibliotek. Bibliotечно-библиографическая информация [ACADEMY OF SCIENCES OF THE U.S.S.R. Sector of Special Libraries, Library and Bibliographical Information]. Moscow, no. 54, 1965.

b. LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKAR' [THE LIBRARIAN]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, vol. 43, no. 9, Sep. 1965.
Table of contents translated:
TSvetkov, I. - The conference has ended and the work continues. p. 1.

- Chernykh, V. - Support of party organizations. p. 5
 Gudkov, N. - Work in a new way under new conditions. p. 9.
 Tupikina, K. - With universal functions. p. 15.
 Riazanova, E. - Useful work. p. 17.
 Rozhnova, V. - We adjust the information. p. 18.
 Sviridova, I. - Communism and work are inseparable. p. 20.
 Shilovskii, M. - Using all forms. p. 24.
 Shul'ga, V. - Let us help the propagandists. p. 26.
 Kuzichov, V. - You will always find support here. p. 27.
 Kileeva, A. - Knowledge of economics for collective farmers. p. 29.
 Dudarev, A. - Not forgetting the main point. p. 31.
 Liakhova, S. - Let us develop competition. p. 33.
 Petrovskii, V., Pervoushina, L. - It is impossible to reconcile oneself with this. p. 34.
 Pastukhova, L. - Together with the school. p. 37.
 Viltaiya, E. - Everything for education. p. 39.
 Troitskii, D. - Chemistry is a "bewitching country". p. 40.
 Kuznetsova, Z. - All-round development for future engineers. p. 43.
 Novikova, O. - May they combine their efforts. p. 44.
 Nad', L. - What are we debating? p. 46.
 Maltugin, V. - At the birthplace of a poet. p. 48.
 Stogonov, I. - Benevolent tutors. p. 51.
 Kuznetsov, E. - Improve your skills. p. 52.
 Nikiforova, N. - Equal to the best. p. 54.
 Artem'ev, N., Fokoev, V. - Laboratory of advanced work practices. p. 56.

BIBLIOTEKOVEDENIE I BIBLIOGRAFIJA, ukazatel'
LITERATURY [LIBRARY SCIENCE AND BIBLIOGRAPHY, an Index to the Literature] Oct.-Dec. 1964. Issued by Nauchno-metodicheskii otdel bibliotekovedeniia i bibliografi Gosudarstvennoi biblioteki SSSR imeni V. I. Lenina [Scientific Methodological Division of Library Science and Bibliography of the V. I. Lenin State Library]. Moscow, no. 4, 1965.

KAUNAS LIETUVOS TSR VALSTYBINE RESPUBLIKINE BIBLIOTEKA. Biblioteku darbas [STATE REPUBLIC LIBRARY OF THE LITHUANIAN S S R Library Work]. Nos. 4-5, Apr.-May 1965. [In Lithuanian].

c PRINTING & THE BOOK TRADE

RASPROSTRANENIE PECHATI [DISTRIBUTION OF PUBLICATIONS]. Issued by Glavnoe upravlenie Sotzpechatii Ministerstva svyazi SSSR [Main Administration for the Distribution of Printed Matter of the Ministry of Communications of the U. S. S. R.]. Moscow, no. 9, 1965.

3. PHILOSOPHY & RELIGION

a PHILOSOPHY

- UCHENYE ZAPISKI KAFEDRY OBSHCHESTVENNYKH NAUK VUZOV G. LENINGRADA; Filosofiia [STUDIES BY THE DEPARTMENTS OF SOCIAL SCIENCES OF LENINGRAD INSTITUTIONS OF HIGHER EDUCATION, Philosophy]. Leningrad, no. 6, 1965.**
 Table of contents translated:
 Melkin, I. S. - Harmony as one form of the unity of opposites. p. 3.
 Zobov, R. A. - Concept of the whole and certain problems of the theory of structures. p. 16.
 Aseev, V. A. - Philosophical meaning of variational principles in physics. p. 32.
 Vorob'ev, M. F. - The categories of matter and consciousness in Marxist dialectical logic. p. 50.
 Il'in, V. V. - Certain philosophical problems in cybernetics, the problem of the "black box." p. 67.
 Serzhantov, V. F. - Causality in biology and medicine. p. 82.
 Leonovich, V. V. - Man-made environment as a social factor in the biological development of man. p. 99.
 Karasavskaya, T. V. - Factors influencing the physical development of man. p. 111.
 Kovalev, V. I., Meleshchenko, I. U. S. - The laws of technology and technological progress. p. 125.
 Shelomova, L. I. - Influence of a diversified work assignment on the worker in production; experience from concrete sociological research. p. 142.
 Sorokina, V. N. - Some results of sociological research on the acceptance and appreciation of motion-picture art by the spectator. p. 148.
 Sherdakova, V. N. - Specific criteria in value judgments. p. 155.
 Batin, V. N. - Category of happiness in Kant's ethics. p. 169.
 Petriskii, V. A. - Development of the principle "reverence for life" in the philosophical and ethical doctrine of A. Schweitzer. p. 183.

- Parygin, B. D. - Certain distinguishing characteristics in the formation of communist social psychology. p. 191.
 Iukanov, D. M. - Problem of values and the philosophy of "critical realism" of G. Santayana. p. 204.
 Klasei, M. A. - A Whitehead's philosophical theology. p. 217.

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 19, no. 9, 1965.

- Table of contents translated:
 Butenko, A. P. - The two global systems and the trends of their development. p. 3.
 Elez, I., Davydova, G. A. - Materialist dialectics as the theory of revolutionary practices. p. 14.
 Arnoldov, A. I. - Certain characteristics of the cultural progress of the world socialist system. p. 25.
 Mokousov, N. N. - Moral evaluation of acts (conduct). p. 37.
 Bibler, V. S. - Concept as a process. p. 47.
 Vetrov, A. A. - The subject matter of semiotics. p. 57.
 Zhdanov, V. M. - Viruses and genetics. p. 78.
 Barashnikov, V. S. - Current philosophical problems of the physics of elementary particles. p. 84.
 Kozlova, M. S. - Logic and reality. p. 95.
 Ifta and resurrection of Ludwig Feiberg. p. 106.
 Kontukhov, V. D. - Conscious character of economic development under socialism. p. 113.
 Bykhovskii, A. I. - Living organisms and the anti-entropic effect of information. p. 118.
 Trinech, K. S. - Is it possible to artificially create living matter. p. 124.
 Chikanakov, V. I. - V. I. Nevskii's struggle for Marxism. p. 132.
 Semenov, V. S. - Erasing social class distinctions and the transition to a classless society. p. 141.
 Bakhtina, I. F. - Researchers should turn their attention to the problem of values. p. 152.
 Stepaniants, M. T. - 12th session of the Pakistani philosophical congress. p. 158.
 Real objectives of the research on the philosophical problems of the physicomathematical sciences (physics, astronomy, chemistry). p. 160.
 Berchelevnykh, E. V. - Problems of scientific communism in the works of Soviet philosophers and sociologists. p. 162.
 Gikov, L. I. - Historical materialism and the individual sciences. p. 169.
 Anatol'ev, A. A. - First book on semiotics. p. 171.
 Kuznetsov, V. N. - A monograph on the philosophy of the French Renaissance. p. 175.
 Markova, L. A. - The problem of revolution in the history of science. p. 178.
 To the attention of comrades engaged in party education. p. 183.
 Our authors. p. 180.

b RELIGION

DUKHOVNOE PROBUZHDENIE [SPIRITUAL AWAKENING]. Helsinki, vol. 44, no. 10, 1965

LIUDYNA I SVIT [MAN AND THE WORLD]. Issued by Tovarystvo "Znannya" Ukrainy kol RSR ["Znannya" Society of the Ukrainian S. S. R.]. Kiev, vol. 8, no. 10 (61), Oct. 1965.

NAUKA I RELIGIJA [SCIENCE AND RELIGION]. Issued by Vsesoyuznoe obshchestvo "Znanie" ["Knowledge" All-Union Society]. Moscow, vol. 7, no. 10, Oct. 1965.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO VOPROSAM ATEIZMA I RELIGII [NEW SOVIET AND FOREIGN LITERATURE ON THE PROBLEMS OF ATHEISM AND RELIGION]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 7, 1965.

SVITLO. THE LIGHT. Issued by O. O. Vasyliany [The Russian Fathers]. Toronto, vol. 28, no. 2(506), Feb. 1965.

4. HISTORY

a. GENERAL

KALENDAR' ZNAMENATEL'NYKH I PAMIAT'NYKH DAT [CALENDAR OF SIGNIFICANT AND MEMORABLE DATES]. Issued by Izdatel'stvo "Sovetskaya Rossiia" and Gosudarstvennaya publikatsionnaya istoricheskaya biblioteka RSFSR ["Soviet Russia"] Publishing House and the State Public Historical Library of the R. S. F. S. R.]. Moscow, vol. 10, no. 10, 1965.

LITOPYS VOLNYI VOLHYNIAN CHRONICLE. Issued by Instytut doslidiv Volyni u Vinnipeg [Research Institute of Volyn in Winnipeg]. Winnipeg, vol. 5, no. 5, 1961.

MOSCOW, UNIVERSITET. Vestnik, Seriya 9 Istoriia [UNIVERSITY. Review. Series 9 History]. Vol. 20, no. 4, July-Aug. 1965.

Table of contents translated:

- Vasurina, K. I. - Strengthening the ties between party propaganda and life, from the experience of the Moscow and Leningrad organizations in party work, 1959-1963. p. 3.
 Shapovalov, V. V. - An upsurge in the strike struggle in France during the summer and fall of 1955. p. 19.
 Andreev, A. V. - Development of a new labor discipline and the increase in labor productivity during the period of respite from March to July 1918. p. 35.
 Nekrasov, I. G. - Leninist principles of the Soviet collective labor policy. p. 51.
 Koval'chenko, I. D. - The peasants of a large quit rent patrimonial estate in the first half of the 19th century, the Molodotudskoye estate of the Shevmelevs in Tver Province. p. 66.
 List of dissertations for the academic degree of candidate in historical sciences defended in the Moscow University in 1964. p. 87.
 Evgenii Dmitrievich Chaiemskii, on his 60th birthday and 35th anniversary of his scientific and pedagogical activity. p. 89.

Vol. 20, no. 5, Sep-Oct 1965

Table of contents translated:

- Voskresenskii, I. U. V. - The Communist Party's struggle for transition to the socialist industrialization of the country. p. 3.
 Kukushkin, I. U. S. - Soviets in the struggle against the counterrevolutionary activity of the kulaks during the transition to the NEP. p. 23.
 Al-Tajiri Hashim Sateh - Great Britain and the Arabs on the eve of the First World War. p. 35.
 Bragina, L. M. - Ethical views of Cristoforo Landino, the Italian humanist of the second half of the 15th century, based on his treatise "Disputes in Camaldoli." p. 48.
 Kuzishchik, V. I. - Non-economic pressures and the formation of the administrative of the landed estates in Italy, 2d century B. C. - 1st century A. D. p. 66.
 Panukhin, N. B. - The history of Petr Alekseev's speech. p. 82.
 Lashchuk, L. P. - Historical and ethnographical investigation in the Far North of Siberia. p. 90.

NOVAIA I NOVEISHAIA ISTORIA [MODERN AND RECENT HISTORY]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 5, 1965.

Table of contents translated:

- Zhukov, E. M. - Lenin and the notion of an "epoch" in world history. p. 3.
 Koval', B. I. - The Great October and the working class of Brazil. p. 10.
 Slepov, L. A., Temkin, I. A. G. - The International Conference of Socialists in Zimmerwald. p. 22.
 Orlik, O. V. - Russian-French revolutionary contacts in the early 1830's. p. 38.
 Zakharov, M. V. - In the name of freedom and brotherhood. p. 48.
 Roimistrov, P. A. - Unforgettable pages of military glory. p. 60.
 Ioffe, A. E. - The U. S. S. R. and Latin America. p. 79.
 Franco, Jose, L. - Repercussion of the First Russian Revolution in Cuba. p. 80.
 Stegar, S. A. - Franco-Italian relations on the eve of the Second World War. p. 94.
 Cherniak, E. B. - Who was hiding behind the Iron mask? p. 104.
 Mader, J. - The mystery of Nazi millions. p. 118.
 Two letters by J. Ph. Backer on the revolutionary movement in Italy in 1860. p. 131.
 Potlakov, V. G. - New British and American works about the United Nations. p. 140.
 Iaz'kov, E. F. - A review of general works of Soviet authors on the current history of the U. S. (1960-1964 publications). p. 151.
 Frolik, N. M. - Lenin and historical science. p. 188.
 Borisov, A. - The 20th anniversary of the liberation of Germany from Fascism. p. 189.
 Barakov, K. N. - Twenty years of people's Hungary. p. 190.
 Diko, N. S. - Latin American seminar for Soviet students. p. 191.
 Defense of doctor's dissertations. p. 192.
 Al'tman, V. V. - In memory of Academician V. P. Volgin. p. 193.
 Al'tman, V. V. - The people of the United States and Latin America protest against the intervention in the Dominican Republic. p. 193.

NOVAIA SOVETSKAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFI (NEW SOVIET LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY). Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, 1965.

PREPODAVANIE ISTORII V SHKOLE [TEACHING HISTORY IN SCHOOLS]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 20, no. 5, Sep.-Oct. 1965.

SOVETSKOE SLAVIANOVEDENIE [SOVIET SLAVIC STUDIES]. Issued by Institut slavianovedeniia Akademii nauk SSSR [Institute of Slavic Studies of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1965.

Table of contents translated

- Toporin, B.N. - Basic trends in the development of the Czechoslovak National Assembly after the adoption of the 1960 Constitution. p. 3.
Fieldron, V.I. - Bourgeois national radicals and friends of the Paris Commune in Croatia. p. 14.
Sherlatimova, S.A. - The disputes concerning the concept of revolutionary art in the Czech literature of the 1920's. p. 26.
Bernstein, S.B. - Some problems in the theory of sound interchange. p. 45.
Vuletic, Vitomir. - Chernyshevskii about the Serbian folk poetry. p. 53.
Gorina, L.V. - Authenticity of the Virginian diploma. p. 60.
Gudkov, V.P. - In the Department of Slavic philology of Moscow University. p. 101.
Malov, V.N. - Slavic studies in the Section of Medieval History of the Institute of History at the Academy of Sciences of the U.S.S.R. p. 103.
M.K. - Session of the Academic Council dedicated to the 20th anniversary of the liberation of Czechoslovakia. p. 104.
Glushina, R.P., and others. - Defense of dissertations. p. 105.
Sladek, Zdenek. - The Institute of History of the European Socialist Countries attached to the Czechoslovak Academy of Sciences. p. 109.
Gusev, E.V., Putilov, B.N. - Congresses of Yugoslav Folklorists. p. 110.

VOENNO-ISTORICHESKII ZHURNAL [MILITARY HISTORY JOURNAL]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 7, no. 7, July 1965.

Table of contents translated

- Grylov, A. - Some problems in the methodology of military historical research. p. 3.
Moskalenko, K. - The Carpatho-Dukla operation. p. 10.
Achkanov, V. - The navy during the Great Patriotic War. p. 24.
Karnichin, P. - Communication in the front offensive operations of the Great Patriotic War. p. 35.
Gapelin, N. - Some thoughts on problems of control and communication. p. 46.
Klipp, P. - Flag officer of the Northern Fleet. p. 56.
Breakdown of the fascist Berlin-Rome "axis". p. 64.
Lomov, N. - Selected works of M.N. Tukhachevskii. p. 69.
TSvetlov, E. - New work on the First World War. p. 76.
Nikiforov, V. - True to military duty. p. 81.
Molek, A. - Work on German Imperialism and militarism. p. 83.
Kumanov, V. - Scientific conference dedicated to the 20th anniversary of the victory over fascist Germany. p. 88.
Gavrilov, I.A. - Conference of military historians on the "Methodology of Military Historical Research". p. 97.
Istomin, V. - Discussion of the book "Jassy-Kishinev Campaign". p. 104.
Ogarov, P. - A talk on memoir literature. p. 107.
Sakhnevich, L. - In the steps of compatriot heroes. p. 109.
Fokeev, K. - Assembly of naval school teachers. p. 113.
Mestovenko, V. - Development of Soviet tanks. p. 114.
Operation of unused possibilities. p. 117.
Arnot'kov, A. - Army Commissar 2d Rank G.S. Okunev. p. 125.
Selivanov, P. - Corps commander S.E. Gribov. p. 128.

Vol. 7, no. 8, Aug. 1965.

Table of contents translated.

- Vasilevskii, A. - Some problems in the control of armed combat in the summer of 1942. p. 3.
Platonov, V., Bulatov, A. - Border troops assume the offensive. p. 11.
Kvinitskii, A., Murav'ev, V. - A giant and "midgots". p. 17.

- Gilensen, V. - The cavalry captain Sosnowski affair. p. 26.
Polikarpov, V. - Division Commander Sablin. p. 31.
Sologub, V. - Heroes of the landing on Shumshu. p. 40.
Shakhov, N. - On military automobile roads. p. 45.
D'ianov, A. - In the battles in southern Sakhalin. p. 58.
Campaign of the Soviet Armed Forces in the Far East in 1945. p. 61.
Zhigalov, I. - Aggression policy and the progressive forces of Great Britain, 1955-1964. p. 93.
Badanin, B. - Engineer support of an offensive in the mountains. p. 100.
Mekvabishvili, V. - From the history of the Red Army of Georgia. p. 111.
Dmitriev, P., Nenatkov, A. - Defense of doctor's dissertations. p. 115.
Kiselyv, A. - An air guard of the North Sea region. p. 125.

Vol. 7, no. 9, Sep. 1965.

Table of contents translated

- Altukhov, P. - Military historical experience and the development of military affairs. p. 3.
Volkov, N. - Antilanding coast defense according to the experience of the Second World War. p. 11.
Samsonov, A. - Objectivity on tendency? p. 21.
Agibalov, I. - A great life. p. 33.
Shtemenko, S. - Before the attack in White Russia. p. 44.
Kuznetsov, N. - The navy on the eve of the Great Patriotic War. p. 59.
Kochetkov, A. - The Russian Military Historical Society, 1907-1914. p. 84.
Zhukov, V.I. - "Operation Bernhard" the American way. p. 109.
Chekurov, M. - Secret of the loss of Admiral Spree's squadron. p. 102.
Klimova, S. - The Bryansk arsenal. p. 109.
Fol'dman, O., Cherenykh, V. - What the readers talk about. p. 110.
News, facts, findings. p. 121.
Ladukhin, V. - V.M. Azin. p. 124.
Shinkarev, I. - Capitulation of Imperialist Japan. p. 128.

5. SOCIAL SCIENCES

a. COMMERCE

BIULLETEN' INOSTRANNOI KOMMERCHESKOI INFORMATSII, prilozhenie [BULLETIN OF FOREIGN COMMERCIAL INFORMATION, Supplement] Issues by Nauchno-issledovatel'skii kon'unktturnyi institut [Scientific Research Institute of Economic Trends] Moscow, no. 12, Sep. 1965.
Contents: Lushnikov, I.E. [British airplane-building monopolies on the foreign markets] Avia-stroitel'nye monopolii Anglii na vneshnikh ryynakakh. 27 p.

No. 13, Sep. 1965

Contents: Zakhmalov, M.I., Kur'orov, V.G. ["Aid" to the developing countries as a means of U.S. foreign-trade expansion] "Pomoshch' razvivaniu shchitima stranam - orudie vneshnetorgovoi ekspansii SShA. 50 p.

No. 14, Sep. 1965

Table of contents translated.
Kilnov, V.G. - Capitalist countries' foreign trade in phosphorites. p. 1.
Krestov, B.D. - Expansion of the industrial base of the "Rhône-Poulenc" French chemical trust. p. 15.
Irigunov, A.A. - Foreign trade of the United Arab Republic with the "Common Market" countries. p. 21.
Bokleshev, D.V. - Characteristics of the organization and carrying out of the advertisement of goods in individual countries. p. 38.

No. 15, Sep. 1965.

Contents: [Statistical data on the export by certain countries of machinery industry products and chemical goods] Statisticheskie dannye ob eksporte nekotorykh stranami produktov mashinostroyeniia i khimicheskikh tovarov. 43 p.

BUKIGALTERSKII UCHET [ACCOUNTING]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 22, no. 8, Aug. 1965.

Table of contents translated.

- Dedkov, E. - Problems of the centralization of accounting for institutions financed from the budget. p. 3.
Zhutova, Z. - Centralization of accounting in public institutions. p. 9.
Bashanov, I. - The index norms accounting method in the machinery industry. p. 14.
Shul'nev, V. - Accounting for the cost of capital repairs. p. 21.

- Spivakov, N. - Improve the accounting and analysis of the cost of auxiliary work in mine construction. p. 24.
Mikhailov, N. - Organization of centralized accounting in the baking industry. p. 28.
Shatalov, V. - First step of a centralized accounting office. p. 34.
Krasil'shchikov, D. - Machine accounting in a centralized accounting office. p. 39.
Medved', F. - Payments for centralized transportation. p. 45.
Shufel'uk, B. - Incident. p. 48.
Reader's comments and suggestions. p. 51.
Zarudnyi, N. - On centralized accounting offices. p. 57.
In the Collegium of the Ministry of Finance of the U.S.S.R. p. 70.
In the Ministry of Finance of the U.S.S.R. p. 71.
In the Methodological Council. p. 72.
Seminar of the auditors of the Leningrad Economic Council. p. 75.
International Exhibition of "Info-65" p. 75.

SOVETSKAIA POTREBITEL'SKAIA KOOPERATSIYA [SOVIET CONSUMER COOPERATION]. Issued by Tsentral'nyi soluz potrebittel'skikh obshchestv SSSR [Central Union of Consumers Societies of the U.S.S.R.]. Moscow, vol. 9, no. 9, Sep. 1965.

Table of contents translated:

- Kotov, S. - For a radical improvement of commerce. p. 2.
Buchatskii, A. - We are training personnel for mass occupations. p. 9.
Maitovitskii, N. - Important form of specialist training. p. 10.
Tret'yakov, K. - Lending workers improve their qualifications. p. 12.
Dobrodil, T. - Organizers of public food service. p. 14.
Onishchuk, M. - "Blue lights" grow brighter. p. 18.
Ten, N. - Dead combine with independent business accounting. p. 20.
Chelyurev, V. - Harmonious work of a cooperative society. p. 22.
Munashko, V. - Accelerated inspections. p. 24.
Sadomskina, E. - New kneader. p. 25.
Simochkina, E. - For the grading of cucumbers by size. p. 25.
Ozinov, V. - Councils on industrial hygiene. p. 26.
Safarov, T. - Let's accelerate the introduction of progressive methods. p. 28.
Vital tasks of cooperative society workers. p. 29.
Khaliyev, Sh. - Standards can be improved. p. 31.
Shevlov, G. - When the evening comes to a stanitsa. p. 31.
Pleshev, A. - Let's put the quality of goods under unremitting control. p. 33.
Sinet'skii, A. - Cooperative merchandise should have secure storage. p. 36.
Volchenko, N. - Efficient measure for the safety of cooperative property. p. 38.
Dainovskii, A. - Standards should be differentiated. p. 41.
Petrov, S. - Unused possibilities. p. 42.
Toistykh, M. - Sale of clothes. p. 43.
Grifone, Lino. - Italian cooperative societies in their struggle against monopolies. p. 53.
Vasil'eva, L. - Congress of Italian cooperative society workers. p. 58.
Ground-type land transportation devices. p. 59.
Volodikhin, V. - Procedure of merchandise revaluation in connection with changes in retail prices. p. 62.

SOVETSKAIA TORGOVIA [SOVIET COMMERCE]. Issued by Gosudarstvennyi komitet Sovetskikh Ministerov SSSR po torgovle [State Committee of the Council of Ministers of the U.S.S.R. for Commerce]. Moscow, vol. 38, no. 6, June 1965.

Table of contents translated.

- Editorial: Improve trade and the public dining system in the country. p. 1.
Stuev, A. - Give more authority and increase responsibility. p. 5.
Khrokhin, I. - Experiment in planning. p. 10.
Sikhovskii, G. - Summer commerce. p. 15.
Bekel'man, M. - Requirements for vegetable and fruit quality should be stricter. p. 17.
Gentkin, L. - Plan the assortment structure of the turnover. p. 20.
Pligov, P. - State purchasing prices for vegetables. p. 22.
Kononov, N. - Improve the standards of planning for the turnover of goods. p. 25.
Shtol'nikov, V. - Communist Youth League should concern itself with trade. p. 30.
Zhuskevich, P. - Our practice in the study of demand. p. 34.
Vasil'ev, V. - Deeds and concerns. p. 35.
Kuzin, V. - We are studying customers' demand. p. 36.
Kolesnikov, V., Barchuk, I. - Natural loss of fruit and vegetables in transportation on refrigerated motor trucks. p. 40.
Sulagin, K., Pleshev, A., Rumiantsev, I. - At the Leipzig Fair. p. 48.

- Obraztsova, A. - For the graduation ball. p. 52.
 Golberg, P. - The largest harbor cold storage warehouse. p. 54.
 Group arrangement of carbonated water vending machines. p. 56.
 Ginsburg, S. - New advertising equipment. p. 57.

Vol. 38, no. 9, Sep. 1965.

- Table of contents translated
 D'yakov, V. - Give unremitting attention to trade in city and village. p. 1
 Rytov, N. - Produce high-quality vegetables. p. 6
 Iokshin, R. - Use the balance sheet as the basis for planning the structure of trade turnover. p. 8.
 Fonarev, E. - Profit and incentive funds. p. 13.
 Sapozhkin, G. - Specialization and types of notions stores. p. 16.
 Smotrina, N., Kuznetsova, R. - The discussion about containers is not over. p. 20.
 Kuznetsov, N. - How we study demand. p. 23.
 Pishchakov, I., Sviridenko, G. - What hinders the commodity expert's work? p. 27
 Mosiachenko, V. - A new system for determining fiber thickness. p. 31.
 Sivov, A. - Improve trade in the Far North. p. 34.
 Shapiro, A. - Commodity experts' five-minute conferences. p. 35.
 Strigunina, V. - This is important. p. 36.
 Terent'ev, S. - Current problems. p. 38.
 Grigor'ev, S. - Alliance between trade and industry. p. 39.
 Lukin, V. - Use of electronic computers in commerce. p. 43.
 Ogurlov, V. - Meat losses in cold-storage warehouses could be reduced. p. 50.
 Glazyrin, A. - Storage of clothing on clothes racks. p. 52.
 Stepaniants, T. - Among Polish friends. p. 54.
 Discussion of a new procedure in establishing norms for the natural loss of goods. p. 55.

TORGOVIA ZA RUBEZHOM; organizatsiia, novye metody, tekhnika torgovli i massovogo pitaniia [TRADE ABROAD, Organization, New Methods, and Equipment of Trade and Public Food Service], Moscow, no. 9, Sep. 1965.

b. ECONOMICS

AKADEMIIA NAUK SSSR. Nauchnyi sovet po effektivnosti osnovnykh fondov kapital'nykh vlozhenii i novoi tekhniki. Sbornik nauchnoi informatsii [ACADEMY OF SCIENCES OF THE U.S.S.R. Scientific Council on the Effectiveness of Capital Investment Funds and New Technology, Scientific Information, Moscow, no. 7, 1965. Methods and practice in determining the efficiency of capital investments and new equipment.

- Table of contents translated
 Khachaturov, T. S. - Ways to increase the efficiency of capital investments. p. 3.
 Krasovskii, V. P. - Problems of determining economic efficiency in planning the national economy. p. 32.
 Vainshtein, B. S. - The norms system of the construction industry and its use for determining the economic efficiency. p. 53.
 Comments on V. P. Krasovskii's and B. S. Vainshtein's reports. p. 69.
 Buditskii, I. M. - Increasing the efficiency of capital investments and attaining planned productive capacity of new industrial enterprises. p. 79.
 Kravchuk, I. U. S. - On the problem of joint capital investments. p. 88.
 Shukstal', I. A. V. - Method of determining the economic efficiency of capital investments in the countries participating in the COMECON. p. 96.
 Nikolaevskii, N. M. - Scientific studies on the optimal distribution of the petroleum production industry in the U.S.S.R. p. 105.
 Mitrofanov, A. I. - Solving the economic efficiency problems in planning capital investments. p. 109.
 Fofinich, I. D. - Study of the actual economic efficiency of capital investments in the chemical industry. p. 117.
 Golosovskii, S. I. - Study of the economic efficiency of the new equipment of industries manufacturing heavy, power, and transport machinery. p. 123.
 Shinko, K. N. - Studies in the economic efficiency of capital investments in transport. p. 131.
 Scientific council on the efficiency of capital investments and new equipment in the White Russian S.S.R. p. 136.
 Method of determining the economic efficiency of capital investments and new equipment. p. 140.
 Literature on the economic efficiency of capital investments and new equipment for 1963-1964. p. 145.

EKONOMIKA I MATEMATICHESKIE METODY [ECONOMICS AND MATHEMATICAL METHODS]. Issued by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 1, no. 4, July-Aug. 1965.
 Table of contents translated:
 Mylnas, E. Z. - Classification of information in economics. p. 481.

- Stone, Richard - Modeling of economic systems. p. 502.
 Mintz, Bronislov - Conditions of proportionality in the socialist economy. p. 515.
 Achelevskii, K. V. - Evaluation of capital investment projects by the criterion of maximum rate of efficiency in the conditions of incomplete information. p. 522.
 Dudkin, I. M. - Model of the interbranch balance including complex industries. p. 534.
 Veselaja, G. N., Frenkel', A. A. - Multistep regression analysis in the construction of statistical models of labor productivity. p. 542.
 Mukhacheva, E. A. - Transportation problem on a network with additional limitations. p. 547.
 Shvarteman, A. P. - On an algorithm of fractionally-linear programming. p. 558.
 Movshovich, S. M. - Evaluation of the maximal element method. p. 566.
 Amvrosenko, V. V. - Acceleration of the convergence of Brown's method for solving matrix games. p. 570.
 Shembel', V. I. - Problem of the distribution of overtime in planning seasonal enterprises. p. 576.
 Verkhovskii, B. S. - Formulation and interpretation of linear-programming problems. p. 588.
 Gelonius, I. U. V. - How to formulate and solve problems on an electronic computer. p. 597.
 Protseko, O. D. - Static interbranch balance of production and production distribution. p. 607.
 Vainshtein, A. I. - Meeting devoted to Academician V. S. Nemchinov's memoirs. p. 617.
 Anushavan Agafonovich Arzumanyan, 1901-1965; obituary. p. 638.

EKONOMIKA RADIANS'KOI UKRAINY [ECONOMICS OF THE SOVIET UKRAINE]. Issued by Instytut ekonomiki Akademii nauk URSR [Institute of Economics of the Academy of Sciences of the Ukrainian S.S.R.], Kiev, vol. 8, no. 8, Aug. 1965.

- Table of contents translated
 Il'chenko, S., Tudel', M. - Decision of the March Plenum of the Central Committee of the CPSU in operation. p. 3.
 Mathushko, A., Olinyk, S. - With the view to the future. p. 13.
 Niezhel'skii, V. - Prospects for further development of the socialist division of labor. p. 21.
 Naumenko, K., Khokhlov, M. - For a fuller use of production potentialities and capital assets in coal mines. p. 28.
 Lysytsyn, B. - For a systematic reduction of production costs. p. 32.
 Sytalo, A. - Improve the efficiency level of capital investments in agriculture. p. 38.
 Ianiuk, E. - Role of collective farmers' private plots in the collective farm production system. p. 43.
 Buhalenko, N. - Poultry farming, turkeys, and profit. p. 49.
 Pavili, O. - From the work practice of farm enterprises. p. 55.
 Tykhonova, O. - Cooperative farm sections and incubator stations are profitable to collective farms. p. 57.
 Among the farmers of Uman' District. p. 60.
 Cherkas'kii, R. - Account for every ruble. p. 63.
 Naidonov, V. - Ways to improve the economic bases of planning. p. 68.
 Hello, D., Apanovych, M. - Important form of workers' participation in the management of socialist production. p. 75.
 Attention! Search is in progress. . . p. 79.
 Kondrat'ev, A. - Replies to innovators' questions. p. 82.
 Svitallo, A. - Treasures for everybody. p. 83.
 Cherednychenko, L. - We are working profitably. p. 87.
 Kononov, M. - At the source of fiery rivers. p. 90.
 Komar, A., and others. - Ashes and slag of a thermoelectric power plant are valuable raw materials. p. 91.
 Kurov, M. - Industrial Kharkov in search for the potentialities of economy. p. 93.
 Trostienko, D. - Scientific conference in a region. p. 93.
 In the propagandist's notebook. p. 95.
 Pavlo Vasyl'ovych Kryven', an obituary. p. 96.

Vol. 8, no. 9, Sep. 1965.

- Table of contents translated:
 Editorial. Complete the seven-year plan successfully. p. 3.
 Nikolaev, M. - Material incentives and production quality. p. 7.
 Borkov, M., Bondarenko, V., Iarmolyn'skii, M. - Vital problems of developing services to the population. p. 12.
 Chulstov, V. - On increasing the role of profit in the system of socialist management. p. 19.
 Novotsev, O. - Improve the method of working out the material balances. p. 25.
 Sydorov, I. - Produce more per ruble invested in the capital assets of pipe industry enterprises. p. 30.

- Bazuchko, T. - Potentials of increasing the profitability of production in the shoe industry. p. 36.
 Halkin, O. - For the efficient use of manpower on collective farms. p. 41.
 Hryhoriev, S., Olinyk, V. - What a collective farm has gained from specializing in sugar beet growing, dairying, and poultry farming. p. 49.
 Sych, A. - Planning the development of small, medium-size, and large cities. p. 55.
 Lalalants, A., Kabanovych, B., Rieznikov, V. - Some problems of the classification of industrial and agricultural production. p. 60.
 Ostapenko, M., Holovach, A. - Problems of the present-day development of the collective-farm trade. p. 69.
 Berman, O. - The five-day workweek is a good practice. p. 74.
 Tretlakov, O. - New work schedule and new demands. p. 76.
 Herasymenko, M. - Aid of socialist countries for the industrialization of India. p. 83.
 Improving the efficiency of capital investments in agriculture. p. 88.
 Slanakov, F. - Here are the potentials! p. 92.
 Hofman, A. - Automotive transportation needs a coordinating center. p. 93.

EKONOMIKA SEL'SKOGO KHOZIAISTVA [ECONOMICS OF AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 41, no. 9, Sep. 1965.

- Table of contents translated
 Kolov, G. - Use more fully the demands of economic laws. p. 1.
 Stiganov, V., and others. - Intensification of agricultural production in the Baltic region. p. 17.
 Kaminskii, A. - Economic, organizational and administrative principles of correct crop rotation. p. 44.
 Vasilev, D. - How to determine profitability on collective and state farms. p. 55.
 Batakova, N., Nagayev, I. U. - Prediction of the cost of agricultural production. p. 61.
 Mirzoev, S., Karumov, R. - Economics of vegetable production in the Azerbaijan S.S.R. p. 61.
 Raigauz, M., Stanitskii, V. - Potentials for increasing the use of milking equipment. p. 71.
 Kalinkin, S. - Differential rates in dairy farming. p. 75.
 Fomichov, I. U., Zhurhgov, V. - Efficient forms of labor organization on the collective farms of the cis-Ural region. p. 79.
 Sokolov, N. - Important potential for increasing the production of meat and wool. p. 83.
 Sizikov, N. - Potentials for increasing the production of grain. p. 86.
 Roslovskiy, N., Kravtitskii, V. - Advantages of crossbreeding. p. 92.
 Akimov, G., Zaitis, A. - Breeding work should be conducted according to economic principles. p. 94.
 Guseinov, S., Gubaev, M. - Each zone should have an economically-profitable breed. p. 97.
 Ginko, F., Tikhonov, M. - The agricultural model statute requires amendment. p. 100.
 Chasovskikh, V. - Master business accounting within individual production units of a farm. p. 103.
 Nazarenko, V. - Practice in teaching economics to the agricultural labor force. p. 105.
 Grunberg, G. - Application of the principles of the new economic system of agricultural planning and guidance in the Democratic Republic of Germany for the purpose of further intensification of production. p. 108.

LIAUDIES UKIS [THE NATIONAL ECONOMY]. Issued by Lietuvos TSR Valstybine plano komisija [State Planning Commission of the Lithuanian S.S.R.] and others. Vilnius, nos. 9(83)-10(84), Sep.-Oct. 1965 [in Lithuanian].

MIROVAIA EKONOMIKA I MEZHODUNARODNYE OTNOSHENiya [WORLD ECONOMICS AND INTERNATIONAL RELATIONS]. Issued by Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U.S.S.R.], Moscow, no. 10, 1965.

- Table of contents translated:
 Western Europe and modern capitalism. p. 3.
 Morozov, G. - On the threshold of the third decade. p. 18.
 Kollontai, V. - Liberated countries, selecting a path of development. p. 28.
 Maksimova, M. - Economic integration as a new phenomenon of modern capitalism. p. 40.
 Pronin, S. - The working class of developed capitalist countries. p. 55.
 Current problems of world politics. p. 71.
 Vygodskii, S. - Some tendencies of the capitalist reproduction of the means of production under present-day conditions. p. 93.
 Mother countries without colonies. p. 105.
 Fedorov, R. - Rolf Hochhuth's manifesto. p. 120.

- Rogova, G. - Struggle for change of leadership in the American trade unions, p. 123.
- Romanova, Z. - Penetration of Japanese capital into Latin America, p. 125.
- Kravchenko, V. - Italy the metamorphosis of programming, p. 127.
- Anisim, A., Entov, R. - Accumulation of capital and small savings, p. 130.
- Mescheriakov, M. - The Spanish Falange, p. 140.
- Sintysna, I. - In the African Institute of the Academy of Sciences of the U.S.S.R., p. 144.
- MOSCOW, INSTITUT NARODNOGO KHOZIAISTVA. Tudy [INSTITUTE OF THE NATIONAL ECONOMY. Transactions], No. 37, 1965. Matematicheskie metody planirovaniya v narodnom khoziaistve [Mathematical planning methods in the national economy].**
- Table of contents translated
- Pochin, P. F. - Problems of the aggregation of products in the interbranch balance, p. 3.
- Iurkov, V. K. - Use of the interbranch balance of labor in planning, p. 13.
- Zelinskaya, L. I. - The interbranch balance of France, its main features and characteristics, p. 21.
- Urinson, I. A. M., Semenov, V. V. - Problems of programmed instruction, p. 31.
- NARODNOE KHOZIAISTVO ARMENII [THE NATIONAL ECONOMY OF ARMENIA].** Issued by Gosplan Armianskoi SSR and Institut ekonomiki Akademii nauk Armianskoi SSR [State Planning Committee of the Armenian S.S.R. and the Institute of Economics of the Academy of Sciences of the Armenian S.S.R.]. Eriyan, nos 8-9, 1965. [In Armenian]
- NARODNOE KHOZIAISTVO KAZAKHSTANA [THE NATIONAL ECONOMY OF KAZAKHSTAN].** Issued by Gosplan Kazakhskoi SSR [State Planning Commission of the Kazakh S.S.R.]. Alma-Ata, vol. 23, no. 8, Aug. 1965.
- Table of contents translated:
- Efimov, P., Cherkaev, V. - Enterprises should have economically sound plans, p. 3.
- Sedelnikov, A. - Ignoring local organs, p. 8.
- Cherezov, L., Baibinov, I. U. - We are using models in designing, p. 11.
- Stepanov, N. - Give new incentives to labor, p. 15.
- Elgin, G., Ketchaev, K. - Strive for minimum expenditures, p. 16.
- Sakbaev, M. - Structure of the fuel balance, p. 20.
- Iavoniskii, D. - Is it according to their desire? p. 24.
- Iatsenko, P. - The manager's authority, p. 20.
- Zhachev, I. - Improve the procurement system, p. 34.
- Groisman, I. A. - Transit barriers and costs, p. 37.
- Baktapov, A., Fottelov, R., Kutanova, Z. - The service industry is an important branch of social production, p. 39.
- Nochevov, G. - Don't stop with the achieved, p. 43.
- Kimi, I. - Budget and the tasks of financial organs, p. 44.
- Tulohayev, T. - Use a new method in collecting the turnover tax, p. 46.
- Molodtsova, A. - The inspector came to an enterprise, p. 51.
- Skifarov, P. - Organized repairs on an industrial basis, p. 55.
- Aitghanov, N. - Give efficient help to Southern Mangyshlak, p. 56.
- Kuznetsov, N. - First results and new tasks, p. 60.
- Dalibekov, Zh. - Work and needs of an institution of higher learning, p. 62.
- Ten, A., Shalder, M., Semenov, N. - A mine strives for achievements, p. 66.
- Strengthen economic levers in construction, p. 69.
- Zhumayeva, M., Oviannikova, N. - Advantages of concentration, p. 72.
- Zhubanova, D. - Economy of time plus practicality, p. 75.
- Vol. 23, no. 9, Sep. 1965.**
- Table of contents translated:
- Bubnov, G. - Introducing plans for scientific labor organization in the working areas, p. 3.
- The Ukrainians have started. It is time the Kazakhs did, too, p. 9.
- Kopchenko, D., Istamov, R., Melerovlev, V. - Strengthen the work of pilot shops, p. 11.
- Kavte, V. - The labor plan and its evaluation, p. 15.
- Platov, N. - New conditions and new structure, p. 18.
- Mikhailov, S. - Use capital assets at maximum capacity, p. 23.
- Zakharov, A., Doronin, I. U., Pannin, A. - Employ secondary power resources, p. 26.
- Eldia, B., Gal'perin, I. A., Vasil'chov, I. - Continuous operation planning in the "Vostokmashzavod," p. 28.
- Shein, P., Zakharova, L. - We use supplementary bonus systems, p. 34.
- Baidalnov, A., Ondaaynov, T. - A new method of planning and accounting in mines, p. 37.
- Zhakibaev, B., Karik, E., Rakikovskii, L. - Schools of progressive practice, p. 39.
- Smol'nikov, B. - Discipline and the method of management, p. 42.
- Kino, O., Stepanenko, G. - A giant deposit is re-treating, p. 45.
- Zubkov, A. - Planning organ, bank, and construction project, p. 48.
- Verezhagin, G., Zorina, A. - Use of equipment and economic calculations, p. 53.
- Chief economists are on the right flank, p. 56.
- Krylov, S. - Mobile plants instead of stationary ones, p. 60.
- Iakovlev, V. - Taking into consideration the needs of the village, p. 62.
- Mit'gram, S. - Plan and organize work with consideration of the future, p. 63.
- Grigor'ov, V. - According to the laws of beauty and expediency, p. 67.
- Ivanov, I. - Restore the local industry, p. 71.
- Rukhin, B., Matusevich, V. - Pave the way for mining prospecting, p. 74.
- Turin, A. - The Greater Tugay and its significance in the national economic plans, p. 76.
- NOVAYA SOVETSKAYA EKONOMICHESKAYA LITERATURA [NEW SOVIET ECONOMIC LITERATURE].** Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.], Moscow, no. 7, 1965.
- CHERKI PO SOVREMENNOI SOVETSKOI I ZARUBEZHNOI EKONOMIKE [STUDIES ON CONTEMPORARY SOVIET AND FOREIGN ECONOMICS].** Issued by Nauchno-issledovatel'skii ekonomicheskii institut [Scientific Research Institute of Economics], Moscow, no. 4, 1965.
- Table of contents translated:
- Foreword, p. 3.
- Konarov, D. I. A. - Use of the interbranch balance for determining total labor expenditure in production, p. 8.
- Komina, E. F. - Working out a method for determining the amount of labor expended for the manufacture of individual articles in relation to the national economy, p. 31.
- Mkrtchyan, A. A. - Several problems of determining the economic efficiency of capital investments and new equipment, p. 62.
- Sorduk, L. A. - Current problems of specialization in the machinery industry of large economic regions, p. 82.
- Buzinov, R. A. - Structural changes in the automobile industry production of the U.S.S.R., p. 104.
- Borisov, I. I. - Production potentials of piece and small-lot machinery manufacturing, p. 122.
- Solov'ev, O. A. - Use of synthetic balances in Polish planning practice, p. 147.
- Serzhinskii, A. S. - Methodological problems of comparing production costs of socialist countries, p. 171.
- Shagalov, G. L. - The efficiency indices of export, p. 183.
- Molotin, I. F. - Comparing agricultural production cost in the countries participating in the COMECON, p. 203.
- Ladygin, B. N., Kravtsova, I. G. - Concentration of production and the international socialist division of labor, p. 218.
- Bushmarin, I. V. - Methodical and methodological bases of regrouping the branches of the U.S.A. economy according to the classification of the Central Statistical Administration of the U.S.S.R. in the comparative analysis of the use of labor resources in the U.S.S.R. and the U.S.A., p. 240.
- Shpil'ko, G. A. - Economic and statistical analysis of the national wealth of the U.S.A., p. 261.
- Kuz'mina, E. I. - Method of comparing the consumption of free services by the population of the U.S.S.R. and the U.S.A. in the sphere of state-supported cultural and social services, p. 286.
- PLANOVOE KHOZIAISTVO [PLANNED ECONOMY].** Issued by Gosplan SSSR and SNK SSSR [State Planning Committee of the U.S.S.R. and the Economic Council of the U.S.S.R.], Moscow, vol. 42, no. 9, Sep. 1965.
- Table of contents translated:
- Cherikov, L. - Improving the efficiency of transportation in relation to the national economy, p. 1.
- Antonov, A. - A comprehensive plan for the development of an economic region, p. 12.
- Ivanov, E. - Improvement of planning in an economic region, p. 17.
- Korovin, G., Kirichenko, N. - Consumer budget in national economic planning, p. 23.
- Mkrtchyan, M. - Improving the working-out of the fuel balance, p. 32.
- Bochinskii, A. - The technical, industrial, and financial plan: its organization, method, and indices, p. 43.
- Ignatova, L., Manushina, O. - Use of network schedules in planning within workshops, p. 47.
- Artemov, I. U. - Increase the incentive role of the bonus system, p. 53.
- Grank, G., Monakhovich, L., Dolkart, M. - Some problems of the economic development of the Northwest Economic Region, p. 57.
- Blank, S., Selezneva, N., Shustrov, A. - River transportation and the development of natural resources of the Northwest, p. 63.
- Objective principles of planning the proportions and rates of social reproduction of the means of production, p. 68.
- Kotletsov, N., Badusov, A., Sergeev, I. U. - Improve the use of forest resources and wood, p. 77.
- Meerovich, L., Parashchenko, G. - Economic efficiency of the industrial development of the North, p. 80.
- Goncharov, P., Ivanova, M. - For the needs of the population, p. 82.
- Tolstov, E., Tolstov, E. - Industrial wastes are a valuable raw material, p. 83.
- Smirnov, I., Mamchenko, A. - Specialization practice in the machinery industry, p. 84.
- Kazakevich, I. A. - Price limit for the nonstandard equipment, p. 86.
- Vol. 42, no. 10, Oct. 1965.**
- Table of contents translated:
- Markov, V. - Current problems of using the labor supply, p. 1.
- Turetskii, Sh. - Prices for services, p. 9.
- Chernitskii, U. - Prediction of the demand for non-food commodities, p. 18.
- Popov, D. - Planning the production of rolled metal, p. 30.
- Zakharov, B. - Problems of improving the level of economic work in an enterprise, p. 35.
- Kovchev, N. - Daily accounting for carrying out the cost plan, p. 41.
- Trubochkina, M. - Analysis of the use of capital assets in the precast-reinforced-concrete industry, p. 45.
- Fedorenko, N., Ioffe, V., Alekhin, A. - Optimization of the structure of the production of plastics, p. 48.
- Minevskii, A. - Application of matrix models in planning costs, p. 54.
- Mit'fanova, N. - Price and the incentive for increasing the efficiency of production, p. 58.
- Belik, I. U. - Planning of the correlation between consumption and accumulation, p. 65.
- Planning of proportions between the production of the means of production and consumer goods, p. 73.
- Bezulyi, B. - Optimization of ties and the organization of payments, p. 83.
- Akhund, M. - Application of correlation methods in the study of the relationship of the value of capital assets to the value of production, p. 85.
- Polozov, V., Konarov, G. - Efficient use of the labor supply, p. 87.
- Sviridenko, G. - Why there is no reduction in the cost of transportation in trade? p. 88.
- In economic research institutes, p. 91.
- UCHET I FINANSY V KOLKHOZAKH I SOVKHOZAKH [ACCOUNTING AND FINANCE ON COLLECTIVE AND STATE FARMS].** Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 22, nos. 9-10, Sep. - Oct. 1965.
- VOPROSY EKONOMIKI [PROBLEMS OF ECONOMICS].** Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U.S.S.R.], Moscow, no. 9, Sep. 1965.
- Table of contents translated:
- Berri, L., Shilin, I. - Economic efficiency of the concentration of production in industry, p. 3.
- Vorobiev, E. - Productive capacity and the loading of industrial equipment, p. 16.
- Emel'ianov, A., Marinko, I. - Methodological problems of completely converting state farms to business accounting, p. 23.
- Budyka, A., Nuzarontko, V. - Practice in completely converting state farms to business accounting, p. 35.
- Bobkov, K. - Interdependence of teaching political economy and branch economics in technical institutions of higher learning, p. 42.
- Nemchenko, V. - Some problems of the efficient use of the U.S.S.R. labor resources, p. 54.
- Kheiman, S. - Tendencies of the development of large-scale machinery production, p. 62.
- Livshits, A. - Some problems of distribution under socialism, p. 76.
- Ignatovskii, P. - Introduction of progressive practice in agriculture, p. 83.
- Orlov, I. A. - Increasing economic incentives in trade, p. 86.
- Fyaltgineev, R. - Branch industrial combines in various socialist countries, p. 88.
- Kirillov, S. - On a variant of the bourgeois doctrine of "industrial society," p. 103.
- Rumiantsev, A. - Operation and use of the economic laws of communist formation, p. 123.
- Artemov, N. - Growth of the economic might of socialist countries, p. 136.
- Anisimov, G., Veselkov, F. - Current problems of material incentives, p. 147.
- Pozner, A. - Problems of improving the planned organization and management of socialist production, p. 151.

Shagin, N. - People's universities of technical and economic knowledge. p. 156.
 Pechnikov, V., Semenkova, T. - Some problems of the criticism of anti-Marxian economic theories p. 153.

c FINANCE

DEN'GI I KREDIT [MONEY AND CREDIT]. Organ of Gosudarstvennyi bank SSSR [U.S.S.R. State Bank]. Moscow, vol. 23, no. 9, Sep. 1965.
 Table of contents translated:
 For increasing further the role of money and credit in the economic development of the country. p. 3.
 Slavyi, I. - On some proportions of currency circulation. p. 11.
 Pesselt, M. - Credit mechanism in heavy industry. p. 18.
 Konova, T. - On the development of credit relations. p. 25.
 Tafila, I. - Investment of credit in capital assets. p. 28.
 Bel'tsov, I. - Extending credit for capital expenditures. p. 32.
 Saldakovskii, I.A., Kozover, B. - Extension of credit and the payments of production combines. p. 35.
 Tarasov, S. - Extending credit to the chemical industry. p. 37.
 Pokdyshev, S. - Bank work with collective farms. p. 40.
 Volkov, F. - Loans to collective farms. p. 42.
 Brazhenko, V. - Payments to collective farms. p. 42.
 Burlai, P. - Control over construction on collective farms. p. 44.
 Ishiev, U. - Savings banks of Syr Darya Province. p. 45.
 Klimov, A. - From lagging to the progressive ones. p. 47.
 Abdulaev, A., and others. - Practice in the centralization of accounting. p. 48.
 The communist labor movement. p. 56.
 From readers' letters. p. 60.
 Questions and answers. p. 65.
 Gacs, Laszlo. - Monetary savings and the extension of credit to the population. p. 69.
 Chizhov, K. - World market of capital. p. 76.
 Brief information on foreign exchange and banks abroad. p. 86.
 In the Board of Directors of the State Bank of the U.S.S.R. p. 92.
 Conference of savings banks managers. p. 93.
 Conferences and seminars. p. 94.

FINANSY SSSR [FINANCE OF THE U.S.S.R.]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 39, no. 9, Sep. 1965.

Table of contents translated:
 Editorial: Complete the year successfully p. 3.
 Kuzin, M. - Problems of staff work. p. 7.
 Motylev, L. - Improve the work method of financial and insurance organs. p. 13.
 Mamchenkov, E. - Potentialities for increasing the profitability of new chemical enterprises. p. 19.
 Tur, V. - Give more attention to taxation work. p. 24.
 Roze, M., Shustalov, A. - Put the development of the service industries under the unremitting control of financial organs. p. 29.
 Ailakhverdian, A. - Commodity and monetary relations and the law of value under socialism. p. 35.
 Malvienko, V. - Putting productive capacity into operation is the main thing. p. 47.
 Pudikov, D. - Improve practice in extending long-term credit. p. 49.
 Volkova, A. - Deliveries of equipment. p. 51.
 Isavina, V. - New development in the analysis of the profit of an industrial enterprise. p. 53.
 Shapiro, B. - Deficiencies in the work of the financial services of consumer cooperatives. p. 58.
 Podobnyi, S. - A lot was prompted by life. p. 61.
 Murashko, V. - Prevent violations. p. 63.
 Dudakov, A. - Organization of studies at the Rostov Financial School. p. 65.
 Fil'shteyn, L. - This reduces the efficiency of control. p. 68.
 Mil'ner, A. - Vigilant eye, a satire. p. 71.
 Volodikhin, V. - Procedures for calculating and paying the turnover tax on some goods. p. 75.
 Gubanov, R. - Special features of the revaluation of goods and payments to the budget. p. 78.
 Kheifets, S. - How to determine norms for internal working capital. p. 80.
 Gerekov, G., Shtankala, I. - New development in the planning and guidance of the national economy of the Democratic Republic of Germany. p. 86.
 In the Collegium of the Ministry of Finance of the U.S.S.R. p. 95.

d LABOR

OKHRANA TRUDA I SOTSIAL'NOE STRAKHOVANIE [PROTECTION OF LABOR AND SOCIAL INSURANCE]. Issued by Vsesoluznyi Tsentral'nyi Sovet Professional'nykh Soluzov [All-Union Central Council of Trade Unions]. Moscow, vol. 8, no. 9, Sep. 1965.

Table of contents translated:
 Shkuratov, I. - Let's take better care of rural workers p. 1.
 Arakettan, S. - Guarding the law p. 3.
 Popov, M. - Let's build sanatoriums speedily and solidly! p. 4.
 Suponitskii, M. - If we study the figures p. 7.
 Vasil'ev, I. - Scientific Organization of Work at Working Places and Industrial hygiene service p. 9.
 Stepanov, S., and others. - Conference of the rural trade-union activists of Moldavia. p. 11.
 Daglialskii, R. - Effect can be considerable p. 18.
 Dalfina, O. - Life prompts it p. 18.
 Stroganov, A. - Created by the efficiency promoters of Leningrad p. 20.
 Keil'bert, D. - Safe machinery for rural workers p. 23.
 Preobrazhenskii, N. A. - Preventing angina p. 26.
 Orakhov, A. - New models of headgear. p. 28.
 Gol'dfain, L. - Seasons, traveling passes and sanatoriums. p. 30.
 Malkin, E. - In one of the oldest sanatoriums p. 31.
 Iur'ev, R. - On the Caspian coast. . . p. 32.
 Semonov, E. - Needs of textile workers. p. 33.
 Genin, L. - Aesthetics enters the workshop. p. 35.
 Dokuchaev, A. - Bad taste by requisitions p. 37.
 Korabiev, V. - Let's organize the production of safe tools. p. 38.
 Dolinskii, V. - Ventilation of a crane operator's cabin p. 39.
 Shikhov, V., Makurin, P., Tkachev, V. - Radio-active isotopes as the guardians of health p. 40.
 Shagin, M. - Let's retire vibration! p. 42.
 Lazarev, V. - Award and payment of pensions to collective farm members p. 43.
 Privileges connected with the draft and military service p. 44.
 Kozushin, L. - Consideration of labor disputes. p. 46.

RABOTNITSA [THE WOMAN WORKER]. Published by Izd-vo [Publishing House] "Pravda" Moscow, no. 9, Sep. 1965

RABOTNITSA I SIALIANKA [THE WOMAN WORKER AND THE PEASANT WOMAN]. Issued by Tsentral'nyi Kamitet Komunisticheskoe partii Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 41, no. 9, Sep. 1965.

SOTSIALISTICHESKII TRUD [SOCIALIST LABOR]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po voprosam truda i zarabotnoi plati [State Committee of the Council of Ministers of the U.S.S.R. on Labor and Wage Problems]. Moscow, vol. 10, no. 9, 1965.

Table of contents translated:
 What the experiment shows. p. 3.
 Krasovskaya, A. - New development in wages and labor organization in a clothing enterprise. p. 10.
 Ovsianikov, V. - Efficiency of incentive payments in the service industries. p. 16.
 Khvorostianikov, M. - A piecework-bonus wage system in construction. p. 20.
 Zverev, L. - The wage and classification manuals and changes in workers' occupational composition. p. 23.
 Stoliarov, E. - Material responsibility of enterprise workers. p. 29.
 Zanin, V. - Structure of the expenditure of time as an important criterion for the level of labor and production organization. p. 32.
 Sominskii, V., Ivanov, A. - Use of specialists in production and planning their number. p. 36.
 Mel'nov, M., Titul'mukov, I. - The communist labor movement and labor organization. p. 43.
 Kuznetsov, I. - The foreman his functions, problems of training, and use in production. p. 48.
 Tybinka, V. - A foreman's workday. p. 57.
 Uksvarav, R. - The foreman in the U.S.A. enterprises. p. 58.
 Tsurkovskii, I.A. - Labor psychology and physiology aid production. p. 62.
 Vavrinuk, A. - Physiological requirements for the working area. p. 69.
 Gorin', M. - Psychological requirements for the working area. p. 73.
 Kurilo, S. - Chair for a machine operator. p. 78.
 Futorianskii, I.A. - Lighting of production premises as a factor in good organization of production. p. 79.
 Volkov, N., and others. - Scientific labor organization service in an enterprise. p. 81.

Academic and production workers of eastern regions discuss scientific labor organization laboratory practice. p. 88.
 Koisakov, E. - Scientific labor organization in loading and unloading work in ports. p. 91.
 Chubarov, G. - What hinders the introduction of technically based work norms. p. 96.
 Aion, E. - Establishing work norms for employees. p. 101.
 Sobolev, V. - Determining the number of transport workers in the machinery industry. p. 109.
 Finogenov, V. - Control over the introduction of centrally developed norms. p. 116.
 Korshakov, I., Voloshin, E. - Production norms stations aid enterprises. p. 118.
 Kolesnikov, A., Peilsov, V. - Example of a creative approach to work. p. 119.
 Methods for studying the expenditure of working time. p. 121.
 Uzhinskii, K. - Terms of students' work during production work and practical training. p. 124.
 Lazarev, V. - Benefits and compensations for work in enterprises with difficult and harmful working conditions. p. 129.
 Muksinova, L. - Summated accounting for working time. p. 136.
 In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. p. 144.

Vol. 10, no. 9, Sep. 1965.

Table of contents translated:
 Diadyk, I. - There is a need for an orderly system of introduction of scientific labor organization. p. 3.
 Dovba, A. - Specialization of production and the improvement of the efficiency of work. p. 8.
 Sobol', A., Tseretkin, B. - Standard solutions for the organization of the working areas in machine and assembly shops. p. 16.
 Andrianov, P. - Modern methods of training workers. p. 24.
 Scientific labor organization is a vital problem of today. p. 31.
 Improve the system of enterprise management. p. 40.
 Machine accounting for labor:
 Shetman, E. - A system ensuring an overall mechanization. p. 47.
 Pashkevich, B. - Use of the "Minsk-2" machine in the accounting for labor. p. 50.
 Volkov, O. - Take into consideration all aspects of the problem. p. 60.
 Iain, E. - Analysis of the efficiency of wage systems. p. 67.
 Mel'nik, S., Govorov, V. - An hourly-bonus wage system in mass production. p. 71.
 Denisenko, A. - Consider not only the incentive payments but material responsibility as well. p. 74.
 Nosov, P. - Production quality is the main index. p. 77.
 Kashil'skii, R. - Determining the efficiency of wages on the basis of the finished product. p. 80.
 Dilrich, Martin. - Wages for machine-tool operators in Zeiss' enterprises. p. 83.
 Konfendal, I.A., Alchikovskii, L. - Compute the number of auxiliary workers on a scientific basis. p. 88.
 Onoprienko, G. - Machine processing of data from mass photography of working time. p. 94.
 Vainov, A. - Planning for labor and wages should be based on time norms. p. 100.
 Zaitsev, P. - There is a need for control over the introduction of norms in agriculture. p. 106.
 Ivanova, K., Abramova, A. - Work of the central norms research station of the Kuznetsk Basin Economic Region. p. 111.
 Karanikola, V., Rubashkin, B. - Uncovering hidden potentialities. p. 112.
 Smirnov, E. - Scientific labor organization at the present-day stage. p. 115.
 Letters and correspondence. p. 127.
 Vasil'ev, I.U., Krapivin, O. - Practice in applying the instruction on paying salaries to educational personnel. p. 132.
 Zlokazov, I.U. - Compensation for workers in trade and the public dining system. p. 138.
 In the State Committee on Problems and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. p. 143.
 Survey of the legislation on labor and judicial practice. p. 146.

SOVETSKIE PROFSOJIZY [SOVIET TRADE UNIONS]. Issued by Vsesoluznyi Tsentral'nyi Sovet Professional'nykh Soluzov [All-Union Central Council of Trade Unions]. Moscow, vol. 21, no. 17(323), Sep. 1965.

Table of contents translated:
 Editorial: Give daily attention to the reorganization of rural life. p. 1.
 Podol'shechikov, G. - Technological progress on the threshold of the seven-year plan. p. 4.
 Pyshchenko, T. - Why youths have a hard time. p. 7.

- Alekseev, I. - Paths which we select. p. 8.
Korogodin, I. - Inception of accounting. p. 10.
Grishin, G. - With the aid of the activists. p. 12.
Peshkova, N. - After a decision has been made p. 14.
Skibitskaya, V. - "We protect from an excessive work load" p. 17.
"The trade-union leader - What I would like him to be?" on the results of a discussion p. 20.
Emel'yanov, A. - Sanat Sirov, our trade-union group organizer, from a journalist's notebook p. 24.
Moiyev, A. - Scientific labor organization p. 26.
Fventov, M. - "Those for dismissal, please raise your hand!" p. 30.
Stetskii, S. - Wanted passes p. 31.
Listov, V. - On a "volcanic continent," p. 36.
Georgieva, A. - "Rude Pravda" is 45 years old. p. 39.
Maksimov, E. - MacLellan beats the drum p. 39.
Regulation on the rights of the factory and plant local committee, comments on article No. 13 p. 41.
Simonenko, G. - What is new in the legislation on pensions, our consultations p. 42.
Replies to trade-union activist workers' questions p. 44.
Glushneva, Z. - What do you know about potatoes? p. 45.

Vol. 21, no. 18(324), Sep. 1965

- Table of contents translated.
Editorial: The congress of the trade unions of the whole world. p. 1.
Korol'kov, N. - Reliable support of party organizations. p. 5.
Leidin, N., Fadeev, N. - Democracy real and illusory. p. 7.
Tal', R. - Faithful aid of the plant committee. p. 9.
Borlukov, M. - Public concern about the fertility of a hectare. p. 10.
Leonov, I. - Better pay for better work. p. 13.
Naumenko, M., Karpov, I.A., Polynin, V. - Seek, count and economize. p. 15.
Koiobov, G. - How mixed integral-process brigades benefit us. p. 18.
Festival of strength, dexterity and beauty. p. 23.
Nikitin, P. - A lot depends on the local trade-union committee. p. 26.
Arkad'ev, D. - The kitchen produces waste. p. 28.
The Soviet trade unions are a school of communism. p. 30.
Guseinov, K. - We are with you, heroic Vietnam! p. 36.
Moya, E. - Our contribution to unity. p. 40.
Matshov, G. - Bonuses for the creation and introduction of new equipment. p. 41.
The editor of the journal replies to the readers. p. 43.

Vol. 21, no. 19(325), Oct. 1965

- Table of contents translated:
Vladychenko, I. - Increasing labor productivity is a vital task of today. p. 1.
Mglinseva, I. - The cause you serve. p. 4.
Polynin, V. - Plus the collective's search. p. 6.
Galleyn, A. - Account for each kopeck in a business-like manner. p. 9.
Shecheglov, G. - Always with the people. p. 10.
Solov'ev, A. - Behind the fence of percentages. p. 12.
Sunikina, E. - Everybody is a volunteer. p. 14.
Dimov, F. - Farmers should have city services. p. 22.
Lebedev, I.U. - Typical tribulations of standard designing. p. 24.
Gudkov, I. - Organizational structure of trade unions. p. 26.
Chekhov, I. - Vocation p. 30.
Ogandzhaniants, M. - The future belongs to them. p. 32.
Riabinskii, I. - There should be new rites to fit new times. p. 34.
Kravchenko, B. - Why such superfluties? p. 35.
Volodin, V. - Put a rucksack behind your shoulders and set out for a journey. p. 36.
Sharov, A. - Protection of workers' interests in the principle of the work of the World Federation of Trade Unions. p. 40.
They choose struggle. p. 42.
Return address is the whole world. p. 43.
Aleshin, A. - Improving specialists' qualifications; our consultations. p. 45.
Regulation on the rights of the factory and plant trade-union committee, comments to articles No. 14 and No. 15. p. 46.

VSEMIROE PROFSSOZUOZNOE DVIZHENIE [WORLD TRADE-UNION MOVEMENT]. Organ of Vsemirnaya federatsiya profesov [World Federation of Trade Unions]. Moscow, no. 5, Sep. 1965.

- Table of contents translated:
Editorial: Salilant, Louis. - The 20th anniversary of the World Federation of Trade Unions. p. 1.
Preparation for the Sixth International Congress of Trade Unions is in full swing. p. 4.

- Lega-Sovinski, Ignacy. - Welcome to Warsaw! p. 5.
Twenty years of the World Federation of Trade Unions. pp. 7, 9, 11, 13, 15, 17, 19, 21, 23.
Krauski, Henri. - For strengthening the International unity of the workers. pp. 8, 10.
Kimal, Ahmad. - Invaluable help to workers. p. 12.
Tunon, Jose Del Carmen. - Respect the rights of the workers. p. 14.
Peies, Pastor. - The Sixth Congress, and the struggle of the workers of Colombia. p. 16.
Supporters of trade-union solidarity speak. p. 18.
Bitossi, Renato. - Let us strengthen the solidarity with the people of Vietnam! pp. 20, 22, 24.
Padilla, Luis. - Active solidarity with the people and workers of Aden. p. 25.
Williams-Shupe, Mark. - The South African Congress of Trade Unions is a fighting organization of the workers of South Africa. p. 27.
Mark, Vladimir. - The labor code in socialist Czechoslovakia. p. 29.
Inspiring result. p. 32.
Maguladas, Jean. - The "income policy" in France. p. 35.

S. SOCIOLOGY

KAZAKSTAN EILDERI [KAZAKHSTAN WOMAN] Alma-Ata, no. 9, 1965. [In Kazakh]

KOMSOMOL'SKAYA ZHIZN' [LIFE OF COMMUNIST YOUTH]. Issued by Tsentral'nyi komitet Vsesoyuznogo leninskogo kommunisticheskogo soyuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 19-20, Oct. 1965.

NOUKOGUDE NAINI [SOVIET WOMAN]. Issued by EKP Koskomitet [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 21, no. 10(240), Oct. 1965. [In Estonian]

PADOMJU LATVIJAS SIEVIETE [WOMAN OF SOVIET LATVIA]. Issued by Latvijas Komunistiskais partijas Centrālā Komiteja [Central Committee of the Communist Party of Latvia]. Riga, no. 9(157), Sep. 1965. [In Latvian]

RADIANS'KA ZHINKA [SOVIET WOMAN]. Kiev, vol. 20, no. 9(237), Sep. 1965.

SMENA [THE YOUNGER GENERATION]. Organ of Tsentral'nyi komitet Vsesoyuznogo leninskogo kommunisticheskogo soyuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 42, no. 18(920), Sep. 1965.

SOTSIAL'NOE OBESECHENIE [SOCIAL SECURITY]. Issued by Ministerstvo sotsial'nogo obespecheniya RSFSR [Ministry of Social Security of the R. S. F. S. R.]. Moscow, vol. 26, no. 6, June 1965.

- Table of contents translated:
Let's be more exacting in our work and follow its principles more thoroughly. p. 2.
Kronov, M. - At war and at work. p. 4.
Padezhnov, I. - Victory was being forged in the rear, too. p. 5.
Chelmenko, P. - Don't forget it. p. 7.
Sivakov, A. - Two chairmen and two styles of work. p. 10.
Mashanov, P. - Let's apply the law correctly. p. 13.
Tallashvili, T. - Control by the Province Council. p. 14.
Fodin, V. - Fishermen get pensions. p. 15.
Charkova, M. - Our method of supervision. p. 16.
Shatkhadunov, V., Shefer, G. - Article that compels one to think. p. 20.
Kartiskhila, A. - We need help. p. 21.
Nazarov, A. - In close contact. p. 23.
Trut'jakov, A. F. - Let's improve rural disability evaluation. p. 26.
Simanovskii, V., and others. - Let's make part-time farming profitable. p. 32.
Pozdnakov, N. - Invalid goes to school. p. 34.
Rogov, A. - More on the sore subject. p. 38.
Toplov, E. - Useful activities. p. 39.
Leonidov, G. - For the happiness of men. p. 40.
Andreeva, N. - Far from highways. p. 42.
Lysenkov, E. - Let's improve production. p. 45.
Demchenko, A. - New instruction and new privileges. p. 47.
From the board of the Ministry. p. 51.
Dzibinskaya, I.A. - Length of service of a collective farm worker. p. 52.
Kochinov, S. - Determining the length of service for wage computation of medical and pharmaceutical workers. p. 57.
L'vov, Z. - Should the standard documents be checked? p. 63.

Vol. 26, no. 9, Sep. 1965.

- Table of contents translated:
Let's improve the care of the physically handicapped and the aged. p. 2.
Progressive workers of the Ministry. p. 5.
Gurin, N., Gaidukhin, I. - We conduct inspection... p. 6.
Smyslov, P. - Calculations and miscalculations. p. 8.
Leon'ev, V. - It is too early to relax. p. 10.
Kuvykin, V. - Compulsory checkup. p. 16.
Kartiskhila, A. - Diplomas for volunteer workers. p. 18.
Ivattulin, P. - Heat of a permanent committee. p. 20.
Sadykov, K. - So many unnecessary words... p. 22.
Fasheev, N. - Regular phenomenon. p. 24.
Davidovich, V., Khramova, O. - Communist council assists them. p. 28.
Shabatkin, N. - Disability evaluation in the cases of fracture of the femoral neck. p. 30.
Guarding their health. p. 32.
Antipova, Z. - With communal funds. p. 34.
Danilov, I. - When they get help. p. 38.
Karaseva, N. - In the struggle for longevity. p. 40.
Chodera, Josef, Krivanek, Frantisek. - Prostheses in Czechoslovakia. p. 44.
Semidetova, P. - Work therapy. p. 47.
From the board of the Ministry. p. 49.
Shedrova, G. - Regulation for granting pensions to former members of collective farms. p. 51.
Smirnova, G. - Connection with agriculture. p. 55.
Questions and answers. p. 58.
Rava, E. - Business based on tuberculosis. p. 62.

SOVETSKAYA ZHENSCHINA [SOVIET WOMAN]. Organ of Komitet sovetskikh zhenshchin i Vsesoyuznyi Tsentral'nyi Sovet Professional'nykh Soluzov [Committee of Soviet Women and the All-Union Central Council of Trade Unions]. Moscow, vol. 21, nos. 10-11, 1965.

SOVETSKII KRASNII KREST' [SOVIET RED CROSS]. Organ of Ispolnitel'nyi komitet Soyuza obshchestv Krasnogo kresta i Krasnogo polumeslatsa SSSR [Executive Committee of the Association of Societies of the Red Cross and Red Crescent of the U. S. S. R.]. Moscow, vol. 15, no. 3 (81), May-June 1965.

UZBEKISTON SOTSIAL TA'MINOTI [SOCIAL SECURITY OF UZBEKISTAN]. Issued by Ministerstvo sotsial'nogo obespecheniya Uzbekskoi SSR [Ministry of Social Security of the Uzbek S. S. R.]. Tashkent, no. 4(41), Aug. 1965. [In Uzbek]

ZHENSCHINY MIRA [WOMEN OF THE WHOLE WORLD]. Issued by Mezhdunarodnaya demokraticeskaya federatsiya zhenshchin [Women's International Democratic Federation]. Berlin, vol. 8, 1965.

6. POLITICAL SCIENCE

AGITATOR [AGITATOR]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soyuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 33, no. 18, Sep. 1965.

- Table of contents translated:
Editorial: Party indoctrination of propagandists. p. 3.
Bardin, S. - Moral incentives to labor. p. 7.
Gus'kova, L. - An eminent master of propaganda; for the 90th anniversary of the birth of M. I. Kalinin. p. 11.
Chachin, V. - Reliable reserve of the working class. p. 16.
Dolbrin, F. G. - Young builders of communism p. 18.
Shilin, V. - Comrade lecturer. p. 19.
Tarasov, I. - Visiting with the shepherds in Susamyr Valley. p. 24.
Egorov, A. - Seminars in Kalinin. p. 27.
Akhmov, N. - On the local radio wave. p. 28.
Curriculum of a school for artists-illustrators. p. 31.
Mashenkin, P. - One can be proud of them! p. 34.
Anoldin, M. - In the club of a Cossack village. p. 35.
Drukanov, L. - Allegories? No, just tales! p. 37.
Gumarov, G., Mamedov, Sh. - Propagandist, talk about this. Sheep breeding is a remunerative undertaking. p. 40.
Potatoes, vegetables and fruit for the table of the working people. p. 43.
Esin, M. - Men skilled in flame processing. p. 45.
Fall in line with the thrifty; facts and figures. p. 48.
Karev, N. - The tragedy in Los Angeles. p. 50.
Sergeev, M. - Failure as expected. p. 53.
Alekseev, D. - Measure of firmness. p. 57.
Avant-garde of South Vietnamese patriots. p. 59.

ESTI KOMMUNIST [COMMUNIST OF ESTONIA]. Issued by Eestiina Kommunistliku Partei Keskkomitee [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 21, no. 9, Sep. 1965 [in Estonian]

KAZAKHSTAN KOMMUNISTI [COMMUNIST OF KAZAKHSTAN]. Issued by the Communist Party of Kazakhstan. Alma-Ata, vol. 44, no. 9, Sep. 1965 [in Kazakh]

KOMMUNIST [COMMUNIST]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Litvy [Central Committee of the Communist Party of Lithuania]. Vilnius, vol. 46, no. 7 (483), July 1965.

KOMMUNIST [COMMUNIST]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soюза [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 42, no. 14, Sep. 1965.

Table of contents translated:

Marxist-Leninist theory and the contemporary world. p. 3.

Fedoseev, P. - Dialectic of the development of socialism. p. 17.

Pannikov, V. - Urgent problems of agricultural science. p. 30.

Levada, I. - Cybernetic methods in sociology. p. 43.

Botarskii, A. - Quantitative analysis in economic research. p. 54.

Rabinovich, F. - The economic contract as a tool of socialist planning. p. 64.

Kabaievskii, Dm. - Beauty evokes goodness. p. 72.

Levin, I. - Leninist norms of party life. p. 88.

Figer, Leo. - The struggle of French Communists for genuine democracy. p. 99.

Stepanov, L. - Two policies. p. 108.

KOMMUNIST [COMMUNIST]. Organ of the Central Committee of the Communist Party of Kirghizia. Frunze, vol. 39, no. 9, Sep. 1965 [in Kirghiz]

KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol. 39, no. 8, Aug. 1965.

Table of contents translated:

Masharov, P. - Leadership style and the education of the rank and file. p. 2.

On current themes: The winter will ask: what has been laid in store in the summertime? p. 16.

Rachok, A. - Approach people individually. p. 20.

Goroshko, V. - The basis of mass cultural work. p. 26.

Geismovich, P. - Contemporaneity in the fine arts. p. 32.

The new in ideological work. p. 37.

Shnikov, O. - The main thing in technical progress is economic efficiency. p. 39.

Trubniko, N., Tsybul'ko, M., Mutalimov, M. - Apply the principles of material incentives. p. 44.

Trofimov, A. - Technical service on a collective farm. p. 50.

For the propagandist's notebook. p. 52.

Sergeev, I. - Model of the creative development of Marxism. p. 58.

Napreev, G. - The party committee and its press organ. p. 59.

Grigor'ev, B. - Such people we will not conquer. p. 64.

Davidluk, G. - Crisis of present-day bourgeois sociology. p. 69.

Vol. 39, no. 10, Oct. 1965.

Table of contents translated:

Plenum of the Central Committee of the CPSU. p. 2.

Convocation of the 23rd Ordinary Congress of the CPSU. p. 3.

Improving the administration of industry, perfecting the planning, and intensifying economic incentives in industrial production. p. 4.

Editorial: The Leninist way toward the victory of communism! p. 8.

To master Marxism-Leninism is the duty of each Communist. p. 14.

Saidkov, I. - The October in White Russia. p. 18.

He was beloved by the people. p. 24.

Lazynovich, V. - For fighting spirit in the primary party organizations. p. 28.

New in ideological work. p. 34.

Kolbenkov, N. - Leninist theory of socialist revolution and our times. p. 38.

Kuznecov, A. - An important stage. p. 42.

Zubets, V. - The leader of the revolutionary proletariat of Russia. p. 47.

Akimov, N. - The party of the Bolsheviks in the period of bourgeois-democratic revolutions. p. 51.

Kolosov, A. - To be called a Communist obliges. p. 56.

Kaputskii, F., Kandybo, A. - Preparation of scientific personnel in our Republic. p. 61.

Chigirlik, P. - Athletics at work. p. 67.

For the propagandist's notebook. p. 60.

Kovalev, A. - A book on the Bolsheviks of Polen'ye p. 74.

People, events, dates. p. 77.

KOMMUNIST ESTONII [COMMUNIST OF ESTONIA].

Issued by TSK Kompartii Estonii [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 21, nos. 8-9, Aug.-Sep. 1965.

KOMMUNIST MOLDAVII [COMMUNIST OF MOLDAVIA].

Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Moldavii [Central Committee of the Communist Party of Moldavia]. Kishinev, vol. 10, no. 8, Aug. 1965.

Table of contents translated:

Editorial: Reporting and elections in the party organizations of the Republic. p. 3.

Great Leninist ideological legacy. p. 9.

Kalabashkin, A. - Model of a creative development of Marxism. p. 11.

Bobelko, I. - The Communist organization of Bessarabia in the struggle for the buildup of a people's antifascist front. p. 17.

Maika, M. - Relation between the funds of accumulation and consumption on collective farms. p. 20.

Raise the level of organizational party work. p. 33.

Funkin, I., Sunin, M. - Efficient form of educational work. p. 43.

Sokolov, P., Diskunenko, I. - Cropland zoning should be determined on a scientific basis. p. 48.

Syrskova, S. - On what are the scientists working at the outpost. p. 54.

Vershinin, I. - Introduce mechanized accounting into the national economy more rapidly. p. 58.

Neretin, V. - Cultural life of the village Zaitzka. p. 61.

The socialist republic of Rumania is flourishing. p. 65.

Shilov, L. - The people of Vietnam will win. p. 68.

Zhilko, V. - Cranes rise over the village. p. 72.

Zavtur, A., Vasil'ev, N. - The village of Kopanka 20 years later. p. 75.

KOMMUNIST SOVETSKOI LATVII [COMMUNIST OF SOVIET LATVIA]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Latvii [Central Committee of the Communist Party of Latvia]. Riga, vol. 20, no. 8, Sep. 1965.

KOMMUNIST UKRAINY [COMMUNIST OF THE UKRAINE].

Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 40, no. 9, Sep. 1965.

Table of contents translated:

Editorial: Educate ideologically convinced, steady fighters for communism. p. 3.

Pospelov, P. - V. I. Lenin and the studies of party history. p. 11.

Matvilechuk, N., Nikolaenko, I. - Some problems in the development of the movement for communist labor. p. 23.

Fedan, V. - Strengthen the repair and maintenance base in villages. p. 33.

Gelmanets, M. - Fraternal cooperation between the Ukrainian S.S.R. and the socialist countries. p. 41.

Borodin, A. - Historical results and lessons of the Second World War. p. 53.

Belousov, Ia., Kataev, T. - Blooming Kazakhstan. p. 63.

Dzeverin, I. - Party ideology as an aesthetic category. p. 73.

Promote the wider distribution of books. p. 83.

KOMMUNIST UZBEKISTANA [COMMUNIST OF UZBEKISTAN]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, vol. 37, no. 7, July 1965.

Table of contents translated:

Editorial: Labor competition among the masses is spreading. p. 3.

A glorious landmark in the life of the peoples of the Soviet Baltic. p. 12.

Usmanov, S. - Important condition of the party's economic leadership. p. 20.

Khalidov, A. - In the struggle to overcome the difficulties. p. 30.

Tadzhibaev, A., Katamov, F. - The economics of collective farms should be known well. p. 36.

Popaduk, K. - National income of the Uzbek S.S.R. and the factors of its growth. p. 41.

Tiulenov, A. - School and family in the aesthetic education of children and juveniles. p. 46.

Azizov, A. - Improve the Russian language teaching in the national minority schools. p. 66.

Sulhanov, P. - Scientific foundations of socialist production planning. p. 64.

Anarov, A., Rudzianskii, D., Khandamov, M. - Fraternal amity between Uzbekistan and Kazakhstan. p. 73.

Rybalkin, V. - Economic cooperation of the socialist countries. p. 81.

Vasil'ev, E. - Faithful son of the party and the people, for the 80th anniversary of I. U. Akhmedbaev's birth. p. 88.

Abdurakhimov, A. - The Republic of Somali, an independent African state. p. 90.

Khatmukhamedov, M. - National traditions and customs. p. 93.

Inolotov, Kh., Zilaev, Kh. - Participation of the masses in the government of the state. p. 95.

Vol. 37, no. 6, Aug. 1965.

Table of contents translated:

Stepakov, V. - Master the great Marxist-Leninist theory. p. 3.

Editorial: Ahead to new successes in the development of science. p. 11.

Asamov, S. - Learning on the specialists. p. 18.

Sokolov, P. - In the struggle for overall mechanization. p. 25.

Makhamov, M., Khatamov, K. - Material and moral incentives in farming. p. 31.

Deslatchikov, B. - Qualification is a mighty lever in the development of the economy. p. 37.

Ruzibaev, T. - Raise the combativeness of primary party organizations. p. 45.

Pulatov, Kh. - The strength of example. p. 52.

Abdusamatov, Kh. - Cultural centers in the village. p. 58.

Stoliarov, D. - A genial creation of Lenin's thought, for the 50th anniversary of the publication of V. I. Lenin's article entitled "The slogan United States of Europe." p. 64.

Topical issues for the seminars on the economics of socialism. p. 69.

Maksumov, M. - Socialist legality and legal order should be strictly observed. p. 74.

Katamov, L. - The bard of the happiness of the Uzbek people, for the 80th anniversary of Akhmedbaev's birth. p. 81.

Egamberdiev, A. - Certain problems of population growth. p. 87.

Moiseev, B. - The Charyn hydroelectric power station complex. p. 91.

Bekhabov, V., Talybaev, S. - A work on the history of agrarian changes in Uzbekistan. p. 93.

Vol. 37, no. 9, Sep. 1965.

Table of contents translated:

Editorial: For a profound study of Marxist-Leninist theory. p. 3.

Reporting and electoral meetings of the party. p. 11.

Kosenkov, N. - Lenin's mandate to the young builders of communism. p. 19.

Undiminished attention to the machine picking of cotton. p. 27.

Zotov, I. - Farm electrification in Uzbekistan. p. 31.

Musaev, U., Zakirkhodzhaev, D. - Economy and thrift is the law of life of a collective farm. p. 36.

Vengerov, V., Vaks, P., Shukrov, A. - Convert state farms to full business accounting. p. 43.

Shalygin, A. - Provide the Communist Youth League with daily party leadership. p. 53.

Sergeeva, A. - Preparation and training of propagandists. p. 58.

Rasulov, S. - Raising the standard of the everyday life of the working people should become a permanent concern. p. 63.

Rasulev, M., Toporovskii, I. - Public food service is an important branch of cultural and personal services to the population. p. 71.

Zykov, V. - The North Atlantic Treaty Organization is a union of imperialist predators. p. 76.

Ponomarev, I. - People's Vietnam has been 20 years in existence. p. 81.

Litvak, L. - The Andizhan Reservoir. p. 85.

Makhmudov, E. - Utilize building machinery more effectively. p. 89.

Khasankhanova, M. - Distribution of commodity stocks in cooperative retail trade. p. 97.

Tursunov, Kh. - A collective work of historians. p. 99.

Nazarov, M., Landa, L. - History of socialist Tashkent. p. 102.

MEZHODUNARODNAIA ZHIZN' [INTERNATIONAL LIFE].

Published by Vsesoyuznoe obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy [All-Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, vol. 12, no. 10, Oct. 1965.

Table of contents translated:

Editorial: The echo of Vietnam in Geneva. p. 3.

Kudrinskii, V. - Collective colonialism and individual robbery. p. 9.

Temkin, Ia., Trush, M. - Problems of international politics in new V. I. Lenin documents. p. 16.

Hoang-van-Tien. - Stop the American aggression in Vietnam! p. 28.

Teplinskii, B. - "Regular" forces of the U.S. in Vietnam. p. 32.

Zhukov, V. - "An invisible state department." p. 43.

- Pechorkin, V. - A realistic path toward disarmament and the apologists of "escalation" p. 65.
 Maikov, M. - The Far East policy of the American aggressors p. 62.
 Kurina, A. - Newest forms of the ideological diversion of the imperialists. p. 72.
 Ur'tev, N. - European security and the German question. p. 82.
 Lavrichenko, M. - The U.S. expansion on the African continent. p. 92.
 Lopatin, I. - From a "quiet" summer to a stormy fall. p. 99.
 Israeli, V. - Research on the problems of foreign policy. p. 109.
 Rozenfel'd, M. - Guaranty of the rights won by the people. p. 115.
 Listov, V. - The "Armistice" Act. p. 116.
 Beneslavskii, D. - Happy birthday, Republic! p. 117.
 Serbin, A. - Beginning of the road. p. 118.
 Lapitskii, I. - Missionaries of neocolonialism. p. 119.
 Zil'inskiy, K. - The armament race and economics. p. 120.
 Kulakov, I. - Assemblage of ideological divergents p. 121.
 Bobrov, L. - The Bonn-Lisbon axis. p. 123.
 Zakharov, A. - "Our man in Europe" p. 124.
 International review. p. 131.
 Pollanskii, V. - The Marines, shock troops of the Pentagon. p. 143.
 Nikolov, A. - The new state of Singapore. p. 145.
 The situation of Negroes in the U.S.; behind the facade of the "free world." p. 147.
 Our dictionary. p. 149.
 Stupnikov, I. - Training of lecturers in White Russia. p. 149.
 The Potsdam Conference of the Leaders of the Three Great Powers. p. 151.

MOLODOI KOMMUNIST [THE YOUNG COMMUNIST].

Issued by Tsentr al'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soluzha molodezhi [Central Committee of the All-Union Communist Youth League of Lenin], Moscow, no. 8, 1965.

- Table of contents translated:
 Pollanskii, V. - Urgent duty. p. 1.
 Apresian, Z. - The work of our hands. p. 12.
 Lavashov, V. - Following an unsuccessful man. p. 20.
 Afanas'eva, T. - Do I like myself? p. 31.
 Vyshinskii, M. - Why did he get stuck in the routine work? p. 38.
 Lesokhin, I. - "Boys of an unprecedented revolution..." p. 46.
 Kireenko, I. - One kilometer from the city. p. 52.
 Kondratenko, A., Kutsev, G. - One kopek for culture. p. 60.
 El'iashev, Ed. - One day in the life of Stepan Sidorovich. p. 64.
 Malakhov, N. - Sins in the field of the "school." p. 70.
 Dush, I. - And the director is only 19... p. 74.
 Ivanov, A. - A diploma for an agricultural worker. p. 77.
 Brychkov, A. - Tied to the Fords. p. 82.
 Dunayevskii, A. - Who sent a telegram to Lenin? p. 88.
 Shityrlaev, V. - And another battle... p. 91.
 Derbinov, V. - A vicious circle. p. 94.
 Koklov, A. - The burning hearts of Africa. p. 103.
 Arkad'ev, V. - "Tommy," blood and rubber. p. 108.
 Kolpakov, V., Pugachev, V. - Second forever? p. 115.
 Samoilov, S. - Holy fathers enter life. p. 123.

No. 9, Sep. 1965.

- Table of contents translated:
 Kochukurov, A. - Interest in politics. p. 2.
 Kon, Igor'. - Assert yourself by action. p. 8.
 Rubtsov, N. - What should a Komsomol leader be like? p. 20.
 Rogatin, Boris. - Where does our time go? p. 30.
 Gorbunov, A. - He should be admitted... in the next two days! p. 33.
 Kochergin, P. - Is this bureaucracy? p. 34.
 Kakharov, A. - Can't it be done quietly? p. 35.
 Gardzhimurzaev, N. - I am against it. p. 37.
 Ermishin, I. - "Sunrise," a report. p. 39.
 Kulikova, Larisa. - And what will people say... p. 42.
 Verushkina, N. - Six crystal glasses. p. 50.
 Ambarsumov, E. - The strength of a class. p. 54.
 Vakh, Viktor. - The ability to be a commander. p. 60.
 Dolot, E. - A castle in the air is uninhabitable. p. 66.
 Boguslavskii, S. - The most important is to orient yourself. p. 73.
 Mazhaev, F. - Here, at the sacred monument... p. 76.
 Fedorov, A. - Flying over the treetops. p. 82.
 Krivov, T. - Commissar of the Soviet Republic. p. 87.
 Bazanov, M. - A man on a forest road. p. 90.
 Ter-Grigorian, A. - The alarm bell of the revolution. p. 94.
 A needle with a purple head. p. 96.
 Chasak, Stanislaw. - To the heart of everyone. p. 98.
 Kopylov, A. - A true guaranty. p. 100.
 Chervakov, V. - Business begins at the school desk. p. 105.

- Krasneninikov, A. - Encounters beyond the La Manche. p. 109.
 Mtkov, P. - A study in black. p. 111.
 Gorbunov, G. - Warm-hearted booklets. p. 117.
 Malakhov, N. - That which is dead cannot be revived. p. 123.

MOSCOW. *Isposhittel'nyi komitet. Biulleten'* [Executive Committee. Bulletin] Nos. 15(573)-16(574), Aug 1965.

NOVOR VREMIA [NEW TIMES]. Moscow, vol. 23, no. 40(1662), Oct. 1965.

- Table of contents translated:
 Editorial: In the interest of peace and progress. p. 1.
 Current events. p. 2.
 Sovremennik. - Anniversary of the World Federation of Trade Unions. p. 5.
 Ignat'ev, P. - Two trends in world trade. p. 7.
 Bochkarev, I. - Trends in Southern Arabia. p. 9.
 Freeman, Harry. - Indignation and bitterness of the black America. p. 12.
 Taurava, Talia. - Azerbaijan's progress. p. 16.
 Zhukov, V. - The "quiet American" returns to Saigon. p. 20.
 People and events: Amintore Fanfani; Katriel Katr. p. 21.
 International notes. p. 22.
 Gennadiyev, D. - A trip to the Devil's Bridge. p. 24.
 Rosen, V. - Success of a Moscow exhibition. p. 26.
 Shur, I. A. - How time is measured. p. 27.

Vol. 23, no. 41(1663), Oct. 1965.

- Table of contents translated:
 Current events. p. 1.
 Smolianskii, V. - The essence of the economic reform. p. 3.
 People and events: Modibo Keita, Abdul Rahman Al-Bazzaz. pp. 5, 14.
 What they are talking about on the East River. p. 6.
 Osipenko, N. - Integration: what next? p. 9.
 Military activity in Vietnam. p. 11.
 Vasil'ev, S. - On the eve of the Congress of Italian Socialists. p. 12.
 A. U. - The events in Indonesia. p. 15.
 Andronov, I. - From the early history of the India-Pakistan conflict. p. 16.
 Rothstein, Andrew. - The conference in Blackpool. p. 19.
 Gontonskii, S. A. - Panama demands justice. p. 22.
 International notes. p. 24.
 Pin, Albert. - There where the boundaries meet. p. 26.
 Vauin, L. - Manners of the "free world"; the Alpine "free trade zone." p. 31.

Vol. 23, no. 42(1664), Oct. 1965.

- Table of contents translated:
 Our comments. p. 1.
 Grishankov, I. - The military technological revolution and international security. p. 3.
 Lavergne, Bernard. - The evolution of Europe. p. 6.
 Efimov, P. - The world labor parliament. p. 8.
 Sidenko, V. - Experience of the Mali Republic. p. 9.
 Grakos, Aristos. - Calm before a storm; a letter from Athens. p. 10.
 Ralskii, B. - Pope Paul VI at the United Nations. p. 11.
 From the editor's mail. p. 13.
 Augusto, G. - The tragedy of Haiti. p. 14.
 Jimenez, H. - What is happening in Santo Domingo. p. 16.
 Aleksandrov, A. - Answers to readers' questions: The Communist Party of Cuba. p. 10.
 Zhukov, G. - Psychological warfare headquarters in Minato-ku. p. 20.
 International notes. p. 24.
 Berezhtkov, V. - Tents under olive trees. p. 20.
 Granin, Danil. - In the studio of the artist Durack. p. 29.
 People and events: Omar Oussedik; Zakhariya Mohi ed-Din. p. 30.

Vol. 23, no. 43(1665), Oct. 1965.

- Table of contents translated:
 Sovremennik. - We the people of the United Nations... p. 1.
 Americans are protesting; comments. p. 3.
 Kalo, V. - Causes of change. p. 4.
 Grigor'iants, A. - At the World Trade Union Congress. p. 7.
 People and events: Mikhail Aleksandrovich Sholokhov; Toru Nakagawa. pp. 8, 21.
 Voronov, A. - At the Iron Gates. p. 9.
 Trofimova, N. - The president of Italy visits Poland. p. 12.
 Bochkarev, I. - The removal of Tshombe and what ensues from it. p. 13.
 Ivanov, S. - Whose is the "new approach?" p. 14.
 Listov, V. - The situation in Uruguay. p. 15.
 Aleksandrov, G. N. - From the history of the Nuremberg Trial; notes of a prosecutor (to be continued). p. 16.

- History of the seven-year plan. p. 20.
 Zhukov, G. - An exhibition on the banks of the Amur. p. 20.
 Kudiyavtsev, V. - The Rhodesian knot. p. 22.
 Ellinger, J. - The neocolonialism of Bonn. p. 24.
 International notes. p. 25.
 Sidenko, V. - Encounters in Kampala. p. 28.

PADOMJU LATVIJAS KOMUNISTI [COMMUNIST OF SOVIET LATVIA]. Issued by Latvijas Komunistiskās partijas Centrālā Komiteja [Central Committee of the Communist Party of Latvia]. Riga, vol. 20, nos. 9-10, 8.p. - Oct. 1965. [In Latvian]

PARTIŅAIA ŽIŽŅŅ [PARTY LIFE]. Issued by Tsentr al'nyi Komitet Kommunisticheskoi partii Sovetskogo Soluzha [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 18, Sep. 1965.

- Table of contents translated:
 Editorial: The party group. p. 3.
 Zevin, V. - A mighty ideological weapon of the party p. 8.
 Svinarenko, A. - The designation "Communist" is blinding. p. 18.
 Shitarov, G. - The party as a leader of the Soviet people. p. 28.
 Mochevov, G. - Compete with the best. p. 38.
 Likhachev, A. - Initiative of a party group. p. 41.
 Minibkov, S. - The spirit of friendship. p. 43.
 Vorob'ev, G. - The duty of a specialist. p. 44.
 Tarasenko, N. - The Communists of a liner. p. 48.
 Akhmedov, K. M. - Diamond of a new work. p. 51.
 Leonov, P. - Verification and assistance as a single process. p. 53.
 Radontsev, A. - Guard and protect public property p. 62.
 Palenov, V. - Let us see the great in the small. p. 66.
 Rosman, V. - Let us find the "keys" to hearts. p. 69.
 Voronov, I. U., Petenko, F. - The increasing role of the Communist Party in the building of socialism p. 74.

No. 19, Oct. 1965.

- Table of contents translated:
 Report on the Plenum of the Central Committee of the CPSU. p. 3.
 Convocation of the regular 23d Congress of the CPSU. p. 4.
 Editorial: Perfecting the management of industry. p. 5.
 Chernyshev, V. - All-round development of the economy. p. 11.
 The work of the party organs in mobilizing, distributing and educating the managerial, engineering and technical personnel in the construction industry. p. 18.
 Onoskov, V. - Communists and production. p. 22.
 Rodionov, P. - Centralism and democratic principles in the party. p. 33.
 Polner, L. - Study experience. p. 41.
 Tsybikov, T. S. - A club for business meetings. p. 43.
 Kornov, E. - Utilizing sources of inexpensive feeds. p. 45.
 A worker of the party apparatus
 For creative approach to work. p. 50.
 Vorob'eva, A. - Help on the spot is most important. p. 56.
 Naumchik, V. - The opinion of the party group should be sought. p. 58.
 Kozhishin, S. - Details in the drafting of documents p. 59.
 Unpardonable indulgence. p. 60.
 Apremov, V. - About low-wide sledges... p. 63.
 Corvian, Luis. - Always with the masses. p. 64.
 Bob'ek, Bruno. - Raising the effectiveness of production. p. 70.
 Soslavin, M. - New agriculture should be developed on an economic basis. p. 73.
 An important theme. p. 76.

No. 20, Oct. 1965.

- Table of contents translated:
 Editorial: On the eve of party conferences. p. 3.
 Kokarev, A. - Toward a new economic upsurge. p. 8.
 Tikanov, V. - Guarding public order. p. 16.
 Svecnikov, P. - How ideological convictions are formed? p. 22.
 Rumiantov, A. F. - Leninist principles in economic management. p. 33.
 Kreslavskii, G. - Beginning an attack. p. 42.
 Udeovich, D. - Wise measures. p. 47.
 Vasil'ev, A. - The right to verify. p. 50.
 Borisov, S. - Communists of the Far North. p. 51.
 Nesterov, N. - Take care of the trade union personnel. p. 56.
 Posing as the offended. p. 59.
 Kirpichenko, N. - About satire and the honor of labor. p. 60.
 Ellisev, P. - Activities and needs of people's universities. p. 61.
 Sergeev, K. - The district committee reacted... p. 64.

- Ishchenko, D. - That's no answer to criticism. p. 66.
 Petrenko, F. - Consolidate the best collective farm traditions. p. 67.
 Mikhailov, A. - Experienced leader of the Korean people. p. 69.
 Portnoi, S. - Pages of friendship. p. 73.
 Morozov, K. - The factory "Beacon" is speaking. p. 75.

PARTINAIJA ZHIZN' [PARTY LIFE] Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, vol. 6, no. 8, Aug. 1963.

- Table of contents translated:
 Editorial: Bring ideological work to the level of new tasks. p. 3
 Khalimukhamedov, M. - Party and people are indivisible. p. 9
 Zaidov, M. - We are carrying out the suggestions of the Communists. p. 15.
 Muradov, N. - Constant attention to the everyday needs of people. p. 19.
 Tursunov, Kh. - The main thing is to organize the job. p. 23.
 Madzhidova, N. - An important link in ideological work. p. 27.
 Seleznev, P. - A word on the propagandist. p. 31
 Rakhmanov, A., Madrakhimov, N. - Great offensive strength. p. 33.
 Rakhmatullayev, G. - School and family. p. 36.
 Mukhlidinov, M. - Visual propaganda is an effective weapon. p. 39.
 Saradzheva, N. - The secretary of the party committee. p. 42
 Ashkarov, I. - In the avant-garde. p. 47
 Korsunskii, L. - A restless character. p. 49.
 Tukhtamyshev, U. - Always with people. p. 51
 Kudriatsev, V. - The party committee works in the old fashion. p. 53.
 Be ready for machine picking of cotton in model fashion. p. 57.
 Solianko, G. - Growth potential of making feeds. p. 60.
 Eshev, E. - Grain in the corn bins of the country. p. 64.
 Toropchin, E. - On the battlefield. p. 65.
 Bol'shakov, V. - They are concerned with everything. p. 69
 Chubov, P. - Communists of a shop. p. 72.
 Shukirov, B. - They have reached a new frontier. p. 74
 Siddikov, Sh. - The beauty of a village. p. 76.
 Ulugdzhanov, N. - Forgotten spot. p. 78.
 Muradov, N. - What was hidden behind the false reports. p. 80

Vol. 6, no. 9, Sep. 1963

- Table of contents translated:
 Editorial: Study the Marxist-Leninist theory thoroughly. p. 5
 Radzhabov, R. - The great decade. p. 9.
 Titkov, I. - In the struggle to increase labor productivity. p. 16.
 Kirgizbaev, D. - The main thing in the work with youth. p. 21.
 Narkuzeyev, S. - The principles of the participation of the general public in the work of the soviets. p. 25.
 "The Lenin Fridays." p. 28.
 Rudzinskiy, D. - Brothers of a single family. p. 29
 Faiziev, R. - Be always amidst the people. p. 33.
 Kadyrov, I. - For stronger ties between school and life. p. 37.
 Dragimov, R. - The club is the center of cultural mass work. p. 40.
 Yolebuev, N. - Raise the ideological level of the school work. p. 42.
 Radzhabov, IA. - How we organize independent study. p. 44.
 Aliev, A. - Political organizers. p. 46
 Zakharov, V. - Lean on the activists. p. 49
 Sindarov, K., Tutchlev, A. - We shall complete cotton picking in an organized fashion. p. 52.
 Esin, A. - We are ready to receive the harvest. p. 54.
 Iakovenko, E. - Welcome mat for machinery. p. 55.
 Radzhabov, F., Khakimov, A. - The future of the Karshi steppe. p. 57.
 Vladimirov, K. - In good time. p. 60.
 Reipnazarov, Kh. - We support the new and advanced. p. 65.
 Seminar of the secretaries of party organizations functioning in production administrations. p. 67.
 Khodzhayev, A. - With the help of the public. p. 68.
 Nedel'kin, M. - Act together. p. 70.
 Mamedov, I. - Always on the alert. p. 71.
 Zheltoy, P. - Concerns of a trade-union committee. p. 72.
 Karaseva, M. - Conscience of a working man. p. 77.
 Shifanov, K. - The builders will keep their word. p. 77.
 Kudriakov, V. - In the right direction. p. 80.
 Tashbekov, A. - The contribution of the farmers. p. 83.

- Babadzhanov, A. - Restless heart of a communist. p. 84
 Ulugdzhanov, N. - A party organization without action. p. 86.

PARTINAIJA ZHIZN' KAZAKHSTANA [PARTY LIFE OF KAZAKHSTAN]. Issued by Tsentral'nyi Komitet KP Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol. 35, no. 8, Aug. 1965.

- Table of contents translated:
 Editorial: A communist is an ideological fighter. p. 3
 Zhangel'din, T. - The party's concern for the teachers. p. 8.
 Abishov, S. - Harvesting is in the front line. p. 14.
 Audiev, S. - Our principal wealth. p. 17.
 Morozov, A. - Science's contribution to agriculture. p. 20.
 Bogdanov, A., Beksitov, K. - Party committee and shop organizations. p. 25.
 Liakhov, V. - Rigidly observe the Statute of the CPSU. p. 28
 Adamova, G. - On the right path. p. 31.
 Khusainova, S. - Problems of the treasure peninsula. p. 35.
 Kunin, V. - Improve the supplying and marketing. p. 38.
 Naumenko, V. - In deep slump. p. 41
 Lugovoi, G. - But things are as they were. p. 42.
 Temnikov, D. - To form life from what? p. 45.
 Oleinikov, V. - Always on the watch. p. 49.
 Ponomarenko, N., Konstantinov, P. - Use the results of sociological research in practical party work. p. 52.
 Goriacheva, A., and others. - The word of Leninist truth, a chronology of the dissemination of V. I. Lenin's works in pre-revolutionary Kazakhstan. p. 58.
 Ablakova, R. - Everyday life of a village soviet. p. 63
 Zlobin, D. - A school of production management. p. 65.
 Baimuratov, K. - Going the nonconformist way. p. 67.
 Ryskal', V. - Awarding bonuses to party workers. p. 70.
 Shtagin, N. - In the fight for Soviet rule. p. 72.
 Isachenko, G. - At the sources of the grain stream. p. 76.

POLITICHESKOE SAMOOBRAZOVANIE [POLITICAL SELF-EDUCATION]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soyuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 8, no. 10, Oct. 1965.

PROBLEMY MIRA I SOTSIALIZMA [PROBLEMS OF PEACE AND SOCIALISM]. Prague, vol. 8, no. 10 (86), Oct. 1965

SOVETY DEPUTATOV TRUDIASHCHIKHSIA [SOVIETS OF WORKERS' DEPUTIES]. Issued by the Newspaper "Izvestia." Moscow, no. 10(100), Oct. 1965.

TURKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, vol. 40, no. 8, 1965 [in Turkmen]

UZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. Issued by the Central Committee of the Communist Party of Uzbekistan. Tashkent, vol. 37, no. 9, Sep. 1965. [in Uzbek]

7. LAW

- LENINGRAD. TSENTRAL'NYI NAUCHNO-ISSLEDOVATELSKII INSTITUT MORSKOGO FLOTA, Informatsionnyi sbornik. [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE, Information Bulletin]**. No. 119, 1963. Morskoe pravo i praktika [Maritime Law and Practice], no. 23.
 Table of contents translated:
 Khodunov, M. E. - Legal regulation of shipping by direct carriage by various means of transportation. p. 3.
 Aleksandrova, K. I. - Errors in navigation and management under Soviet maritime law. p. 10.
 Egorov, L. M. - Errors in navigation and management under foreign law. p. 17.
 Protopenova, N. I. - Survey of French judicial and arbitration practices concerning salvage and assistance at sea cases. p. 23.
 Holland, Selections from its Commercial Code. p. 32.
 From the practices of the State Arbitration Agency attached to the Council of Ministers of the U. S. S. R. p. 60.
 From the practices of the State Arbitration Agency attached to the Council of Ministers of the R. S. F. S. R. p. 63.

- From the practices of the State Arbitration Tribunal attached to the Executive Committee of the Moscow Soviet of Workers' Deputies. p. 66.
 From the practices of the Arbitration Tribunal of the Ministry of the Merchant Marine. p. 67.
 From the practices of the Maritime Arbitration Commission. p. 70.
 Foreign judicial practices.
 England. p. 74.
 France. p. 77.
 Farin, N. A. - Results of the Regional Conference of Cargo and Management Officers of the Baltic State Merchant Marine. p. 80.

OTVECHAE NA VOPROSY RABOTNIKH I SLUZHASHCHIKH, iuridicheskie konsultatsii Profizdata [ANSWER WORKERS' AND EMPLOYEES' QUESTIONS, Legal Advice from the Trade-Union Publishing House]. Moscow, no. 12, 1965

RADIANS'KE PRAVO [SOVIET LAW]. Organ of Verkhovnyi sud URSR [Supreme Court of the Ukrainian S. S. R.] and others. Kiev, vol. 28, no. 6, Sep. 1965

- Table of contents translated:
 Stolyanuk, M. - The public is the prop of local soviets. p. 3
 Sidanko, R. - The establishing of facts having legal effect. p. 7
 Myshynenko, V. - Improve the forms and methods of party-state control. p. 14.
 Shyshlov, I. - The work of inspection committees requires serious attention. p. 18
 Buriak, M. - Personal service facilities in the village. p. 21
 Hekov, V. - Work experience of comrades' courts of Kherson Province. p. 23
 Bryzhalov, V., Klymenchuk, V. - Participation of the community in the reeducation of juvenile delinquents. p. 27
 Puzhnykov, P. - Always at the post. p. 30
 Roiznytskiy, A. - Volunteer aides of an investigator. p. 32
 Hornichenko, A. - The manufacture of goods not accounted for is a crime. p. 36.
 Lopushanskyy, F. - Crime prevention and unsettled problems of criminal procedure. p. 39
 Korot', M. - The investigation of the procurator and the Ministry for the Protection of Public Order should operate in the same precincts. p. 42
 Eremenko, V., Dem'achenko, V. - The work of the investigators of Zaporozhye Province on the precinct system. p. 44
 Mykhlenko, M., Shaposhnikov, V. - Improve the work of the procuracy in the prevention of juvenile crime. p. 46
 Chertkov, R. - Specific aspects of the transmission of certain matters to be decided by comrades' courts. p. 51
 Popov, V. - Legal effect of the formulation of a technological innovation. p. 54.
 Tkachenko, V. - The finding that a person is an especially dangerous recidivist must be well grounded. p. 55
 Bagynskiy, M. - Perfecting the system of penalty clauses in economic contracts. p. 60
 Rekechynskiy, M. - The need of uniform rules of procedure for the review of property litigations up to 100 rubles. p. 64
 Berezhnikov, M. - Release on parole or probation should be an effective means of reeducation of convicted persons. p. 67.
 Rudyk, S. - Increasing the qualifications of court and notarial office workers. p. 69
 Makarenko, K. - From the work experience of a court executor. p. 71.
 Kuznetsova, V. - Certain problems in notarial practice. p. 73.
 Liakhovych, O. - Make better use of the strength of public influence. p. 75.
 Hretskiy, F. - Legal counsel and law observance. p. 79.
 Brodskiy, A. - Distinguishing characteristics of the criminalistic investigation of similar signatures of namesakes. p. 80
 Kozelskiy, O. - An advocate is a public worker. p. 84.
 Marchenko, D. - Participation of advocates in the prevention of law violations. p. 85
 Vainshteyn, N. - Family Code of the German Democratic Republic. p. 88
 Hanusetskiy, O. - Dangerous "practices" of the Bonn revanchists. p. 92
 From the judicial practice of the Supreme Court of the Ukrainian S. S. R. p. 94.
 Practices of procuratorial supervision. p. 100
 Arbitration practice. p. 102
 Legislative enactments. p. 105
 From the meetings of local soviets. p. 108.
 State Arbitration Agency. p. 109.
 In the Procuracy of the Ukrainian S. S. R. p. 111

RUSSIA (1917- R. S. F. S. R.) Verkhovnyi Sovet, Vedomosti [Supreme Soviet, Gazette]. Moscow, vol. 9, nos. 37(363)-39(365), Sep. 1965.

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sud, Bulletin' (Supreme Court, Bulletin), Moscow, no. 9, 1965.

RUE

Table of contents translated.

- Adoption of the instruction on the procedure for computing wages for educational personnel p. 3.
- Procedures for paying wages to workers transferred to new wage systems in individual production (workshops), shops and sections included in the budget of the organizations, institutions, and enterprises of education, public health, housing and communal services, trade, and public dining, as well as other branches of the national economy directly serving the population p. 29.
- Procedure for increasing the minimum wage amount to 40-45 rubles per month in all branches of the national economy p. 31.
- Introducing amendments and supplements to the standard regulation on the piecework-bonus and hourly-bonus wage systems to workers of wood-pulp-paper industry enterprises, and enterprises manufacturing soft roofing p. 32.
- Assigning the administrative personnel of chemical industry enterprises under construction to managerial, engineering and technical wage groups p. 34.
- Supplement to the criteria for assigning electric power industry enterprises and organizations to managerial, engineering and technical wage groups p. 34.
- Establishing supplements to the wages in lieu of per diem and lodging allowances for agronomists of the operating organizations of water resources management, whose work requires travel p. 35.
- Awarding bonuses to grain product industry workers for speeding-up the loading and unloading of grain from the cars p. 36.
- Supplement to the regulation on issuing bonuses to the managerial, engineering and technical workers and employees of collective farm fishery organizations p. 42.
- Supplement to the list of workers' occupations entitled to bonuses in cotton picking stations p. 42.
- Establishing standard administration structures and the number of engineering and technical workers and employees for enterprises engaged in the primary processing of raw hides p. 43.
- Transferring the lumber enterprises of the regional economic councils of the R.S.F.S.R. and Main Forestry Administration of the R.S.F.S.R. to a seven-day week p. 49.
- Amendments and supplements to standard branch norms for issuing free work clothes, work shoes and protective devices p. 50.
- Allowing the junior medical service staff, as well as workers of public health, social security, preschool institutions, schools, boarding schools of all types, tourist bases, camps, boarding houses, and rest homes to hold several jobs simultaneously in the same institution p. 54.

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sovet, Vedomosti (Supreme Soviet, Gazette), Moscow, vol. 28, nos. 39 (1281)-39 (1282), Sep.-Oct. 1965.

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sud, Bulletin' (Supreme Court, Bulletin), Moscow, no. 4, 1965.

- Table of contents translated.
- Communiqué on the ordinary Plenum of the Supreme Court of the U.S.S.R. p. 3.
- Decision No. 5 of the Plenum of the Supreme Court of the U.S.S.R. of July 20, 1965, entitled "Court procedures to determine the restitution of rights according to lost documents made out to bearer, public notice proceedings." p. 7.
- Decision No. 6 of the Plenum of the Supreme Court of the U.S.S.R. of July 20, 1965, entitled "Amending the decision of the Plenum of the Supreme Court of the U.S.S.R. of August 4, 1950, No. 14/10A entitled "Judicial practice in matters of recovery of alimony for the maintenance of children." p. 8.
- Decisions of the Plenum of the Supreme Court of the U.S.S.R. in specific cases p. 10.
- Rulings of the Court Collegium on Criminal Matters of the Supreme Court of the U.S.S.R. p. 17.
- Rulings of the Military Collegium of the Supreme Court of the U.S.S.R. p. 24.
- Conference of the presiding judges of the court collegia on criminal matters p. 27.
- Consultants' seminar on the judicial statistics of the supreme courts of the Union Republics p. 28.
- In the Scientific Consultation Council attached to the Supreme Court of the U.S.S.R. p. 30.
- Some suggestions to improve the judicial system p. 30.
- V. P. Antonov-Saratovskii; obituary p. 35.
- Guests from India p. 36.
- A trip of Soviet lawyers to the German Democratic Republic p. 38.

Ten days in the Hungarian People's Republic p. 10.

Plenum of the Supreme Court of the Ukrainian S.S.R. p. 42.

Plenum of the Supreme Court of the Turkmen S.S.R. p. 43.

Plenum of the Supreme Court of the Lithuanian S.S.R. p. 43.

In the Supreme Court of the Ukrainian S.S.R. p. 44.

Grun, A. - Imposition of punishment in cases of compound offenses p. 45.

SOTSIALISTICHESKAYA ZAKONNOST' [SOCIALIST LEGALITY], Organ of Prokuratura SSSR and Verkhovnyi Sud SSSR [Office of the Public Prosecutor of the U.S.S.R. and the Supreme Court of the U.S.S.R.], Moscow, vol. 42, no. 8 (1117), Aug. 1965.

- Table of contents translated.
- Round table of the periodical "Sotsialisticheskaya zakonnost'" Effectiveness of punishment p. 2.
- Karpenko, M. - Improve the style and methods of work of the organs of the procuracy, the court, and the police p. 7.
- Michurin, A. - After all, behind the complaint there is a living person p. 11.
- Gretskii, F. - The struggle for quality production p. 15.
- Palushin, V. - Participation of the public in the determination of civil cases p. 18.
- Belarskii, A. - This strengthens the feeling of personal dignity in people p. 22.
- Isakov, B. - Improve the organizational structure and thoughtfully utilize the personnel of the organs of the procuracy p. 27.
- Kolmakov, V., Avotskoi, L. - Conclusions of expert testimony should be correctly used in both the preliminary investigation and the trial court examination p. 31.
- Mallarov, M. - Procuratorial supervision in the U.S.S.R. p. 34.
- Zyblinski, V. - Basic objectives of scientific research on procuratorial supervision p. 37.
- Katev, D., Sorokina, V. - Methodology of conducting a course on the subject "Procuratorial supervision in the U.S.S.R." p. 38.
- Alekseev, N., Meshala, V. - Criminal inquiry on sea vessels p. 43.
- Ribik, K. - Was there really no investigator? p. 48.
- Gavrilov, A. - Strengthening the tie between practice and science p. 50.
- Tamarskii, V., Boronov, A. - Prisoners on circumstances causing criminal acts p. 52.
- Elizavov, A., Kaplan, I. - A valuable and useful undertaking p. 54.
- Alekseev, M. - Investigator and court have no right to make mistakes p. 55.
- Tubnikov, P. - Preparation of civil cases for court determination p. 58.
- Volod'ko, N. - Prevention of thefts of waste materials during their storage and processing p. 62.
- Pokrovskaya, M. - Legal regulation of women's labor in the Democratic Republic of Vietnam p. 64.
- Kramarov, V. - Delegation of Soviet judges in the German Democratic Republic p. 68.
- Kilzakov, A., Anokhin, I. - With the people and for the people p. 70.
- New laws p. 81.
- Practices of procuratorial supervision p. 84.
- Issues involved in the delivery of sugar; from the practice of the Government Arbitration Agency p. 89.
- Consultation p. 90.
- Bogatkov, D., Ivanov, N., Ignatiev, A. - G. Anashkin's "Responsibility for treason and espionage." p. 93.
- Konina, N. - N. Malen'ko's "Compensation for injury caused to a person." p. 94.
- Liakhovich, O. - Fruits of ignorance of the law p. 96.

Vol. 42, no. 9 (1118), Sep. 1965

- Table of contents translated.
- The procurator as criminalist p. 2.
- Makarova, N. - People's courts p. 8.
- Enhance the role of the court collegia of province and territory courts p. 11.
- Stepichev, S. - Is a record of the sentenced needed? p. 14.
- Kuznetsov, V. - General supervision over law observance p. 19.
- Ianovskii, I. A. - Against unlawful dismissals p. 20.
- Il'inskaya, I., Lennikain, L. - Representation in court p. 31.
- Karpeta, I. - Raise the level and effectiveness of scientific research p. 35.
- Danchenko, N., Bolinskii, E. - Damage compensation by brigades in retail trade having property liability p. 42.
- Kydrin, S. - Conditional sentence and its educational meaning p. 45.
- Mikhailov, V. - Sharpened hearing p. 47.
- Khlonid, I. - A procurator prevents thefts p. 48.
- Improve the system of retraining of procuratorial investigative personnel p. 55.

- Klimov, V. - Raise work qualifications by every means p. 57.
- Iakubov, M. - By joint efforts p. 60.
- Lebedev, A. - Why not study the fundamentals of Soviet law in school? p. 61.
- Nepomniashchii, V. - Unsettled problems of judicial practice in juvenile matters p. 61.
- Sotkin, L. - The investigator as organizer of preventive work among juveniles p. 63.
- Ignatov, I. - Everyone should take an interest in the education of adolescents p. 63.
- Kanovskii, L., Banin, B. - A volunteer detachment p. 64.
- Petukhov, V., Sizov, V. - A good initiative deserves a passport to life p. 65.
- Reznikov, M. - Raising work qualifications p. 67.
- Norenko, N. - Correct assignment and training of personnel is a guarantee of success in work p. 68.
- Landshev, N. - Special characteristics of on the scene inspection when the accident occurred under water p. 70.
- First five years of the university of legal knowledge p. 73.
- Kazhin, G. - A delegation of Soviet lawyers in the Hungarian People's Republic p. 74.
- In the Supreme Court of the U.S.S.R. p. 77.
- Council on Methodology of the Procuracy of the U.S.S.R. p. 80.
- In the supreme courts and procuracies of the Union Republics p. 81.
- Tsederbaum, I. U. - Pension payments to retirees holding jobs p. 83.
- From the practice of procuratorial supervision p. 86.
- Lut'e, S. - New rules for the acceptance of producers' and consumers' goods p. 89.
- Shchemileva, O. - I. S. Diele's work entitled "Soviet law and the ethical code of the builders of communism." p. 91.
- Larin, A. - V. Aksenov's work entitled "Problems of the general theory of judicial evidence according to Soviet criminal procedure." p. 92.
- The book entitled "The life of an enterprise and Soviet laws." p. 94.

SOVETSKAYA IUSTITSIA [SOVIET JUSTICE], Issued by Ministerstvo Iustitsii and Verkhovnyi Sud RSFSR (Ministry of Justice and the Supreme Court of the R.S.F.S.R.), Moscow, vol. 28, no. 16, Aug. 1965.

- Table of contents translated.
- Improve by every possible means the education and training of court executors and court office workers p. 1.
- Judicial practices in cases of reinstatement in employment p. 4.
- Krakhmal'nik, L. - Responsibility for the evasion of corrective labor p. 8.
- Koneev, I., Ivanov, S. - Cases awaiting determination by comrades' courts shall be prepared with care p. 10.
- The court of the people is a just court p. 11.
- Kalpin, A. - Admissibility of evidence under civil procedure p. 12.
- Dashkevich, I. - Improve the structure of state arbitration p. 51.
- Koneev, S. - The meaning of the term "family members" in housing law p. 17.
- Kuznetsov, A. - Qualification of hooliganism marked by exceptional cynicism and effrontery p. 20.
- Sakharov, A. - Alcohol and juvenile delinquency p. 22.
- Kaliaev, A. - Control of the quality of the performance of advocates p. 24.
- Bozovinskikh, N. - Legal counseling in our plant as a community service p. 26.
- Decree of the Presidium of the Supreme Soviet of the R.S.F.S.R. additionally amending and supplementing the Civil Code of the R.S.F.S.R. p. 27.
- Arbitration practice p. 32.

Vol. 28, no. 17, Sep. 1965.

- Table of contents translated.
- To review means to assist and to train p. 1.
- Ivanov, I. U. - Preliminary investigation ensures the performance of the educational role of courts p. 4.
- Slavtseva, A. - Labor litigations under direct jurisdiction of courts p. 6.
- Khomovskii, A. - Altering measures of a medical nature ordered by the court p. 8.
- Klimanova, A. - Practices of notaries in the attestation of true copies of documents p. 10.
- Vasilova, E. - Remove the shortcomings in the determination of divorce cases p. 12.
- Aggression by the U.S.A. or "pacification" the American way p. 14.
- Rashkov, R. - Revolutionary justice guarding the achievements of the Vietnamese people p. 16.
- Belavova, A. - Civil law consequences of acts of minors p. 19.
- Vladimirov, V. - The significance of property damage for the qualification of offenses against the personal property of citizens p. 21.
- Bukvalov, P. - In the people's court of a rural district p. 23.

- Dement'ev, V. - In our comrades' court. p.24.
 Tatarkin, V. - Prolong the life of reference books p.26.
 Tkachev, D., Vinogradov, P. - Procedures for the execution of the decisions of state arbitration agencies need to be revised p.29
 Readers about their periodical p.30
 Our replies to questions p.32.

SOVETSKOE GOSUDARSTVO I PRAVO [SOVIET STATE AND LAW]. Organ of Institut gosudarstva i prava Akademii nauk SSSR [Institute of State and Law of the Academy of Sciences of the U.S.S.R.], Moscow, vol.35, no.9, Sep.1965.

- Table of contents translated
 Piskotin, M.I., Tikhonov, I.U.A. - Improvement of the organization and operational methods of the state administrative apparatus p.3
 Savenkov, N.T. - Elevating the role of the organs of the district soviets p.12
 Bashmikov, G.S., Kolbasov, O.S., Krasnov, N.I. - Problems of farm land utilization p.21
 Kalinychev, F.I. - Ideas of the First Russian Revolution on politics and law p.30
 Baru, M.I. - Legal aspect of labor relations and vocational training p.40.
 Savitskii, V.M. - Guarantees of the right of an innocent person to rehabilitation under criminal procedure. p.48
 Mozhorian, L.A. - American doctrines of pillage and plunder: From Monroe to Johnson p.57
 Kallits, I., Laumets, A.A., Shneider, Kh.Kh. - A study of the activities of deputies using a concrete sociological method. p.65
 Genkin, D.M. - Legal status of a state socialist enterprise. p.71
 Tikhonov, I.A., Godes, A.B., Gurin, L.E. - Increasing the economic effectiveness of a socialist enterprise p.79.
 Sedanov, K.I. - Arbitration practice in litigations resulting from ocean freight shipments p.88
 Ostroumov, S.S., Chugunov, V.E. - Criminal personality study based on materials of criminological research p.93
 Shlapochnikov, A.S. - Setting up a centralized criminal file p.102.
 Kondashkov, N.N. - Statistical record and analysis of facts pertaining to persons who committed criminal acts. p.107
 Iasinskii, G.M. - Procuratorial supervision at the stage of inquiry and preliminary examination p.113.
 Beliyavskii, A.V. - Protection of honor under civil law. p.116
 Ivanovskii, M.V. - Legal effect of the resolutions of the General Assembly and the Charter of the United Nations p.120
 Bondarev, I.I. - Current problems in notarial practice p.125.
 Solov'ev, A.S. - Court examination of dismissal cases. p.129.
 K.N. - A discussion of the problems of local self-government in the U.S.S.R. p.133.
 Khomovskii, A.A. - Problems of jurisprudence and psychiatry p.135.
 In memory of G.M.Sveidlov. p.137
 Liability of retail organizations for the defective quality of goods being sold p.138
 Strengthen the role of arbitration in the struggle for the safety of socialist property during deliveries. p.140
 Supplemental provisions to the Special terms for the delivery of lumber products and prefabricated houses. p.142.
 Topical plan for the study of Marxist-Leninist theory of state and law. p.143
 Denisov, A.I. - A needed and useful book. p.144.
 Landkof, S.N. - A study of legal problems related to an expanded utilization and increasing growth of inventor's proposals p.146
 Dulev, A.V., Kalinkovich, L.N., Porubov, N.I. - The use of experiment in criminal procedure. p.148.
 Lazarev, M.I. - A book entitled "Contemporary international law, collection of documents." p.149.
 Koltasov, O.S. - Peiko S. Slainov's "Regulation of the party control of international rivers in international law." p.151.
 New legal literature in the U.S.S.R., June-July 1965. p.153.
 Briefly on the authors of fundamental articles p.156.

8. EDUCATION

a. GENERAL

DOSHKOLOVOE VOSPITANIE [PRESCHOOL EDUCATION]. Issued by Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R.S.F.S.R.], Moscow, vol.35, no.8, Aug. 1965.

- Table of contents translated.
 What have they learned in a kindergarten, p.2,

- TSypina, I. - Training in interpersonal relations. p.5.
 Teterukova, L., Kuz'mina, E. - Let's teach them to work. p.6.
 Nilolaeva, E. - We ourselves make the toys. p.12.
 Frukht, E. - Dramatizations for tots. p.13.
 Temkina, V., Fomina, N. - Sensory education. p.18.
 Chistiakova, L. - Play methods in class. p.20.
 Umanski, L., Shiflyna, Z., Shubovannala, T. - Training in activity. p.24.
 Bordichenko, E. - Children's activities in the course of the educational process. p.28.
 Zaderatskaya, V. - Constructions built by tots. p.30.
 First seven years of a child. p.34.
 Gol'dfarb, B. - Child is at your side. p.35.
 Nemytskaya, V. - Seven years of life is a great deal. p.39.
 Budova, Mariia. - Deep layer. p.41.
 Finkel'shtein, R. - Let's talk about the dialyses. p.54.
 Bol'shakina, N. - Difficult children. p.56.
 Vintovkina, I. - Enterovirus infections. p.58.
 Gavrilg, I. - Don't raise windbags. p.61.
 Peli ova, M. - Parents' authority. p.64.
 Mostafinski, S. - Perhaps our ways might be useful. p.66.
 Kaplan, N. and R. - There are no tiffos here. p.67.
 Iainberg, S. - From the office of a psychoneurologist. p.68.
 Sosnovskii, I. - This is interesting to know. p.70.
 Teltunov, V., Bender, A., Gennings, E. - Stories about nature. p.71.
 Binkina, E. - Best profession in the world. p.80.
 Leneyva, T. - In our group. p.82.
 Lenskii, V. - Let's introduce community control over the building of kindergartens. p.83.
 Zorostrova, E. - Methodological study room in a kindergarten. p.84.
 Melnikova, T. - Conference of the preschool workers. p.86.
 In the Ministry of Education of the R.S.F.S.R. p.86.
 Knapitsova, T. - Coeval of October. p.87.
 Svetlov, V., Ivanov, V. - What the periodicals "Wykhowanie w przedszkolu" and "Ovodni noveis" write about. p.90.
 Elenha, K. - This is how we play. p.94.
 Razova, V. - They take part in our discussion. p.103.

KUL'TURNO-PROSVETITEL'NAIA RABOTA [CULTURAL AND EDUCATIONAL WORK] Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.] Moscow, vol.26, no.9, Sep. 1965.

NACHAL'NAIA SHKOLA [PRIMARY SCHOOL]. Issued by Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R.S.F.S.R.], Moscow, vol.33, no.7, July 1965.

- Table of contents translated:
 Thorough and lasting knowledge for all students. p.3.
 Kondashov, V.N. - Composite rural Pioneer detachment. p.6.
 Slatskaya, T.S., Krivova, A. - Aesthetic training in the course of the educational process. p.8.
 Kosareva, A.V. - Inculcating the love of agriculture. p.17.
 Emel'rieva, E.D. - Eloquent reading of fairy tales. p.19
 Popova, I.A. - Differentiated teaching of arithmetic in the 1st grade. p.20.
 Svellovskaya, N.N. - Some unsolved problems of extracurricular reading. p.34.
 Rybaltov, F. - List of children's literature. p.41.
 Alekseev, A.N. - Athletic training in history classes. p.44.
 Domidova, A.P. - Apple nursery in a school. p.49.
 Gukasova, A.M. - Independence during work training. p.52.
 Sitenov, V.A. - Students observing nature and work. p.57.
 Rozhdestvenskii, N.S. - Elementary grammar course. p.63.
 Safronov, L.P. - Continuity between the elementary and secondary links of education. p.68.
 Zavadskaya, V.N. - Working with the parents of six-year-old children and first graders. p.70.
 Elmanova, O. - Do you visit your students' families? p.71.
 Tikhonova, S.M. - How I work with parents. p.72.
 Samsonova, A.G. - Parents' meetings of individual classes. p.73.
 Konnova, I.P. - How to organize homework. p.74.
 Shamaeva, S.E. - University for parents. p.75.
 Ostrikova, N.E. - Work of a parents' committee. p.76.
 Osipova, E.A. - Working with parents in a small school. p.77.
 In memory of E.I.A. Fortunatova; obituary. p.78.
 Slavkovskaya, E.I. - Let's bring the teaching of the spoken language closer to life. p.79.

- Koslovskaya, N.V. - Some causes of speech errors. p.83
 Zhdobol'tinov, M.A. - Moral and volitional traits character. p.86.
 Brinova, K. - One day in an elementary school. p.94.
 In the Ministry of Education of the R.S.F.S.R. p.96.

Vol.33, no.8, Aug.1965.

- Table of contents translated.
 Let's celebrate the 50th anniversary of the Great October in a befitting manner. p.3.
 School as a center of educational work with children. p.5.
 Zaitseva, S.S. - The present and future of extracurricular educational work with children. p.6.
 Panferova, L.N. - Structural principles of the system of extracurricular educational work. p.13.
 Gordin, I.G. - Planning the educational work with Pioneer classes. p.16
 Bromel, N. - Reaching the people. p.29.
 Berkhin, N.B. - Extracurricular work of the 3d and 4th grade students with belles lettres. p.35.
 Boltinskaya, A.M. - Pedagogical notes. pp.37, 67.
 Measures for a thorough improvement of the quality of students' knowledge and the elimination of students repeating a year. p.38.
 Omorokova, M.I. - Reading skills and their evaluation. p.39.
 Nadel'man, L.G. - Cards and working with them. p.42.
 Pollak, G.B. - Improving the efficiency of teaching mental arithmetic in grades 3 and 4. p.48.
 Deriushchev, V.N. - Studying the children's proficiency in arithmetic. p.52.
 Terechenko, V.V., Zozulin, N.G. - Increasing the efficiency of manual training. p.54.
 All-Union conference. pp.57, 62.
 Bellaev, T.F. - Perception and reproduction of color. p.58.
 Mastruk, G.F. - Organizing educational work with first graders during their first days in school. p.63.
 Val'kov, I.F. - Cut-out alphabet during the period of teaching how to read and to write. p.66.
 Getmanski, M.I. - Speech defects must be corrected. p.74.
 Ogarkova, N.Y. - Didactic games in arithmetic of the 1st and 2d grade students. p.77
 Rozhdestvenskii, N.S. - Elementary course in grammar p.82.
 Solov'ov, I. - How the educational process in elementary school should not be improved. p.89.
 Pavlovskii, A.E., Dergacheva, E.V. - Let's prepare the preschool children for school. p.91.

Vol.33, no.9, Sep. 1965.

- Table of contents translated.
 Zhukovskaya, V.I. - Toncho's speech. p.3.
 Prokopyev, I.V. - Developing the ability to construct sentences. p.8.
 Doroshenko, N.I., Koval', A.P. - Dictations of vocabulary. p.16.
 Rybina, A.P. - Enriching the students' vocabulary in the course of their work with primers. p.22.
 Pimenova, Z.I. - Preparing the first graders for dictation with comments. p.25.
 Vasil'eva, M.S. - Historical and social science vocabulary of the grade 1-3 students. p.28.
 Deriushchev, V.N. - Making up problems on agricultural topics. p.34.
 Fedorenko, M.V. - Making geometrical figures and applications without special stencils. p.36.
 Recommendations on the physical education and training of students put into special medical groups because of their health. p.41.
 Troguova, L.N. - Increasing the efficiency of school excursions. p.42.
 Anichkin, S.A. - Aesthetic training in creative activity classes. p.45.
 Khashnikov, G.A. - Gymnastic grouping and regrouping. p.49.
 Gavrilova, L.I. - Musical literacy in schools. p.52.
 Ryk, A.N. - Political information as one of the training methods for Pioneers. p.56.
 Strubny, V.V. - Meeting of a Pioneer detachment. p.62.
 Katsnel'son, R.G. - Meeting of the Children of October. p.69.
 Sosnovik, L. - Parents as the patrons of the Children of October. p.76.
 Sorotskaya, O.N., Salakhodina, I.U. - Working with the leaders of the Children of October. p.77.
 Vorob'eva, A. - Here they train communists. p.80.
 Buriakov, A.V. - Graphic net helps in teaching how to write. p.84.
 Rudenskii, A.I. - Writing of numerals in the 1st grade. p.87.
 Vasil'eva, M.S., and others. - Creative search and finds. p.92.
 Anashkina, M.A. - Library for teachers. p.95.

Iakov Aleksandrovich Shor, on the occasion of his 70th birthday. p. 96.

NARODNAIA ASVETA [PUBLIC EDUCATION]. Organ of Ministerstvo osvity Ukrainy kol RSR [Ministry of Education of the Ukrainian S.S.R.]. Minsk, nos. 8-9, Aug - Sep, 1965.

NOUKOGUDE KOOL [SOVIET SCHOOL]. Issued by Eesti Nookogude Sotsialistliku Vabariigi Haridusministeerium [Ministry of Education of the Estonian S.S.R.]. Tallinn, no. 10, Oct, 1965 [in Estonian].

RADIANS'KA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrainy kol RSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 44, no. 9, Sep, 1965.

Table of contents translated

- Bondar, A.H. - Qualified school supervision as a guaranty of success. p.1.
 Shovchenko, V.S. - Current problems of the Communist Youth League in schools. p.11.
 Kostluk, H.S. - Psychological aspects of education p.10.
 Doldyrev, M.I. - Specific characteristics of moral education. p.27
 Bars'kyi, V.S. - Foundations of future families are laid in schools. p.32.
 Mikhaylov, O.H. - Requirements of teaching and testing machines. p.40.
 Denisov, O.E. - "Lastivka" receives examinations. p.43.
 Mishyna, O.F. - Use of "Lastivka" for examinations in the institutions of higher learning p.47.
 Skrypchenko, O.V., Skrypchenko, N.F. - Experimental reorganization of education in primary grades. p.48.
 Selivanov, D., Hudzenko, H., Malynova'ska, O. - Defining the areas and volumes in the 4th grade. p.56.
 Vdovenko, S.S. - Organizing conversational practice in the first grade. p.64.
 Shynars'kyi, I.E., Shlepkan', Z.I. - Boundary of a function. p.70.
 Kovalenko, S.S. - Theoretical training of elementary school teachers. p.83.
 Khutynats'kyi, H.O. - Homemade visual aids for mechanics. p.87.
 Luzik, K. - Discrimination against Negroes in American schools. p.92.
 In the Ministry of Education of the Ukrainian S.S.R. p.104.
 Fedorenko, P.S. - Conference on theory and practice of history and social science teachers. p.106.
 Trubni, H.H. - Teaching of foreign languages in an international problem. p.109.
 Okolot, M.E., Marylova's, N.M. - Leafing through the history of the Communist Youth League. p.111.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Biulleten' [Ministry of Higher and Secondary Specialized Education, Bulletin]. Moscow, no. 9, Sep, 1965.

SHKOLA I PROIZVODSTVO [SCHOOL AND INDUSTRY]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 9, no. 9, Sep, 1965.

Table of contents translated:

- Vasil'ev, A.A. - Let's train the students for work. p.3.
 Grinenko, G.F. - Grades should have a psychological effect. p.10.
 Shelep'tov, F.A. - Let's improve teaching methods. p.11.
 Zel'dia, I.V. - Let's inculcate good working habits. p.14.
 Poplavskii, S.A. - Acquainting students with agricultural work. p.20.
 Lomonosov, A.I. - School tools. p.22.
 Makovskii, N.I. - How to improve a plane. p.23.
 Marten'yanov, D.P. - More about equipment and tools. p.24.
 Iukhlova, N.V. - Plenum material in the teaching of plant growing. p.25.
 Zhit'iasov, P.A. - Joint work of schools and enterprises. p.28.
 Vavilov, V.S., Soldatov, V.I. - Student brigades as the best form of training. p.32.
 Osipov, K.I. - From the work of student brigades. p.37.
 Terbus, Wacław. - Instruction in mechanical drawing. p.39.
 Makarova, M.N. - Exercises in reading mechanical drawings in the 7th grade. p.44.
 Shataev, N.I. - Let's pay more attention to mechanical drawing. p.50.
 Karlashov, A.V. - Work of a technical station for children. p.53.
 Znamenskii, I.U.P. - School motion-picture studio. p.58.
 Prokop'ev, I.I. - "Youth" lent town. p.62.
 Bogatyrev, A.N. - Logical systems in teaching machines. p.66.

- Makarov, V.P., Romanovskii, V.N. - KU-4 control device and its application. p.70.
 Rurakov, V.A. - Visual aids for mathematics and mechanical drawing. p.74.
 Mailuta, N.T., Iarovoi, I.N. - Technical equipment for self-testing. p.76.
 Nekhtman, I.N. - Scientific organization of work. p.87.
 Chomyshev, D.E. - Estimating the feed requirements p.88.
 Dymov, V.A. - Let's train them for work. p.93.
 L'vovitch, G. - Production training is necessary. p.94.
 Scholars and engineers. p.95.

SHKOLA-INTERNAT [BOARDING SCHOOL]. Issued by Ministerstvo prosveshcheniia Uzbekekoi SSR [Ministry of Education of the Uzbek S.S.R.]. Moscow, vol. 5, no. 5, Sep.-Oct, 1965.

SOVET MAK'TABI [SOVIET SCHOOL]. Organ of Ministerstvo prosveshcheniia Uzbekekoi SSR [Ministry of Education of the Uzbek S.S.R.]. Tashkent, no. 8, Aug, 1965. [in Uzbek].

SOVETSKAIA PEDAGOGIKA [SOVIET PEDAGOGY]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 20, no. 6, June 1965.

Table of contents translated

- Aleksandrov, N.V. - Problems of programmed instruction. p.3.
 Usova, A.V., Chistova, E.N. - Primary knowledge of physics in elementary schools. p.12.
 Zhukov, S.F. - Principles of developing programs on Russian grammar. p.10.
 Pototskii, M.V. - Some present-day tendencies in the teaching of mathematics. p.29.
 Guevich, S.A. - Training of aesthetic needs in literature classes. p.35.
 Pecherskii, M.S. - Work training of primary school students. p.41.
 Zosimovskii, A.V. - Interesting experiment. p.46.
 Shastina, E.P. - Development of group relations and the working activities of adolescents. p.57.
 Diagonova, T.V., El'konin, D.B. - Some psychological characteristics of the adolescent personality. p.63.
 Kaplan, I.I. - Effect of workers' education on the results of their work. p.73.
 Zhurcho, P.M. - Evaluating the effectiveness of teaching by the methods of mathematical statistics. p.83.
 Tikhonov, I.I. - Organizing experimental programmed instruction. p.97.
 Mikhalev, G.M. - Let's improve the training of teaching personnel. p.104.
 Shcherban', I.U. - Studying the fundamentals of programmed instruction in a pedagogical institution of higher learning. p.109.
 Aleksandrov, N.V. - Pedagogical activities of M. Kh. Kurbangaliev. p.115.
 Opata, R. - Schools with longer hours in the Czechoslovak People's Republic. p.121.
 Il'ina, T.A. - New tendencies in programmed instruction in the United States. p.125.
 Khon, K.E. - Crisis of education in Southern Korea. p.130.
 Education abroad, according to the materials of TASS. p.140.
 Vettingina, N., Apraksina, O. - Development of an ear for music and the singing voice in children. p.152.
 Beliakova, N. - Developing a good posture in primary school students. p.154.
 Bishik, L. - Republic-wide conference on psychology in Kiev. p.155.
 A.T. Mostovoi; obituary. p.157.

Vol. 20, no. 9, Sep, 1965.

Table of contents translated:

- Let's improve the quality of the Marxist-Leninist training of personnel. p.3.
 Brumov, E., Miagkova, A. - In the curriculum committee on biology. p.10.
 Chermukhina, T.V. - Content of a chemistry course in evening schools. p.16.
 Stepanov, P.A., Turbovskoi, I.A. - Work of a class adviser is a creative task. p.23.
 Filippov, R.F. - Effectiveness of scientific atheistic work. p.30.
 Tiubetskoi, M.N. - Use of programmed cards in teaching. p.37.
 Khabib, R.A. - Test papers with a printed base. p.41.
 Vilkov, D.V. - Solving of problem questions during basic studies in evening (staggered) schools. p.43.
 Mansurov, N.S. - Social psychology and pedagogical science. p.51.
 Zadoratskaya, V.V. - Developing the lasting motivations of activity during the preparation for play. p.62.
 Marxism and pedagogics. p.87.

Travlin, K.N. - Essence of the educational process p. 95

- Enikeev, M.I. - Essence of the pedagogical process and the scientific basis of didactics. p.101.
 Kozlov, B.I. - Let's aim the students with a method for studying academic subjects. p.109.
 Chornik, S.A. - Student self-government in Soviet schools (1917-1923) p.116.
 Rodik, I.I. - Educators of the German Democratic Republic search for new paths in didactics. p.125.
 Bobovskii, A.G. - Development of education in Western Africa. p.131.
 Education abroad, according to the material of TASS. p.139.
 Gruzdev, V. - Conference of the directors of pedagogical institutes. p.153.
 Belon'kii, G. - Problems of the teaching of literature in secondary schools. p.155.

SREDNIE SPETSIAL'NOE OBRAZOVANIE [SECONDARY SPECIALIZED EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol. 12, no. 8, Aug, 1965.

Table of contents translated:

- Koz'min, B.A. - Let's improve the training and increase exactness! p.1.
 Kabanova-Meller, E.N. - Let's teach the students to organize their studying. p.5.
 Vladimirov, I.A.V. - Dynamic modelmaking as a means of developing the imagination. p.9.
 Karag'er'man, K.N. - Pedagogical lectures p.14.
 Shlov, V.A. - Professional training of future teachers. p.17.
 Pomazunko, A.F. - Test papers p.18.
 Sviridov, A. - Noteworthy meetings. p.19.
 Kilgman, I.N. - Teacher's help. p.20.
 Vitolins, Z. - Experimental work at the Malmava state farm technical school. p.22.
 Pogrebkov, V.G. - Specialist on methods should have methodological work. p.23.
 Babits, E.A. - Let's pay more attention to industrial aesthetics. p.25.
 Bellavskii, S.M. - More on methodological documentation for correspondence students. p.26.
 Du'fan, F.D. - Let's change the registering procedure for students enrolling in correspondence departments. p.29.
 Liubimets, A.E. - Foreign languages in evening technical schools. p.30.
 Exhibition of technical creativity. p.32.
 Koloditskii, M.S. - Let's vary the forms of the patriotic training of youth. pp.33,42.
 Brand, E. - Mass work in sports as an indivisible part of the educational process. p.37.
 Gusakov, I.U., Voronov, G. - Our radio magazine p.40.
 Somelkin, A.A. - Council of pensioners p.42.
 Conference on science and technology. p.43.
 Borodach, G.A. - For further improvement in the teaching of social sciences. p.44.
 Lukin, I.U.A. - Aesthetic training of students. p.49.
 Iastrebov, B. - Veteran of inland navigation. p.53.
 Shevetsov, S. - Pass to life. p.54.

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol. 23, no. 9, Sep, 1965.

Table of contents translated:

- Prokof'ev, M.A. - Tasks dictated by life. p.3.
 Kornilov, V.P. - Potentialities for increasing the labor productivity of teachers and students. p.9.
 Samoilova, I.D. - What form of specialist training is more effective? p.15.
 Directors think that institutions of higher learning need a research center. p.21.
 Fedorovich, M.M. - The lecture is not a passive form of teaching. p.24.
 Nikolaev, G.A. - Taking into consideration the requirements of technical progress. p.27.
 Artobolevskii, I.I., Kozhennikov, S.N. - Problems of automation and a course on the theory of mechanical engineering. p.32.
 Kruslov, I.E. - Material of party congresses in a lecture course. p.73.
 Iovlev, A.M. - Depayment and the independent work of students. p.76.
 Course in scientific communism as an important means of the ideological training of students: Kireev, E.P. - Seminar helps to give meaning to practice. p.79.
 In the Ministry of Higher and Secondary Specialized Education of the U.S.S.R. p.82.
 Diko, N.S. - Scientific symposiums of students on the problems of Latin America. p.84.
 Khon, K.E. - Higher education in the Korean People's Democratic Republic. p.87.
 Davydov, I. - More than 100 thousand specialists in two decades (from the pages of the Bulgarian periodical "Problemi na vissheto obrazovanie"). p.89.

- Sater, E.A., Elizavetin, M.A. - Technological training of a specialist in mechanical engineering. p.40.
 Bespal'ko, V.P. - What are our main possibilities? p.40.
 Lozhichnikov, E.B. - White Russian institutions of higher learning related and suggest. p.51.
 Parfenov, V.P. - What and how to teach by means of television. p.55.
 Avners, Z. - Educational television gathers strength. p.58.
 Anisimov, B.V., Kulakov, N.N. - Calculating centers in the institutions of higher learning. p.62.
 Goidolchenko, I. - Three hours in a pavilion at the Exhibition of Achievements of the National Economy of the U.S.S.R. p.65.
 Let's improve the study of the history of the CPSU. Ugriamov, A.L. - Making extensive use of historical sources. p.69.

b. PHYSICAL EDUCATION & GAMES

FIZICHESKAYA KULTURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS] Issued by Ministerstvo prosveshcheniya RSFSR [Ministry of Education of the R S F S R] Moscow, no. 9, 1965

FIZKULTURA I SPORT [PHYSICAL EDUCATION AND SPORTS] Organ of Tsentral'nyi Sovet Soluza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Union of Sports Associations and Organizations of the U S S R]. Moscow, no. 10(308), Oct. 1965.

KEHAKULTUUR [PHYSICAL CULTURE] Organ of Eesti NSV Spordihingule ja -organisatsioonide Liit [Union of Sports Associations and Organizations of the Estonian S.S.R.]. Tallinn, vol. 26, nos. 18(531)-19 (532), Sep.-Oct. 1965. [In Estonian]

SHAKHMATNYI BULLETEN' [CHESS BULLETIN] Organ of Shakhmatnaya federatsiya SSSR [Chess Federation of the U.S.S.R.] Moscow, vol. 11, no. 9, Sep. 1965

SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.] Organ of Shakhmatnaya federatsiya SSSR [Chess Federation of the U.S.S.R.] Moscow, vol. 42, nos. 8-9, Aug.-Sep. 1965.

SPORTIVNAYA ZHIZN' ROSSII [SPORT LIFE IN RUSSIA] Organ of Vserossiiskii sovet Soluza sportivnykh obshchestv i organizatsii [All-Russian Council of the Association of Sports Societies and Organizations]. Moscow, vol. 9, no. 10, 1965.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

ISKUSTVO KINO [CINEMA ART] Organ of Ministerstvo kul'tury SSSR and Soluz rabotnikov kinematografi SSSR [Ministry of Culture of the U.S.S.R. and of the Association of Cinematographic Workers of the U.S.S.R.]. Moscow, vol. 35, no. 9, 1965.

Table of contents translated
 Motion-picture dramaturgy in our times. p.1.
 First impressions of "War and peace": Ermolinskii, Sergei. - On the threshold of new pages. . . p.7

Danelia, Georgii - Not fearing literature. . . p.10
 Oldridge, James - Thought in action. p.11.
 Iarmatov, Kunil. - An event p.12.
 Otan-Lara, Claude - Spirit of an epoch. p.13
 Elelman, M. - Tiflis and time for the young. p.15.
 Shcherbakov, K. - Uninterrupted event. p.18.
 Slutskii, Boris. - Under the pavements of Belgrade. p.25.

Roshal', Lev. - The art of asking questions p.28
 Dobrodeev, B. - Twenty minutes of poetry. . . p.30.
 Zhigarev, L. - Moon novelettes. p.33.
 Pogozheva, L. - Peace of mind is but our dreams. p.36

Nechayeva, M. - From didactics to meditations. p.43.
 Khersonskii, Khrisanf - Returning to "The enchanted Desna". . . p.45.
 Kozintsev, Grigorii. - Ten years with "Hamlet." p.51.

Arkhangelskii, V. - A film with a question mark. p.57.

Baboshin, N. - Amina as the mother of a soldier. p.59.

Khrushchikov, N. - Does the composition need to be defended? p.65.

Makarov, Tamara. - Truth of mastery and truth of talent. p.67.

Kokoreva, I. - A week on the Main. p.68.

Ignat'eva, N. - Addressed to children. p.103.

On the screens of the Moscow Festival: Baskakov, V. - Sunning up. p.109.

Inovitskaya, A. - "Aclaeon." p.113.

Zelenko, N. - "Three steps on Earth." p.114.

Daylian, L. - "Sales overhead." p.116

Parfityov, L. - "Stole on Main Street." p.119.

Nagibin, Iurii - The director; a screenplay. p.125

KINOMEKANIKA [MOTION-PICTURE OPERATOR]

Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po kinematografii [State Committee of the Council of Ministers of the U.S.S.R. for Motion Pictures] Moscow, no. 9, Sep. 1965.

NOVYNY KINOERKANI [CINEMA NEWS] Kiev, no. 10(51), Oct. 1965.

SOVETSKII EKLAN [THE SOVIET SCREEN] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po kinematografii and Soluz rabotnikov kinematografi SSSR [State Committee of the Council of Ministers of the U.S.S.R. for Motion Pictures and the Union of Motion-Picture Workers of the U.S.S.R.]. Moscow, nos. 17(209)-18(210), Sep. 1965.

SOVETSKII FILM [SOVIET FILMS] Issued by Vsesoyuznoe obshchestvo [All-Union Association] "Sovetskospil'm." Moscow, nos. 8(99)-9(100), Aug.-Sep. 1965.

TEKHNIKA KINO I TELEVIDENIYA [MOTION-PICTURE AND TELEVISION ENGINEERING] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po kinematografii [State Committee of the Council of Ministers of the U.S.S.R. for Motion Pictures]. Moscow, vol. 9, no. 8, Aug. 1965.

Table of contents translated
 Orlovskii, E.L. and others - Reproduction of halftones in the large details of television pictures. p.1

Kulitsyn, A.M. - Photographic color range of brightness of nature objects. p.12

Tagor, P.G. - Isoenergetic curves in stereophonic transmission by means of directional microphones p.20

Nikul'skii, E.V. - Preparation of sound tracks for wide-screen and regular variations of wide films p.25

Beliaev, I.A.I., Ostrovskii, V.S. - Electric "acoustic" noise-making instrument p.33

Trofimov, B.V., Reznikovskii, L.Sh., Sokolov, V.V. - From the experience in the operation of VA-1-35/22 and VA-1-32/22 developing machines. p.38.

Glinenko, K.S., Gritskii, Z.D. - Increasing the resolving power of kinescopes at the screen edges. p.44

Pechkis, V.V. - Effect of adaptation factors on the color of the details of television pictures p.47

Sidelnikovskii, I.U.P. - Relation between the visual perception of the brightness of scanning lines and their dimensional brightness p.54.

Pustynskii, I.N. and others - Television systems for examining pipes with a variable cross section. p.57.

Zakaznov, N.P., Afanas'ev, V.A. - Manufacture of correction plates for "Schmidt" lenses. p.60.
 Spasokukhtskii, N.S., L'vova, A.I.A. - Device for preventing foam accumulation in the processing of motion-picture films. p.62.

Kozinskii, V.G. - New microphone for outdoor television transmission p.63

Abstracts. p.77

Conference on motion-picture engineering in Czechoslovakia p.86

Twenty-first All-Union Scientific Session dedicated to the 70th anniversary of the invention of radio. p.87

Sixtieth anniversary of E.A.Ioffe. p.90.

"INFORGA-65" Exhibition p.91.

In the State Committee of Motion Pictures p.94

b. MUSIC

MUZYKAL'NAYA ZHIZN' [MUSICAL LIFE] Organ of Soluz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 8, nos. 18-19, Sep.-Oct. 1965

SOVETSKAYA MUZYKA [SOVIET MUSIC] Organ of Soluz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 20, no. 8, Aug. 1965.

Table of contents translated

Dvarionas, B. - Festival of song. p.3.

Mazel', L. - Ways of the development of the language of modern music. p.6.

Banaitis, J. - Stages of a great path. p.21.

Karnavichius, J. - Let's speak frankly. p.25.

Ambrazas, A. - On a road of dating. p.32.

Spigelglasas, J. - Formation of a genre p.38

Brazinskas, A. - The burial and death. p.42

Pailonyte, D. - Younger sister. p.44.

Trukunas, D. - On the threshold of art. p.47.

Dashkevich, V. - Meeting with the people's art. p.53

Caidanovich, T. - Lithuanian chamber orchestra. p.56.

Kalnietis, V. - Talent and will. p.57

Lokshin, D. - "Azuolukas." p.58.

Livontas, A. - Past performances. p.60.

S.R. - In the opera theater. p.62

R.G. - Always in search. p.63.

Gucas, R. - The republic's leading chorus. p.63.

S.B. - They are helped by the library p.64

Taktakishvili, O. - Genes, forms, and creative search. p.65

Bogdanov-Berezovskii, V. - Meetings with Glazunov. p.66.

Glazunov, A. - Mozart lives in all of us. p.61.

Lemeshev, S. - From my autobiography. p.83

Ob'edov, I.U. - Satire in opera. p.90.

Iankovskii, M. - After eighteen years p.94

Gusev, P. - The artist's pride. p.98

Shanlyi, G. - New items on programs. p.101.

Smilnov, Matiev, Gornostaeva, Vera. - Piano recitals. p.105.

Kuznetsova, I. - A Maslennikov sings p.108.

Ratov, Evg. - Symphonic concertos. p.109.

Grigor'ev, V. - Nonnyk Szyring. p.111.

Bialik, M. - Letters from cities: Leningrad. p.112.

Evdokimova, I.U. - New music on the air. p.114.

Ivanova, Evg. - A film about a ballerina. p.115.

Korev, I.U. - In Uzbekistan p.120.

Solodukho, I.A. - With composers of Turkmenia. p.128.

Angelov, Krum - Ljubomir Pipkov. p.131

Living creativity or the sacrament of "experiment." p.136.

Grosheva, E. - City of living traditions. p.140.

In musical orbit p.147.

Brief news. p.153.

c. THEATER

KLUB I KHUZOZHSTVENNAYA SAMODEIATEL'NOST' [THE CLUB AND AMATEUR ART ACTIVITY] Issued by Vsesoyuznyi Tsentral'nyi Sovet Profkudovskikh Soluzov [All-Union Central Council of Trade Unions]. Moscow, vol. 15, nos. 16-18, Aug.-Sep. 1965.

SOVETSKAYA ESTRADA I TSIRK [SOVIET STAGE AND CIRCUS] Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol. 9, nos. 9(98)-10(97), Sep.-Oct. 1965.

TEATR [THEATER] Organ of Ministerstvo kul'tury SSSR and Soluz pisatelei SSSR [Ministry of Culture of the U.S.S.R. and Association of Writers of the U.S.S.R.]. Moscow, vol. 20, no. 9, Sep. 1965.

Table of contents translated

Georgievskii, Georgii. - How I found myself on the staircase. p.3.

Zhukhovitskii, L. - Drama versus parable. p.11.

Vishnevskii, I. - Time dictates! p.20.

Potapov, N. - "It was difficult for Lenin. . .", the play "Sixth of July" performed in the M. Gorkii Moscow Art Theater and in the K.S. Stanislavskii Theater of Drama in Moscow. The drama "It was difficult for Lenin. . ." performed in the M. Gorkii Moscow Art Theater and in the A.S. Pushkin Theater of Drama in Leningrad. p.26.

Kagaritskii, I.U. - Our common feelings, the play "Always on sale" performed in the Studio-Theater "Sovremennik." p.36.

L'vov-Anokhin, B. - "Legend of love" in the Bolshoi Theater. p.42.

Anastas'ev, A. - To be a man, the play "Shy and shy" performed in the Central Theater of the Soviet Army. p.49.

Dzhibinskii, O. - The non-theatrical mouth of M. . . p.51.

Tokarev, V. - What is good. . . p.60.

Pollakov, Vladimir. - It seems that opera does exist. p.65.

Vislov, A. - Something secondary. p.73.

Kogan, L. - Actors; a sociological research study. p.78.

Granovskaya, G. - Violetta Bovt. p.84.

Golovashenko, I.U. - Tatrov; on the eightieth anniversary of his birth. p.90.

Khnechin, A. - Vladimir Aleksandrovich Filippov. p.102.

Filippov, V. - The stage world of Leshkovskaya. p.103.

Konidova, E. - Trilogy on Shakespeare. p.107.

On the stage of the Kremlin Theater. p.114.

Repertoire of theaters in 1964. p.118.

Our interviews in Kiev. p.118.

- Bakotova, N. - A. Lazarev as Walther Schering, p. 120.
- Kleina, A. - On the twenty-fifth anniversary of Soviet Lithuania, p. 121.
- Poliakova, E. - Sketches between performances, p. 122.
- Bulgak, L. - In an even light, p. 124.
- Tolbacev, M. - Best work, p. 124.
- P. N. - In the tale and on our steel, p. 126.
- Zorin, Leonid. - Two days of birth, p. 127.
- Beizkin, V. - When an artist comes to the children, p. 129.
- Zubkov, I. U. - Theme of creativity, p. 131.
- Cities and theaters, p. 132.
- Tolchenova, N. - Roles of Ljudmila Ljubimova, p. 133.
- Markov, P. - With the Italians and the French, p. 135.
- Maretskaya, M. - The "Rideau Vert" Theater from Montreal, p. 143.
- Adamov, Arthun. - "Here and now," p. 147.
- Shchepilova, L. - Path from a vacuum, p. 151.
- Suchakipa, Leo. - A man must choose, p. 155.
- Grishchenko, S. - Songs of freedom and protest, p. 159.
- Shteln, Aleksandr. - The widower; a drama in two acts, p. 161.

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R. S. F. S. R.] and others. Moscow, nos 18-19, Sep.-Oct. 1965.

10. FINE ARTS

a. GENERAL

DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U. S. S. R.]. Issued by Soluz khudozhnikov SSSR [Association of Artists of the U. S. S. R.]. Moscow, vol 9, nos 9(94)-10(95), 1965

KHUDOZHNIK [ARTIST]. Issued by Soluz khudozhnikov RSFSR [Association of Artists of the R. S. F. S. R.]. Moscow, vol 7, no. 9, 1965.

LETOPIS' IZOBRAZITEL'NOGO ISKUSSTVA [CHRONICLE OF FINE ARTS]. Issued by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber]. Moscow, no. 3, 1965.

MYSTETSTVO [ART]. Organ of Ministerstvo kul'tury URSS [Ministry of Culture of the Ukrainian S. S. R.] and others. Kiev, vol. 12, no. 4(87), July-Aug. 1965.

Table of contents translated

Festival of friendship and brotherhood p. 1.

Stanishevskiy, I. U. - Quests for imagery p. 3.

Nosov, L. - Songs composed by patrians p. 6.

Soloshyn, I. - As if it were a tale p. 8.

Zolotchevskiy, V. - Talent does not grow old, p. 10.

Tushynskiy, O. - Joy of creativity, p. 11.

Best plays of the season, p. 13.

Iosypenko, M. - Cynthus, p. 18.

Shidlovskiy, R. - Sincerity and naturally p. 18.

Zel'dovych, H. - Thoughts about a motion-picture director, p. 19.

Vovk, P. - Falcon eye, p. 22.

Nykolachuk, I. - Long journey, p. 23.

Dovzhenko, O. - The Ukraine on fire, p. 26.

Balchenko, M. - New trends, p. 29.

Velitskaya, N. - Magic burst, p. 31.

The meaning of "ikobana" p. 33.

Una, H. - Years remote and years close by, p. 34.

Patorzhynskiy, F. - Encounters p. 36.

Samoilenko, M. - Unforgettable, p. 37.

Dolokhova, L. - Master of choreography, p. 38.

Brief news, p. 39

SOVETAKAN ARVEST [SOVIET ART]. Issued by Ministerstvo kul'tury Armanakol SSR and Gosudarstvennyi komitet Soveta Ministrov Armanakol SSR po kinematografii [Ministry of Culture of the Armenian S. S. R. and the State Committee of the Council of Ministers of the Armenian S. S. R. for Motion Pictures]. Eriwan, nos. 7-8, 1965. [In Armenian]

SOVETSKOE FOTO [THE SOVIET PHOTO]. Issued by Soluz zhurnalistov SSSR [Association of Journalists of the U. S. S. R.]. Moscow, vol. 28, no. 10, Oct. 1965.

TVORCHESTVO [CREATIVE WORK]. Issued by Soluz khudozhnikov SSSR [Association of Artists of the U. S. S. R.]. Moscow, no. 9(105), 1965.

b ARCHITECTURE

ARKHITEKTURA SSSR [ARCHITECTURE OF THE U. S. S. R.]. Organ of Gosudarstvennyi komitet po grahdanskoma stroitel'stvu i arkhitekturo pri Gosstroisovet and Soluz arkhitektov SSSR [State Committee for Public Construction and Architecture, Attached to the State Planning Committee of the U. S. S. R.], and the Association of Architects of the U. S. S. R.], Moscow, no. 9, 1965.

Table of contents translated

Orlov, G. - Raise the Soviet architecture to the level of the demands of communist construction, p. 1.

Mezentsev, B., Zaritskiy, B., Rozanov, E. - Design of the administrative center of Tashkent, p. 7.

Romnikov, A. - Aesthetic meaning of the town structure, p. 21.

Smirnov, O. - Master plan for Kabul, p. 20.

Samodavev, E. - New principles of the construction of multistoried buildings in Moscow, p. 35.

Kim, I. - Improve the architecture of industrial buildings, p. 40.

Blokhin, V. - Creative trends in designing the interiors of industrial buildings, p. 46.

Mkrtichian, R. - Elements of the external arrangement of a town, p. 53.

Babalan, L. - Characteristics of a dwelling under conditions of the southern continental climate, p. 58.

In the State Committee on Civil Construction and Architecture attached to the State Committee on Construction of the Council of Ministers of the U. S. S. R. p. 62.

Aleksandr Ivanovich Gogolia; obituary, p. 63.

EKSPERIMENTAL'NOE PROEKTIROVANIE [EXPERIMENTAL DESIGN]. Issued by Nauchno-Issledovatel'skiy institut eksperimental'nogo proektirovaniia ASIA SSSR [Scientific Research Institute of Experimental Design of the Academy of Construction and Architecture of the U. S. S. R.]. Moscow, no. 5, 1962.

Table of contents translated:

Chalkina, T. - Experimental livestock farm for 600-1200 dairy cows, p. 5.

Revkovskiy, I. U., Cheigalov, V. - Experimental swine breeding farm at the "Frynnovskiy" state farm in Moscow Province, p. 13.

Pokrovskaya, E. - A new type of shop for repairing agricultural implements in collective farms and state farms, p. 21.

Pokrovskaya, E., Kuzobova, N. - New types of storerooms for potatoes, fruit and vegetables, p. 29.

Pokrovskaya, E., Milovidov, G. - Interfarm enterprises are combines for processing farm produce, p. 35.

Tsirik, I. A. - Arch construction of farm buildings, p. 42.

Voslovskiy, A. - Planning the Kalinovka collective farm village, p. 49.

Vladimirov, P., Baranova, V. - Problems of settlement in the regional planning of Starozhskovo Dist. let, Ryazan Province, p. 59.

Kuzakov, I. - Asbestos cement for the construction in the Virgin Territory, p. 68.

Bocharov, I. U., and others. - Development of the structure of an industrial city, p. 77.

Nudel'man, V., Bocharov, I. U., Frezinskaya, N. - Development of the city structure in the group farm of settlement, p. 88.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestiia vysshih uchebnykh zavedenii, stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Construction and Architecture]. Moscow, vol. 8, no. 9, 1965.

Table of contents translated:

Chernova, M. P. - Statistical investigation of some technological properties of structural steels, p. 3.

Slobodanik, I. A., Alzen, A. M. - Probable evaluation of the uniformity coefficient of building materials, p. 10.

Birtulev, V. V., Sil'vestrov, A. V., Levenson, I. A. S. - A case of the reinforcement of steel roof trusses, p. 16.

Chernyi, B. I., and others. - Experimental construction of residential buildings, the loss base of which is computed by their dead weight, p. 20.

Zeyin, A. A. - Selection of an optimal form for steel prestressed girders under quiescent load and practical method for calculating them, p. 27.

Lushnikov, V. V. - Determination of the parameters of the shear strength of eluvial clay pastes based on the test results of a sample in a stability tester, p. 34.

Loyin, M. A. - Some problems of regular bar systems, p. 41.

Borshtein, P. I. A. - Dynamic deformations of a spherical vessel with a variable modulus of elasticity according to radius, p. 49.

Barg, I. A. - Method of solving a three-dimensional problem of the elasticity theory, p. 54.

Piskunov, V. G. - Determining the frequencies of natural vibrations of triangular and trapezoidal plates, p. 58.

Tnube, P. R., and others. - Utilization of synthetic surface-active agents in making gas concrete, p. 63.

Knigina, G. I., Korneeva, V. N. - Activity of mineral fillers in the polymer acid-resistant mastics, p. 66.

Shakhmuradov, M. K. - Manufacturing adhesive mastics made with wastes of synthetic resins obtained in the pyrolysis of petroleum gases, p. 73.

Gavrilov, I. F. - Integrated method of assembling elements of one-storied industrial buildings, p. 76.

Petov, I. U. M. - Determining the required capacity of milling scarifiers of excavators in using the theory of soil cutting, p. 87.

Sander, A. A. - Thermal conditions of air permeable joints of exterior wall panels, p. 93.

Omel'chuk, V. S. - Investigation of tributary aeration streams in isothermic conditions, p. 93.

Korot'kov, V. A. - Retention and passage of ice at the Krasnoyarsk Hydroelectric Power Station, p. 104.

Granditskiy, V. N. - Stationary thermal state of spillway dams and nonfiltering foundations in permafrost regions, p. 110.

Voinov, A. P., Volkov, S. V. - New developments in planning and equipping laboratory buildings of chemical scientific research institutes, p. 114.

Sinebrukhov, V. N. - Construction of panoramic perspectives by the method of natural coordinates, p. 122.

Petrov, A. N., Puthov, A. I. - Investigation of stresses in shearing and shearing with pressure by the photoelastic method, p. 129.

Volfson, V. A. - A method of processing experimental data, p. 135.

Universal system of classifying printed materials, p. 139.

11. LANGUAGE, LITERATURE & FOLKLORE

a LANGUAGE

KEEL JA KIRJANDUS [LANGUAGE AND LITERATURE]. Issued by Eesti NSV Teaduste Akadeemia and Eesti NSV Kirjanike Liit [Academy of Sciences of the Estonian S. S. R. and the Association of Writers of the Estonian S. S. R.]. Tallinn, vol. 8, no. 10, Oct. 1965 [In Estonian]

NOVAIA INOSTRANNAIA LITERATURA PO IAZYKO-ZNANIJU [NEW FOREIGN LITERATURE ON LINGUISTICS]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, 1965.

OCHERKI PO METODIKE PREPODAVANIYA RUSSKOGO IAZYKA [METHODOLOGICAL STUDIES ON THE TEACHING OF RUSSIAN]. Issued by Universitet druzby narodov [University of the Friendship of Peoples]. Moscow, no. 2, 1964.

Table of contents translated:

Vannikov, I. U. V. - Russian-English lexical comparisons, p. 3.

Mitrofanova, O. D. - Verbal synonyms in modern Russian, p. 31.

Fominovskaya, N. I. - Some instances of the use of the clauses "khochu (nado), chtoby", and "khochu (nado) plus an infinitive" p. 59.

Kologivova, S. V. - Work on word order in sentences in the beginning stage of studying Russian, p. 75.

Kovacheva, N. M. - Some instances of the use of "tozhe" and "takzhe", p. 91.

Venediktova, N. K. - System of work on sociopolitical vocabulary in lessons of the Russian language, the beginning stage of study, p. 108.

Galova, M. M. - Oral exercises as one of the means of language development, p. 121.

Motina, E. I. - Methods and forms of work furthering the development of listening habits and the taking of notes from lectures delivered in Russian, p. 141.

Morlukov, I. V. - Possibilities of using the native language while studying Russian; based on materials of the Mandingo dialects, p. 156.

Kokhtov, N. N. - On some problems of stylistic analysis, p. 166.

Iasova, M. M. - Work on reflexive verbs in groups having some preparation in Russian, p. 177.

PIAMATNIKI DREVNETURKSKOI PIS'MENNOSTI TUVY [MONUMENTS OF THE OLD TURKIC LANGUAGE OF TUVU]. Issued by Kyzyl'skiy gosudarstvennyi pedagogicheskiy institut [Kyzyl State Pedagogical Institute]. Kyzyl, no. 1, 1963.

PREPODAVANIE AZERBAIDZHANSKOGO IAZYKA I LITERATURY; metodicheskiy sbornik [TEACHING THE AZERBAIJANI LANGUAGE AND LITERATURE, Methodology] Supplement to the Magazine "Azerbaidzhan Mel'bi" Baku, no. 2, 1965. [In Azerbaidzhan]

RUSSKII IAZYK V NATSIONAL'NOI SHKOLE [THE RUSSIAN LANGUAGE IN NON-RUSSIAN SCHOOLS]. Issued by Akademiya pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R. S. F. S. R.], Moscow, no. 5, Sep.-Oct. 1965.

VOPROSY IAZYKOZNAANIA [PROBLEMS OF LINGUISTICS]. Issued by Institut iazykoznanija Akademii nauk SSSR [Institute of Linguistics of the Academy of Sciences of the U.S.S.R.], Moscow, vol. 14, no. 4, July-Aug. 1965.

Table of contents translated

Makayev, E. A. - Problems and methods of modern comparative-historical Indo-European linguistics, p. 3.

Serebrennikov, B. A. - Some ways of reconstructing archaic traits in the grammatical structure of languages, p. 20.

Zhuavlev, V. K. - Genesis of prothetic consonants in Slavic languages, p. 32.

Lytikh, V. I. - More on the origin of the Russian "akan'ye," p. 14.

Kotlova, N. Z. - Use of objective and exact criteria for the description of possible word combinations, p. 53.

Barsova, O. M. - Basic problems of transformational syntax, p. 65.

Bromlei, S. V., Bulatova, L. N. - Standard for the comparative description of morphology in Russian dialects, p. 71.

Moskvich, V. A. - Experiment of quantitative typology of the semantic field, p. 80.

Mel'chuk, I. A. - Phonologic treatment of "sonit-vowels" in Spanish, p. 92.

Stepanova, Z. P. - Areal distribution of verbs with an "-e-" stem in Indo-European languages, p. 110.

Plehurin, L. I. - Application of mathematical methods in linguistics, p. 119.

Borgolakov, M. I. - Linguistics in the Khakass Scientific Research Institute of Language, Literature, and History, p. 148.

Brief news, p. 150.

Books, periodicals, and brochures received by the editors, p. 160.

Vol. 14, no. 5, Sep.-Oct. 1965.

Table of contents translated

Makayev, E. A. - Structure and statification of common Germanic vocabulary, p. 3.

Losev, A. F. - On the treatment of mathematical linguistics by linguists, p. 13.

Shamlian, S. K., Sololeva, P. A. - Applicative engendering model and formalization of grammatical synonymy, p. 31.

Apresian, I. U. D. - An experiment in the analysis of verb meanings by their syntactic features (types of government), p. 51.

Bromlei, S. V. - Classification principles of verbs in modern Russian, p. 67.

Kononov, A. N. - An experiment of reconstruction of Turkic verbal adverbs in -(o)p, -(o)b, -(i)p, -(i)b, -(o)pan, -(o)ban, -(o)bany, -(i)bany (b); materials for a comparative-historical grammar of the Turkic languages, p. 100.

Kumakhov, M. A. - Distributive analysis of polysynthetic complexes, p. 112.

Brief news, p. 144.

Books, periodicals, and brochures received by the editors, p. 158.

Ivanchikova, E. A. - An optional and obligatory structures in syntax, p. 81.

Gornung, B. V. - On the nature of synonymy in language and theoretical premises for compiling dictionaries of synonyms, p. 96.

VOPROSY KUL'TURY RECHI [PROBLEMS IN SPEECH CULTURE]. Issued by Institut russkogo iazyka Akademii nauk SSSR [Institute of the Russian Language of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, 1965.

Table of contents translated:

Reformatskiy, A. A. - In memory of Sergei Ivanovich Ozhegov (1900-1964) p. 3.

Bel'chikov, I. U. A. - On the standards of the literary language, p. 6.

Vinokur, T. G. - Language and style of A. I. Solzhenitsyn's tale "One day in the life of Ivan Denisovich," p. 16.

Alekseev, D. I. - Euphonic and noneuphonic abbreviations, p. 33.

Superanskaya, A. V. - Gender of borrowed nouns in modern Russian, p. 44.

Dobrodin, I. G., Skvortsov, L. I. - Dialectal loan words and their standard usage ("kotli'sta" and "okot'"), p. 69.

Vesol'skiy, V. V. - Some concepts of correct speech, p. 68.

Petrishcheva, E. F. - Conditions for the use of intellectually appraised words, p. 82.

Glimpovich, V. S. - Nouns ending in "-ar (-er)" in Russian, p. 91.

Zolotova, G. A. - The new preposition "za schet" p. 99.

Cherkasova, E. T. - The preposition "po imli," p. 113.

Skvortsov, L. I. - "Po bol'shomu schetu," p. 120.

Siklovskiy, V. - "Gamburgskiy schet" and "po bol'shomu schetu," p. 120.

Khanpina, E. - On one inaccurate word usage, p. 131.

Gravdina, L. K. - "Noskov" or "nosok?" p. 137.

Es'kova, N. A. - On one native orthographic method, p. 147.

Es'kova, N. A. - Clarification of two particular orthographic rules, p. 153.

Superanskaya, A. V. - "Bluming" or "blumling?" p. 167.

Superanskaya, A. V. - "Freindschaft" or "freindschaft?" p. 169.

Dolgopolskiy, A. B. - How should the German combinations "ni," "oi," and "eu" be written and distinguished? p. 163.

Panfilov, A. K. - The pronominal adverbs "gde" and "kogo" in the role of connecting words, p. 166.

Glimpovich, V. S. - "Akademiada" p. 172.

Bagina, A. A. - "Otel," "motel," and "atol," p. 177.

Kryshin, L. P. - The word "detektiv," p. 179.

Skvortsov, L. I. - "Valovoi" or "valovyi?" p. 181.

Khanpina, E. - "Ochen' zamechatel'nyi," p. 183.

Superanskaya, A. V. - Is the "vagon-vesy tipovoi or tipovoye?" p. 187.

Panfilov, A. K. - "Uvazhaemiy tovarishch" or "uvazhaemiy tovarishch?" p. 189.

Glikova, L. and others. - A questionnaire and answers of writers, p. 190.

Gornung, B. V., Leonov, A. A. - Answers to the questionnaire on standards, p. 211.

Page of new words, p. 217.

Kuz'min, N. V. - "Case Illusions," p. 221.

Iskovich, V. A. - "Kupitsvannyi" or "kuptsvny?" p. 224.

Shvartskopf, B. S. - Discussion evenings in the House of Scientists and in the Central House of Writers, p. 237.

b. LITERATURE & FOLKLORE

AKADEMIYA NAUK GRUZINSKOI SSR, Tiflis, Institut istorii gruzinskoi literatury i russkoy literatury iazykanii [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Institute of the History of Georgian Literature, Russian Research]. Tiflis, no. 7, 1965.

CONTENTS. Marr, N. I. A. [Problems in the text of "Vepkhistqaosani"] Voprosy teksta "Vepkhistqaosani," p. 225 p.

AKADEMIYA NAUK SSSR, Izvestiya, Seriya literaturny i iazyka [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Series in Literature and Language]. Moscow, vol. 24, no. 4, July-Aug. 1965.

Table of contents translated:

Zozulka, M. N. - Dramaturgy of O. E. Kornichuk, on his sixtieth birthday, p. 201.

Aleksandrov, E. A. - Short stories of K. Paustovskiy, p. 207.

Levin, I. U. D. - Last novel of M. L. Mikhailov; on the centenary of the writer's death, p. 209.

Serduchenko, G. P. - Theoretical problems in studying the languages of Asia and Africa, p. 311.

Prokhorovskaya, M. N. - Vowel gradation of "h" to "e" as a phonetic phenomenon in the Volga dialects, p. 321.

Zavoronkov, A. Z. - Police dossier concerning their secret surveillance of F. M. Dostoevskiy in Staraya Russa, 1872-1876, p. 329.

Musatov, E. I. - From the creative history of I. A. Gontcharov's novel "Obломov," p. 341.

Solov'ev, A. V. - On the "Tautorkan' idol" of Prof. A. Mazon, p. 346.

Musaev, K. - Honoring N. A. Baskakov, p. 356.

Megreldze, I. V. - Centenary of the birth of N. I. Marr, p. 358.

Bernshein, S. B. - In memory of V. I. Grigorovich; on the 150th anniversary of his birth, p. 359.

Nudanova, N. - Turgenev readings in 1964, p. 363.

Piel, O. A. - The problem "History of Russian classical literature and its international ties" is discussed in the Academic Council, p. 365.

Dmitriyev, P. A., Safronov, G. I. - International Seminar of Slavists held in Yugoslavia, p. 367.

Ivanov, M. I. - Discussion of the current problems in the interaction of languages of peoples of the U.S.S.R., p. 368.

Kishkin, L. S., Tolstoy, N. I. - The Sixth Ukrainian Conference of Slavic Studies, p. 370.

Shvartskopf, B. S. - The Ninth All-Union Coordinating Conference on Problems of Phonology, p. 373.

Keldysh, V. A. - B. V. Mikhailovskiy; an obituary, p. 374.

ALA-TOO, literatura-khudozhestvennyy i obshchestvenno-politicheskiy zhurnal [ALA-TAU; Literary and Socio-political Magazine]. Organ of Soluz pisatelei Kirgizii and Ministerstvo kul'tury Kirgizskoi SSR [Association of Writers of Kirghizia and the Ministry of Culture of the Kirghiz S.S.R.], Frunze, vol. 34, nos. 7-8, July-Aug. 1965. [In Kirghiz]

AZERBAICHAN [AZERBAIJAN]. Organ of Soluz pisatelei Azerbaidzhana [Association of Writers of Azerbaidzhan] Baku, no. 7, July 1965 [In Azerbaidzhan]

BAIGAL [BAIKAL]. Ulan-Ude, no. 4, July-Aug. 1965 [In Buryat]

BAIKAL. Organ of Soluz pisatelei Buriatskoi ASSR [Association of Writers of the Buryat A.S.S.R.], Ulan-Ude, vol. 11, no. 4, July-Aug. 1965

DILA [MORNING]. Issued by T'Sentral'nyi komitet leninskogo kommunisticheskogo soluzu molodezhi Gruzii i Respublikanskii sovet organizatsii lynykh pionerov im. V. I. Lenina [Central Committee of the Lenin Communist Youth League of Georgia and the Republic Council of Lenin Pioneers]. Tiflis, no. 9, Sep. 1965. [In Georgian]

DNIPRO [DNIEPER]. Organ of Tsentral'nyi komitet Leningradskogo kommunisticheskogo soluzu molodezhi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 39, no. 9, Sep. 1965

DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.], Moscow, nos. 8-9, 1965

INOSTRANNAIA LITERATURA [FOREIGN LITERATURE]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.], Moscow, nos. 8-9, Aug.-Sep. 1965.

IUNOST' [YOUTH]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.], Moscow, vol. 11, no. 10, Oct. 1965.

KAROGS [THE BANNER]. Issued by Latvijas padomju rakstnieku savieniba [Association of Writers of Latvia]. Riga, nos. 9-10, 1965. [In Latvian]

KAZAN UTLYARI [LIGHTS OF KAZAN]. Organ of Soluz pisatelei Tatarli [Association of Writers of Tataria] Kazan, nos. 7-9, July-Sep. 1965. [In Tatar]

LITERATURA V SHKOLE [LITERATURE IN SCHOOLS]. Issued by Ministerstvo prosveshcheniya RSFSR [Ministry of Education of the R. S. F. S. R.], Moscow, vol. 26, no. 5, Sep.-Oct. 1965.

LITERATURNAYA ARMENIYA [LITERARY ARMENIA]. Organ of Pravleniye Soluzu pisatelei Armenii [Administration of the Association of Writers of Armenia]. Eriavan, vol. 7, no. 8, Aug. 1965.

LITERATURNAYA GRUZIYA [LITERARY GEORGIA]. Organ of Soluz pisatelei Gruzii [Association of Writers of Georgia]. Tiflis, vol. 9, no. 9, Sep. 1965.

LOOMING [CREATIVE WORK]. Issued by Eesti NSV Kirjanike Liit [Association of Writers of the Estonian S.S.R.], Tallinn, nos. 9-10, Sep.-Oct. 1965. [In Estonian]

MOLODAIA GWARDIA; literaturno-khudozhestvennyy i obshchestvenno-politicheskiy zhurnal [YOUNG GUARD; Literary and Socio-political Magazine]. Issued by T'Sentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluzu molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 9, Sep. 1965.

MOSKVA [MOSCOW]. Organ of Soluz pisatelei RSFSR and Moskovskoe otdeleniye Soluzu pisatelei RSFSR [Association of Writers of the R. S. F. S. R. and the Moscow Branch of the Association of Writers of the R. S. F. S. R.], Moscow, vol. 9, nos. 9-10, 1965.

NASH SOVREMENNIIK [OUR CONTEMPORARY]. Organ of Soluz pisatelei RSFSR [Association of Writers of the R. S. F. S. R.], Moscow, nos. 9-10, Sep.-Oct. 1965.

NEVA. Organ of Soluz pisatelei RSFSR and Leningradskoe otdeleniye Soluzu pisatelei [Association of Writers of the R. S. F. S. R. and the Leningrad Branch of the Association of Writers], Leningrad, no. 10, 1965.

NISTRUL [DNIESTER RIVER] Organ of the Association of Soviet Writers of the Moldavian S. S. R. Kishinev, vol. 34, no. 10, 1965. [In Moldavian]

OKTYABR' [OCTOBER] Organ of Soluz pisatelei RSFSR [Association of Writers of the R. S. F. S. R.]. Moscow, vol. 42, no. 9, Sep. 1965.

Table of contents translated
Kuznetsov, Valentin. - Balkal, On the Lena, Mountain cranberries, In memory of a friend, verse, p. 3.
Sobko, Vadim. - Fourth Company, a tale p. 5.
Lisnianskaia, Inna. - In a wooden house; verse, p. 81.
Lavrov, Il'ia. - Chained, a tale (conclusion), p. 83.
Kostiuk, Vladimir. - In Omsk a doctor..., I wander about in the city fog, verse, p. 137.
Triapkin, Nikolai. - Day of creation, a man scurries from store to store..., verse, p. 138.
Chistykhin, Vladimir. - Of what do the Russian forests lustle? p. 139.
Kuznetsov, N. G. - Before the war (to be continued), p. 158.
Chalmaev, V. - "Resounding flame," p. 190.
L. K. - Movie-geeks are the most important, p. 191.
Panteirov, A. - Second life, p. 193.
Klatchko, Larisa. - Debate is a serious "game," p. 195.
Makarov, A. - Quietly and sensibly, p. 202.
Bushin, V. - Wastrels recall..., p. 204.
Shkolin, M. - Party word of a poet, p. 206.
Vlasenko, A. - Test of durability, p. 208.
Sergeev-Tsenekil, S. N. - Reminiscences, p. 210.
Brief book reviews, p. 221.

PERGALĖ [THE VICTORY] Organ of Lietuvos TSR rasytojų sąjunga [Association of Writers of the Lithuanian S. S. R.]. Vilnius, nos. 9-10, 1965. [In Lithuanian]

POD'EM [UPSWING]. Issued by Voronezhskoe otdelenie Soluza pisatelei RSFSR [Voronezh Branch of the Association of Writers of the R. S. F. S. R.]. Voronezh, no. 4, July-Aug. 1965.

POLYMIA [FLAME]. Organ of Soluz pis'mennikov BSSR [Association of Writers of the White Russian S. S. R.]. Minsk, vol. 43, no. 10, Oct. 1965.

PRAPOR, Istoriaro-ukhozhnii i hromads'ko-politychnyi zhurnal [BANNER; Literary and Sociopolitical Magazine]. Issued by Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine]. Kharkov, no. 9, 1965.

PROSTOR [WIDE-OPEN SPACES]. Issued by Soluz pisatelei i TsK LKSM Kazakhstana [Association of Writers and the Central Committee of the Lenin Communist Youth League of Kazakhstan]. Alma-Ata, vol. 32, no. 10, Oct. 1965.

RADIANS'KE LITERATUROZNAVSTVO [SOVIET LITERARY REVIEW]. Organ of Institut literatury im. T. H. Shevchenko Akademii nauk URSR and Spilka pys'mennykh Ukrainy [Shevchenko Institute of Literature of the Academy of Sciences of the Ukrainian S. S. R. and the Association of Writers of the Ukraine]. Kiev, vol. 9, no. 8, Aug. 1965.

Table of contents translated
Hordienko, Anatoli. - Creative freedom and intuition of the artist, p. 3.
Hancharuk, M. - Volodymyr Samilenko as feuilletonist, p. 18.
Ivan'o, I. V. - Genre of fables in the works of G. Skovoroda, p. 24.
Polotai, A. - Shevchenko and Bodianskil, p. 34.
Osmolova'kyl, V. F. - M. E. Saltykov-Schedrin and the Ukraine, p. 45.
Davydova, Iryna. - Oleksandr Levada, p. 56.
Iudin, I. M. - The "Society for Aid to Writers and Scholars" comes to the assistance of the family of M. Kotsiubyns'kyl, p. 69.
Syrovotolov, B. M. - V. I. A. Brusov as an assistant editor of an anthology of Ukrainian literature, p. 71.
Bondarenko, N. I. - Verse of Goethe as translated by O. Navrots'kyl, p. 73.
Hol'din, F. L. - For the creative study of literature in the schools, p. 92.
M. H. - Meeting of Ukrainian and Slovak scholars, p. 93.
V. H. - Republic Conference of Young Scholars, p. 93.
Stavys'kyl, O., Pylypchuk, R. - Jubilee of M. L. Kropyvnyts'kyl, p. 94.
Danylo, P. I. U. - Lelans'kyl, V. - Academic conferences devoted to M. Ryl's'kyl, p. 96.
V. L. - In memory of Dante Alighieri, p. 96.
Kocherha, I. U. - New publications of the "Dnipro" publishing house, p. 96.

RADUGA [THE RAINBOW] Organ of Pravlenie Soluza pisatelei Ukrainy [Administration of the Association of Writers of the Ukraine]. Kiev, vol. 15, no. 10, Oct. 1965.

RUSSKAIA LITERATURA [RUSSIAN LITERATURE]. Issued by Institut russkoi literatury Akademii nauk SSSR [Institute of Russian Literature of the Academy of Sciences of the U. S. S. R.]. Leningrad, vol. 8, no. 3, 1965.

SEVER [THE NORTH] Issued by Soluz pisatelei Kar'el'skoi ASSR and Arkhangel'skoe i Vologodskoe otdeleniia Soluza pisatelei RSFSR [Association of Writers of the Karelian A. S. S. R. and the Archangel and Vologda Branches of the Association of Writers of the R. S. F. S. R.]. Petrozavodsk, vol. 26, nos. 3-4, May-Aug. 1965.

SHARK IULDUZI [STAR OF THE EAST]. Organ of the Association of Soviet Writers of Uzbekistan, Tashkent, vol. 33, nos. 8-9, Aug. - Sep. 1965. [In Uzbek]

SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Soluz pisatelei RSFSR and Novosibirskoe otdeleniia Soluza pisatelei [Association of Writers of the R. S. F. S. R. and the Novosibirsk Branch of the Association of Writers]. Novosibirsk, vol. 44, no. 10, 1965.

SOVET EDEBİYATY [SOVIET LITERATURE]. Organ of Soluz sovetskikh pisatelei TSSR [Association of Soviet Writers of the Turkmen S. S. R.]. Ashkhabad, no. 8, Aug. 1965. [In Turkmen]

SOVETAKAN GRAKANUTUN [SOVIET LITERATURE]. Organ of the Association of Soviet Writers of Armenia. Eriivan, nos. 7-8, 1965. [In Armenian]

STUDENT; zhurnal avangarda sovetskoi literatury [STUDENT; Journal of the Avant-garde of Soviet Literature]. London, nos. 2/3-4, 1964.

URAL. Issued by Sverdlovskoe otdeleniia Soluza pisatelei RSFSR [Sverdlovsk Branch of the Association of Writers of the R. S. F. S. R.]. Sverdlovsk, vol. 8, no. 9, Sep. 1965.

VITCHYZNA [OUR COUNTRY]. Organ of Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine]. Kiev, vol. 33, no. 9, Sep. 1965.

VOPROSY LITERATURY [PROBLEMS OF LITERATURE]. Organ of Soluz pisatelei SSSR and Institut mirovoi literatury Akademii nauk SSSR [Association of Writers of the U. S. S. R. and the Institute of World Literature of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 9, no. 8, Aug. 1965.

Table of contents translated:
Osetrov, E. - Paradoxes of criticism, p. 3.
Ritukov, I. U. - Three attractions, polemic remarks on love and literature, p. 25.
Bikmukhametov, R. - From a study of characteristics to a study of natural phenomena, p. 48.
Dzhafar, M. - Concreteness is the most important, p. 59.
Kedrina, Z. - Natural phenomenon of a miracle, p. 64.
Iomidze, G. - Is this critical realism? p. 73.
Bakhtin, M. - Words in novels, p. 84.
Shklovskii, V. - Genres and solution of conflicts, p. 91.
Surovsev, I. U. - On the road of new methods, p. 102.
Korynina, S. - Highest moral force, p. 127.
Koryukovskii, Kornel. - Personality of a writer is unique, p. 144.
Brahman, B. - Vital water of art, p. 153.
Beliaev, V. - V. Bonch-Bruvich's views of Iaroslav Halan, p. 169.
Tsvelaeva, M. - Pushkin and Pugachev, p. 174.
Anninskii, L. - After the jubilee, p. 186.
Chudakova, M. - Accuracy of the author's position, p. 203.
Nikolov, D. - Journey for a quotation, p. 206.
Kubilus, V. - At a new stage, p. 210.
Bylov, V., Mal'sagov, A. - Folklore of the Vainakhs and its publication, p. 213.
Bukharin, B. - Nekrasov as lyric poet, p. 218.
Andreev, V. - Russian-Bulgarian literary ties of the twentieth century, p. 218.
Anikat, A. - The hundredth Shakespearean yearbook, p. 224.
Arkin, I. - Living methods or dead schemes? p. 225.
Iudkevich, L. - The bard and Ukrainian romanticism, p. 228.
Skripitsin, P. - Don't repeat what is known! p. 230.
Alteva, S. - New publication of the "Diary" of Jules Renard, p. 231.
Polacek, K. - Remorse, p. 233.
Leibson, V. - Temporarily distracted..., p. 234.
Lazarov, L., Rassadin, S., Sarnov, B. - From the cycle "On the strangeness of love," p. 237.

Admiral'skii, A. - How to write an article, p. 239.
Literary life, p. 243.

Vol. 9, no. 9, Sep. 1965.

Table of contents translated
Iakovlev, B. - Responsibility before the truth, p. 3.
Petrovskii, V. - "Days" and years of poetry, p. 25.
Literature and history, p. 46.
Zlobin, S. - Tasks of the novel, p. 50.
Pavlovskii, K. - Feeling of history, p. 54.
Gudaltis-Guzvicius, A. - On the road of the revolution, p. 58.
Glackov, A. - Necessity and the limits of imagination, p. 62.
Ivanov, V. N. - Truth of reality, p. 70.
Sevants, G. - To write only the truth, p. 72.
Korallov, M. - Muses, heroes, time, remarks of a critic, p. 75.
IAn, V. - Journeys into the past, p. 98.
Gural'nik, U. - Literature, motion pictures, and the school, p. 117.
Davydov, I. U. - The devil of Adrian Leverkühn, p. 139.
Vel'kovskii, S. - Invitation to think; on the problem of "alienation," p. 166.
Salganik, M. - The British Commonwealth of Nations and literature, p. 190.
Rozen, M. - Novels of the classicists in our times, p. 195.
Bykov, V. - American critics on Jack London, p. 198.
Pisakovich, M. - Evolution of the poetry of Bagritskii, p. 207.
Densova, I. - Creative path of a poet of the revolution, p. 210.
Sholom, F. - From the history of Ukrainian satire and humor, p. 212.
Pokusev, E. - "Erudite republic," p. 215.
Makushin, S. - New biography of Shchedrin, p. 217.
Balashov, P. - History of American literature and our times, p. 223.
Motyleva, T. - With a love for literature, p. 227.
Matichenko, A. - To the reader of poetry, p. 230.
Kamianov, V. - Wonders of declamation, p. 231.
Berlovskii, L. - Return to literature, p. 232.
Druggen, V. - In a constellation of equals, p. 233.
Selivanov, F. - The Russian heroic epos, p. 234.
Poltakova, M., Rakishutskii, M. - This would be funny..., p. 236.
Lubishchev, A. - Studies on Dadaism, p. 238.
Shchelkan, S. - The last mystery, p. 240.
White, C. B. - Across the road and into the restaurant, p. 241.
Literary life, p. 244.

VOZROZHDENIE [RENAISSANCE]. Paris, no. 166, Oct. 1965.

ZHOVTEN' [OCTOBER]. Organ of Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine]. Lvov, no. 8, 1965.

ZHULDYZ [STAR]. Issued by Soluz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, no. 9, Sep. 1965. [In Kazakh]

ZVEZDA [THE STAR]. Organ of Soluz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Leningrad, no. 7, July 1962.

Table of contents translated
Ivanov, Leonid. - Meditations over beacons, p. 3.
Kleshchenko, A. - When the fog lifts; a tale, p. 31.
Akhmatova, Anna. - From the cycle "Ditties", Images of antiquity: Michal; verse, p. 94.
Shekhter, Mark. - From the book "Lyric weather", verse, p. 95.
Gor, Gennadii. - Wanderer and time, a science-fiction tale (conclusion), p. 96.
Malyshev, Nikolai. - From my childhood; April was stormy in Oymyakon; Lovely grass, Dream; verse, p. 135.
Makarov, Sergei. - I haven't forgotten...; Autumn; Village elders; To the farmer; verse, p. 136.
Sokolov, Pavel. - In a carpenter shop; Work; Earth; verse, p. 137.
Tikhonov, Igor'. - Starry milk; Life didn't begin with a tale; verse, p. 138.
Burygin, Iurii. - Light of a star; Steppe; verse, p. 139.
Murav'ev, Grigorii. - Out hunting; verse, p. 140.
Pai'chikov, Vladimir. - Ballad of a legacy, verse, p. 140.
Smirnov, N. - Deed of Warrant Officer Chugunov, p. 141.
Fedorov, N. - A man has recovered, p. 142.
Il'in, L. - Milk from Lyuban', p. 143.
Lilin, Viktor. - Apartments in 1976, p. 144.
Vesolodov, K. - Kitchen combination, p. 145.
Kirichenko, A. - In a land of birds, p. 146.
Lavovetskii, Dm. - At the sea gates of Leningrad, p. 147.
Ershov, D. - We must not linger anymore, p. 151.
Shevchenko, A. - Let's protect our forests and rivers, p. 152.
Sergeenko, A. P. - From reminiscences about L. N. Tolstoi (to be continued), p. 155.

- Dneprov, V. - Delite about the nature of the novel p. 163
- Nazarenko, V. - Attack or retreat? p. 161
- Uralov, A. - March of solemn thought, about the poetry of N. Ushakov p. 169
- Filitsin, A. - Arkh. Kuznetsov, on the eightieth anniversary of his birth p. 196
- Kamov, B. - Centenary of the Lenin State Library. p. 189
- Ershov, I. - Availing a miracle, about Tatiana Esenin's tale "Zemli, mistle of the 20th century." p. 205
- Glebov, P. - Literary youth of Leningrad, about the collection "Young Leningrad" p. 208
- Mikhailovskii, N. - I. V. Buklin's memoirs "Pages of life." p. 211
- Novoselova, K. - A. Shalimov's stories "Geologic compass" p. 214
- Stakhov, V. - V. Nazarenko's monograph "Language of art." p. 212
- Travinskii, V. - Problems of newspaper genres p. 213
- Liubimskii, S. - I. E. Barenbaum's account of N. A. Serno-Solov'evich (1834-1886). p. 214
- Kuz'marskii, L. - Jose Antonio Portuondo's monograph "Outline history of Cuban literature" p. 214
- Belousova, R. - Aron Bolstad's book "Without a mask" p. 215
- Varshavskii, I. - Diary, a humoresque p. 216
- Korfun, M. - Verse Translated from the Armenian by E. Il'm. p. 218
- Ridimov, S. - From a satirist's notebook p. 218
- Benchley, Robert. - Family life in America Translated from the English by G. Lev. p. 219
- Dusia, Aunt. - From the editor's wastebasket p. 220
- Mournful notes. p. 221.
- No. 7, July, 1963.
- Table of contents translated:
- Nekrasov, Georgii. - I see Lenin, verse. p. 3.
- Akhvilev, Anatolii. - We have seen a sea of misfortune. . . , verse p. 4.
- Shentinskii, Oleg. - Communists, verse. p. 5.
- Krivitskii, Mikhail. - Armored car, verse p. 6.
- Iavorskaia, Nora. - Here they wanted to kill me. . . , verse p. 7.
- Maulenov, Syrhal. - Song of joy, verse Translated from the Kazakh by L. Krivoshechikov p. 8.
- Babakov, Marmarasul. - Portrait, verse Translated from the Uzbek by G. Nevskii. p. 9.
- Zagorski, Jerzy. - Flying from Leningrad, verse. Translated from the Polish by Bronislav Kezhun p. 10.
- Zimmerling, Max. - Great strength, verse. Translated from the German by E. Et'kind p. 11
- Krakovskii, Vladimir. - Return to the horizon, a tale p. 13.
- Shestakov, Iuvan. - Song of awakening, a poem. Translated from the Mansi by Natalia Grudnina. p. 115.
- Radishchev, Leonid. - By the bonfire, a story. p. 121.
- Il'ichev, Iakov. - Bread and mountains, a story. p. 123.
- Tublin, Valentin. - Until the steamship arrived; a story p. 130.
- Prusov, Georgii. - Driver of a trolley bus; a story. p. 135.
- Khomakov, Tat'iana. - Paternal home. p. 137.
- Belina, A. - Two destinies. p. 144
- Akhmov, A. - According to a former address. p. 150.
- Lilin, V. - "Pulemet" throws a burst of fire. p. 151.
- Vechtomova, Elena. - Three meetings p. 153.
- Baturin, F. - Roads lead to Novosibirsk. p. 154.
- Nikitin, Nikolai. - At the sources of an epoch. p. 158
- Kheifets, M. - Bolshevik warehouse in the capital of an empire. p. 160.
- Brykin, Nikolai. - Dinsk reveilles p. 160.
- Panch, M. - A teacher, simply a teacher. . . ; pages of life. p. 163.
- Azarov, Vsevolod. - Matkovskii today, on the seventieth anniversary of his birth p. 161.
- Kaminskii, V. - Position of the artist and freedom of creativity. p. 195.
- Filatova, A. - Trilogy on the Prometheus of the revolution; "Mar's youth," "Stealing of fire," and "Heights of life" by Galina Serebriakova. p. 203.
- Zyrin, A. - Heroic emotion of simple fates, on Georgii Markov's novel "Father and son." p. 205
- Grinberg, I. - Path leading to peace, "Karabakh poem" by L. Gurants. p. 206.
- Novoselov, E. - Vasilii Kukushkin's novel "High position." p. 210.
- Danchich, Alisa. - Boris Dubrovlin's tale "End of silence." p. 211.
- Mikhailov, Igor'. - The collection of verse "Earth" by Leonid Ageev. p. 211.
- Popova, L. - "Beloved Il'ich" and "Falling stars", two booklets of verse by V. Krutetskii. p. 212.
- Evdlov, L. - "Museum of friends" by I. Igin and M. Svetlov. p. 212.
- Nazarenko, Iak. - S. V. Kastorski's books "Dramaturgy of M. Gor'kii" and "Gor'kii the artist," p. 213.

- Titova, G. - "Memoirs of the heart" by N. Lunachai - skala-Rozenel". p. 214.
- Koptev, IU., Nivinskii, V. - Split personality, a story. p. 215
- Danilev, P. - Questionnaire from the White House. Translated from the French by A. TSigurs. p. 219.
- Gilovich, Aleksandr. - From the cycle "On Parnassus", verse. p. 220
- Reznitskii, P., Turkin, V. - From a humorist's notebook. p. 221
- Dusia, Aunt. - From the editor's wastebasket. p. 221.
- Mournful notes. p. 222.
- No. 9, Sep. 1963.
- Table of contents translated
- Voevodin, Vsevolod. - Madcap (fate of a sailor), a novel (to be continued). p. 3.
- Nekrasov, Georgii. - Wind of the times, verse. p. 68.
- Shmidt, Boris. - To a young contemporary, A letter arrived, Poetry; verse. p. 72.
- Obukhova, Lidia. - Wonderful lands, travel diaries of a second trip (conclusion). p. 74.
- Sazonov, Mikhail. - Blacksmith, Mountain climbers; On the border, Mundane affairs, verse. p. 90.
- Trainin, Isaak. - Always on the go, verse. p. 101.
- Burygin, Iurii. - Crossroads; A certain syllable broke the rhythm. . . ; Venus; verse. p. 103.
- Sokolov, Vasilii. - Underbrush, Men build a road, verse. p. 104
- Borisov, Leonid. - In anguish and in glory, a tale (conclusion). p. 105.
- Russell, Bertrand. - Satan in the suburbs, a story. Translated from the English by Grigorii Lev. p. 123.
- Belina, Vadim. - Contemporaries. p. 146.
- Borin, IU. - Stone coming to life. p. 154.
- Cherkasskii, M. - "Doctor, I hear!" p. 155.
- Rakutskaya, L. - Tractor-woodcutter. p. 156.
- Lantsov, V. - Peaceful pistols. p. 157.
- Kirichenko, A. - Sun in a goblet. p. 158.
- Sysolko, Mikhail. - May the orchards of the North blossom. p. 160.
- Belinskii, A. - Sitting next to the driver. p. 163.
- Iashin, Mikhail. - Chronicle of the pre-duel days (conclusion). p. 168.
- Urban, A. - Life of an image. p. 188
- Kucherov, A. - Tales of mountains and the steppe. p. 196.
- Rylenkov, N. - Formation of a great poet; marginal notes in the collected works of Sergei Esenin p. 200
- Val'be, Bot. - Classic of Soviet dramaturgy, on the 65th anniversary of the birth of D. A. Trennev. p. 204
- Liubimskii, S. - R. Peresvetov's book "Search for a priceless legacy." p. 207.
- Podcosov, A. - V. Belina's collection of stories entitled "Good evening." p. 207.
- Lazarev, M. - The book "My sister Bulgaria" by A. V. Eisner. p. 208
- Abramov, A. - IU. Goncharov's tale "Deserter." p. 209.
- Kuratov, Andrei. - The book of verse "Cherished fires" by Bronislav Kezhun. p. 209.
- Belousova, G. - Vladislav Shostin's collection of verse entitled "First thunder." p. 210.
- Kutov, Nik. - The book of verse "Expectation" by L. Shechpakhina. p. 210.
- Kamov, Boris. - "Stories about willers" by G. Mun-bill p. 211.
- Shakhidzhanian, V. - The book "Confession of a generation" by B. Grushin and V. Chiklin. p. 211.
- Maltarova, Irina. - N. Tagrin's book "In quest of the unusual." p. 212.
- Levitin, Mikh. - Complaint queller, a story. p. 213.
- Argo. - Two orders, a parody. p. 218.
- Moravia, Alberto. - Happiness in a store window; a story. Translated from the Italian by A. Sergeev. p. 218
- Dusia, Aunt. - From the editor's wastebasket. p. 220.
- Mournful notes. p. 221.
- No. 6, June 1964.
- Table of contents translated:
- Triumph of Leninist principles. p. 3.
- Tublin, V. - Encounter with a friend, a tale. p. 8.
- Shervinskii, S. - Six poems. p. 38.
- Tkhorzevskii, Sergei. - On high water; a story. p. 40.
- Kleshchenko, A. - Debt; a story. p. 46.
- Verse of Azerbaijani poets translated by Vladimir Kafarov and Anisim Krongauz:
- Vurgun, Samed. - Spring and me. p. 60.
- Rustam, Suleiman. - Baku is really all of us. p. 60.
- Rza, Rasul. - You said. p. 61.
- Saryvelli, Osman. - Two words in the Pula language. p. 63.
- Dzhamil', Akhmed. - April morning. p. 62.
- Ibragim, Mamed. - Nobel Prize. p. 63.
- Vagab-Zade, Bakhtilar. - From earth to the sky, I'm yours forever, love, all yours already. p. 64.
- Kurchally, Allaga. - In Sabir's garden. p. 64.
- Khazri, Nabil (Babaev). - Karabakh roads. p. 65.
- Fikret Sadyg. - Nova River. p. 65.
- Gusein-zade, Gusein. - Share with me. . . ; As the sun; When you didn't come to school. p. 66.

- From new Uzbek lyrics translated by S. Severchev:
- Gullam, Gafur. - Snow. p. 67.
- Shatipov, Khushiddin. - Your palm. p. 67.
- Dababdzhan, Ramiz. - Spring. p. 68.
- Ulug. - Small spring. p. 68.
- Klimenchenko, Iurii. - Alien winds, from a captain's notes written while sailing distant seas. p. 68.
- Khrushanovskii, A. - Land and forest. p. 123.
- Levin, IV. - Transformation of stone. p. 146.
- Baturin, F. - What an oscillograph reveals. p. 149.
- Polzunov, M. - Experiment in Kansk. p. 150.
- Kondratov, A. - "Kokhar romgo" ongo keeps a secret. . . . p. 152.
- Pollonak, A. - Nuremberg epilogue (conclusion). p. 162.
- Beilin, A. - Purpose of life. p. 166.
- Ziuzin, V. - The "case" of A. M. Gor'kii's trip to Czechoslovakia. p. 193.
- Andrei Aleksandrovich Khushanovskii; an obituary. p. 195.
- Mendelson, M. - Second birth of Sinclair Lewis. p. 196.
- Messer, R. - Mature experience of a contemporary. p. 204.
- Gorelov, Al. - Igor Muratov's tale "Thou once lived a widow." p. 212.
- Kurganov, V. - A. Stepanov's novel "The Zvonarev Family." p. 213.
- Kutov, N. - On the collection of verse "Continuation of songs." p. 213.
- Solov'ev, V. - Aleksandr Deich's book "Poetic world of Heinrich Itten." p. 214.
- Bilinskii, IA. - A. S. Dolinin's book "Last novels of Dostoevskii." p. 214.
- Manuilov, V. - V. P. Vichinskii's book "Kammatin Mikhailovich Stankovich." p. 215.
- Bergshadskii, Rud. - Half-hundred for nothing; Fulfilling responsibilities; stories. p. 216.
- Bel'tukov, G. - Useful advice; a true story. p. 219.
- Verse by IV. Cherniakov and others. p. 220.
- Stepan, Dorian. - By the way. p. 222.
- Mournful notes. p. 222.
- No. 9, Sep 1965
- Table of contents translated
- Glinka, Mikhail. - The launch; a tale p. 3
- Shetov, Vadim. - Militant planet, Portents, We live on the roof of the earth. . . . Photographing the body and extremities. . . . Lithic, Relaxation, verse p. 42.
- Andreev, Vadim. - Wild field, a novel (conclusion) p. 45.
- Aishutov, A. - Captain's hour, The idler, verse. p. 100
- Kezhun, Bronislav. - Syabronitsy; First step; At Derzhavin's grave; Kindness did not shine in vain. . . . verse p. 102.
- Botvinnik, Semen. - Spring and the awakening of the birches. . . . Autumnal beach, Night gray from the frost. . . . verse. p. 104.
- Minchikovskii, Aik. - Min, Evig. - Unfinished talk, a play p. 106
- Verse of Bulgarian poets.
- Stolcanov, Ludmil. - Ballad of the twentieth century. Translated by Maria Komissarova p. 136.
- Matov, Pavel. - Fire Translated by A. Prokof'ev. A. Chepurov. Desire. Translated by O. Shentinskii p. 137.
- Gruboshilova, Maria. - My Motherland. Translated by Maria Komissarova. p. 138
- Karastanov, Slav, Khr. - To my son. Translated by O. Shentinskii. p. 138.
- Stolkov, Rashko. - A toast. Translated by O. Shentinskii p. 139
- Davidkov, Ivan. - Early streetcards. Translated by G. Pagliev. p. 139
- Vylchev, Naldon. - Feeling Translated by Petr Zhur. p. 139
- Zhestov, Mikh. - Glinkiye Porogi. p. 140.
- Volkov, Oleg. - Torzhok is an old city. p. 170
- Saparov, A. - Thirteen days in France. p. 175.
- Ivanovskii, A. - From the reminiscences of a motion-picture producer. p. 181.
- Zhur, Petr. - About a friend and brother, from new materials for the biography of T. H. Shcherbchenko. p. 198.
- Kaminskii, V. - On the creative individuality of writers. p. 202.
- Filatova, A. - Poetry of struggle, on the centenary of the birth of IAN RAINIS p. 200.
- Mournful notes. p. 218.
- Retorts. p. 220.

ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soluz pisatelil Uzbekistana [Association of Writers of Uzbekistan]. Tashkent, vol. 33, no. 8, 1965.

12. GEOGRAPHY & GEOLOGY

a. ETHNOLOGY

SOVETSKAIA ETNOGRAFIYA [SOVIET ETHNOGRAPHY]. Issued by Institut etnografi. Akademi nauk SSSR [Institute of Ethnography of the Academy of Sciences of the U.S.S.R.], Moscow, no. 3, May-June 1965.

Table of contents translated:

Results of the work of the Seventh International Congress of Anthropological and Ethnographical Sciences, p. 3.

- Tugolukov, V. A. - Changes in the economy and mode of life of the Evenki in Irkutsk Province for a period of 150 years. p. 12.
- Zolotareva, I. M. - Anthropological research on the Dolgans. p. 27.
- Frolov, V. - The large family and its dwelling in western Bulgaria. p. 40.
- Chesnov, I. A. V. - Specific features of the pile dwellings in Southeastern Asia. p. 59.
- Vdovin, I. S. - V. G. Bogoraz, explorer of the languages and culture of the peoples of Northeastern Siberia, the 100th anniversary of his birth. p. 70.
- Petrova, O. P. - Ancient Japanese kinship terms. p. 79.
- Kulikov, M. V. - Study of the Japanese kinship system. p. 90.
- Volchok, B. I. A. - The Onge of the Andaman Islands. p. 99.
- Bogina, Sh. A., Kruplanskaya, V. I. U. - Ethnographical study of cities and industrial communities, based on materials of the Symposium of the Seventh International Congress of Anthropological and Ethnographical Sciences. p. 110.
- Tavakildze, I. N. - The Georgian chest "skivil". p. 118.
- Benikhtam, T. A. - An artistic tradition in the North of the Archangel Province, 18th and 19th centuries. p. 124.
- Vasilievich, G. M. - The ethnic name "saman-samai" among the peoples of Siberia. p. 139.
- Lebedinskaya, G. V. - Correlation between the dimensions of the soft tissues and the bone base of the nose. p. 140.
- Salmanovich, M. I. A. - Sergei Aleksandrovich Tokaev, on the occasion of his 65th birthday. p. 152.
- Alekseev, V. P. - I. A. Roginskii's seventeenth birthday. p. 153.
- Zolotarevskaya, I. A. - Work of the Institute of Ethnography of the Academy of Sciences of the U.S.S.R. in 1964. p. 155.
- Reshetov, A. M. - A new exhibit "Peoples of the Mongolian People's Republic" in the Museum of Anthropology and Ethnography of the Academy of Sciences of the U.S.S.R. p. 162.

VOПРОСЫ АНТРОПОЛОГИИ [PROBLEMS OF ANTHROPOLOGY]. Issued by Moskovskii gosudarstvennyi universitet [Moscow State University], Moscow, no. 16, 1961.

- Table of contents translated
- Smirnova, N. S. - Present state of the investigation of the composition of the human body. p. 3
- Alekseeva, T. I. - Evaluation of the mineral content of some parts of the human skeleton. p. 18.
- Babkin, P. S. - Phylogenetic aspect of some clinical variants of the motor sphere of man. p. 29
- Iurovskaya, V. Z. - Ontogenic changes in the musculature of the pelvic femoral joint of man in comparison with a quadruped mammal. p. 41
- Guseva, I. S. - The depth of the fossa canina in the morphological and racial diagnostic aspects. p. 51.
- Pavlovskii, O. M. - Results of repeated X-ray photometric investigation of the extent of mineralization of some portions of the human skeleton in living individuals. p. 60.
- Gladkova, T. D. - Materials on the dermatoglyphics of Kazakhs. p. 77
- Solov'eva, V. S. - Formation of the secondary sexual characteristics in relation with the general development of the adolescent organism. p. 87
- Tolcheva, V. I. - Some anthropological indices of the normal pelvis in women. p. 99.
- Kolokolova, E. P. - Changes in the relation of the length of the body and intestine in the embryonic, prenat and fetal periods in man. p. 109
- Fabri, K. E. - The attitude of lower monkeys toward transparent object as connected with the biological preconditions of anthropogeny. p. 116.
- Zalkind, N. G., Polnikov, S. P. - Craniological material from Bedell-ata in southwestern Turkmenia. p. 121.
- Masharskii, E. A. - Diversity in the quality of the structure of the human skull and ways for its detection. p. 124.
- Alekseeva, L. I. - New finds of remnants of the bones of monkeys of the family Cercopithecidae on the southern territory of the European U.S.S.R. p. 129.
- Todorov, Konstantin D. - The problem of nutrition in relation to anthropogenesis. p. 135.
- Nesturkii, M. F. - Second Congress of the Psychological Society. p. 139
- Reshetov, I. U. G. - Finds of the skeletal remains of an Australopithecus in West Africa. p. 139.
- Reshetov, I. U. G. - Once more on the "Prezinfanti ophus" L. Leakey. p. 140
- Fedorov, N. P. - V. V. Radlov's role in expanding the craniological collections of the Museum of Anthropology and Ethnography of the Russian Academy of Sciences. p. 142.

b. GEOGRAPHY

GEOGRAFIЧЕСКОЕ ОБЩЕСТВО СССР. Омский отдел. Известия [GEOGRAPHIC SOCIETY OF THE U.S.S.R. Omsk Branch. Bulletin]. Omsk, no. 6(13), 1961.

- Table of contents translated
- Chislakov, V. N. - Prospects for using thermal waters in Omsk Province. p. 3
- Kuz'min, A. I., Natsuk, N. S. - Practice in plotting maps of underground waters as a basis for designing wells, as exemplified by the Chertak Agricultural Administration, Omsk Province. p. 13
- Karantsevich, I. V., Mezentshev, V. S. - Seasonal distribution of total evaporation on the territory of Omsk Province. p. 17.
- Kulaginichev, N. I. - Determining norms for the annual runoff on the basis of its maximum rate, as exemplified by the southern part of Omsk Province. p. 27.
- Borilov, P. V. - On the possibility of forecasting the Irtysh River break-up time depending on the changes in solar activity. p. 33
- Fedushin, A. V. - Qualitative differences of the intra- and interspecific relations of organisms in the light of recent data. p. 59
- Bitchikina, V. A. - Results of the introduction of bream and the whitefish *Coregonus albula* in Lake Ir, Omsk Province. p. 77
- Beinikov, V. V. - Problems of land improvement by afforestation in Western Siberia. p. 53
- Flakov, D. N. - Retracing Ivan Dmitrievich Bukhol'ts' steps. p. 61
- Kolesnikov, A. D. - Russian settlement of the forest-steppe of the Irtysh Valley in the 18th century. p. 67
- Palashenkov, A. F. - From Omsk to the central Tien Shan, notable places. p. 89.
- Izchichko, V. I. - Improving cows' butterfat production in Siberia. p. 113
- Zybin, A. S. - The pike perch in the Irtysh. p. 119
- Drozdo, V. N. - Study of the mollusk fauna of the lower reaches of the Om' River. p. 120
- Drozdo, V. N. - Description of the land-mollusk fauna of the Irtysh Valley taiga. p. 123.
- Flakov, D. N. - Two-sided topographic maps. p. 124
- Kulaginichev, N. I. - Popular knowledge of dam construction without using stone and gravel. p. 127
- Palashenkov, A. - Through the places connected with N. M. Pizheval'skii. Sloboda; on the 75th anniversary of the traveler's death. p. 129.
- Palashenkov, A. - From F. M. Gromov's stories about N. M. Pizheval'skii. p. 132.
- Kulaginichev, N. I. - The Third Academic and Production Conference on the Problems of Hydraulic Engineering Construction in Siberia. p. 135.

ГЕОГРАФИЯ В ШКОЛЕ [GEOGRAPHY IN SCHOOLS] Issued by Ministerstvo prosveshcheniya RSFSR [Ministry of Education of the R. S. F. S. R.], Moscow, no. 5, Sep.-Oct. 1965.

ЛЕНИНГРАД. ГОСУДАРСТВЕННЫЙ ГИДРОЛОГИЧЕСКИЙ ИНСТИТУТ. Труды [STATE HYDROLOGICAL INSTITUTE. Transactions]. No. 115, 1964. Use of automation, radioelectronics, and nuclear radiation in hydrologic research.

- Table of contents translated
- Dinaksian, A. M., and others. - Operating principle and description of the basic nodes of the first variant of an automatic telemetering system. p. 3.
- Kuznetsov, A. F., Bogomolov, A. M., Neizanova, G. P. - Experimental study of the functional nodes of a processing device of the automatic hydrologic telemetering system. p. 14.
- Bogomolov, A. M., Kousov, N. A. - Use of the functional node method of designing in the construction of automatic measuring devices. p. 63.
- Petrov, V. P., Dinaksian, A. M. - Methodology of calculating the reliability of radioelectronic devices in designing hydrometeorological telemetering stations, systems, and instruments. p. 81
- Petrov, V. P. - Problems of technical and economic analysis in designing hydrometeorological automatic systems and instruments. p. 123.
- Voznesenskii, N. N. - Measuring small concentrations of radioactive substances. p. 130.
- Samurenko, I. Z. - Study of the radioactivity of inland waters. p. 144.

No. 118, 1965. Studies and forecasts of the water regime of rivers.

- Table of contents translated:
- Altushinskaya, N. M. - Formation of spring runoff and the prediction of discharges according to data on snow melt. p. 3.
- Norikhovskii, R. A. - Calculations of water volume in the riverbed network of a watershed. p. 92.
- Nezhikhovskii, R. A. - Methods of constructing water-volume curves. p. 149.

- Gurevich, M. I. - Use of L. A. Vitel's' synoptic-climatologic method for forecasting annual streamflow. p. 177
- Anishina, N. A. - Synoptic conditions of the formation of annual flow of rivers of the northwest of the U.S.S.R. and the possibility of forecasting it. p. 247

No. 119, 1965. Formation of the chemical composition of the waters of local runoff.

- Table of contents translated
- Vorontsov, P. P. - Hydrochemical principles of the desalination process and the soda period of the hydrocarbonate stage of the drainage areas of northern Kazakhstan and the Altai plain (slope, river, and lake waters). p. 7.
- Chantadze, Z. I. - Hydrochemical characteristics of the formation of local runoff under conditions of the mountain drainage areas of Georgia. p. 63
- Skakalskii, B. G. - Characteristics of the formation of the chemical composition of the waters of local runoff in the Shelon' River watershed. p. 67.

No. 122, 1965. Studies of base flow into rivers.

- Table of contents translated:
- Popov, O. V. - General regularities of the formation of base flow into rivers in the U.S.S.R. p. 5.
- Amus'ia, A. Z., Ratner, M. S., Tikhili, I. F. - Regularities of the distribution of base flow into rivers along the territory of the mountainous Caucasus. p. 34.
- Feutsova, I. D. - Base flow of the Urals. p. 51.
- Nebozheva, N. P. - Evaluation of the base flow into rivers of the Kola Peninsula and Karelia. p. 67.
- Zektser, I. S., Kudella, B. I. - Base flow into the Baltic Sea. p. 82.
- Piguzova, V. M. - Evaluation of the base flow into rivers of the zone of ground frozen for many years. p. 87
- Kolesov, G. P. - Arctian feeding of rivers. p. 108.
- Pavlova, K. K., Suboch, V. V. - Evaluation of base flow in swampy drainage areas. p. 170.
- Iakushev, I. B. - Calculation of evaporation losses and regularity of flow in the evaluation of base flow of the trans-Volga region. p. 131.
- Vsevolozhskii, V. A. - Base flow into the lake basins of the southern part of the West Siberian Lowland. p. 142.
- Krivoshel, B. Z. - Evaluation of base flow into the rivers of the territory of the Kursk Magnetic Anomaly. p. 153.
- Markova, O. I. - Effect of karst on the flow of rivers of the Ay River watershed (western slope of the southern Urals). p. 163.
- Vodogorski, V. F. - Evaluation of the feeding of groundwater in different points of drainage areas in Kustanay Province. p. 160.
- Dogolnikov, S. N. - Structure of base flow into rivers. p. 200.
- Sharov, D. G. - Coefficient of base flow in the European part of the U.S.S.R. p. 217.

No. 124, 1965. Regime, theory, and methodology of measuring sediment.

- Table of contents translated:
- Shvartsman, A. I. A. - Study and calculation of turbidity in the shore region of a reservoir. p. 4.
- Krasushev, A. V. - Method of calculating sedimentation in reservoirs. p. 26.
- Malkavev, V. M. - Turbulence of channel streams. p. 40.
- Karasev, I. F. - Transporting power of turbulent streams and the deformation of a channel in bound soils. p. 55.
- Shvartsman, A. I. A. - Problems of the dynamics of the surf zone. p. 91.
- Petukhova, G. A., Iynov, I. U. N. - Study of bathymeters for sampling suspended sediment under conditions of a reservoir. p. 102.
- Solov'ev, N. I. A. - Theory of an apparatus for recording the movement of coarse sediment. p. 111.
- Tsnakov, P. D. - Flow of suspended sediment in the Lena River estuary. p. 125.

No. 127, 1965. Studies of the formation and calculations of streamflow.

- Table of contents translated:
- Sokolovskii, D. I. - Reasons for the prolonged discussion on the hydrologic role of the forests and the water balance of wooded and woodless basins. p. 3.
- Bochkov, A. P. - Influence of agrochemical and forest reclamation measures on the streamflow of forest-steppe and steppe regions. p. 10.
- Kuzin, P. S. - Influence of agrochemical measures on streamflow. p. 82.
- Ulusov, G. R. - Methodology of calculating water balance in relation to agricultural activity on the drainage area. p. 101.
- Bogolubov, S. N. - Formation of the storm runoff of small watercourses of the forest-steppe zone of the European part of the Soviet Union; according to materials of observations at the Nizhnedvinsk and Kamennaya Steppe experimental watersheds. p. 128.

- Zavodchikov, A. B. - Experience in calculating the hydrographs of spring floods by the genetic runoff formula. p. 155.
- Bochkov, A. P. - Making the calculation of mean annual precipitation more exact. p. 174.
- Sokolov, A. A. - Excess of the maximum discharges of summer and fall rain floods over the discharges of spring floods. p. 188.
- Gromova, R. V. - Generalization of the characteristics of rains in the Lake Balka region and Transbaikalia. p. 196.
- Andrianov, V. G., and others. - Study of the frequency and duration of periods of different water content of rivers of the U.S.S.R. p. 227.
- MOSCOW, GOSUDARSTVENNYI OKEANOGRAFICHESKIY INSTITUT. Trudy [STATE OCEANOGRAPHIC INSTITUTE. Transactions]. No. 85, 1965, Hydrochemistry of the sea.
- Table of contents translated
- Blinov, I. K. - Salt composition of sea water and ice. p. 5.
- Simonov, A. I. - Basic factors in the formations of the diurnal regime of oxygen in the surface layers of coastal waters. p. 56.
- Tserikova, A. P., Tsurikov, V. L. - Change of salinity in the mixing of waters. p. 72.
- Avinin, E. - Hydrochemical regime of the estuary area and shallows off the mouth of the Western Dvina (Narva) River. p. 101.
- Kirilova, E. P. - Regime of chlorine, alkalinity, and oxygen in the mouth of the Southern Bug. p. 155.
- Avinin, E. - Biogenic elements in the water of the Gulf of Riga. p. 172.
- L'vov, V. P. - Some data on the underground component of the water and salt balance of the Aral Sea. p. 207.
- Norina, A. M. - Hydrochemical characteristics of the northern part of the Barents Sea. p. 243.
- Drozdev, V. N. - Water and salt exchange between the Kuban limans and the Sea of Azov. p. 272.
- No. 86, 1965, Problems of hydrologic calculations and forecasts.
- Table of contents translated:
- Krydin, A. M. - Year-to-year changes in the iceiness of the Baltic Sea and the possibility of forecasting them on the basis of a calculation of the autumn and prewinter thermal state of the ocean and atmosphere. p. 3.
- Zorina, V. A. - Method of forecasting the spring ice phenomena in the Kurisches Haff and the Frisches Haff. p. 36.
- Khrol, V. P. - Method of calculating the volume of ice in the sea with a calculation of ice hummocks, based on the example of Baffin Bay. p. 44.
- Arsen'eva, N. I. A. - Method of calculating the water temperature of the active layer of the White Sea. p. 75.
- Rzhonsitskiy, V. B. - Calculation of the characteristics of tidal fluctuations by the "boundary value" method. p. 95.
- Kudlov, B. P., Ershadt, T. A. - Applicability of the dynamic method of calculating the elements of ocean currents in the Barents Sea. p. 109.
- Rozhkov, V. A., Vasil'ev, V. N. - Use of digital computers for the approximation of discrete fields. p. 112.
- Tarbeev, I. U. V. - Determination of stresses and strength of fast ice by bending caused by water level fluctuations. p. 124.
- Kochetov, S. V., Pomeranets, K. S. - Calculation of the vertical temperature profile in the sea. p. 144.
- OKEANOLOGIYA [OCEANOLOGY]. Issued by Okeanograficheskaya komissiya Akademii nauk SSSR [Oceanographic Commission of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 5, no. 4, 1965.
- Table of contents translated:
- Brodskiy, K. A. - Taxonomy of marine planktonic organisms and oceanology. p. 577.
- Makova, V. I. - Relation of the turbulence spectra of the surface layer of the atmosphere above the sea to the spectrum of the surface waves. p. 592.
- Shevtsov, A. T. - Some causes of variation in the characteristics of waters, based on the example of the Gulf Stream zone. p. 606.
- Sorkina, A. I. - Characteristics of the atmospheric circulation over the northern part of the Atlantic Ocean during the IGY and IGC. p. 614.
- Kin'din'shev, V. I. - Increase in density due to the mixing of waters in the process of the transformation of the Mediterranean water mass in the Atlantic Ocean. p. 617.
- Ovchinnikov, I. M., Plakhin, E. A. - Formation of the abyssal water masses of the Mediterranean Sea. p. 625.
- Filippov, D. M. - The cold intermediate layer in the Black Sea. p. 635.
- Dubrovskiy, B. I. - Volumetric statistical T-S analysis of water masses of the Arabian and Red Seas. p. 642.
- Baranova, D. D., Polikarpov, G. G. - Sorption of strontium-90 and cesium-137 by the aleurite slits of the Black Sea. p. 646.
- Ostapenko, A. P., Kovalevskaya, R. Z. - Content of suspended organic matter in the surface layer of sea waters. p. 649.
- Lron'tev, O. K., NIKHOL, L. G. - Causes of the planetary distribution of coastal bars. p. 653.
- Brondina, A. M., Aleksandrov, A. N. - Sedimentation in the shallows off the mouth of a river, based on the example of the Don River. p. 662.
- Panov, D. G. - History of the development of the Azov Sea during the Holocene. p. 673.
- Stroev, P. A., Galanov, A. G. - Structure of the earth's crust in the basin of the Indian Ocean according to data of geophysical research. p. 681.
- Litvin, V. M. - Origin of the bottom relief of the Norwegian Sea. p. 692.
- Nesis, K. N. - Some problems of the trophic structure of a marine biocenosis. p. 701.
- Mironov, O. G. - Role of sea birds in transmitting radioactive substances from the sea onto the land. p. 715.
- Novysh, V. V. - Accuracy of determining the vertical component of the geomagnetic field for an electromagnetic current meter. p. 718.
- Medvedevskiy, V. V. - Device for studying temperature distribution in the sea from a moving ship. p. 725.
- Lain, B. V. - Effect of the height of the above-water part of floes on the accuracy of determining the ice compression. p. 727.
- Khundzhia, G. G., Khristoforov, G. N. - Recording turbulent fluctuations in the electric conductivity of seawater. p. 734.
- Khallov, K. M., Bulakova, Z. P. - Possibilities of using gel filtration in chemical oceanography. p. 739.
- Agapova, G. V. - Quantitative characteristics of the inclination angle of the surface of the bottom of seas and oceans. p. 748.
- Kort, V. G. - Plan of the "General scientific principles of the multilateral study of the world ocean". p. 753.
- Basakov, A. G. - Aleksandr Fedorovich Laktionov, 1899-1965, an obituary. p. 763.
- Vladimir Afonovich Mineev, 1935-1965, an obituary. p. 765.
- Mikhail Gligor'evich Alpatov, 1910-1965, an obituary. p. 765.
- VOKRUG SVETA [AROUND THE WORLD]. Issued by Tsentral'nyi komitet Vsesoyuznogo leninskogo komunisticheskogo soluna molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 9, Sep. 1965.
- c. GEOLOGY & PALaeONTOLOGY
- AKADEMIYA NAUK ARMIAANSKOI SSR, Erivan
- Izvestiya. Seriya geologicheskikh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Earth Sciences]. Erivan, vol. 18, no. 3/4, 1965.
- Table of contents translated:
- Pechenkin, P. F., Akopian, V. T., Aliev, O. B. - Stratigraphic distribution of Gastropoda in the Upper Cretaceous sediments of Transcaucasia. p. 3.
- Gukasian, R. Kh., Meliksetian, B. M. - Absolute age and the characteristics of the formation of the complex Megi pluton. p. 8.
- Mel'chik, K. A. - Some characteristics of the metallogeny of calc-alkali and alkali igneous activity as revealed by a study in the Lesser Caucasus. p. 27.
- Gulakian, K. A. - Methods for the study of displacements in the depth of a landslide mass. p. 37.
- Minaian, R. S. - New data on the characteristics of sublava relief in the northern part of the Gegam-skoye upland. p. 49.
- Gabrielian, G. V. - Results of seismic logging in the Oskembarian and Erivan regions. p. 54.
- Gazarian, G. O. - Results of testing the superlong-wave variant of the radio-comparison and direction-finding method in Armenia. p. 63.
- Mirzazian, R. T. - Geothermal regionalization of the Armenian S.S.R. p. 67.
- Balian, S. P. - Morphological analysis of the structure of the Armenian Highland. p. 75.
- Mel'ksetian, R. V. - Formation of the Aghavnadzorskoye Plateau and its pebble cover. p. 85.
- Aleksandrian, G. A. - Seasonal distribution of atmospheric precipitation in the Armenian S.S.R. p. 101.
- Chorayk, E. N. - Some methods for the determination of ore sources for an ancient metal. p. 111.
- Madatyan, E. M. - History of the development of the Zed gold ore deposit. p. 127.
- Satyan, M. A., Khushnudan, E. Kh. - Alumina-bearing glauconite from Albian sediments in the Idzhevan Range. p. 138.
- Kiregogian, E. A. - Use of small soil samples in hydrogeochemical prospecting for nickel and cobalt. p. 142.
- Farandzhian, S. V. - Modeling with electricity-conducting paper for studying the effect of the relief and surfaces of formations in the method of electric profiling. p. 145.
- Melkumian, B. G. - State of mining in Armenia after 1917 until the establishment of the Soviet regime, 1917-1970. p. 148.
- Vol. 18, no. 5, 1965.
- Table of contents translated:
- Korobkov, I. A., Korobkov, A. I. - Stage division of the Oligocene. p. 3.
- Oganesian, D. A. - Nature of some volcanogenic rocks in the Ayotsdzor Range region. p. 15.
- Gukasian, R. Kh., Meliksetian, B. M. - Absolute age and the characteristics of the formation of the complex Megi pluton. p. 19.
- Mel'ksetian, A. Kh. - Zoolitization of upper volcanic rocks in the northern part of the Armenian S.S.R. p. 39.
- Mirzolian, G. G. - Iozite in plagiogranite-porphyrates of the Alaverdi ore region. p. 48.
- Gulian, I. Kh. - Some mineralogical and geochemical characteristics and the conditions governing the endogenous mineralization of the northern slope of the Bagushat Range. p. 54.
- Badalian, S. V. - Practice in using the underground variant of induced polarization in the Akhtala deposit. p. 65.
- Atvazian, S. M. - Geophysical principles of relativism. p. 69.
- Kocharian, A. E. - All-Union conference of geologists and series of problems for the Institute of Geological Sciences. p. 74.
- AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, Baku.
- Izvestiya. Seriya geologicheskikh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin. Series in the Geological and Geographical Sciences]. Baku, no. 3, 1965.
- Table of contents translated:
- Azizbekov, Sh. A. - Development of earth sciences in Azerbaijan in 20 years. p. 3.
- All-zade, A. A., Radzhabov, M. M., Treshkov, D. L. - New geophysical data on the structure of crystalline basement in the region of the Araks and Eura junction. p. 12.
- Salmov, S. G., Guseinov, G. A., Solomonov, B. M. - Tectonic characteristics of the Caspian Tertiary monocline in the light of new data. p. 17.
- Azizbekov, Sh. A., and others. - Basic characteristics of metallogeny in the Araks tectonic zone. p. 25.
- Kashkai, M. A., Aliev, V. I., Aliev, A. A. - Mineralogy of the Aghkhan gold-ore belt (central part of the Lesser Caucasus). p. 35.
- Efremov, G. Kh., Gekdanov, A. S., Mustafayev, G. V. - Geochemistry of lithium, rubidium, and cesium in the granitoids of the Lesser Caucasus. p. 44.
- Saidov, A. G., Shipikova, A. B. - Lithological and mineralogical characteristics of the Apsheron and the Quaternary clay rocks of the Bakinskiy Bay. p. 52.
- Mamedov, Sh. N., Osipova, B. A. - Results of measuring pressure in the developments of the Nakhichevan salt mines by the seismic pulse method. p. 61.
- Kuliev, S. M., Abdinov, M. A. - Determining specific heat capacity of cement groups. p. 66.
- Samedov, F. I., Listegarten, B. M., Sultanov, Ch. A. - Recovery factor of gas-condensate oil pool in hot iron VII of the Kuradag area. p. 72.
- Abbasov, M. T., and others. - Determining average oil saturation in the flow of solution-gas expansion. p. 78.
- Tsiturants, A. B. - Possibility and conditions governing the barotropic phenomena in gas and oil pools. p. 85.
- Rustamov, S. G. - Flow of solids in the Samur River. p. 90.
- Shikhtinskiy, E. M. - Interrelationship of the characteristics of heat balance and the basic meteorological elements. p. 101.
- Rad-zade, I. U. A., Nuziev, Ch. G. - Calculation of silt in a stream. p. 111.
- Madat-zade, A. A. - Strong and storm winds on the east coast of the Northern Caspian and atmospheric circulation causing them. p. 119.
- Strinnov, N. Sh. - Quantity and age of peneplains in the eastern Caucasus. p. 125.
- Furman, T. I. - Streams in the Kyzyl-Burun fishery region and the calculation of seine floating. p. 133.
- AKADEMIYA NAUK KAZAKHISKOI SSR, Alma-Ata.
- Izvestiya. Seriya geologicheskikh nauk [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Geological Series]. Alma-Ata, vol. 22, no. 4, July-Aug. 1965.
- Table of contents translated:
- Esenov, Sh., Makhmubetov, Kh. - Oil and gas potentials and the quality of the oil and gas of the Uzen'oil field. p. 3.
- Andreev, A. P., and others. - Distribution of deep faults in Kazakhstan. p. 11.

- Avlov, P.I.A., Belokbaev, Z.F., Turkov, O.S. - Geological prerequisites of increasing the petroleum recovery from the oil fields in the Southern Emba area. p. 18.
- Susplintin, N.V. - Deposits of silicate-nickel ores in the Chai belt. p. 23.
- Ostrovskii, V.N. - Significance of vegetal discharge in the hydrogeological balance of the Karakum-Brykumir region. p. 35.
- Al'perovich, E.V., Lagal, A.S. - Age of "oolite" formation in the northwestern part of the Lake Balkhash region. p. 45.
- Poplevin, V.I. - Relation of the granulomitic composition of oil-saturated sands to the content of residual water. p. 48.
- Ermekov, M.A. - Methods for the determination of methane potential in coal deposits. p. 53.
- Makimov, A.T. - Primary dispersion halos in the Bessyube deposit. p. 60.
- Gabov, I.U.G., Seiykh, V.I., Mikhailova, E.K. - Hafnium in zirconium from granitoids in the Zereza Massif. p. 65.
- Dallman, I.B., Sydykov, Zh. - New data on Permian-Triassic underground waters in the Ural Valley position of Aktyubinsk Province. p. 69.
- Corresponding Member of the Academy of Sciences of the Kazakh S.S.R., G.L. Kushev, 60th birthday and 35th anniversary of his research, teaching, and engineering activities. p. 80.
- Novokhatskii, I.P., Karginov, A.G. - All-Union conference on manganese ores. p. 82.
- AKADEMIYA NAUK KAZAKHSTANSSKOY SSR, Alma-Ata, Institut geologicheskikh nauk, Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R., Institute of Geological Sciences, Transactions], Alma-Ata, vol. 12, 1965. New data on igneous activity and metasomatism in Kazakhstan.**
- Table of contents translated:
- Abdrakhmanov, K.A., Kompanietsev, V.P. - Geology, petrography, and genesis of alkali effusives in Chirchik Province and prospects for practical usage of them. p. 3.
- Nurlybaev, A.N. - Characteristics of the composition of nepheline rocks in the Kubsandyr Massif as complex raw material. p. 25.
- Monich, V.K., Starov, V.I., Gogel, G.H. - Petrography of intrusions in the central part of the Trans-Ili Alatau. p. 74.
- Starov, V.I., and others. - Potassium feldspar of some of the different age intrusions. p. 108.
- Zyryanov, V.N. - Alkali granitoid formation in the Chingiz zone. p. 113.
- Starov, V.I., Soltmuratova, E.IU., Kozlovskii, A.A. - Determining the relative age of nepheline syenites by the method of thermoluminescence. p. 120.
- Bekboltaev, A.T. - Potassium sodium feldspars in the alkali rocks of the Borsukany Massif. p. 133.
- Zvorygina, E.K. - New geological and petrographic data on the Kokdombakskiy Massif. p. 142.
- Cholpankulov, T.Ch. - Petrochemistry of the secondary quartzites of the Irek Massif. p. 148.
- Cholpankulov, T.Ch., Sratylov, T. - Rusakovskoye copper deposit in the northeastern part of central Kazakhstan. p. 166.
- Abdrakhmanov, K.A. - Lazulite in the secondary quartzites of the Saranskoye Massif in central Kazakhstan. p. 182.
- Cholpankulov, T.Ch. - Some problems of the geology of secondary quartzites as revealed by a study of the Buguly-Urpek Massif. p. 166.
- Bekmukhametov, A.E. - Luminous rocks in the Borkalinsk and Shagyrkul'sk contact-metamorphic deposits of iron in Turgay. p. 180.
- *AKADEMIYA NAUK SSSR, Izvestiya, Seriya geologicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R., Bulletin, Geological Series], Moscow, vol. 30, no. 8, Aug. 1965.**
- Table of contents translated:
- Afanasyev, G.D., Gon'shakova, V.I., Kozun, V.P. - Absolute age of some Upper Devonian alkali effusives in the southern part of the Russian Platform and the Northern Caucasus. p. 3.
- Morina, G.A., Khosrova, B.I.A., Shchegolev, N.D. - Formation and activation of metamorphic series in the southwestern part of the Pamirs according to geological, petrological, and radiological data. p. 9.
- Borsuk, A.M., Borukov, Ch.B. - Cretaceous gabbroids in the western Caucasus. p. 18.
- Lashkevich, Z.M. - Two genetic types of alkali syenites in the Alay Range. p. 33.
- Turchin, N.G. - Time of gold separation from metal-bearing solutions. p. 40.
- Gershfeld, I.U.G. - Characteristics of the lamination of ferruginous rocks in the Krivoy Rog Basin. p. 45.
- Skorikova, M.F. - Anisotropy of the elastic properties of rocks in Sakhalin. p. 61.
- Grachevskii, M.M., Guseva, A.N., alingersh, L.A. - Causes responsible for the changes in the composition of oils from the terrigenous oil- and gas-bearing complexes of the Volga-Ural region. p. 78.
- Lendzion, K., Mikhniak, R., Rozanov, A. - Lithostratigraphic correlation of the Late Pre-Cambrian and Lower Cambrian of the Swietokryzskie Mountains and northwestern part of the Russian Platform. p. 85.
- Val'be, S.P. - Eocene of the Kopetdag. p. 97.
- Al'kovlev, V.N. - Geological distribution of the genus *Lycoptera* and the problem of the Jurassic and Cretaceous boundary in eastern Asia. p. 110.
- Vladimirova, S.N. - Method for the chemical preparation of fauna using acetic acid. p. 116.
- Logachev, N.A., Popova, S.M. - More about the find of Tertiary marine mollusks in the cis-Baikal region. p. 118.
- Aleksandr Pavlovich Vinogradov, 70th anniversary of his birth. p. 121.
- In memory of Panti Espola. p. 131.
- In memory of Vladimir Seigevich Miasnikov. p. 133.
- Vol. 30, no. 9, Sep. 1965.
- Table of contents translated:
- Afanasyev, G.D., and others. - Physical properties of rocks in the structural-formational zones of the Northern Caucasus and their significance for the interpretation of geophysical data. p. 5.
- Fisov, L.V. - Radiological dating of the Pevrek intrusive in the Chukchi Peninsula. p. 28.
- Sobotov, E.V., Gashchenko, S.M., Lovtsov, A.V. - Age of the rocks of the Sharyzhzhay series (Baikal block). p. 38.
- Bershev, L.V., Maturin, A.S. - Vanadyl ion in minerals and the characteristics of the electron paramagnetic resonance of initial elements. p. 42.
- Akceva, V.P. - Lithological and mineralogical characteristics of Cretaceous formations in the northeastern slope of the Lesser Caucasus. p. 53.
- Solov'eva, M.N., Razvalaev, A.V., Protoshevich, L.T. - History of closing stages of the development of the Tien Shan geosynclinal area. p. 60.
- Koshkin, V.I.A. - Role of longitudinal compression in the formation of the structures of the earth. p. 69.
- Ploskurko, A.I. - Age of the Paleozoic basement in the Kara Kum platform. p. 88.
- Papulov, G.N. - Upper Jurassic continental sediments in the eastern slope of the Ural. p. 96.
- Liskun, I.G. - Diagenesis of Pleistocene sediments as an index of the conditions governing their formation as revealed by a study in the Chu depression of the Gornyy Altai. p. 107.
- Olafidi, K.F. - Some characteristics of the spatial distribution of carbonated water deposits in the Northern Caucasus. p. 120.
- Vladimirova, S.N., Misanzhenskii, V.V. - Use of monochloroacetic acid for the extraction of fossils from carbonate rocks. p. 126.
- Slivich, A.A. - Evaluation of the growth of salt domes in recent and present times. p. 128.
- Afanasyev, G.D. - International Colloquium on the Absolute Geochronology and the Session of the Commission for World Geochronological Scale held in Nancy, France, May 3-10, 1965. p. 147.
- Makeev, B.V. - Conference of the Bureau of the Interdepartmental Petrographic Committee. p. 150.
- Petrological studies recommended by the Working Group on Petrology and Volcanism of the Symposium on the Upper Mantle and its Influence on the Earth's Crust at the 22d session of the International Geological Congress held in Delhi. p. 151.
- AKADEMIYA NAUK SSSR, Geologicheskii institut, Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R., Geological Institute, Transactions], Moscow, no. 12, 1964.**
- Contents: Raleev, M.A. [Characteristics of the distribution and genesis of clay minerals in recent and old sea basins] Zakonomernosti razmesheniya i geneza glinistykh mineralov v sovremennykh i drevnykh morskikh basseynakh. 287 p.
- No. 113, 1964. Cenozoic tectonic zones on the periphery of the Pacific Ocean.
- Table of contents translated:
- Gludnikov, I.U.B. - Tectonics of the eastern part of the Koryak Highland. p. 7.
- Tikhonov, V.I. - Some characteristics of the tectonic structure of Japan. p. 24.
- Shvol'man, V.A. - Tectonics of the Philippine Archipelago. p. 47.
- Arkhipov, I.V. - Outline of the tectonics of the islands of the Indonesian Archipelago. p. 88.
- Melankholina, E.N. - Outline of the geology and tectonic development of the Cenozoic tectonic zones in the western part of Oregon and Washington (U.S.A.). p. 137.
- Pushcharovskii, I.U.M. - Ways of tectonic regionalization of the belt of Cenozoic structures framing the Pacific Ocean. p. 161.
- No. 118, 1965.
- Contents: Pergament, M.A. [Inoceramus and Cretaceous stratigraphy of the Pacific area] Inoceramy i stratigrafiya mela Tikhookeanskoy oblasti. 101 p.
- No. 126, 1965.
- Contents: Deviatkin, E.V. [Cenozoic deposits and recent tectonics in the southeastern Altai] Kainozoiskie otlozheniya i neotektonika Iugo-Vostochnogo Altaya. 242 p.
- No. 130, 1965.
- Contents: Lipina, O.A. [Taxonomy of Tournayellidae] Sistematika turneyellid. 114 p.
- No. 131, 1965.
- Contents: Komar, V.I.A., Raaben, M.E., Semikhatov, M.A. [Conophytos in the Riphean of the U.S.S.R. and their stratigraphic importance] Konofitony rifeya SSSR i ikh stratigraficheskoe znachenie. 71 p.
- No. 135, 1965.
- Contents: Rauzer-Chernousova, D.M. [Foraminifera in the stratotypical cross section of the Sakmara stage (Sakmara River, southern Urals)] Foraminifery stratotipicheskogo razreza sakmarskogo iurusa (r. Sakmara, Iuzhnyi Ural). 79 p.
- No. 139, 1965. Mesozoic and Cenozoic structural zones in the west of the Pacific tectonic belt.
- Table of contents translated:
- Melankholina, E.N. - Outline of the geology of Cretaceous sediments in the Maritime Territory. p. 7.
- Nagibina, M.S., Potapov, I.U.I. - Tectonics of the Tugur-Nimelona Trough (western part in the region of the Sea of Okhotsk). p. 30.
- Gludnikov, I.U.B. - Tectonics of the central part of Kamchatka. p. 60.
- Tikhonov, V.I. - Some characteristics of the development of volcanic island arcs. p. 78.
- Pushcharovskii, I.U.M., Afremova, R.A. - Outline of the tectonics of the New Guinea-New Zealand sector of the Pacific Cenozoic tectonic belt. p. 85.
- Burtman, V.S. - New Zealand horizontal flexure and Alpine displacement. p. 128.
- AKADEMIYA NAUK SSSR, Paleontologicheskii institut, Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R., Institute of Paleontology, Transactions], Moscow, vol. 108, 1965.**
- Contents: [Development and succession of marine organisms during the transition from the Paleozoic to the Mesozoic] Razvitiye i smenna morskikh organizmov na rubezhe paleozola i mezozola. 438 p.
- AKADEMIYA NAUK SSSR, Sibirskoe otdelenie, Institut geologii i geofiziki, Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department, Institute of Geology and Geophysics, Transactions], Novosibirsk, no. 32, 1965. Quantitative analysis of minerals and rocks by physical methods.**
- Table of contents translated:
- Vorsin, A.N., Gusev, G.M. - Low-temperature flame photometry. p. 3.
- Arnautov, N.V. - Microspectrum analysis in the atmosphere of inert gases. p. 16.
- Simonova, V.I. - Quantitative spectrum method for the determination of boron in sedimentary rocks. p. 23.
- Andreeva, L.N., Arnautov, N.V. - Quantitative spectral determination of minor elements in sedimentary rocks. p. 29.
- Iziumova, L.G. - Direct spectral determination of rare-earth elements in rocks and minerals using the DFR-13 spectrograph. p. 34.
- Arnautov, N.V. - Quantitative spectral determination of the abundance ratio of mercury in rocks and minerals. p. 41.
- Arnautov, N.V. - Spectral determination of germanium in fossil coals. p. 46.
- Golubova, G.A., Rylov, G.M. - Study of the two-component mixtures of clay minerals by the X-ray diffraction method and infrared spectroscopy. p. 51.
- Grigor'eva, T.N., and others. - Geanksite from Tuva. p. 58.
- Nepelina, L.A. - Simplified spectrometric determination of manganese, chromium, and vanadium in minerals and rocks. p. 61.
- Kharovskii, V.M., and others. - Practice in modeling the weathering process of micas. p. 83.
- Dol'nitsyn, E.F., Antonov, I.U.N. - Double radio-frequency mass spectrometer for the simultaneous analysis of multicomponent gas. p. 75.
- Dol'nitsyn, E.F. - Evaluation of the permitted variations of the analytic parameters of the radio-frequency mass spectrometer. p. 86.
- Arkhipenko, D.K., Kovalova, L.T., Grigor'eva, T.N. - Possible usage of the method of infrared spectroscopy for studying the isomorphic substitutions in muscovites. p. 102.

AKADEMIYA NAUK SSSR, Ural'skiy filial Sverdlovsk, Institut geologii, Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R., Ural Branch, Institute of Geology, Transactions], Sverdlovsk, no. 74, 1965, Devonian and Permian Foraminifera of the Urals, problems of stratigraphy, no. 8.

Table of contents translated
Chereshov, B. I. - Foraminifera and algae from the Upper Devonian sediments in the western slope of the Central and Southern Urals. p. 3
Matakhova, N. P. - Permian Foraminifera in the eastern slope of the Urals. p. 155.

GEOFIZICHESKOE PRIBOROSTROENIE [DESIGN OF GEOPHYSICAL INSTRUMENTS]. Issued by Otdel nauchno-tekhnicheskoi informatsii Osoyogo konstruktorskogo byuro Ministerstva geologii i okhrany nedr SSSR [Department of Scientific and Technical Information of the Special Design Bureau of the Ministry of the Geology and Conservation of Mineral Resources]. Leningrad, no. 19, 1964.

Table of contents translated
Chirchilin, I. S. - Apparatus for regional seismic studies in regions difficult to reach. p. 3.
Gel'fand, V. D., Pas'ko, E. V., Shlamberger, G. A. - Ground variation of apparatus for induction prospecting. p. 8.
Dolgov, E. I. - Standard transistorized units. p. 14.
Shevud, L. I. A. - Election automatic compensator. p. 34.
Mizuk, L. I. A., Lutayshin, A. S. - Elimination of errors in quadrum phase splitters with a trigger frequency divider. p. 45.
Fogt, P. N. - Fluctuation in the amplification of stabilization of a scintillation radiometer using the alpha-source of reference pulses. p. 55.
Matveev, B. M., Tsubskayev, B. M. - Practice in using the AM-13 aeromagnometer on the non-magnetic schists "Zaria." p. 61.
Karnasik, A. M., Morozov, A. S. - Practice in using a proton-precision magnetometer in the aeromagnetic surveying of the Arctic Ocean. p. 74.
Kochimov, P. D. - Construction of induction magnetic transducers for electric prospecting apparatus. p. 86.
Ish'kov, E. M., Semenov, A. N., Smirnov, V. A. - Dipmeter observations in the mines of the Kizel coal basin. p. 93.
Roginskii, I. I. U. - Rheostat transducer. p. 102.

No. 20, 1964.

Table of contents translated
Resolution of the 5th Technological Conference on Geophysical and Hydrometeorological Instrument Manufacture. p. 3.
Ish'kovskii, I. I. - Apparatus for automatic interpretation on the basis of the statistical method of signal emission. p. 8.
Nazariy, S. A. - Structural design of microseismic apparatus. p. 26.
Khostov, O. P. - Compensation of the magnetic interferences of an airplane on the earth. p. 31.
Mizuk, L. I. A., Nichoga, V. A. - Electrical parameters of the induction-type low-frequency magnetic receivers with ferromagnetic cores. p. 37.
Shaub, I. U. B. - New way of measuring the airborne electric prospecting by the method of a rotating magnetic field. p. 62.
Molochkov, G. V. - Methods for eliminating the primary field in induction methods. p. 69.
Koloskov, I. U. P. - Stabilization system of the angular velocity of an electric motor. p. 74.
Sapchin, A. I., Griaznin, G. N. - Effect of the non-linearity of a sweep on the reading error in oscillographic measurements. p. 83.
Kotovich, N. F. - Field microvariation station and its use in geophysical studies. p. 88.
Maltarevskii, K. V., Rybin, V. K. - Preamplifier for the measurement of variable electromagnetic fields in the audiofrequency range. p. 94.
Ab, E. A., Levitin, A. I., Plotnikov, R. I. - Temperature quenching of the luminescence of oil. p. 97.
Gordonov, D. I., Katkov, V. D. - Automation of the processing of aerogeophysical measurements. p. 99.
Maltarevskii, K. V., Rybin, V. K., Savet'ev, N. N. - Device for ground electric prospecting using alternating current. p. 104.

*GEOKHMIIA [GEOCHEMISTRY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1965.

Table of contents translated
Kadik, A. A., Khitarov, N. I. - Effect of pressure on the mass transfer between a magmatic melt and the water of external media. p. 507.
Rakhimov, A. V., Golubchina, M. N., Muntazina, T. M. - Isotope composition of the lead of intrusive rocks in various metallogenic zones of Central Asia. p. 510.

Ishchenko, M. L., Vaishtarkov, E. S., Mamulova, M. M. - Study of the primary Si⁸⁷ Si⁸⁶ ratio in different metamorphosed rocks in the northern part of the Lake Balkal region for the purpose of absolute age determination. p. 528.
Kirkinskii, V. A. - Effect of pressure on the limits of solid solutions. p. 534.
Shcherbin, V. V. - Dependence of isomorphous replacement on pressure. p. 544.
Unusov, V. S. - Use of the concept of crystal lattice energy. p. 551.
Ryzhenko, B. N. - Possibility of the determination of the total coefficients of the activity of acids and bases. p. 556.
Gerashimovskii, V. I., Pavlenko, L. I., Nesmelanova, L. I. - Geochemistry of beryllium in nepheline syenites. p. 562.
Pudol'skii, A. M., and others. - Tantalum in alaskites and subalkaline granites in the eastern part of central Kazakhstan. p. 571.
Grigor'ev, V. M., Zelenov, K. K. - Source of germanium in iron ores. p. 582.
Zufanov, K. B. - Petrochemical characteristics of some granite intrusions in Kazakhstan. p. 587.
Lisitsina, G. A., and others. - Some geochemical characteristics of the formation of accessory minerals in the granites of the Charkasai Massif in the Kurum Range of the Tien Shan. p. 602.
Ustinov, V. J., Aitkenov, I. U. M. - Mass-spectrometric determination of the isotopic composition of magnesium. p. 617.
Osipov, D. K., Zhuravlev, R. S. - Uranium and thorium in the igneous rocks of the Kuznetsk Basin. p. 619.
Mikhonov, V. Z. - Age of underground (formation) waters in the Volga Valley portion of Volgograd Province. p. 624.
Gladikh, V. S., Solominskaya, B. A. - Hf content and Zr/Hf ratio in the effusive rocks of the Maymecha-Kotiv area (northwest of the Siberian Platform). p. 627.
Petrova, Z. I., Petrov, L. L. - Beryllium in granitoid minerals. p. 629.
Aleksandrov, S. M. - All-Union Conference on the Geochemistry of Supergenes. p. 633.

*GEOLOGIYA I GEOFIZIKA [GEOLOGY AND GEOPHYSICS]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U.S.S.R.]. Novosibirsk, no. 2, 1965.

Table of contents translated
Reverdatto, V. V. - Palaeogenetic analysis of the carbonate rocks of spurite-merrillite facies. p. 3.
Kurepin, V. A. - Pseudoleucite rocks in Mt. Sokol of Gornaya Shoriya. p. 21.
Shidakov, V. I. - Dependence of the microhardness of magnetite on the conditions governing its formation. p. 32.
Staritsyn, F. V. - Two different age complexes of volcanic rocks in the Argun Valley (eastern Transbaikalia). p. 41.
Zhuravlev, S. V. - An example of the structure of a beryllium-bearing granite zone. p. 49.
Shafeyev, A. A. - Problems of the Pre-Cambrian stratigraphy and metamorphism of the southwestern part of the Lake Balkal region and Khama-Daban Range. p. 59.
Zamarayev, S. M. - Basic stages and principal elements of the structure of the southern part of the Siberian Platform. p. 73.
Voroniin, I. U. A., Gol'dina, N. A. - An example of the joint simplified mathematical analysis of geological classifications. p. 83.
Sychev, P. M. - Nature of gravity anomalies in the southwestern regions of Sakhalin. p. 92.
Ladynin, A. V. - Some problems of the calculation of anomalies in the Bouguer reduction with varying density of topographic masses. p. 99.
Filippov, E. M. - Possibility of aerial prospecting for minerals with a generator of neutrons. p. 107.
Tuzov, I. K. - Experience in using industrial explosions for studying crustal structure in the transition zone from the Siberian Platform to the Taymyr trough. p. 123.
Nakariakov, V. D. - Basic sources of the formation of Mesozoic sediments in the eastern part of the West Siberian Plain. p. 127.
Van, A. V. - Cyclicity and characteristics of the development of the epigenesis of Eumukova sediments in the Kuznetsk Basin. p. 132.
Rozhkov, I. S., and others. - Dependence of the electrical conductivity of diamonds on temperature. p. 138.
Graizer, M. I. - Lack of discontinuity in the base of the Ostrog series in the Kuznetsk Basin. p. 141.
Ostistyi, B. K. - Distinguishing zones of the increased tectonic jointing of rocks. p. 146.
Boiarshina, A. P., Vasil'eva, A. I., Sharapov, V. N. - Genetic characteristics of the Medvezh'ye deposit in the Kuz group of iron ore deposits. p. 149.
Belousov, A. F. - Peculiar case of the gravity division of matter in basaltic lavas. p. 153.
Chevushchik, M. A., Futergerder, S. I. - Traces of magmatic melt in diamonds. p. 155.

Sobolev, E. V., Lenskaja, S. V. - Evidence of "gaseous" impurities in the spectra of natural diamonds. p. 157.
Second All-Union Volcanological Conference. p. 160.
Coordination conference on the study of the earth's crust and upper mantle in the eastern regions of the U.S.S.R. p. 164.

No. 7, 1965

Table of contents translated
Shvarts, S. L. - Hydrogeochemical prospecting method in the northern swamped regions. p. 3.
Anoshin, G. N., Potapov, V. V. - Alkalies and mineralizing agents (B, F) in the granites of the Kolyvan Massif. p. 11.
Velinskii, V. V. - Plutonic-keratophyre formation in the Western Sayan Mountains. p. 27.
Nesterenko, G. V., Kornakov, I. U. N., Avlova, N. S. - Differentiated trap intrusion in the middle Vituy Valley. p. 43.
Dudarev, A. N. - Evaluation of the role of enclosing rocks in an ore formation. Absolute moisture capacity of rocks. p. 52.
Mikhailov, M. V., Filatov, V. F. - Age of the Kermenday and Ygvalla troughs and the Surtai buried host. p. 60.
Puchkov, G. G. - Magnetotelluric fields in an adiabatic medium. p. 68.
Voroniin, I. U. A., Ivanova, M. N. - Utilization of generating functions for construction of the geological classifications of enumeration on the basis of component composition. p. 82.
Prolov, V. Kh. - Characteristics of the geoelectric cross section of Paleozoic sediments in the southern part of the West Siberian Plain. p. 91.
Konstantinov, G. N. - Calculation of the magnetic field from the contact surface. p. 98.
Zhayonkov, V. I. A., Filippov, E. M. - Determination of boron content in rocks by recording gamma radiation from the B¹⁰(p, α) reaction. p. 101.
Bryukin, I. U. L. - New method for distinguishing saturated layers in the central regions of the West Siberian Plain. p. 104.
Pavlov, I. U. A., Parfenov, L. M. - Density characteristics of some metamorphic and igneous formations in the Eastern Sayan Mountains. p. 105.
Volnii, O. A., Kozlov, G. V. - Angular unconformities at the boundary of the Cambrian and Pre-Cambrian of the Tuukhansk region. p. 109.
Galkin, M. A. - Ore potential and ore controlling role of the Nal'chan fault zone. p. 112.
Rudakova, Zh. N. - Dependence of the morphological characteristics of zirconium on the depth of the formation of intrusions as revealed by a study of the tin-bearing intrusions of Transbaikalia. p. 116.
Shidakov, L. G., Shidakov, P. M. - Bundle structure of the upper parts of the Angara-Ihm-type iron-ore deposits as revealed by a study in the Kipavovo deposit. p. 120.
Popova, L. M. - Hydrogeochemical method of prospecting for complex metal deposits in carbonate rocks. p. 125.
Gambinov, G. N. - Paragenesis of ore minerals in the gold-ore deposits of the upper Indigirka Valley. p. 130.
Seminar for studying gold-ore deposits. p. 140.

No. 8, 1965.

Table of contents translated
Dolgov, I. U. A. - Adiabatic mobilization of ore-forming solutions. p. 3.
Lushchikhin, G. M. - Petrographic types and conditions governing the formation of coals in the Lower Tunguska basin. p. 17.
Voropov, V. S. - Morphology and geology of the under-water slope of the southern part of Lake Balkal between Sudyanka and Mysovaya. p. 28.
Onishchenko, B. A. - Recent tectonics and the basic stages of the development of river drainage in the Cherski Mountain system. p. 38.
Moiseenko, F. S. - Density of rocks and some problems in its study. p. 50.
Pecherskii, D. M. - Connection of the anisotropy of residual magnetization with conditions governing the formation of rocks. p. 68.
Umperovich, N. V. - Determining the types of multiple reflected waves in the Ob'-Irtysh Interfluvial of the West Siberian Plain on the basis of kinematic analysis. p. 77.
Poplavskii, A. A. - Determining the depth of the focus of near-subcrustal earthquakes by the epicentral distance, running time, and hodograph derivative. p. 87.
Chernov, G. A. - Geology and structure of the Belokurl'ka Massif in the Altai Territory. p. 97.
Liakhovich, V. V. - Dependence of the content of accessory minerals in granitoids on the composition of biotite. p. 105.
Zaitukov, V. N., Mel'nikov, O. A. - New data on the manifestation of Middle Miocene volcanism in Sakhalin. p. 118.
Gol'din, S. V. - Using the theory of convex bodies and figures for the morphological classification of irregularly shaped bodies. p. 120.

- Petrov, V. G. - Time of the folding manifestation in Cambrian sediments in the northern part of the Yenisey Range. p. 124.
- Golovin, A. A. - High temperature microscopy of some pegmatites of Kazakhstan. p. 126.
- Baleska, S. T., Shteynberg, G. S. - Seismic prospecting in the Avacha-Sophia region. p. 129.
- Peregudov, V. A. - Calculation of the constants of the electrodynamic seismograph in the case of complete identification. p. 134.
- Kuznetsov, V. V. - Use of the frequency method for the solution of an inverse problem in the case of an inclined surface of observation. p. 136.
- Some problems of petrology at the 22d session of the International Geological Congress, p. 151.
- LENINGRAD, VSESOIUZNYI GEOLOGICHESKII INSTITUT. Trudy [ALL-UNION GEOLOGICAL INSTITUTE Transactions].** Vol. 124, 1964.
- Contents: [Atlas of lower Cretaceous spore and pollen complexes of some regions of the U.S.S.R.] Atlas nizhnemelovykh sporovo-pyl'tsevyykh kompleksov nekotorykh rayonov SSSR. 551 p.
- LITOLOGIA I POLEZNYI ISKOPAEMYE [LITHOLOGY AND MINERAL RESOURCES].** Issued by Akademiya nauk SSSR and Gosudarstvennyi geologicheskii komitet SSSR [Academy of Sciences of the U.S.S.R. and the State Geological Committee of the U.S.S.R.], Moscow, no. 4, July-Aug. 1965.
- Table of contents translated
- Bushinskii, G. I. - A. D. Arkhangel'skii and the development of lithology in the U.S.S.R. p. 3.
- Rozhkova, E. V., Kuznetsov, E. K., Vasil'eva, E. G. - Effect of the bacterial process on the formation of sulfide and other minerals in sedimentary layers. p. 6.
- Shakhov, N. M. - Types of manganese accumulations in present reservoirs and their significance for the knowledge of the manganese mineralization process. p. 18.
- Petelin, V. P. - Characteristics of the formation of the mineral composition of sandy-silt actions in the bottom sediments of the Pacific Ocean. p. 50.
- Sevast'yanov, V. F., Volkov, I. I. - Redistribution of iron and manganese in the oxidation-reduction processes in the bottom sediments of the oxidation zone in the Black Sea. p. 72.
- Nevozhskii, E. N. - Some characteristics of sedimentation in the littoral zone of the sea. p. 85.
- Lisitsyna, N. A. - Characteristics of the distribution and the form of occurrence of titanium in the weathering surface of basic rocks. p. 105.
- Pastukhova, M. V. - Distribution of TiO₂ in the platform bauxites of the Turgay trough. p. 112.
- Marchenko, V. I. - Significance of the oxide coefficient for the facies analysis of marine sediments. p. 125.
- Klytskov, A. I. - New data on the Mesozoic bauxites of the Urals. p. 130.
- Griaznov, V. I., Chervonokkala, L. V. - Phosphorous minerals in the Nizhnyy manganese ores. p. 153.
- Shmel'kova, I. U. T., Obolenskaya, G. A. - Phosphorites of the Altai-Sayan fold area. p. 161.
- Bliskovskii, V. Z. - Length of the formation of a phosphorite-bearing weathering surface in one of the deposits in Eastern Siberia. p. 182.
- Gulinaeva, L. A., and others. - Solubility of the metal-organic compounds of oil and bitumens in compressed gases. p. 185.
- MINEROLOGIA I GEOKIMIYA [MINERALOGY AND GEOCHEMISTRY].** Issued by Leningradskii gosudarstvennyi universitet [Leningrad State University]. Leningrad, no. 1, 1964.
- Table of contents translated:
- Kurbatov, S. M. - Role of V. I. Vernadskii in the development of Russian geology. p. 7.
- Rimskaya-Korsukova, O. M., Dinaburg, I. B. - Baddeleyite in the massifs of ultrabasic and alkali rocks in the Kola Peninsula. p. 13.
- Sergeev, A. S. - "Pseudocent", a new hydrous uranyl-calcium phosphate. p. 31.
- Uf'yanova, T. P., Il'inskiy, G. A. - New data on the miserite of the Khodzhaekhan Massif (Alay Range). p. 40.
- Gordienko, V. V., Denisov, A. P., Kolesnikova, V. V. - Composition and physical properties of manganese apatites from pegmatites of the natrolite type. p. 46.
- Sosedko, T. A. - Muscovite-oligoclase pseudomorphs according to apodumene. p. 57.
- L'vov, B. K., Petrova, N. I. - Accessory zircon from granitoids in the eastern slope of the Southern Urals. p. 62.
- Duladakov, I. V. - Origin of banded quartz-luebanerite veins of the "Zapadnoye" deposit in central Kazakhstan. p. 95.
- Solodovnikova, L. L. - Foldspars of contact deposits in Khakassia. p. 107.
- Sakhonenok, V. V., Rimskaya-Korsukova, O. M. - Change of the form of garnet crystals in the process of their growth. p. 115.
- Il'inskiy, G. A. - Pink clinzoisite from the skarns of the Zudalevskiy Massif in the Alay Range. p. 125.
- Lebedev, V. I., and others. - Materials on the study of the mineralogy of metamorphic rocks in the northwestern part of the Lake Ladoga region. p. 131.
- Burakova, F. N. - Determining the content of potassium and sodium in the chemical analysis of silicates using the immersion method. p. 157.
- Leonova, V. A., Galibin, V. A. - Relation of zirconium to hafnium in the crystallites of the pegmatite veins of the Chupa region and in the zircon gneisses of the enclosing pegmatites. p. 163.
- Kukharenko, A. A., Morav'eva, I. P. - Geochemistry of scandium in the alkali gabbroids of Karelia. p. 181.
- Sergeev, A. S. - Rare elements in the rocks of the exocontact aureoles of ultrabasic and alkali intrusions in the Karelia-Kola region. p. 192.
- Kukharenko, A. A., and others. - Geochemistry of rare-earth elements in the alkali-ultrabasic rocks of the Kola Peninsula and Karelia. p. 211.
- MOSCOW, NAUCHNO-ISSEDOVATELSKAYA LABORATORIA GEOLOGICHESKIIH KRITERIEV PERSPEKTIV NEFTGAZONOSOSTI. Trudy [SCIENTIFIC RESEARCH LABORATORY OF THE GEOLOGICAL CRITERIA FOR THE EVALUATION OF OIL AND GAS POTENTIALS. Transactions].** Leningrad, no. 13, 1965. Geology and oil and gas potentials of the southern part of the U.S.S.R., Rostov and Astrakhan Provinces, the Kalmyk and Dagestan A.S.S.R. (Volga-Don Territory).
- Table of contents translated
- Movshovich, E. B., and others. - Basic problems of the correlation of Mesozoic and Paleogene sediments in the Volga-Don territory. p. 5.
- Nikulina, I. U. P. - Stratigraphy and facies of Paleocene and Eocene sediments in the Kalmykian swell. p. 39.
- Leonov, G. P., and others. - Some problems in the stratigraphy of Paleogene sediments in the southern Yergent Hills. p. 47.
- Ushko, K. A., Shelder, G. F. - Stratigraphy and correlation of Quaternary sediments in the central part of the northwestern Caspian Sea region. p. 54.
- Nesmelanov, D. V. - Tectonic and structural regionalization of the Volga-Don territory and adjacent southern regions. p. 68.
- Baginskaya, E. N., Nesmelanov, D. V. - Methods and primary results of the complex regional geophysical studies in eastern Ciscaucasia. p. 95.
- Baginskaya, E. N., Viktorov, D. N. - Development of the structure of the southeastern part of the Voronezh anticline. p. 111.
- Viktorov, D. N. - Formation of the conjugated zone of Pre-Cambrian and Epibryozan platforms at the northern boundary of the Eastern Donets Basin. p. 124.
- Movshovich, E. B., and others. - Characteristics of the Mesozoic and Cenozoic stages of geological development in the Volga-Don territory. p. 135.
- Iakovleva, A. F., and others. - Main characteristics of the geomorphology and recent tectonics in the Volga-Don territory. p. 171.
- Bobukh, V. A. - Oil and gas potentials of the Kalmyk A.S.S.R., Astrakhan and Rostov Provinces. p. 187.
- Tokmachev, B. R., and others. - Prospects for finding oil and gas in the Volga-Don territory. p. 197.
- MOSCOW, UNIVERSITET. Vestnik, Seriya 4 Geologiya [UNIVERSITY. Review. Series 4 Geology].** Vol. 20, no. 4, July-Aug. 1965.
- Table of contents translated
- Andrei Dmitriyevich Arkhangel'skii, December 8, 1870-June 16, 1940. p. 3.
- Bassevich, N. B. - Contribution of A. D. Arkhangel'skii to the development of the problem of oil formation. p. 5.
- Leonov, G. P., Altmarina, V. P., Naidin, D. P. - Principles and methods of isolating the stage subdivisions of a standard scale. p. 15.
- Burshstein, E. F. - Leaching of lead from the upper part of the oxidation zone in complex metal deposits in central Kazakhstan in siliceous and barite rocks. p. 29.
- Bakhteev, M. K., and others. - Age of intrusive rocks in the southern part of the Tokrau synclinorium (central Kazakhstan). p. 39.
- Grabkin, O. V. - Folding of the Tengra in the central part of the Aldan Shield. p. 47.
- Morganov, I. U. G. - Middle Paleozoic formations of North Ossetia. p. 55.
- Larion, O. G., Moskatov, N. P., Azimov, P. K. - Lithology of Jurassic sediments in the Feigana depression. p. 63.
- Akhontova, L. K. - Picrite from the oxidation zone of the Abakan iron ore deposit. p. 70.
- Pil'ova, K. E. - Sources of boron, bromine, lithium, strontium in the Devonian and Carboniferous underground waters of the lower Volga Valley. p. 75.
- Osipov, I. U. B. - Significance of the statistical processing of the data on the resistance to the shift of clay soils. p. 81.
- M. M. Moskvina, on his 60th birthday and 35th anniversary of pedagogical and research activities. p. 86.
- * MOSKOVSKOE OBSHCHESVO ISPYTATELEI PRIRODY, Blizhniye [MOSCOW NATURALISTS' SOCIETY, Blizhniye].** New series, vol. 70. Otdel geologicheskii [Geological Section]. Moscow, vol. 40, no. 4, July-Aug. 1965.
- Table of contents translated
- Belov, A. A. - Tectonic development of the western part of the central Caucasus in the Late Hercynian and Early Alpid. p. 5.
- Kots, V. G., Tepitskii, V. A. - New data on the tectonics of eastern Turkmenia. p. 26.
- Mokhanova, T. V. - Tectonic and magnetic conditions governing the formation of Upper Paleozoic alkali rocks in the western part of the central Tien Shan. p. 32.
- Bakhteev, E. A., and others. - Age of Jasper-siltaceous sediments in the southern part of the Kokchetav Upland (southern Kazakhstan). p. 46.
- Stepanov, L. S. - Structure of the Buzsht Range and the stratigraphic position of the Olyanki series in the cross section of ancient formations in the western slope of the Central Urals. p. 58.
- Kireva, G. D., Shamaev, M. I. - First find of Tumulidite in the Karataysh series of the Donets Basin. p. 61.
- Zagladko, V. A., Tokina, N. I. - Stratigraphy of the Upper Cretaceous spore-pollen complexes of the Kyzyl Kum. p. 67.
- Kuznetsova, T. A. - Pollen from Kamyshtin sediments in the middle Volga Valley. p. 75.
- Fedorenko, S. I. - Marine terraces of the east coast of Kamchatka. p. 80.
- Solov'ev, B. L. - Traces of ancient glaciation in the Tashk'da region of Abkhazia. p. 91.
- Pr'eva, K. E. - Chemical composition of the natural waters of the alkali massif in a region of excessive moisture. p. 98.
- Activity of the geological sections of the Moscow Naturalists' Society. p. 101.
- PALEONTOLOGICHESKII ZHURNAL [PALEONTOLOGICAL JOURNAL].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, no. 3, 1965.
- Table of contents translated
- Makikhin, V. P., Kots, I. U. - Significance of comprehensive paleontological studies for stratigraphy and paleogeography. p. 3.
- Miyakova, E. I. - Sacculitidae, a new group of organisms. p. 16.
- Spyritsov, V. P. - New Viséan Foraminifera in northern Bergania. p. 23.
- Bogoslavenskaya, O. V. - Devonian genus *Trematolites* from the Urals. p. 34.
- Tovbin, S. Z. - Ontogeny of the ammonite genus *Colechidites*. p. 40.
- Viskova, L. A. - Late Cretaceous Bryozoa of the genus *Melicerites* of the middle Volga Valley. p. 49.
- Kanygin, A. V. - New middle Ordovician Ostracoda of the family Tetradiellidae in the northeastern U.S.S.R. p. 69.
- Chizhova, V. A. - Orientation of the shells in Paleozoic. p. 73.
- Rheinberg, R. E. - Silurian graptolites in southern Bergania. p. 84.
- Rozhdestvenskii, A. K. - Growth changes in the dinosaurs of Asia and some problems of their taxonomy. p. 95.
- Dobruzhina, I. A. - Revision of Jurassic flora from the Amur Valley described by Olier. p. 110.
- Iulina, A. L. - New fern from the Middle Devonian of Kazakhstan. p. 118.
- Vukhramev, V. A. - First find of Jurassic flora in Cuba. p. 125.
- Kolakovskii, A. A. - Ushia, a new species from the Kamyshtin Paleocene flora. p. 127.
- Shugayevskaya, O. V., Khumulo, A. S. - On one method for separation of spores and pollen from rocks. p. 133.
- Afifskii, A. I. - First kind of Rhadoceras in the northeastern U.S.S.R. p. 137.
- Kushlin, B. K. - Straight Triassic Ammonoides from the Pamirs. p. 139.
- All-rade, Ak. A. - New genus of the family Belemnitidae. p. 142.
- Volgin, V. I. - Find of the Upper Carboniferous genus *Septosyringolites* in the Eastern Pamirs. p. 145.
- Resolutions of the 7th session of the Paleontological Society of the U.S.S.R., January 26-30, 1965. p. 148.
- Second Conference on the Study of Mollusks. p. 149.
- Rozman, Kh. S. - Valerian Nikolaevich Krasovnikov, 1889-1964; obituary. p. 154.
- Andrei Dmitriyevich Miklukho-Maklani, 1914-1965; obituary. p. 155.

UZBEKSKII GEOLOGICHESKII ZHURNAL [UZBEK GEOLOGICAL JOURNAL]. Issued by Akademiya nauk Uzbekist of SSR [Academy of Sciences of the Uzbek S.S.R.], Tashkent, vol.9, no.4, 1965.

Table of contents translated:

- Khudzhayev, A.R., Azimov, P.K. - Tectonic regionalization of the Fergana intermontane depression, p.5.
- Volla, A.P., Lapidus, V.I.A., Ural'tseva, I.B. - Seismic prospecting in the deep geological mapping of the Almaty ore region, p.10.
- Ishnazarov, N.I. - Stratigraphy of the Devonian sediments of the system of the Chitkal Mountains, p.17.
- Sugutlanova, D.M. - Types of the cross sections in the Devonian red formation of the Chitkal mobile belt and the characteristics of their distribution, p.29.
- Elizov, I.N. - Tertiary sediments of the Middle Carboniferous in the western part of the Mal'guzar Mountains, p.35.
- Kenesarin, N.A. - Melliorative conditions of irrigated lands in the period of the Qulstun, 1904-1965, and urgent tasks for agricultural workers, p.40.
- Sladnev, A.F., Ganiev, K.G. - Effect of the Southern Golodnyaya Steppe Canal on the regime of ground waters, p.45.
- Aripova, Kh., Prikhid'ko, P.L. - Determination of gold in plants and soils in biogeochemical studies, p.50.
- Askarov, F.A., Bigaeva, A.R. - Geological time of magmatic processes in the Kyzyl Kum, p.54.
- Viktorov, V.F. - Secondary quartzite in the Almaty region, p.64.
- Iarmukhamedov, A.R. - Petrochemistry of the Lower Middle Carboniferous volcanic formations in the northwestern part of the Kunama zone, p.70.
- Maksumov, K. - Volcanic-siliceous and siliceous rocks in the basin of the Teshduk and Azhyrty gullies (Tamydtau), p.79.
- Simonenko, I.A., Kaymakova, R.M., Pogosov, Z.S. - Mineralogical facies in the Jurassic sediments of Feigana, p.83.

VSESOIUZNOE MINERALOGICHESKOE OBSHCHESTVO, Zapiski [ALL-UNION MINERALOGICAL SOCIETY, Annals], Moscow, vol.94, no.4, 1965.

Table of contents translated:

- Artemov, V.R. - Nature of the fissility of rhodochite in fibers, p.380.
- Syrilso, L.F., Chernik, L.N. - Evolution of the paragenesis of accessories in the process of the metasomatic alteration of granites in one of the massifs of eastern Transbaikalia, p.393.
- Rozentsvit, A.O., Epshteyn, G.IU. - Some properties of minerals developing from the gels of complex composition, p.401.
- Volostnykh, G.T. - Temperature of the principal endothermic effect of kaolinite, p.409.
- Bonev-Ivan, - Oriented growth of galenite on sphalerite, p.420.
- Shilukova, Z.V., and others. - Labuntsovite from the Khibiny Mountains, p.430.
- Bur'lanova, E.Z., Strokov, G.S., Shilov, V.A. - "Vanuranfilit," a new mineral, p.437.
- Gerasimovskii, V.I. - Special features of the mineralogy of the Jilmaussag Massif, p.444.
- Beylich, H. - Materials on the synthesis of bromine- and iodine-boracites, p.448.
- Kutyrev, E.I. - Tubular amygdulites in the dike of microdiorite (Tunguska syncline of the Siberian Platform), p.454.
- Putin, I.U.O. - Mechanism of recrystallization, p.459.
- Mogorovskii, V.V. - Colloform celestine-barite from Khrumangou (southeastern Tajikistan), p.463.
- Levitskii, V.E., Vlasov, B.B. - Iron- and phosphorus-bearing allophanoid from the Upper Jurassic sediments of Ulyanovsk Province, p.465.
- Il'inskii, G.A., Turchenko, S.I. - "Wischnewite" from the alkali rocks of the Alay Range, p.468.
- Varshavskii, A.V. - Thermal etching of diamond crystals in an air medium, p.471.
- Ioffe, B.V., IAKhkind, A.K. - Measurement of immersion liquids of high refractive index on the RRF-23 reflectometers (Pulfrich type), p.475.
- Solov'ev, S.P., Dolivo-Dobrovolskii, V.V. - Report on the activity of the Mineralogical Society of the U.S.S.R. for 1964, p.468.

VSESOIUZNOE MINERALOGICHESKOE OBSHCHESTVO, Tadzhikskoe otdelenie, Zapiski [ALL-UNION MINERALOGICAL SOCIETY, Tajik Branch, Annals], Dushanbe, no.2, 1964.

Table of contents translated:

- Khamidov, M.Kh., Akramov, M.B. - Find of dolomite and the post-dolomite generation of quartz in the hydrothermal veins of the Fochenko Glacier region, p.3.
- Morozov, S.A. - Some characteristics of the distribution of quartz veins as revealed by a study of one section in the Vanch-Yazgulem crystal-bearing zone (western Pamirs), p.15.
- Kirillov, S.P. - Volcanic formations of the Vanch-Darvaza tectonic subzone of the central Pamirs, p.27.

- Budanov, V.I. - Origin of the rapakivi of the Dzhamak-skiy Intrusive (western Pamirs), p.40.
- Volkov, V.N. - Dikes of the granite porphyries of the Koltzev Massif, p.57.
- Dmitriev, E.A. - Pseudotachite porphyries of the western Pamirs, p.69.
- Karapetov, S.S. - Middle Paleozoic stratigraphy of the central Pamirs, p.75.
- Mushkin, I.V., Stupnikov, A.R., Tarasov, V.I. - Conditionally Lower Permian volcanic complex in the Diamalik basin (southern slope of the Gissar Range), p.89.
- Shepukin, S.I. - Faulting the Khamaka-Suffa interfluvium of the Southern Gissar Range and the sequence of their development and mineralization, p.97.
- Liashkevich, Z.M., Marushkin, I.A. - Two phases of granites in the Turkestan and Alay Ranges, p.107.
- Tadzhibaev, G.T. - Geological and petrographical characteristics and features of the genesis of complex dikes in the Burachar dike belt (Eastern Karakum Mountains), p.112.
- Iushkin, N.P. - Characteristics of geology and the genesis of the October natural sulfur deposit, p.121.
- Melamed, I.A.R. - Some problems of the methods and efficiency of the mineralogical analysis of molasses, p.132.
- Nasimov, T. - Some data on the hydrogeochemistry of the Kandzhol'skoye ore zone, p.140.
- Mogorovskii, V.V. - On one incorrectness in translations of some foreign geochemical literature, p.147.

13. SCIENCE

a. GENERAL

AKADEMIYA NAUK ARMJANSKOI SSR, Eriyan, Izvestiya Seriya fiziko-matematicheskikh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin, Series in the Physical and Mathematical Sciences], Eriyan, vol.18, no.4, 1965.

Table of contents translated:

- Dzhirbashian, V.A. - Integrals from Bessel functions, p.3.
- Kitballian, A.A. - On orthogonal systems of rational functions and biorthogonal systems of generalized trigonometric functions, p.21.
- Korbut, B.A. - Stability of a cylindrical shell with an elastic filler, p.46.
- Simonian, A.M. - Problem involving the temperature of cylindrical tubes under conditions of plastic heredity, p.55.
- Babadzhanian, G.A. - Flow of a viscous fluid in a tube with porous walls, p.73.
- Mkhitarian, A.M., and others. - Experimental study of the transformation of air flow over a mountain lake, p.80.
- Vartapetian, G.A., Khudaverdian, A.G. - Gamma-gamma angular correlation in the C^{131} nucleus, p.94.
- Movsesian, M.E., and others. - Luminescence of samarium, europium, and terbium acetylacetonates, p.101.
- Debatun, L.L., Mkrtchian, A.R. - Amplification of the signals of errors in precision current stabilizers, p.106.

AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, Baku, Doklady [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Reports], Baku, vol.21, no.5, 1965.

Table of contents translated:

- Baid, V.Sh. - Dependence on the parameter of quasi-periodic solutions to differential equations with delayed argument, p.3.
- Shafiev, R.A., Kerimova, D.N. - Approximate solution to a nonlinear problem in percolation theory, p.8.
- Gorlunova, N.A., Abdurakhmanova, A.A., Aliev, M.I. - Study of the boundaries of a single-phased region near gallium antimonide in the system Ga-Sb-Te, p.13.
- Mekhtiev, S.D., Rizaev, R.G., Novruzova, A.Sh. - Oxidative ammonolysis of p-tert-butyltoluene, p.17.
- Kullov, A.M., Zul'fugarova, A.G., Il'ovich, I.I. - Synthesis and study of antwear additives based on the products of condensation of alkylbenzenes with chloral, p.20.
- Floshin, M.I.A., Dzhafarov, E.A. - Electrochemical method of production of some monocarboxylic acids, p.25.
- Ibragimov, F.M. - Unsteady flow of viscoplastic liquid, p.30.
- Mamedov, Sh.N., Nurulliev, T. - Efficient parameters of blasting operations in breaking thin and very thin dipping veins, p.35.
- Palter, I.N. - Some chemical relations of hydrocarbon gases to oils in the Lokbatan deposit, p.40.
- Imanov, A.M., Seldov, A.G. - Age and synchronicity of the Akera and Goris series (Lesser Caucasus), p.44.

- Kashkai, R.M. - Altitude characteristics of the elements of streamflow in the boundaries of the Greater Caucasus, Azerbaijan S.S.R., p.49.
- Aliev, A.D. - Contact of Cretaceous and Tertiary sediments in the Caspian monocline, p.54.
- Budagov, B.A., Ikramov, L.R. - Mudflows passing through the Gavanay River in 1963, p.58.
- Volobuev, V.R. - Studying the salt ions from soils by the leaching of monoliths, p.62.
- Manafov, S.A. - Effect of growth substance of petroleum origin and new forms of petroleum fertilizers on the yield of chick-pea in dark cinnamonic soils, p.67.
- Mikhailov, M.A., Muzaltov, D.D. - Biology of the reproduction of Glycyrrhiza glabra L., p.70.
- Nastrov, S.M. - Effect of VVU on the yield and quality of wheat grain, p.75.
- Karavaev, V.S. - Bread and macaroni producing properties of durum winter wheat of the Azerbaijan S.S.R., p.79.
- Kuliev, V.Sh. - Use of herbicides on winter pastures of Azerbaijan, p.82.
- Mamedova, Sh.IA. - Promising and rust-resistant varieties of wheat hybrids under various ecological conditions of Azerbaijan, p.85.
- Veliev, T.T. - Industrial silk production in Nukha District at the beginning of the 20th century, p.89.
- Ragimov, A.G. - To whom "Takmilat al-akbar" was dedicated, p.93.
- Shein, R.V. - Burial with a coin of the 3d century A.D. in Chukhuryurd of Shevkhin District, p.99.

*AKADEMIYA NAUK SSSR, Doklady [ACADEMY OF SCIENCES OF THE U.S.S.R. Reports], Moscow, vol.104, no.1, Sep. 1965.

Table of contents translated:

MATHEMATICS:

- Akhangel'skii, A. - Condition for the conservation of metizability in factor mappings, p.9.
- Baranovskii, F.P. - Local density minima of the lattice covering for a four-dimensional Euclidean space by equal spheres, p.13.
- Gabasov, R., Kirillova, F.M. - Statistical problem of optimum control of a linear system, p.16.
- Dem'yanovich, I.U.K. - Stability of the method of differences for elliptic problems, p.20.
- Dzhibrailov, A.D. - Direct and inverse theorems on the imbedding of weight spaces, p.24.
- Dmitriev, I.U.A. - Frequency conditions of the dissipativeness and existence of periodic solutions to pulse systems with one nonlinear block, p.20.
- Zhigulgin, I.A. - Certain invariants of a group of triangular unit matrices in a space adjacent to the space of its Lie algebra, p.32.
- Korenblum, B.I. - Quasi-analytic classes of functions in a circle, p.36.
- Leont'ev, A.F. - Representation of arbitrary analytic functions by Dirichlet series, p.40.
- Musolun, V.Kh. - Representation of an arbitrary analytic function by special series, p.43.
- Plamenetskiy, B.A. - Singular integral operators on a group, p.47.
- Raisin, R.A. - Best approximation of the function $(x - \alpha)^2 |x - \alpha|^{1/2}$ by polynomials in the $L_q(-1, 1)$ ($q \geq 1$) space metric, p.51.
- Sobolev, S.L. - Difference analog of a polyharmonic equation, p.54.
- Fomin, V.N. - Parametric resonance of elastic systems with distributed parameters, p.50.
- Shevchenko, R.F. - Trace of a differential operator, p.62.

AERODYNAMICS:

- Struminskii, V.V. - Laws governing the development and stabilization of aerodynamic perturbations, p.66.

MATHEMATICAL PHYSICS:

- Ufiland, I.A.S., Iushkova, F.A. - Solution of the Dirichlet problem for a finite wedge using a spectral integral transformation in cylindrical functions, p.70.

PHYSICS:

- Nolle, E.L., Vavilov, V.S. - A cadmium telluride laser with electronic excitation, p.73.
- Gorbunkov, V.M., Korobkin, V.V., Leontovich, A.M. - Illumination of a bubble chamber by means of a ruby laser, p.75.
- Zargar'tants, M.N., and others. - Continuous operation of a GaAs injection laser cooled by a flow of gaseous helium, p.78.
- Morozov, A.I., Solov'ev, L.S. - A similarity parameter in the theory of plasma flows, p.80.

TECHNICAL PHYSICS:

- Baranov, A.A., Bunin, K.P., Globova, E.D. - Structural change in globular graphite in the cyclic thermal treatment of cast iron, p.84.
- Novokreshchenov, P.D., Rinzanskii, V.P. - Effect of an ultrasonic field on the strength of metals and alloys in the presence of a liquid metal medium, p.86.

CRYSTALLOGRAPHY:

- Kurkulova, E.N., Rumanova, I.M., Belov, N.V. - Crystalline structure of linderborite $\text{CaMgP}_6\text{O}_{11} \cdot 11\text{H}_2\text{O} = \text{CaMg}[\text{D}_3\text{O}_3(\text{OH})_5]_2 \cdot 0.12\text{O}$, p.90.

CHEMISTRY

- Vdovenko, V. M., and others. - Possibility of applying 3-(3,4-dihydroxyphenyl)alanine (DOPHA) as a mediator introducing radiolabels into melanoma. p. 35.
- Giller, S. A., and others. - 2-Furyl and 5-nitro-furyl-2-acetylene ketones. p. 99.
- Guliyev, B. B. - Chemistry of aluminum-base solid solutions. p. 103.
- Ziemelis, K., and others. - 2-Arylamino-4-phenyl-5-benzoylthiazoles. p. 106.
- Kazitsyna, L. A., Upadysheva, A. V., Reutov, O. A. - Diazonium chloride - diazo amide equilibrium in the case of p-N-benzeneulfonfylaminophenyl diazonium chloride. p. 110.
- Kargin, V. A., and others. - Nature of crystalline elastic ethylene copolymers. p. 112.
- Terentev, A. P., Volodina, M. A., Kudriashova, V. A. - Structure of Schiff's bases of N-arylpyrrolones. p. 115.
- Sharov, O. K., and others. - Transition from metal hydrides to π -allyl complexes and the initiation of the stereospecific polymerization of butadiene. p. 119.
- PHYSICAL CHEMISTRY
- Vasov, L. L., Solonitsyn, I. U. P., Terentev, A. N. - Effect of illumination on the adsorptive capacity of certain oxides. p. 122.
- Borisov, A. A., Kogarko, S. M., Ljubimov, A. V. - Instability of the surface of a liquid when detonation and shock waves are gliding on it. p. 125.
- Buganenko, L. T., Belevskii, V. N. - Reaction of thermalized electron in frozen aqueous solutions. p. 127.
- Izmailova, V. N., Pchelina, V. A., Samir Abu Ali. - Gelation mechanism in gelatin solutions. p. 131.
- Kilav, V. I., Gilev, N. N., Silarsenko, F. A. - Complex study of the structure of some natural disperse systems with an "elastic" skeleton. p. 134.
- Milushchenko, I. S. - Effect of the rate of cooling during crystallization on the liquidation microinhomogeneity and composition of solid solutions in Al-Mg alloys. p. 137.
- Gaponova, I. S., Mikhailov, A. I., Lebedev, I. A. S. - Migration of radical states in the solid phase. p. 140.
- Reginski, S. Z., Zimin, R. A., Ivanovskii, M. I. - Selective oxidizing dehydrogenation studied by pulse chromatographic method. p. 144.
- CHEMICAL TECHNOLOGY
- Lezin, I. U. S. - Sorption dynamics of vapor under parallel translation conditions. p. 147.
- Fokin, M. N., Timonin, V. A. - Extended electrode, partially passivated in a tube, and its ability to stabilize current. p. 150.
- GEOLOGY
- Avanesian, M. T., and others. - Boundary of the Cretaceous and Paleogene sediments in the southern part of the Trans-Unguz trough (eastern Turkmenia). p. 155.
- Vistelius, A. B., Feigelson, T. S. - Stratification theory. p. 158.
- Dagle, A. S., Shvanov, V. N. - Discovery of Middle Triassic in the Taurian series of the Crimea. p. 161.
- Knoring, L. D. - Density of fractures as a measure of stress. p. 164.
- Pavlov, A. M. - New complex of Permian Ammonoidea in the Pamirs. p. 168.
- MINERALOGY
- Istiyun, A. E., Malinko, S. V., Rumiantsev, G. S. - New finds of frolovite and pentahydroborate. p. 171.
- PETROGRAPHY
- Gorlatsky, I. N. - Characteristics of changes in the normative composition of ores in the Talnakh deposit along the vertical. p. 174.
- Zharkova, T. M. - Carnallite in the rock salt of the Cambrian sediments of the Siberian Platform. p. 177.
- Marnakushev, A. A., Kudriavtsev, V. A. - Paragenesis of hypersthene with sillimanite and its petrological significance. p. 179.
- LITHOLOGY
- Gerasimova, E. T., Latypov, N. G. - Characteristics of the mineral composition of the detrital material of the Lower Carboniferous terrigenous rocks in the Volga-Ural region. p. 183.
- CYTOLOGY
- Reznikov, K. I. U. - Quantitative method of evaluating the stimulation of the multiplication of nerve cells in the cerebral cortex of rats. p. 187.
- GENETICS
- Bileva, D. S. - Study of genetic processes in irradiated populations. Numerical dynamics of irradiated populations. p. 191.
- HYDROBIOLOGY
- Ahnov, A. P. - Filtration ability of mollusks of the genus *Sphaerium* (Scopoli). p. 195.
- BIOPHYSICS
- Zhil'tsova, V. M., and others. - Kinetics of DNA denaturation following ultraviolet irradiation. p. 198.

BIOCHEMISTRY

- Guzinov, I. F., and others. - Structure of products of the photooxidation reaction of porphyrins. p. 201.
- Dmitrieva, N. N., Krupnikova, T. A. - Increase in auxin-oxidase enzyme activity by purification with gel Sephadex G75. p. 203.
- Tersikh, V. V., Leiman, M. I., Georgiev, G. P. - Interrelationship between synthesis and transfer of RNA in a cell. p. 208.
- Frolova, L. I. U., Kiselev, L. L., Pangel'gard, V. A. - Role of anticodons of transfer RNA in the interaction with aminoacyl RNA synthetases. p. 212.
- PLANT PHYSIOLOGY
- Kliachko, N. L., Kulneva, G. N. - Periodicity of protein synthesis in a wild tobacco leaf. p. 210.
- Turetskaya, R. Kh., Kof, E. M. - Dynamics of auxin and inhibitor changes in green and etiolated bean cuttings in the process of root formation. p. 219.
- EXPERIMENTAL MORPHOLOGY
- Raisina, S. S. - Immunologic nature of atrophy of an injured testicle. p. 223.
- PHYSIOLOGY
- Il'inski, O. B., Fiks, V. B., Khrapkova, S. I. - Effect of temperature on the bioelectric activity of Pacinian bodies. p. 227.
- Maslova, M. N. - Content of gamma aminobutyric acid in the brain of animals in the case of stimulation and inhibition of the central nervous system. p. 230.
- ENDOCRINOLOGY
- Volkovich, A. A. - Reparative processes in the thyroid gland after considerable periods following its resection. p. 234.
- PARASITOLOGY
- Logachev, T. D. - Fine structure of the sheep tape - worm larva *Coccunus skrjabini*. p. 238.
- Vol. 164, no. 2, Sep. 1965.
- Table of contents translated.
- MATHEMATICS
- Akhangel'ski, A. - Behavior of metrizable in factor mappings. p. 247.
- Berman, D. L. - S. N. Bernstein interpolation process in the complex region. p. 251.
- Bedikhina, E. A. - Approximation of almost periodic Stepanov functions. p. 255.
- Veksel, A. I. - Structural ordering of algebras and rings. p. 259.
- Dmitriy, I. U. A. - Frequency conditions for the absolute stability of pulse automatic systems with one nonlinear block. p. 263.
- Kagan, A. M., Sukinok, V. N. - Structure of a complete class of unbiased estimates for families of distributions of a special type. p. 267.
- Komlenko, I. U. V. - Some criteria for the nonoscillation and boundedness of solutions to linear differential equations. p. 270.
- Lubich, I. I., Tkachenko, V. A. - Uniqueness and approximation theorems for a local Laplace transformation. p. 273.
- Rogozhin, V. S. - General scheme of solution of boundary value problems in a space of generalized functions. p. 277.
- Sobolev, S. L. - Optimal mechanical cubature for nuclei with nodes at the points of regular lattices. p. 281.
- Suetin, P. K. - Some asymptotic properties of orthogonal polynomials in the complex region. p. 285.
- CYBERNETICS AND REGULATION THEORY
- Bukharov, R. G. - Criterion of the representability of events in finite probability automata. p. 289.
- HYDROMECHANICS
- Sushkov, V. A. - Two-dimensional potential flows with stationary flow lines. p. 292.
- THEORY OF ELASTICITY
- Koronev, B. G. - Some two-dimensional thermoelasticity problems involving periodic influence of heat. p. 294.
- PHYSICS
- Krasko, G. L. - One quasi-single particle approximation in Coulomb's problem of many particles. p. 298.
- Mestvirishvili, M. A. - Integral representation for a two-particle amplitude in the nonrelativistic case. p. 301.
- TECHNICAL PHYSICS
- Bochvar, A. A., Pshenichnov, I. U. P., Chuvilina, I. N. - Growth of deformation twins. p. 305.
- Novikov, I. I., Shashkov, D. P. - Change in the physical properties of metallic compounds in their transformation from the brittle state into the plastic. p. 307.
- Rozenberg, L. D., Kazantsev, V. F., Mechetner, B. Kh. - Increase in ultrasonic cutting efficiency. p. 311.
- GEOPHYSICS
- Sgibneva, L. A., Fel'zenbaum, A. I. - Theory of tides in a fluid with friction. p. 315.
- CRYSTALLOGRAPHY
- Budnikov, P. P., Popov, N. M., Sandulov, D. B. - Use of a superhigh-voltage electron microscope in studying filamentary single crystals of beryllium oxide. p. 323.

CHEMISTRY

- Azatonov, A. A., Balandin, A. A., Bodnarchuk, R. D. - Catalytic synthesis of p-aminostyrene. p. 327.
- Vol'pin, M. E., and others. - Nitrogen fixation on hydrogen-activating transition metal complexes. p. 331.
- Zedelezhvili, E. N. - Physicochemical properties of the radiolysis product of crystalline o-nitroaniline. p. 334.
- Maksimov, O. B. - Products of the oxidative decomposition of humic acids. p. 336.
- Mastukova, T. A., and others. - Reactivity of ambident anions. Alkylation of sodium derivatives of acetoacetic ester and acetylacetone by triethyl oxonium fluoborate. p. 340.
- Orlov, N. F., Milesikov, V. P. - Synthesis of dialkyltriorganosilylmethoxymethyl phosphonates and their hydrolytic stability. p. 344.
- Sandikov, I. U. - Anomalous chemical shifts and conformational effects of cyclic esters of sulfuric and selenic acids. p. 347.
- Shteyn, S. M., Shteyn, N. M. - Reaction of manyl halides with tri-n-butylphosphine oxide. p. 351.
- TSukerman, S. V., and others. - Basicity of furan, thiophene, and selenophene analogs of ethylene. p. 354.
- Shchukovskaya, L. L., Pal'chik, R. I., Lazarev, A. N. - Synthesis and reactions of trimethylallylketone - trimethylsilylacetylene. p. 357.
- PHYSICAL CHEMISTRY
- Vladimirova, V. I., and others. - Radiation-catalytic transformation of methanol. p. 361.
- Gerasimov, G. M., and others. - Radiation polymerization of vinyl chloride in solid solutions at low temperatures. p. 365.
- Gloiti, O. A., TSheleshtvili, G. V., Shishkov, N. A. - Arrangement of silver ions in zeolite AgX. p. 368.
- Gol'din, S. A., Dalid, A. P., Shtern, V. I. A. - Spectroscopic study of the cold-flame glow appearing during propane nitration by nitric oxide. p. 371.
- Mal'ina, Z. K., Skibida, I. P., Emanuel, N. M. - Mechanism of the catalytic decomposition of hydroperoxides under the effect of copper stearate. p. 374.
- Savitskaya, E. M., Nys, P. S., Huns, B. P. - Equilibrium distribution of amino acid in the water-ion exchange system. p. 378.
- Shubin, V. N., Dolin, P. I. - Yield of products from water radiolysis in acid solutions saturated with argon under high pressure. p. 382.
- CHEMICAL TECHNOLOGY
- Benozhlov, A. S., Gul'ko, N. V. - Subsolidus structure of the four-component systems $MgO-Cr_2O_3-Al_2O_3-SiO_2$, $MgO-Cr_2O_3-Al_2O_3-TiO_2$, and $MgO-Cr_2O_3-Al_2O_3-ZrO_2$. p. 384.
- Knubovets, R. G., Naslenskov, B. M. - Adsorption of flotation reagents by minerals studied by infrared spectroscopy. p. 387.
- GEOLOGY
- Vasilchenko, L. V. - Distribution of Foraminifera in the Krasnoyarsk series of the Upper Cretaceous in southern Sakhalin. p. 391.
- Gorolov, S. K. - One regularity of the formation of negative structural elements in the southeastern part of the Russian Platform and the cis-Ural trough at the geomorphological stage of their development. p. 395.
- Mineev, D. A., Skorobogatova, N. V., Bykova, A. V. - Composition of pyrochlore group minerals from rare-metal pegmatites. p. 399.
- HYDROGEOLOGY
- Zverev, V. P. - Sulfate-calcium equilibrium in underground waters. p. 403.
- MINERALOGY
- Simonov, M. A., Dolov, N. V. - Crystal structure of the Na, Zn, Cd-metasilicate $Na_4ZnCdSi_2O_{12}$. p. 406.
- PETROGRAPHY
- Rusakov, V. I. - Disorderly hydrothermal albite and its petrographic significance. p. 410.
- LITHOLOGY
- Vozzilin, N. N. - Some basic problems of the conditions governing the formation of Cretaceous sediments in Fergana as related to the study of Mesozoic weathering surfaces. p. 414.
- Ditmar, V. I., Tikhomirov, V. I. - Middle Paleozoic red-bed halogen sediments in the southwestern part of central Kazakhstan. p. 418.
- Karpova, G. V. - Some occurrences of authigenic hydro-mineralization in terrigenous sediments. p. 422.
- GEOCHEMISTRY
- Goncharov, I. U. I. - Potassium in the waters of the Lower Permian halogen formation of the Donets Basin. p. 426.
- PALEONTOLOGY
- Vologdin, A. G., Korde, K. B. - Some species of ancient Cynophylia and their bioecoses. p. 428.
- GENETICS
- Agol, V. I., Tol'skaya, E. A., Voronikhina, M. K. - Pleiotropia of guanine mutations of the poliovirus. p. 433.

BIOPHYSICS

- Aleksandrov, I.D. - Correlation between two forms of postirradiation cell destruction in the bone marrow of mice, protected and not protected by mexamine. p. 437.
- Graevskii, E. A., and others. - General mechanism of the radioprotective action of amino thiols and anoxia. p. 441.
- Ianushchik, M. I. - Effect of intestine screening on the restoration of hemopoiesis in irradiated mice. p. 445.

BIOCHEMISTRY

- Zyligil'skaia, R. A., Kotelnikova, A. V. - Effectiveness of oxidative phosphorylation in yeast mitochondria. p. 446.
- Shaplo, N. I., Moskvicheva, I. V. - Similarity of the molecular weight of diphtheria toxin and anatoxin according to the data of gel filtration. p. 451.
- PLANT PHYSIOLOGY:
- Budyko, M. I., Gandin, L. S. - Theory of photosynthesis in a layer of vegetation. p. 454.
- Kulaeva, O. N., Klischko, N. L. - Effect of quinine on the protein synthesis in leaves. p. 458.

PHYSIOLOGY

- Vainfeld, I. L., Grashchenko, N. I., Kassil', G. N. - Histamine and its inactivating systems in acute craniocerebral trauma. p. 462.
- Lukhanenko, V. I. - Comparative characteristics of the humoral factors of natural immunity in sturgeons. p. 466.
- Chudakova, I. V., Bocharova-Messner, O. M. - Change in the functional and structural characteristics of the wing muscles of the house cricket *Acheta domestica* L. in ontogeny. p. 469.

Vol. 164, no 3, Sep. 1965.

Table of contents translated:

MATHEMATICS:

- Volkov, E. A. - Use of the method of refinement by differences of higher order in solving the Dirichlet problem. p. 479.
- Gerdlin, Z. - Commutative systems as generalized semigroups. p. 483.
- Gechko, F. I. - Characteristics of the growth of integral functions of several complex variables. p. 487.
- Il'in, A. M. - Stability of difference schemes devised for the Cauchy problem when used for systems of partial differential equations. p. 491.
- Mitnik, I. P. - Some properties of functions regular in a multiply connected region. p. 495.
- Behavior of certain classes of polynomials at infinity. p. 499.
- Nikol'skii, I. U. S. - Boundary values of functions from weight classes. p. 503.
- Tikhonov, A. M. - Incorrect problems of optimal planning and stable methods for their solution. p. 507.
- Chernikov, N. N. - Categories of mathematical statistics. p. 511.
- CYBERNETICS AND REGULATION THEORY
- Kholevo, A. S. - Automata forecasting stochastic processes. p. 515.

MECHANICS:

- Sedov, L. I. - Tensor of pulse energy and macroscopic internal interactions in a gravitational field and in material media. p. 519.

THEORY OF ELASTICITY

- Pogorelov, A. V. - Critical external pressure on the ellipsoidal bottom of a cylindrical reservoir. p. 523.

ASTRONOMY

- Vandakurov, I. U. V. - Mechanism underlying the instability of pulsating stars. p. 525.

PHYSICS

- Adirovich, E. I., Rubinov, V. M., Ilyabov, I. U. M. - Microphotobatteries or photocells? p. 529.
- Akhmor, I. A. - Effect of an electric field, illumination, and adsorbed molecules on the spectra of a condenser photo-e. m. f. in TiF, AgBr, and ZnO. p. 533.

- Zubarev, D. N. - Statistical operator for nonstationary processes. p. 537.

- Livshits, L. D., and others. - Change in the strength of some substances in the region of polymorphous transitions under pressure. p. 541.

- Mazalov, L. N., Vainshtein, E. E., Zyrianov, V. G. - Relation between zonal and discrete absorption in atomic X-ray spectra in polar crystals. p. 545.

TECHNICAL PHYSICS:

- Gorbachev, A. A. - Structural defects in molten quartz. p. 549.
- Levin, L. M., Sedunov, I. U. S. - Turbulent gravitational coagulation of cloud droplets. p. 552.
- Folzbaum, A. I. - Dependence of wind coefficients in the Arctic basin on the wind velocity and ice thickness. p. 556.
- Fofitadi, E. E., Van'ian, L. L., Kharin, E. P. - Magneto-variational depth soundings in southern Middle Siberia and in Transbaikalia. p. 559.

CHEMISTRY:

- Vinogradova, S. V., and others. - Kinetics of the polycondensation of bis-phenols with terephthalic acid chloride. p. 563.
- Glazova, V. V. - Phase equilibrium in the ternary system titanium - aluminum - oxygen. p. 567.

- Grebenshchikov, R. G., Pasechnova, R. A. - Determination of the standard heats of formation of barium germanates. p. 571.

- Gulayev, B. B. - Chemistry of titanium-base solid solutions. p. 574.
- Zakharin, L. I., Kalinin, V. N. - Nitration of phenylbarene, phenylbareneacetylenic acid, and phenylneobutene. p. 577.

- Il'icheva, Z. F., Kharlamova, E. N., Slovokhotova, N. A. - Spectroscopic study of the complex formed by natural rubber with titanium tetrachloride. p. 581.

- Levin, E. S., Rodionova, G. N. - Tautomerism of lactams in vapors studied by means of infrared spectroscopy. p. 584.

- Paukov, I. F., Tonkov, E. I. U., Mirinskii, D. S. - Phase diagram of sulfur at high pressure. p. 588.
- Turova, N. I. A., and others. - Structure and properties of the complex compound $\text{BeCl}_2 \cdot \text{AlCl}_3 \cdot 3(\text{C}_2\text{H}_5)_2\text{O}$. p. 590.

- TSivunin, V. S., Gil'm Kamal, Khisanudinova, R. Sh. - Complex formation of vinyl ethers with pentavalent phosphorus chlorides. p. 594.

- Chudakov, M. I., and others. - Use of hydrolytic lignin for the production of quinonic nitropoly-carboxylic acids as growth promoting substances. p. 598.

- Chukovskaya, E. TS., Kuznyshova, A. A., Freidlina, R. Kh. - Reaction of chloroform with 1-heptene initiated by iron pentacarbonyl in conjunction with amines. p. 602.

PHYSICAL CHEMISTRY

- Koreskov, G. K., Khasin, A. V., Starostina, T. S. - Isotope oxygen exchange on silver films. p. 606.
- Iogansen, A. V. - Relation between hydrogen bond energy and the intensity of infrared absorption. p. 610.

- Kaflovskii, I. A., Lebedev, A. N. - Effect of surface-active substances on the rate of dissolution of gold in cyanide solutions. p. 614.

- Krichenko, L. F., and others. - Sorption of cations from acid solutions on silica gels obtained by a hydrothermal method. p. 618.

- Myl'nikov, V. S. - Effect of vapors and gases on the conductance, photoconductivity, and photoelectromotive force of copper polyphenylacetylene. p. 622.

CHEMICAL TECHNOLOGY

- Ur'ev, N. B., Mikhailov, N. V., Rebinde, P. A. - Structure-forming role of solid surfaces in the process of cementing by aqueous suspensions of cement. p. 626.

GEOLOGY

- Vlastelov, A. B., Enas, A. V. - Characteristics of the alteration of layers in some cross sections of sedimentary formations. p. 629.

- Lebedinskii, V. I. - Lamellar pseudoxenoliths in the Plak intrusive massif (Crimean Mountains). p. 633.

- Maksimov, E. V. - Uniform character of the contraction of Wilian glaciers in the mountains of Central Asia, Eastern Siberia, and Kamchatka. p. 637.

- Mitshink, M. F., Mikrichan, O. M. - Devonian graben like troughs in the platform part of Bashkiria. p. 640.

- Mukhlina, V. P., and others. - Basic characteristics of the paleogeography of the Ural in the Eifelian stage. p. 644.

- Potapenko, I. U. A., Momot, S. P. - New data on Cambrian sediments in the Northern Caucasus. p. 648.

- Rybenkov, V. N., Gorshkova, E. R. - Large displacement fault in the western slope of the Western Verkhoyansk Range. p. 651.

- Tikhvinskii, I. N. - Fundamentals of the stratigraphy of Lower Permian sediments in the Volga-Vyatka interfluvium and adjacent areas. p. 654.

MINERALOGY

- Kepezhinskii, K. B. - Determination of the composition of chlorites according to their physical properties. p. 658.

PETROGRAPHY

- Arkhangel'skaia, V. V. - Genesis of pseudoleucites in the Synnyr massif of alkaline rocks. p. 662.

LITHOLOGY

- Zaritskii, P. V. - Possibility of the utilization of concretions for the determination of the reduction of the initial substance of coal. p. 666.

GEOCHEMISTRY

- Davidenko, I. V. - Energy of the crystal lattices of silica and silicate modifications. p. 670.

- Litnikova, N. N., Kulikova, M. F. - Leaching of rare elements from sulfide ores under the influence of bacteria. p. 674.

PALEONTOLOGY

- Vologdin, A. G. - Find of algae remains in the Muran-dava series of the Proterozoic of the Khingan Mountains (Far East). p. 677.

- Etingof, R. N., Osipova, I. V., Govardovskii, V. I. - Effect of illumination and vitamin A on the structure of the external segments of retinal rods; an electron microscopic study. p. 681.

BIOPHYSICS:

- Graevskii, E. A., Nekrasova, I. V., Tarasenko, A. G. - Radioprotective effectiveness of endogenous sulphydryl compounds. p. 684.

BIOCHEMISTRY

- Gulyi, M. F., Pechenova, T. N., Matusevich, L. I. - Isolation of acetyl phosphate formed in the liver homogenate following transformation of ethyl acetate. p. 686.

- Emoklina, T. M., and others. - Species specificity of "soluble" RNA and aminoacyl-tRNA-synthetases in some plants. p. 688.

- Stokrov, V. S. - Change in the composition of amino acids in the course of their abiotogenic synthesis as related to the duration of the ultraviolet action on the solutions of formaldehyde and ammonia salts. p. 692.

- Chetverikova, F. P. - Effect of papaverine and some inhibitors on the creatine kinase in the skeletal muscles. p. 698.

PLANT PHYSIOLOGY

- Karmanov, V. G., Meleshchenko, S. N. - Some data on the effect of mineral nutrition on water balance in plants. p. 699.

- Shepelev, F. L., Lebednits, L. N. - Effect of gibberellin on the germination of seeds of the pycnan (Carya olivaceiformis Nutt.). p. 701.

PHYTOPATHOLOGY

- Ivanova, T. M., Davydova, M. A., Rubin, B. A. - Fungistatic effect of phenols and their role in plant immunity. p. 705.

ZOOLOGY

- Darevskii, I. S., Krasil'nikov, E. N. - Some characteristics of the blood cells of triploid hybrids of *Laccaria saxatilis* Friesmann. p. 709.

EXPERIMENTAL MORPHOLOGY

- Bukhonova, A. I. - Response of various zones of the injured epidermis to hormones. p. 712.

PHYSIOLOGY

- Alekseeva, L. M. - Changes in contractile and sarcoplasmic protein in a traumatically injured myocardium. p. 716.

AKADEMIA NAUK USSR, Kiev. Dopovidy [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Reports]. Kiev, no. 9, 1965.

Table of Contents translated:

- Dakian, V. V., Shatazhvili, A. D. - Transformation of Gaussian measures in nonlinear mappings in Hilbert space. p. 1115.

- Kats, I. S. - Use of the method of variable directions in solving the third boundary value problem. p. 1117.

- Ivashynskii, S. D. - A priori estimates of solutions to the Cauchy problem for 2D-parabolic systems. p. 1121.

- Martynenko, M. D. - A boundary value problem for elliptic equations. p. 1125.

- Hurari, V. P. - Completeness of a system of functions related to a group of spatial transformations. p. 1129.

- Shlemburg, A. S. - Vector analog of an algorithm of Charnes's 6-polynomials. p. 1133.

- Varvak, P. M. - Nonlinear problem involving a zero-moment shell of uniform strength. p. 1137.

- Kikh, I. U. O., Avramchuk, N. A. - Some cases of perturbed motion of a material point in a central field of gravity. p. 1139.

- Stepanuk, V. V. - Vibrations of an acoustic wave emitted by an orthotropic shell containing a flowing ideal gas. p. 1145.

- Babenko, V. I. - Supercritical deformations of conical shells in torsion. p. 1150.

- Vai Fo Fl, G. A. - One solution to the two-dimensional doubly periodic problem in the theory of elasticity. p. 1152.

- Pysarenko, H. S., Bazhenov, V. H., Kozlov, I. A. - Concentration of stresses around eccentric holes in real turbine discs and pump discs. p. 1167.

- Diadusha, H. H., Kuprievich, V. A. - Theory of a self-consistent field in multiconfigurational approximation. p. 1181.

- Iunkov, I. A., Bulakh, H. I. - Gravity anomaly V_{xx} over anticlinal and synclinal structures in the earth's crust. p. 1167.

- Shcherban', O. N., Furman, N. I., Tarasovych, V. M. - Analysis of thermal transients in concentrated active loads of electric circuits at I_m const. p. 1172.

- Iremenko, V. N., Lysotvnychii, V. IE. - Constitution diagram of the system titanium - phosphorus. p. 1176.

- Karpenko, I. V., Babel, I. U. I., Karpenko, G. V. - Possibility of increasing the corrosion-fatigue resistance of hardened steel. p. 1179.

- Kaurkova, H. K., and others. - Radiation-induced chemical cross-linking of polyolefins in the presence of sulfur monochloride. p. 1183.

- Deinsha, I. U. F., Lobastova, A. V. - Effect of oxidation on electrokinetic phenomena in plastic lubricants. p. 1186.

- Kunytsa, M. O. - Holocene travertines of the Dniester Valley and their fauna. p. 1190.

- Kalenchenko, T. D., Kruglov, S. S., Migachova, IE. IU. - Stratigraphy of Middle Jurassic sediments in Soviet Transcarpathia. p. 1193.

- Morozov, H. V., Sasynovych, V. S., Shovkoplos, V. M. - Thermoluminescence of argillites and structural zones in the Pokutyne and Bukovina Carpathians. p. 1196.

- Krylov, V. F. - Nature of sag deformations in the locus of the southern Ukrainian S.S.R. p. 1200.
- Dutukhin, N. V., Zaytsev, O. I. - Characteristics of the distribution of fluorine in the igneous rocks of the Donets Basin as a possible criterion in prospecting for fluorite p. 1203.
- Makar, O. S. - Third group of particular paraffinic schemes and formulas of the indirect distance-measuring method. p. 1208.
- Buchyn'ska, N. I., Kondrachuk, V. U. - Find of celadonite in the weathering surface of Kirovskiy granite. p. 1214.
- Starichuk, A. P. - Inhibition of type 1 adenovirus reproduction in tissue culture by 6-azacytidine and 6-azacytidine p. 1219.
- Romanenko, V. D. - Role of the liver in calcium metabolism p. 1222.
- Dmytrenko, P. O., Luhov'ska, K. I. A., Tomashev'ska, O. I. - Characteristics of the nutrition of grain crops and legumes in their mixed sowing p. 1225.
- Sytynsk, K. M., Musatenco, L. I. - Metabolism in tall and dwarf pea varieties p. 1228.
- Kyhalenko, A. P. - Role of boron in the processes of phosphorylation and respiration of plants. p. 1231.
- Bit'ko, V. P. - Growth compensation and the Lee phenomenon in *Neogobius fluviatilis* Pallas. p. 1237.
- Savchenko, I. M. - Crane flies of the genus *Limonia* M. G. (Diptera, Limoniidae), new for the fauna of the European part of the U.S.S.R. p. 1240.
- Byrdil, V. M. - Leaf beetles of the genus *Lochmaea* W. S. in the central Dnieper Valley p. 1244.
- Present state and future development of the research in the field of biotaxis in the institutions of the Academy of Sciences of the Ukrainian S.S.R. p. 1240.
- Various information. p. 1249.
- Khramov, K. K. - Academician Viktor Vasil'evich Danilevskiy. p. 1251.
- Lepeva, A. I. - Session of the Scientific Council on the problem "Theory of chemical structure, kinetics, and reactivity." p. 1253.
- AKADEMIA NAVUK BSSR, Minsk. Doklady [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Reports].** Minsk, vol. 8, no. 8, June 1965.
- Table of contents translated:
- Khatkevich, A. G., Bokut', B. V. - Condition of phase coordination in the transformation of the light wave frequency p. 357.
- Gouharrenko, A. M., Sot'skil, B. A. - Theory of a dielectric circuit resonator. p. 360.
- Rutkovskiy, F. K., Gai'yanova, T. K. - Density distribution of pumping radiation in a trigonal rod. p. 364.
- Stepanov, B. I., Rubinov, A. N., Mikhov, S. A. - Determining the parameters of losses on a ruby laser. p. 367.
- Severdenko, V. P., Makushok, E. M., Segal, V. M. - Flow from a plane stamp into a slot. p. 372.
- Nekrashevich, N. G., Baluto, I. A. - Effect of additional energy on the plastic flow of solids. p. 374.
- Pavliuchenko, M. M., Slyshkina, S. A., Produn, E. A. - Thermal stability of natural and synthetic manganese carbonates. p. 379.
- Pap, A. M., Koval'chuk, A. K. - Amygdaloidal diabase in the Svisloch' region. p. 383.
- Lukashov, K. I., Sachok, G. I., Lukashov, V. K. - Geochemical areas of clays based on their chemical indices. p. 387.
- Medvedeva, M. G. - Characteristics of the chemical composition of underground waters in the Nauova horizon of the Middle Devonian in the northeastern regions of White Russia. p. 393.
- Simonovich, L. G. - A new species of the genus *Adonis* L. p. 396.
- Lozhkina, N. N., Udovenko, G. V. - Effect of potassium and chlorine on phosphorus absorption and phosphorus metabolism in corn plants. p. 401.
- Tarashevich, E. I. - Cytomorphological characteristics of the development of triplid seeds. p. 404.
- Leonov, V. A., Pavlova, M. P. - Natural radioactivity balance in leukemias. p. 407.
- Gatko, G. G. - Zinc concentration in the blood and urine in sugar diabetes. p. 410.
- Bulygin, I. A., Soltanov, V. V. - Sympathetic nature of C-afferents. p. 412.
- Zapozheta, A. A. - Biological function of the great omentum. p. 415.
- Sosnovskiy, A. T. - Further study of some microelements in X-ray dermatitis. p. 419.
- Leonovich, A. L. - Significance of experimental histological and chemical studies of peroxidase and acid phosphatase in the diagnosis of multiple sclerosis. p. 422.
- Stepanov, B. I., Prishivalko, A. P. - Dependence of the radiation power of plane-mirror gas lasers on the angle of unparallelism of the mirrors. p. 432.
- Shot, N. N., Makovetskaia, L. A. - Thermodynamic of solid solutions of indium phosphide and gallium arsenide. p. 435.
- Ranov, A. P., Il'ich, G. K. - Diffusive transmissivity of optically thick light-diffusing media. p. 438.
- Shishkin, G. V. - Nonpolarized state in lepton radiations engendered in neutrino interaction with matter. p. 443.
- Pavliuchenko, M. M., Pokrovskiy, I. I. - Kinetics of vaporization of sulfur from sulfide scales p. 446.
- Konairov, V. S., and others. - Effect of acid treatment on the structure of clay minerals. p. 450.
- Makushok, E. M., Segal, V. M., Severdenko, V. P. - Integration of equations of a field of slip lines p. 454.
- Obukhov, V. I. - Symbols used in the derivation of structural formulas for automatic systems p. 458.
- Wave impedance of a nonsymmetrical plane line with a round wire p. 460.
- Fomina, V. D., Lufinovich, I. I., Kisilev, V. Z. - Joining of potassium halogens in the Slavobin deposit p. 463.
- Lukashov, K. I., Petukhova, N. N. - Soil-biogeochemical areas in White Russian Polesye. p. 468.
- Paichenova, N. I. - Diffusion processes in moraine sandy and clay loams in contact with salts. p. 473.
- Lomakin, A. G., Bulanov, P. A. - Protective effect of water-soluble polysaccharide from a yeastlike microorganism of the genus *Pullularia* on irradiated mice. p. 477.
- Rakushko, T. A. - Lactonase activity of actinomycetes, producers of antibiotics. p. 480.
- Riabov, K. P. - DNA content in the adenoid glands of rabbits of various ages under physiological and physical load. p. 483.
- Bulygin, I. A., Zorina-Tshikina, K. F. - Compilation of afferent innervation of the terminal portion of the intestines in vertebrate phylogeny. p. 488.
- Prikopchuk, A. A., Khomich, P. A. - Histochemical determination of glycogen in the skin following certain dermatoses p. 492.
- Golovneva, L. F. - Occurrence of the tick *Dermoglyphus minor* (Nounoi, 1882) Trouessant 1880 in hems of the White Russian S.S.R. p. 495.
- FESTI Loodus [ESTONIAN NATURE].** Issued by Eesti NSV Teaduste Akadeemia [Academy of Sciences of the Estonian S.S.R.]. Tallinn, no. 3, May-June 1965. [In Estonian]
- KIIMIA I ZHIZN' [CHEMISTRY AND LIFE].** Issued by Akademia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 7/8, 1965.
- MOKSLAS IR GYVENIMAS [SCIENCE AND LIFE].** Issued by Lietuvos TSR "Zinijos" draugija ["Zinija" Society of the Lithuanian S.S.R.]. Vilnius, no. 0(66), Sep. 1965 [In Lithuanian]
- NAUKA I SUSPILSTVO [SCIENCE AND SOCIETY].** Issued by Tovarystvo "Znanania" Ukrainy/Roi RSR ["Znanania" Society of the Ukrainian S.S.R.]. Kiev, vol. 15, nos. 7-9, July-Sep. 1965 [Supersedes "Nauka i zhittia."]
- NAUKA I ZHIZN' [SCIENCE AND LIFE].** Issued by Vsesoyuznoye obshchestvo "Znanie" ["Knowledge" All-Union Society]. Moscow, vol. 32, no. 9, Sep. 1965.
- PRIRODA [NATURE].** Issued by Akademia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 54, no. 9, Sep. 1965.
- Table of contents translated:
- Great victory of Soviet science; we have erased a huge white spot from the map of the moon. p. 1.
- Knunian, I. L., Loshadkin, N. A. - Mutations and heredity. p. 2.
- Nesmetanov, A. N., Belikov, V. M. - Problem of food synthesis p. 13.
- Mikaelian, L. A. - Neutrino. p. 24.
- Pleacev, V. E. - Bread of mankind; polyploidy and wheat breeding. p. 36.
- Golovny, E. T., Luk, A. N., Starinets, V. S. - Modeling some properties of memory. p. 45.
- Kazanski, V. I. - Recent structures of the earth crust; rejuvenation of platforms and mineralization. p. 51.
- Dol'nitsin, P. K. - Make way for valuable fish; how to help fish to get over dams. p. 50.
- Sazanov, A. A. - Extracelliptic observations of the solar corona. p. 61.
- Orlovskiy, A. F., Gladilin, K. L. - Solving another mystery of protein synthesis; recent successes in the deciphering of the amino acid code. p. 67.
- Expanded forum of chemists; the 20th International Congress on Theoretical and Applied Chemistry. p. 70.
- Kazutinskii, V. V. - Infinity in modern cosmology. p. 72.
- Povarkov, I. A. - "Gods" of Epicurus, a paradox or a concept? p. 75.
- Golgofskaya, K. U., Kotov, V. A. - In the mountains of the Caucasus. p. 80.
- Kunin, V. N. - Two days in the Atacama Desert. p. 85.
- Kozlov, V. V., Sul'di-Kondrat'ev, F. D. - Are there mineral resources on the moon? p. 97.
- Seven artificial satellites in two days. p. 117.
- Miroshchuk, L. I. - Sun as a "biom" for cosmic rays. p. 118.
- Korota, M. A., Pontozovskiy, Z. L. - Unsolved problems of astrophysics. p. 118.
- Meteorological rocket "Meteor." p. 119.
- Turner, I. F. - Conference of young cyberneticists. p. 120.
- Kholodov, I. U. - Biological effect of magnetic fields, a conference in Tomsk. p. 121.
- Golubkov, G. V. - Geographic poles and petrified trees. p. 122.
- Biberman, L. M. - S. I. Vavilov Gold Medal. p. 123.
- Burykina, V. V. - Forest vitamins. p. 125.
- Lamakin, V. V. - Nocturnal mirage on the Baikal. p. 126.
- RUSSIA (1923- U.S.S.R.) Komissiya po okhrane prirody, Khranilo soobshcheniya [Committee on Conservation, Brief Reports].** Moscow, no. 2(13), 1962.
- Table of contents translated:
- Law on Conservation in the White Russian S.S.R. p. 3.
- Resolution of the Supreme Soviet of the Komi Autonomous Soviet Socialist Republic on measures for the implementation of the Law on Conservation in the R.S.F.S.R. in the Komi A.S.S.R. p. 13.
- Suggestions by the Intercollegiate Conference on "Legal Aspects of Conservation" which was held on December 25-27, 1961, at the Law Department of Moscow State University. p. 29.
- ZNANIE - SILA [KNOWLEDGE IS POWER]** Organ of Gosudarstvennyi komitet po professional'no-lekhnicheskomu obrazovaniiu pri Gosplane SSSR [State Committee for Industrial Training, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, vol. 10, no. 10, Oct. 1965.
- ZNANNIA TA PRATISA [KNOWLEDGE AND WORK].** Issued by Tsentral'nyi komitet Leninskoho komunistychnoho soluzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no. 9(307), Sep. 1965.
- b. ASTRONOMY**
- AKADEMIA NAVUK BSSR, Institut teoreticheskoi astronomii, Bul'tonin' [ACADEMY OF SCIENCES OF THE U.S.S.R., Institute of Theoretical Astronomy, Bulletin].** Leningrad, vol. 10, no. 4(117), 1965.
- Table of contents translated:
- Alekseev, V. M. - Generalized three-dimensional problem of two fixed centers. Classification of the motions involved. p. 241.
- Ivanenko, M. A. - Methods for calculating the lunar ephemeris. p. 272.
- KOSMOS [SPACE].** Issued by Akademia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, 1965.
- Table of contents translated:
- Shatunov, V. V. - Problem of lunar mantle. p. 3.
- Prikozov, V. K. - Oxygen and water vapors in the atmosphere of Venus and Mars. p. 19.
- Kondrat'ev, K. I. A. - Investigating the earth's atmosphere by means of rockets and satellites. p. 33.
- Gindilis, I. M. - Dust matter in the interplanetary and close-to-earth space. p. 68.
- Survey of bioastronomical research works in 1963. p. 88.
- REFERATIVNYI ZHURNAL: ASTRONOMIYA (Otdel'nyi vypusk 51) [JOURNAL OF ABSTRACTS: ASTRONOMY (Separate Issue 51)].** Issued by Institut nauchnoi informatsii Akademi nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, Sep. 1965.
- REFERATIVNYI ZHURNAL: GEODEZIYA (Otdel'nyi vypusk 52) [JOURNAL OF ABSTRACTS: GEODESY (Separate Issue 52)].** Issued by Institut nauchnoi informatsii Akademi nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Oct. 1965.
- c. BIOLOGY**
- AKADEMIA NAVUK ARMIAANSKOI SSR, Eriyan. Izvestiia, Biologicheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R., Bulletin, Biological Sciences].** Eriyan, vol. 18, no. 6, June 1965.
- Table of contents translated:
- Safrazbekian, R. R. - Effect of 5-oxytryptamine (serotonin) on blood pressure and respiration. p. 3.

- Shakian, T. A. - Some embryological data on the process of cotton fertilization. p. 14.
- Shakhov, A. A., and others. - Effect of ultraviolet radiation on the spectral properties of plants. p. 23.
- Avetisyan, A. D., Smbatian, M. S. - Physiological methods of the regulation of corn irrigation. p. 30.
- Adamian, L. G. - Effect of the degree of soil erosion on the growth and development of underground and aerial organs of woody plants. p. 37.
- Teteremkova-Babalan, D. N., Pogostian, V. A. - New species of fungi on fruit and berry plants of the Armenian S.S.R. p. 43.
- Ostapian, L. L. - Materials on Peronosporales of the Armenian S.S.R. p. 53.
- Arutunian, L. V. - Full coloring of leaves in the parks of Erivan. p. 62.
- Badalyan, L. L., Stepanian, G. G., Manukian, S. S. - Effect of the natural gastric juice of a dog on the phagocytic function of the reticuloendothelial system in rabbits. p. 69.
- Mikeadze, A. L., Garibian, A. A. - Study of nerve fibers of the denticulate ligaments of the spinal cord. p. 74.
- Kutagin, V. K., Rakhman, L. E. - Pathogenesis and treatment of acute diffuse peritonitis. p. 80.
- Abramian, K. S., Reingold, Y. M. - Comparative characteristics of the submicroscopic structure of nuclear membranes in some cells. p. 87.
- Avakian, T. S. M., Adzhian, N. S., Kazarian, G. T. - All-purpose automatic units for the production of intracellular microelectrodes. p. 93.
- Mikaelian, V. M. - Effect of fertilizers on the growth of apple tree roots. p. 98.
- Vol. 18, no. 8, Aug. 1965.
- Table of contents translated:
- Babalian, A. A., and others. - Study of the resistance of tobacco varieties and hybrids to Peronosporales. p. 3.
- Maizdzhanian, G. M., Kankanian, A. G., Ust'lian, A. K. - Causes for the mass reproduction of plant feeding mites following plant treatment with chloro-organic insecticides. p. 10.
- Khizantseva, S. M. - Some characteristics of the embryology of seedless grape varieties and hybrids. p. 22.
- Beghian, N. P., Nazarian, O. A., Voskanian, A. Z. - Effect of X rays and gibberellin on some biochemical characteristics of *Ipomoea purpurea* and *Cosmos bipinnatus* varieties. p. 32.
- Urgandzhian, T. G. - Mechanism of compensatory adaptability of an injured organism. p. 41.
- Tor-Zakharian, I. U. Z., Khachatryan, A. A. - Absorption and distribution of nalcin in the organism of experimental animals. p. 50.
- Shakarian, G. A., Navasardian, A. A. - Effect of monomycin on preventive properties of the serum. p. 56.
- Nalbandian, A. D., Khachikyan, R. E., Petian, E. O. - Antagonistic properties of actinomycetes isolated from semidesert soils of Armenia. p. 61.
- Gevondian, V. S. - Sulfhydryl group content in the liver of rabbits with fascioliasis. p. 69.
- Gambarian, Pavel. - Taxonomic analysis of the genus *Pinus* L. p. 75.
- Society for Conservation in Armenia. p. 85.

AKADEMIA NAUK KAZAKHSSKOI SSR, Alma-Ata. Izvestiia, Seriya biologicheskikh nauk [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin, Series in the Biological Sciences], Alma-Ata, vol. 3, no. 3, May-June 1965.

- Table of contents translated:
- Dzhangaliev, A. D., Tsener, G. G. - Distribution of wild fruit copices in the mountains of the Trans-Ili Alatau and Dzhungarian Alatau and the selection of plots for commercial gardens. p. 3.
- Akhanov, Zh. U. - Carbonate accumulation in the soils of the Chu Valley. p. 11.
- Voinova, T. N. - Effect of boron fertilizers on the yield and quality of sugar beets in Chuyskiy District of Dzhangul Province. p. 22.
- Medvedeva, R. G. - Anatomical study of *Lagochilus leucanthus* Fisch. et Mey. p. 26.
- Balabaeva, G. R. - Distribution and ecology of *Artemisia elina* Berg. p. 38.
- Sabatov, M. Kh., Zhumatov, Kh. Zh. - Reactivation of influenza virus from neutral complex with immune sera. p. 47.
- Nikitina, M. A. - Virological evaluation of externally healthy tomato plants. p. 54.
- Sekelov, G. Sh., Levina, A. A. - Effect of preceding crops on the rhizosphere microflora of potatoes. p. 58.
- Sidorov, E. G. - Natural foci of opisthorchosis. p. 66.
- Rakhmatulina, N. K. - Seasonal and age-related dynamics of the *Coccidium* infection of geese. p. 74.
- Bazanova, N. U., Nugmatzhanov, K. G. - Age-related dynamics of total and residual nitrogen in the abomasum of sheep. p. 80.

- Kozhikhmetova, A. I. U., Kozhikhmetov, N. K. - Some physiological and biochemical blood indices of mixed (Jersey-Alatau) and pure Alatau cows. p. 85.
- Kul'zhinov, Z. K. - Reflex influences from urinary tracts on the minute volume of blood flow from the coronary sinus. p. 90.
- Khalikov, F. Kh., Imushin, V. M. - Histological and histochemical changes in the intestines of leech following fat absorption. p. 97.
- AKADEMIA NAUK KAZAKHSSKOI SSR, Alma-Ata. Institut botaniki. Geobotan. Botanicheskii materialy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Botany. Herbarium - Botanical Materials]. Alma-Ata, no. 3, 1965.

AKADEMIA NAUK SSSR, Izvestiia, Seriya biologicheskikh nauk [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Biological Series], Moscow, no. 5, Sep. - Oct. 1965.

- Table of contents translated:
- Kas'lian, I. I., and others. - Some physiological reactions of the man in weightlessness. p. 63.
- Kretovich, V. L. - Most important problems of amino acid and amide biosynthesis in plants. p. 647.
- Iermashinski, N. D., Chernavskii, D. S. - Determinative link in the system of enzyme reactions. p. 666.
- Il'in, G. S. - Biosynthesis of tobacco alkaloids. p. 677.
- Mishustin, E. N., Mirzoeva, V. A. - Sporeforming bacteria in the soils of the Soviet Union. p. 682.
- Murzaev, P. M. - Sulfur production by bacteria. p. 692.
- Zavil'gel'skii, G. B., Kiyvskii, A. S., Ivannov, V. I. - Inactivating and mutagenic effect of ultraviolet rays on the extracellular bacteriophage. p. 700.
- Kanaukhov, I. U. I. - Mechanism of the biological fixation of molecular nitrogen. p. 714.
- Shvalov, V. N. - Modern ideas on the structure and nature of the neural apparatus of the metanephros. p. 731.
- Ilev, R. L. - Physiological indices of water requirements by fodder and sugar beets. p. 744.
- Kozubov, G. M. - Fluorescence-cytochemical method of studying nucleic acids in plants. p. 756.
- Konova, I. V., Lisenkova, L. L. - Biosynthesis of vitamins of the B₁₂ group by *Actinomyces olivaceus* on a synthetic medium. p. 760.
- Brekhtman, I. I., Maizanski, G. M. - Eleuthero-coccus as a means of increasing unspecific resistance of the organism. p. 762.
- Zavazhin, G. A., Stark, I. U. S. - Analysis of forbidden variants in the taxonomy of microorganisms. p. 766.
- Khakim, A., Bazilevich, S. D. - Nitrogen losses from mineral fertilizers induced by denitrifying bacteria in a monobacterial culture. p. 769.
- Tepper, E. Z., Kariagina, L. A. - Distribution of proactinomyces in turl-Podzolic and Chernozem soils. p. 772.
- Tersikh, V. V. - Duration of individual mitotic cycle phases in human amelon cells in vitro. p. 776.
- Kelzer, S. A., Zavalishina, O. A. - Effect of chronic gamma irradiation in small doses on the testicles of laboratory animals. p. 780.
- Mitrofanov, I. U. A. - Effect of culture density on the development of chromosome aberrations in the fibroblasts of mice under normal conditions and following X-ray irradiation with the dose of 35 r. p. 783.
- Mashanski, V. F., Tsvilenova, V. A. - Structure of the cuticle in some ixodid ticks. p. 787.
- Kocherzhevskii, V. G. - Present state and future development of scientific research in the field of cytology. p. 793.
- Ivannov, M. V., Mogilevskii, G. A., Slavnina, G. P. - Symposium on petroleum microbiology. Czechoslovakia, Brno, Oct. 4-9, 1964. p. 799.
- Mikhlin, E. D. - Chemicalization of the animal husbandry. p. 803.

AKADEMIA NAUK SSSR, Sibirskoe otdelenie, Izvestiia [ACADEMY OF SCIENCES OF THE U.S.S.R., Siberian Department, Bulletin], Novosibirsk, no. 8, 1965, Seriya biologicheskikh nauk [Series in the Biological and Medical Sciences], no. 2.

- Table of contents translated:
- Polozhii, A. V. - Role and methods of studying the history of flora. p. 3.
- Bardunov, L. V. - Basic characteristics of the moss flora of the Eastern Sayan Mountains. p. 10.
- Nemirovich-Danchenko, E. N. - Morphological and systematic study of some nectaries of the family Curculitaceae. p. 17.
- Doronina, I. U. A. - Flora and vegetation in the basin of the Uda River (Khabarovsk Territory). p. 23.
- Il'in, V. B. - Characteristics and distribution of boron in the districts of the Ob' - Irtysh interfluvium. p. 28.
- Zaikova, L. A., Mastova, I. A. - Group composition of phaeophytes in gray forest soils and leached Chernozems of the Ob' Plateau. p. 38.

- Klevenskaya, I. L. - Effect of the irrigation of chestnut soils of the Khatanga Steppe on the development of nitrogen-fixing microorganisms. p. 11.
- Napolekova, N. N. - Bacterial cellulose decomposition at various temperatures and in the case of different nitrogen sources. p. 49.
- Shestakov, I. P. - Restoration of forest flora in the Far North of Eurasia. p. 53.
- Ignat'eva, L. A. - Determining the productivity of the aerial part of grasses in a birch and aspen forest. p. 62.
- Oglevskii, V. V., Medvedeva, A. A. - Effect of the development of grass cover in the fallings of mixed redgrass type on the growth of pine. p. 69.
- Makhnev, A. K. - Burial blight in the Pyshma Valley forests of the wooded steppe trans-Ural region. p. 72.
- Nikolaeva, A. N. - Characteristics of the biology of the Siberian pine flowering in the Western Sayan Mountains. p. 76.
- Korovin, A. I. - Role of soil temperature in mineral nutrition of plants and in the effectiveness of fertilization. p. 81.
- Khasanova, M. R., Cheredeeva, V. S., Savoskikh, I. P. - Tetraploid forms of promising early varieties of sugar beets. p. 90.
- Sergeev, L. I., Daukayeva, R. S., Sakharov, N. S. - Effect of mineral fertilizers and topdressing on the physiology and productivity of black currant. p. 94.
- Polapov, A. A., Vladimirova, V. V. - Comparative testing of repellents against horseflies and black flies by olfactometry and with traps. p. 99.
- Klochkova, A. I. A. - Effect of photoperiodic conditions on the hematological indices in swine. p. 105.
- Zolova, M. I., Kyulov, G. V., Saratikov, A. S. - Rose root, a new stimulating and adaptogenic drug. p. 111.
- Saratikov, A. S., Marina, T. F., Kulko, I. M. - Stimulating effect of rose root on the higher sections of the brain. p. 120.
- Lapik, A. S., Izumov, E. G. - Pharmacological properties of individual glycosides in *Syringia alba*. p. 126.
- Belov, L. N., Tsel'arskiy, I. U. G. - Causes of selective fluorescence of mucins in acidine-orange stained sections following treatment with iron alum. p. 130.
- Naumenko, E. V., Popova, N. K. - Effect of hydrazine derivatives on the adrenal cortex function. p. 135.
- Mosolov, A. N., Ershov, F. I. - Cytophagy and phagocytosis; some considerations in the light of data obtained from studying tissue cultures. p. 139.
- Trunova, L. A., and others. - Morphology of Mycoplasma type micro-organisms, isolated from tissue cultures. p. 148.
- Bellaeva, E. S. - Experimental study of the formation of nucleolus in plant cells. p. 150.
- Surov, I. U. P. - Productivity of rose root in the north-eastern Altai Mountain region. p. 160.
- Zarubin, A. M. - New and rare plants in Davuriya. p. 161.
- Dul'biskaya, D. A. - Dynamics of phosphorus forms in the process of wheat seed germination at low soil temperature. p. 162.
- Kolomolets, N. G., Torskov, I. A. - Characteristics of the flight of the firefly *Lampyris noctiluca* L. (Coleoptera, Lampyridae) to the light of a quartz mercury lamp. p. 165.
- Dartichuk, Z. S. - Study of blackflies in the central Ob' Valley. p. 166.
- Naumenko, E. V., Nesterenko, L. N. - Function of the adrenal cortex and cholinesterase activity of the blood and brain under the influence of nivaline. p. 169.
- Nesterenko, L. N. - Bioelectric and anticholinesterase activity of the brain under the influence of prostigmine. p. 171.
- Krasnovikova, S. S. - Biological problems at the 7th International Congress of Anthropological and Ethnographical Sciences. p. 178.

AKADEMIA NAUK TURKMENSKOI SSR, Ashkhabad. Izvestiia, Seriya biologicheskikh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin, Series in the Biological Sciences], Ashkhabad, no. 1, 1965.

- Table of contents translated:
- Dement'ov, G. P. - General scientific principles of fauna protection. p. 3.
- Petrov, M. P., Gnevskaya, L. S. - Pasture-protecting belts in deserts and their significance for forestry. p. 7.
- Zhirnovikov, V. P. - Formation of some characters in cotton hybrids following direct and back crossing. p. 15.
- Trapeznikov, F. F. - Saline dynamics in soils and underground waters of the massif of ancient irrigation in the Murgab Delta. p. 20.
- Laymonko, N. K. - Leaching of talyrs and talyr-like soils by flow of surface waters in furrows. p. 29.

- Relimov, Ch. - Water balance of dark Sierozems in western Kopetdag. p. 37
- Atakhanov, O. - Relief of the valley of Amu Darya in its middle course. p. 44
- Mamedov, O. N., and others. - Effect of vitamins B₁₂ and B₆ on the growth and development of silkworm caterpillars. p. 50
- Gorelov, I. U. K. - Influence of anthropogenic factors on the distribution and abundance of ungulates in Badkhyz. p. 55
- Kisail'nikova, G. A. - Characteristics of the way of life and phenology of pyralid moths (Lepidoptera, Pyralidae). p. 61
- Zagniborodova, L. N., Bel'skaya, G. S. - Fleas of burrowing birds and their possible role in plague epizootiology of Turkmenia. p. 69
- Globodina, V. S. - Age-related and seasonal dynamics of *Coccidium* infection of chicks in Turkmenistan. p. 75
- Dzhumir, I. E. - Inheritance of the length of fiber in fine-fiber cotton hybrids. p. 79
- Abramova, S. N. - Guide for determining tulip species of Turkmenistan in the state of fruiting. p. 81
- Soboleva, L. E. - Method of tattooing for studying the surface growth in iris floral shoots. p. 84
- Eminov, A. - Nesting of great cormorant in Turkmenia. p. 88
- Annual meeting of the Academy of Sciences of the Turkmen S.S.R. p. 89
- Kogan, Sh. I., Kanoda, N. N. - First Congress of the All-Union Hydrobiological Society. p. 90
- Tashlov, A. O., Khusheva, E. A. - First State Conference of the Young Zoologists. p. 91
- Anastasia Nikitichna Smirnova. p. 95
- No. 4, 1965.
- Table of contents translated.
- Bel'skaya, N. S. - Some changes in the embryo sac and tissues of the cotton seed bud following fertilization. p. 3
- Polianskaya, L. A. - Dynamics of group B vitamins in cotton varieties with different ripening period. p. 11
- Seifullin, C. M. - Systematics of *Astragalus ammodendron* in Turkmenia. p. 17
- Karbabaev, B. B., Gladyshev, A. I. - Litter resources of Tajikistan. p. 24
- Kal'dzhaev, Sh. - Characteristics of virgin light Sierozems of the piedmont plateau of central Kopetdag. p. 32
- Velsov, K. - Sands of the right bank of the Amu Darya River (between Burdalyk and Charskaya). p. 38
- Tashlov, A. O., Sukhina, A. N., Bel'skaya, G. S. - Characteristics of the bird population in some districts of western Kopetdag. p. 45
- Babaev, Kh. - Distribution and abundance of bats in Turkmenia. p. 51
- Iovin, G. M. - Dormancy period in woody plants. p. 56
- Meshechiorakov, A. A. - Materials on morphology and biology of *Fannia leuconota* (Diptera, Muscidae). p. 60
- Khamidkhanov, S. A., Korotkova, E. E., Allatayev, Kh. - Some alkaloid-bearing plants of the Turkmen S.S.R. p. 62
- Ovezov, Kh. - Alkaloid accumulation dynamics and metabolism kinetics in *Delphinium elatum* L. p. 66
- Gubanov, V. N. - Effect of darkness and vitamins on rooting of cuttings of the remnant carnation *Dianthus Caryophyllus* L. p. 69
- Nunayev, A., Velsov, S. - Natural death of the black ankaul in the Kara Kum. p. 71
- Koshinov, M. - Biology of *Aibagi persarum* Boiss. of Buhse of the lake sands along the Kara Kum Canal. p. 76
- Toidzhanov, Kh. T. - Growth of active prune roots in the course of a year. p. 79
- Mikheev, O. A. - Vegetation of abandoned settlements. p. 81
- Ovezmuradova, E. S. - Change in the vascular permeability following momentary exposure to high temperature. p. 82
- Nazarmanov, O. - Results of pelzometric studies on open horizontal crannogs in the lower course of the Amu Darya Valley. p. 85
- Somenova, L. V. - Biology of termites of the genus *Anacanthotermes* (Isoptera, Hodotermitidae) in Turkmenia. p. 89
- Alfanzheva, O. V., Sapozhenkov, I. U. F. - Materials on the ixodid ticks (Parasitiformes, Ixodidae) of the hare *Lepus tolai* in Turkmenia. p. 91
- Mukhametov, K. K. - Alfalfa stalk pest *Mordolita pumila* Gyll. (Coleoptera, Mordolidae) in Turkmenia. p. 92
- Orlov, I. U. A., Gorelov, I. U. K. - Color forms of the Indian rat snake (*Ptyas mucosa* L.). p. 94
- Eminov, A. - Little egret in Turkmenia. p. 95
- Babaev, A. - Ninth All-Union Conference on Aerial Photography. p. 97
- ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII [ARCHIVES OF ANATOMY, HISTOLOGY, AND EMBRYOLOGY] Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 48, no. 8, Aug. 1965.
- Table of contents translated
- Nevikov, I. I. - Morphology of blood vessels of the bone marrow in some long tubular and flat bones of the skeleton under normal and experimental conditions. p. 3
- Oleneva, L. N. - Age-related characteristics of the intraosseous lymphatic bed of the rectum. p. 7
- Ozhigova, A. P. - Quantitative characteristics of the myeloid chitotronics of area 17 of the cerebral cortex in primates. p. 13
- Aitikhina, N. I. - Structural characteristics of the synapses of the motor area of the cortex in rats. p. 21
- Arutunova, A. S., Binkov, S. M., Putailo, M. V. - Density of capillary network in the formations of the dog brain. p. 28
- Bestugina, A. A. - Some histological and histochemical characteristics of the receptors of the cerebral arteries. p. 34
- Makover, M. V. - Cytochemical and cytological study of the hepatic cells in human embryo. p. 38
- Zelova, N. I. - Effect of the disturbances of the integrity of the optic thalamus on the arterial collateral blood supply to the stomach. p. 45
- Govindovskii, V. I., Kharkovich, T. A. - Histochemical and electron microscopic study of the development of photoreceptive cells in a tissue culture. p. 60
- Kovalenkova, M. V. - Heterochronic development of nuclear formations of the striate body and optic thalamus of the brain in chick embryogenesis. p. 66
- Triumfild, A. I. U. - Some characteristics of regeneration processes in the adrenal cortex. p. 69
- Sarkisova, O. I. - Microanatomy of the intermuscular plexus of the duodenum in cats. p. 68
- Pedrov, V. V., Nasedov, G. A. - "Transitional" fibers in the skeletal musculature of a frog. p. 72
- Peterson, E. N. - Changes in the skeleton of upper extremities of a marksman. p. 77
- Laginskaya, A. M. - Effect of strontium-90 on the development of bones in rat generations. p. 81
- Gusak, P. P. - Reparative regeneration of the sublingual salivary gland. p. 85
- Neveryova, L. G. - Microscopic analysis of injuries of the extremities in mouse embryos following irradiation at the critical period of the development. p. 83
- Konukhov, B. V., Osipov, V. V., Vakhusheva, M. P. - Injury of neural crest derivatives in mice of Microphthalmia and White mutant lines. p. 100
- Kutakh, G. I., Shubin, M. G. - Method of preserving metachromasia in permanent preparations. p. 108
- Tabin, V. I. - Device for measuring the curvature of joint surfaces. p. 109
- Spirov, M. S. - Ten years of the activity of the Kiev Branch of the All-Union Scientific Society of Anatomy, Histology and Embryology, 1953-1963. p. 115
- Sapin, M. R. - Dissertations in anatomy, histology, and embryology, approved by the Higher Academic Courses in 1963. p. 117
- BIOLOGIJA V SHKOLE [BIOLOGY IN SCHOOLS]. Organ of Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R.S.F.S.R.], Moscow, no. 5, Sep. - Oct. 1965.
- ESTONIAN TEADUSTE AKADEEMIA. Tolmotsed. Bioloogilise seeria. Izvestia Akademii nauk Estonii SSR. Seria biologicheskaja [ACADEMY OF SCIENCES OF THE ESTONIAN S.S.R. Bulletin. Biological Series]. Tallin, vol. 14, no. 3, 1965.
- *ENTOMOLOGICHESKOE OBOZRENIJE [ENTOMOLOGICAL REVIEW]. Issued by Vsesoyuznoe entomologicheskoe obshchestvo [All-Union Entomological Society]. Leningrad, vol. 44, no. 3, 1965.
- Table of contents translated:
- Evgenii Nikanovich Pavlovskii, 1884-1965. p. 473
- Rashteyn, A. P. - Some aspects of interrelationship between morphogenesis and growth in the evolution of ontogeny of insects. p. 476
- Stepanova, L. A. - Phenology of vegetable pests in the Leningrad region and its prognosis. p. 480
- Karpova, A. I. - Species and population dynamics of injurious insects in seedless corn fields. p. 495
- Pritykina, L. N. - Materials on morphological and ecological classification of the larvae of dragonflies (Odonata). p. 503
- Chumakova, B. M. - Role of the parasite *Aspidiotaphus citrinus* (Crawf.) (Hymenoptera, Aphelinidae) in lowering the population of injurious scale insects in the subtropical regions of the R.S.F.S.R. p. 520
- Vinogradova, E. B. - Experimental study of factors regulating the occurrence of embryonic diapause in *Aedes togi* Theob. (Diptera, Culicidae). p. 527
- Gelsalts, K. F. - Photoperiod and temperature reactions determining the seasonal development of *Dendrolimus pini* L. and *Dendrolimus sibiricus* Tschely (Lepidoptera, Lasiocampidae). p. 538
- Kind, T. V. - Neurosecretion and voltinism in the tussock moth *Orygia antiqua* L. (Lepidoptera, Lymantriidae). p. 554
- Lobachev, M. E. - Simultaneous action of acoustic and tactile stimuli on the locomotive and flying activity of the honeybee *Apis mellifera* (Hymenoptera, Apidae). p. 557
- Istomina-Tsvetkova, K. P. - Functions of intercommunication in the honeybee *Apis mellifera* L. (Hymenoptera, Apidae). p. 583
- Popov, A. V. - Life cycle of house flies *Lipoptena cervi* L. and *Stenoporex bitundata* L. (Diptera, Hippoboscidae). p. 573
- Grunin, K. I. A. - Biology of the new genus of flies *Mixomixura* Hendel (Diptera, Cecidomyiidae) in the U.S.S.R. p. 584
- Sollakov, M. V. - Species and ecologic groups of Orthoptera of the Badkhyz region in Turkmenia. p. 588
- Iulta, A. S. - Ecologic characteristics of the distribution of horseflies (Diptera, Tabanidae) in Uzbekistan. p. 595
- Trofimov, G. K. - Brief review of the fauna of synanthropic flies of the families Muscidae, Calliphoridae and Sarcophagidae (Diptera) of the Talysh Mountains. p. 605
- Nazarkulov, M. N. - Addition to G. Kh. Shaposhnikov's article "Plant lice infesting cherry plum and cherry." p. 613
- Kozlov, M. A. - Materials on parasitic hymenoptera of the subfamilies Telenosinae and Telenominae (Hymenoptera, Scolytidae) in the U.S.S.R. p. 616
- Ponomarenko, N. G. - New parasitic hymenoptera of the subfamily Gonatopodinae (Hymenoptera, Dryinidae) in the U.S.S.R. p. 622
- Zerova, M. D. - Species of the genus *Tetraneura* Wik. (Hymenoptera, Eurytomidae) damaging *Stipa*, *Bromus*, *Zerna* in the Ukrainian S.S.R. p. 632
- Rubtsov, I. A. - Addition to the fauna of black flies (Diptera, Simuliidae) of the paleartic region. p. 649
- Krivoshelina, N. P. - New data on the systematics of dendrophilous and flies (Diptera, Stratiomyidae) and their larvae. p. 652
- Kandybina, M. N. - Larvae of fruit flies of the genus *Calponomyia* A. Costa (Diptera, Tryptidae). p. 665
- Tanaishtchuk, V. N. - A new species of the night fly *Leucophaea* (Diptera, Chamaemyiidae) from Voronezh Province. p. 673
- Rodendorf, B. B. - Composition of the tribe Sarcophagini (Diptera, Sarcophagidae) of Eurasia. p. 676
- Tyshchenko, V. P. - New genus and new species of spiders (Araneae) from Kazakhstan. p. 698
- Krivolutskii, D. A. - New species of oribatid mites (Acariformes, Oribatei) from the fauna zone of the U.S.S.R. p. 705
- Brigetova, N. G. - Generic groups of rhinonyssid mites (Mesostigmata, Rhinonyssidae) parasitizing on birds. Report No. 1. New genus *Stenonyssus* - moides. p. 709
- Bel-Belinskii, G. I. A. - Sixty five years in the service of entomology; in memory of J. A. G. Rehn. p. 714
- *FIZIOLOGICHESKII ZHURNAL SSSR [PHYSIOLOGICAL JOURNAL OF THE U.S.S.R.]. Issued by Vsesoyuznoe fiziologicheskoe obshchestvo [All-Union Physiological Society]. Moscow, vol. 50, no. 12, Dec. 1964.
- Table of contents translated:
- Cherov, V. A. - Functional interaction between the neocortical and globus pallidus. p. 1409
- Dykman, L. M. - Electrophysiological characteristics of reactions of the limbic system to afferent stimuli. p. 1415
- Lavashov, M. M. - Nystagmographic analysis of the fast component of vestibular nystagmus evoked by radiant acceleration. p. 1424
- Do-ong-Hoon, Sytinskii, I. A. - Effect of gamma-aminobutyric acid and picrotoxin on Sechenov's inhibition. p. 1434
- Boenko, I. D., Sorokina, V. E. - Comparative characteristics of some functional changes in singing and speaking types of inspiration in singers. p. 1437
- Makernin, G. I. A. - Electrogram of the lymph heart and bioelectric of the 11th spinal nerve in reflex inhibition. p. 1444
- Sorduchenko, I. A. - Asymmetry of tonic effects of the vagus nerves on the heart. p. 1450
- Uzbekov, V. V. - Reflex influences from genital receptors on mammary function. p. 1455
- Gorshkova, S. M., Orlova, S. E. - Neurohumoral regulation of the motor function of the gallbladder. p. 1465
- Ivanov, K. P. - Physiological mechanisms of thermoregulation and their characteristics in hypoxia. p. 1476
- Zaks, M. G., Krestinskaya, T. V., Sokolova, M. M. - Effect of an antidiuretic hormone in hypotension in rats. p. 1489

- Kochetov, A. K., Popkov, V. L., Chernyak, I. N. - Apparatus for controlled respiration in intact animals. p. 1496.
- Soldatenkov, P. F., Emel'nikov, A. M. - Metabolism of sugar, volatile fatty acids and acetone bodies in the wall of the alimentary tract in sheep on an empty stomach and after feeding glucose solution. p. 1481.
- Amurov, R. Z. - Electrocardiostopography with simultaneous vectorcardiography. p. 1500.
- Klyusov, D. G. - Time factor and other conditions in nerve and muscle stimulation in the works of I. M. Sechenov and other Russian researchers of 19th century. p. 1507.
- Georgii Nikolaevich Sorokhin, on his birthday. p. 1512.

Vol. 51, no. 9, Sep. 1965.

- Table of contents translated.
- Vartanian, I. A., Maruseva, A. M. - Electrical responses of the cochlea in rats under the effect of short sound signals (clicks). p. 1037.
- Osterenko, I. U. N. - Changes in the blood supply and temperature of the brain following stimulation of the cerebral dura mater and removal of a segment of cerebral tissue. p. 1043.
- Chorazan, O. G. - Correlation of the basic and evoked impulse activities of the neurons of the tectum mesencephali in frogs. p. 1050.
- Sazonov, S. I. A. - Effect of hypoxemia and hypercapnia on the intracranial pressure and the tone of intracranial vessels. p. 1057.
- Linetikhi, M. L. - Reflex effect of the heart in rabbits following the section of cervical sympathetic nerves. p. 1066.
- Rozenshteyn, L. V., Rakova, A. V. - Microelectrode study on an acoustical model of cardiac fibrillation. p. 1070.
- Shamarina, N. M. - Characteristics of synaptic transmission in various fibers of the tonic skeletal musculature in frogs. p. 1080.
- Bursian, A. V. - Changes in the motor activity in chick embryos at an early stage of development under the effect of monochromatic light. p. 1090.
- Grishko, F. L., Parkhotik, I. I. - Course of oxidative processes in a denervated muscle in senescence. p. 1094.
- Granat, L. N., Moskalenko, I. U. E. - Changes in the hemodynamics in the female breast under the effect of heat and cold stimulation. p. 1100.
- Seleznev, S. A. - Quantitative evaluation of the hepatic blood flow in vivisection. p. 1108.
- Smirnov, I. K. - Absorptive and concentrative functions of the gallbladder in healthy dogs. p. 1111.
- Pines, I. U. L. - Adaptation of renal receptors, according to data of electrophysiological research. p. 1116.
- Khodurovskii, G. I. - Effect of the removal of the lateral sympathetic trunks on the structure and function of the testes and prostate. p. 1123.
- Bundzen, P. V., and others. - Methodology of photic stimulation with a feedback for studying the functional state of the central nervous system. p. 1128.
- Il'ichev, V. D. - Stand for encephalographic research on small birds. p. 1131.
- Pogrebkov, A. V. - Chamber with an automatic device for dosage and noiseless inflow of gas mixtures. p. 1133.
- Merkulov, V. L. - I. P. Pavlov's correlations with scientists and social workers of Japan (1903-1935). p. 1143.

FIZIOLOGICHNYI ZHURNAL [PHYSIOLOGICAL JOURNAL]. Issued by Institut fiziologii Akademii nauk USSR [Institute of Physiology of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 10, no. 3, May-June 1964.

- Table of contents translated:
- Makarchenko, O. F. - Results of and prospects for the development of human and animal physiology in the Ukraine. p. 287.
- Shkabar, E. A., Rubashov, I. U. S. - Universal device for feeding physiological characteristics into an electronic computer. p. 301.
- Iarovyts'kiy, M. V. - Algorithm of the analysis of the impulse activity of central neurons by means of electronic computers. p. 308.
- Soloduk, N. F., Krasnov'skiy, M. S. - Data on the problem of typological characteristics of the nervous system in dogs of various breeds. p. 314.
- Valueva, T. K., Zlatin, R. S., Raitrub, B. A. - Effect of ACTH on higher nervous activity in dogs and the interaction of blood proteins and ascorbic acid. p. 322.
- Sykhariulidze, O. I. - Effect of stelazine on higher nervous activity in dogs. p. 329.
- Vasylyevskiy, V. S. - Participation of the cerebellum in the regulation of intestinal absorption. p. 334.
- Hurevych, M. I., Kozachuk, I. U. S., Povzhytkov, M. M. - Some functional and morphological changes in experimental disorders of the coronary circulation. p. 342.

- Il'ichev, M. V. - Changes in the interoceptive reflexes in disorders of the coronary circulation. p. 351.
- Vol'kovich, V. L. - Some problems concerning the acclimatization of the organism to chronic oxygen starvation. p. 360.
- Snyk, M. M. - Effect of thyrotoxicosis on the resistance of erythrocytes to hemolysis. p. 367.
- Makarchenko, A. F., and others. - Clinicophysiological characteristics of diencephalic pathology. p. 371.
- Revuts'kiy, I. F., Eldel'man, F. M. - Effect of 1 centimeter and 1 meter electromagnetic waves on the content of biologically active substances in human blood. p. 379.
- Izabot, V. A. - Necessity and chance in the living nature. p. 384.
- Fembinovets'kiy, O. F. - Variability of monopolar primary evoked potentials recorded from the surface of the auditory zone of the cerebral cortex in cats under anesthesia. p. 390.
- Semenchuk, I. F. O. - Origin of the positive component of an evoked potential in the tectum opticum in frogs. p. 392.
- Oleshko, M. M. - Spontaneous motor activity in cats, it recording and changes following destruction of the nuclei caudati. p. 394.
- Il'fashovych, F. S. - Alkaline reserve in the blood following intravenous introduction of sodium lactate solution into dogs after acute extensive hemorrhage. p. 396.
- Shimushko, R. I. A. - Effect of intravenous introduction of 10% sodium lactate on some blood coagulation indices in dogs. p. 400.
- Atemenko, D. P., Shubay, M. G. - Methodology for studying the electric properties of nerve and muscle fibers by means of surface extracellular electrodes. p. 403.
- Nikytchenko, V. F., Piatygor'skiy, B. I. A., Sorokina, Z. O. - Electrometric amplifier in using high-ohm glass microelectrodes. p. 407.
- Koburnik, A. P. - Validation of the methodology of inserting electrodes in acute and chronic experiments. p. 410.
- Filimonov, V. I. - Photostimulator for electroencephalographic studies. p. 411.
- Kopteva, I. E. H. - Methodology for the determination of low hydrogen sulfide concentrations in tissue fluids. p. 414.
- Svichynin, M. M. - Elbrus expedition of 1963 of the Physiological Institute at the A. A. Bohomolets' Academy of Sciences of the Ukraine S.S.R. p. 416.
- Andrii Ivanovich Il'mchenko, an obituary. p. 426.

ISSLEDOVANIYA FAUNY MOREI [EXPLORATIONS OF THE FAUNA OF THE SEAS]. Issued by Zoologicheskii Institut Akademii nauk SSSR [Zoological Institute of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 3(11), 1965.

- Table of contents translated
- Gol'kov, A. N., Skarlatov, O. A. - Hydrobiological exploration of Pos'yel Bay with diving equipment. p. 5.
- Brodskiy, K. A. - Variability and systematics of the species of the genus Calanus (Copepoda). Report No. 1. Calanus pacificus Brodsky, 1948 and C. sinicus Brodsky, sp. n. p. 22.
- Androsova, E. I. - Bryozoans of the orders Cyclostomata and Ctenostomata in the northern part of the Sea of Japan. p. 72.
- Kusakin, O. G. - Desmosomatidae (Crustacea, Isopoda) of the Far Eastern seas of the U.S.S.R. p. 115.
- Ushakov, P. V. - Free-swimming Polychaeta of the Yellow Sea. p. 145.

YUNYI NATURALIST [YOUNG NATURALIST]. Issued by Tsentral'nyi komitet Vsesoyuznogo leninskogo kommunisticheskogo soyuza molodezhi and Tsentral'nyi sovet Vsesoyuznol' pionserskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, no. 10, 1965.

- MATERIALY K POZNANIYU FAUNY I FLORY SSSR. Otdel zoologicheskii [CONTRIBUTIONS TO THE KNOWLEDGE OF THE FAUNA AND FLORA OF THE U.S.S.R. Zoological Section]. Issued by Moskovskoe obshchestvo ispytatelei prirody [Moscow Naturalists' Society]. Moscow, no. 40(55), 1965. Materialy po gryz'nunam [Materials on rodents], no. 7. Fauna i ekologiya gryz'nunov [Fauna and ecology of rodents].
- Table of contents translated:
- Kucheruk, V. V. - Palaeogenesis of natural plague foci as related to the history of rodents. p. 5.
- Kalot'skaya, M. L. - Biology of the water rat in Rybinsk Reservoir. p. 87.
- Dubrovskiy, I. U. A. - Subterranean vole Ellobius talpinus Pall. of the Issyk-Kul' Depression and the effect of its activity on the vegetation and soil. p. 121.
- Darskaya, N. F., Driukhanova, L. V. - Observations on puslik fleas Ceratophyllus tesquorum and Neopsylla setosa during hibernation of their hosts. p. 145.

Shekhanov, M. V. - Index of Soviet literature on rodents, published in 1957-1959. p. 177.

MOSCOW, GLAVNYI BOTANICHESKII SAD [Botanical Garden]. Bulletin. No. 57, 1965.

- Table of contents translated
- Gurshil, A. V. - Study of the assimilating organs of plants. p. 3.
- Borodina, H. A. - Methodology of phenological observations of plants of the Pinaceae family. p. 11.
- Shaitan, I. M. - Introduction and acclimatization of foreign forms of peaches. p. 19.
- Shukko, N. V., Matlinovich, B. S. - European beech in White Russia. p. 24.
- Kichenko, V. I. - Introduction of Dioscorea in the Moscow region. p. 26.
- Kotukhov, I. U. A. - Ornamental forms of the Rudovy Altai introduced in the Altai Botanical Garden. p. 36.
- Rakhtenko, I. N., Kochanovskiy, S. B. - Improving the growth conditions of woody plants in street plantings. p. 44.
- Fomin, F. M. - Effect of additional lighting on some ornamental greenhouse plants. p. 49.
- Sutulov, A. N. - Role of oxidation in the senescence and death of seeds. p. 53.
- Flov, A. I. - Reduced growth of axial organs in wheat crops. p. 61.
- Vozilov, V. F., Rodionova, N. A., Mikhiteleva, L. A. - Effect of gibberellic acid on cauliflower. p. 66.
- Folova, G. D. - Germination of the pollen of Robinia pseudoacacia, Robinia neomexicana and Caragana arborea. p. 69.
- Kosykh, V. M. - Contribution to the study of wild Hawthorns of the Crimea. p. 77.
- Bediakovskiy, N. P., Karakis, K. D. - Accumulation of nutrients in the soil under some types of forest stands. p. 82.
- Glazulina, A. N. - New Chinese species of Zerkova in the NIBIA Botanical Garden. p. 90.
- Iakimova, T. V. - Effect of stratification on the germination of subtropical plant seeds. p. 94.
- Gavrilova, L. V. - Biogenic stimulants and the productivity of sugar beets. p. 98.
- Bur'dkina-Shekhin, L. A. - Geographical factors and alkaloid content in the seeds of Datura innoxia Mill. p. 101.
- Rusanov, F. N. - Ficus kishinae DC in the greenhouses of the botanical gardens of the U.S.S.R. p. 104.
- Beloshtudova, L. F. - Blooming of Fuchsia in Kazakhstan. p. 104.
- Golovkin, B. N. - Botanical gardens of Iceland. p. 107.

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Bulletin. Otdel biologicheskii [MOSCOW NATURALISTS' SOCIETY. Bulletin. Biological Section]. Moscow, new series, vol. 70, no. 4, July-Aug. 1965.

- Table of contents translated
- Asturov, B. L. - Centennial of Gregor Mendel's "Experiments with plant hybrids." p. 4.
- Timofeev-Resovskiy, N. V. - Mendel. p. 14.
- Gaisinovich, A. E. - First account of G. Mendel's work in Russia by I. F. Shmal'gauzen. p. 22.
- Asturov, B. L. - Two landmarks in the development of genetic concepts. p. 25.
- Chetverikov, S. S. - Some moments of the evolutionary process from the point of view of modern genetics. p. 33.
- Kol'tsov, N. K. - Hereditary molecules. p. 75.
- Skripchinskii, V. V. - Difference of opinion between I. V. Michurin and T. D. Lysenko on some basic problems of genetics. p. 106.
- Rapoport, I. A., Filippova, L. M. - Differentiation of the mutagenic action of preparations synthesized for chemotherapy. p. 117.
- Shkvanikov, P. K. - Significance of artificially induced mutations for field crop breeding. p. 130.
- Tinakov, G. G. - Maps of chromosomes of the salivary gland in Dirosophia funebris. p. 141.
- Sal'nikova, T. V., Zoz, N. N. - Leaf spots in hexaploid wheat induced by chemical mutagens. p. 145.
- Gostimskii, S. A., Khvostova, V. V. - Effect of chemical mutagens on two pea varieties. p. 146.

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Trudy [MOSCOW NATURALISTS' SOCIETY. Transactions]. Moscow, vol. 18, 1965. Typen of karst in the U.S.S.R.

- Table of contents translated
- Gvozdet'skiy, N. A. - Typology and classification of karst in the U.S.S.R. p. 5.
- Chikishev, A. G. - Types of karst in the East European Plain. p. 12.
- Mil'kov, F. N. - Marl and chalk karst of the Central Russian Upland. p. 22.
- Stupishin, A. V. - Karst of the Volga Valley. p. 27.
- Maksimovich, G. A., Gorbunova, K. A. - Types of karst in the Urals. p. 33.
- Ivanov, B. N., Il'ina, S. M. - Open (denuded) karst in the Crimean Mountains. p. 42.
- Gvozdet'skiy, N. A. - Types of karst in the Northern Caucasus. p. 47.
- Kuznetsov, I. U. A. - Ustyurt as an example of a karst region in the desert. p. 50.

- Gol'ts, S. I., Epifanov, M. I. - Karst troughs of the central and eastern Ustyut. p. 62.
- Korzhuev, S. S. - Karst of Yakutia. p. 67.
- Lukin, V. S. - Types of karst and the interrelationship between the development of karst and the formation of cover sediments. p. 73.
- Blagovostin, N. S. - Characteristics of the development of karst in southwestern Yakutia. p. 79.
- Osekin, I. M. - Karst of Timbaktu. p. 84.
- Sokolov, D. S. - Karst and hydraulic engineering construction. p. 91.
- Rodionov, N. V. - Study of karst in the mass construction of small reservoirs. p. 94.
- Bushinskii, G. I. - Karst containing bruxite-bearing sediments. p. 99.
- Tatarkin, K. A. - Karst caves of the middle Dniester Valley. p. 106.
- Dudlanskii, V. N. - New karst channel in the Karabai-Yayle of the Crimea. p. 122.
- Chikishev, A. G. - Kulgoiskiy gypsum cave. p. 126.
- MUSU GAMTA [OUR NATURE]** Issued by Lietuvos gamtos apsaugos draugija [Lithuanian Society for Conservation] and others. Vilnius, no. 4(205), Aug. 1965. [In Lithuanian]
- PROBLEMY KOSMICHESKOI BIOLOGII [PROBLEMS OF SPACE BIOLOGY]** Issued by Otdeleniye biologicheskikh nauk Akademii nauk SSSR [Department of Biological Sciences of the Academy of Sciences of the U.S.S.R.], Moscow, vol. 4, 1965.
- Table of contents translated
- Gurovskii, N. N., and others. - Training apparatus for preparing astronauts for their professional activity of controlling a space vehicle and its systems. p. 3.
- Gurovskii, N. N., Emet'yanov, M. D., Karpov, E. A. - Basic principles of special training for astronauts. p. 10.
- Gorbov, F. D., Novikov, M. A. - Experimental psychology study of a group of astronauts. p. 17.
- Georgievskii, V. S., and others. - Effect of eight-hour isolation and hypokinesia on some physiological and biochemical indices in man. p. 27.
- Agadzhanian, N. A., and others. - Effect on the human organism of a prolonged stay in a closed chamber of small size. p. 31.
- Mitrokhov, G. P. - Reactions of the human organism to the action of landing stresses coming from various directions. p. 44.
- Ilganov, E. M. - Characteristics of the functions and interaction of otolithic and vestibular apparatus of the vestibular analyzer in man under changed weight conditions. p. 54.
- Taidov, V. M., Ustiushin, B. V., Olov, S. F. - Resistance of man to the action of short angular accelerations of great magnitudes. p. 70.
- Kozlov, V. V., and others. - Change in some physiological indices of man subjected to carbon monoxide in low concentrations. p. 75.
- Skatsinskaya, E. N. - Effect of acclimatization under the conditions of high altitudes on the human resistance to hypoxia. p. 80.
- Nevskaya, A. A. - Study of the output capacity of the visual system in man. p. 87.
- Krylov, I. V. - Characteristics of the auditory sensitivity under conditions of continuous and prolonged action of noise of medium intensity on man. p. 102.
- Abakumova, I. A., and others. - Some data on a group of animals in a closed ecologic system. p. 107.
- Siksonov, P. P., and others. - Prospects for pharmacological protection against radiation injury in space flights. p. 119.
- Volynkin, I. U. M., and others. - Biological evaluation of radiation conditions on route from the earth to the moon. p. 127.
- Iarmonenko, S. P., Konoplyankov, A. G. - Radiation protection as related to the problem of the relative biological effectiveness of rare ionizing radiations. p. 130.
- Levashev, V. V. - New aspects of personal hygiene. p. 163.
- Shepelev, E. I. A. - Some problems of the ecology of man in closed systems involving a metabolic cycle. p. 169.
- Popov, I. G., and others. - Study of the hygienic aspects of space clothes used in small cabins under comfortable microclimatic conditions. p. 180.
- Stvin, B. M. - Theoretical foundation of the microatmosphere in planetary spaceflight cabins and possibilities for using helium-oxygen mixtures for this purpose. p. 188.
- Chelidonskii, N. A. - Cybernetics and space biology. p. 199.
- Egorov, A. D. - Addition of some concepts of information theory of the analysis of physiological data obtained during space flight. p. 206.
- Kostikova, V. I. A., and others. - Possibility for using electronic logic circuits for automatic medical control. p. 217.
- Voskresenskii, A. D., and others. - Some physiological data for the evaluation of the state and efficiency of astronauts in orbital flights. p. 227.
- Izdovskii, V. I., and others. - Some results of medical and biological studies conducted during training and flight of the astronaut A. G. Nikolayev, P. R. Popovich and V. F. Bykovskii. p. 237.
- Antipov, V. V., and others. - Results of biological tests during the flight on "Vostok" ships with the participation of the astronaut A. G. Nikolayev, P. R. Popovich and V. F. Bykovskii. p. 249.
- Zhukov-Verezhnikov, N. N., and others. - Summary of microbiological and cytochemical studies on "Vostok" spaceships. p. 261.
- Kas'ian, I. I., Kopanov, V. I., Izdovskii, V. I. - Reactions of astronauts in weightlessness. p. 270.
- Aloksseva, O. G. - Some factors of natural immunity and microbial flora of astronauts during training and after the flight on spaceships "Vostok", "Vostok 2", "Vostok 3", and "Vostok 4". p. 280.
- Delone, N. L. - Use of higher plants as indicators in studying the effect of the factors of space flights on the living cell. p. 304.
- Bogina, I. D., and others. - Effect of partial limitation of motor activity of basic physiological processes in monkeys. p. 306.
- Novorov, V. P. - Effect of prolonged optokinetic stimulation on the organism. p. 316.
- Kolovskaya, A. R. - Effect of transverse stresses on the organism of female monkeys. p. 322.
- Kotovskaya, A. R., and others. - Effect of prolonged hypokinesia on the human resistance to stresses. p. 333.
- Vartbaranov, R. A. - Effect of small-rate Coriolis acceleration on the functional state of the human heart. p. 343.
- Barer, A. S., Zubavin, V. B. - Nature of electroencephalogram and the work capacity of a man under the influence of accelerations acting along the "back-chest" axis. p. 349.
- Mansurov, A. R., Markailan, S. S. - Effect of rotations on the human organism at various angles of body inclination. p. 361.
- Romunov, S. N., Romanova, R. A., Monastyrshina, Z. I. - Nature of the biological effect of vibration. p. 397.
- Arsen'eva, M. A., Belkova, L. A., Golovkina, A. V. - Effect of the combined action of accelerations, vibration and radiation on cell nuclei of the bone marrow in mice. p. 373.
- Korshchik, A. I. - Adaptation reorganization in the mouse organism during and after the action of increased concentrations of carbon dioxide. p. 391.
- Shashkov, V. S., Morozov, V. S. - Injuring effect of 680 and 120 Mev. protons and the effectiveness of pharmacological protection. p. 401.
- Razgovorov, B. L., and others. - Effect of screening of separate parts of the animal body on the change in radiation reaction following action of gamma rays and high-energy protons. p. 411.
- Galdamakin, N. A., and others. - Morphological changes in the hemopoietic organs of mice following irradiation with high-energy protons. p. 430.
- Gasteva, S. V., Ivanov, K. P., Chetverikov, E. A. - Resistance of rats to an acute oxygen deficiency following radiation sickness. p. 437.
- Zhukov-Verezhnikov, N. N., and others. - New ways of studying chemical protection against genetic changes. p. 445.
- Barsukov, V. S., Malinovsky, O. V., Mitushova, N. M. - Significance of the process of postadaption regeneration of genetic structures for the radio-sensitivity of cells. Report No. 1. p. 451.
- Barsukov, V. S., Malinovsky, O. V., Mitushova, N. M. - Significance of the process of postadaption regeneration of genetic structures for the radio-sensitivity of cells. Report No. 2. p. 461.
- Shaldarov, I. U. I. - Removal of the injurious effect of β -radiation on field crop seeds with the help of physiologically active compounds. p. 469.
- Shukhov, A. A., and others. - Ultraviolet radiation of plants as a problem of space phytophysiology. p. 474.
- Broslov, I. S. - Active selection of gas media with varying oxygen content by animals under normal conditions and following the effect of hyperoxic atmosphere. p. 487.
- Broslov, I. S., Shmelova, A. M. - Effect of increased partial oxygen pressure on the morphological composition of the peripheral blood in animals. p. 492.
- Konstantinov, V. A. - Various forms of hypoxia and the adaptation to them. Report No. 1. p. 502.
- Konstantinov, V. A. - Various forms of hypoxia and the adaptation to them. Report No. 2. p. 512.
- Zhironkin, A. G., and others. - Effect of prolonged sojourn of animals in oxygen-enriched air on some physiological functions. p. 518.
- Mikhailov, V. I. - Ammonia as one of the components of the air enclosed space. p. 531.
- Pestov, I. D. - Excitation of the vomiting center in motion sickness. p. 535.
- Gazenko, O. G., and others. - Elementary model of the vestibular apparatus. p. 543.
- Logunov, I. U. N., Alukhin, I. U. S. - Semiconductor unit for cooling small animals. p. 555.
- Kuz'min, I. U. I. - Electric method of recording the movements of the tongue in articulating consonants. p. 560.
- Mal'strakh, G. V., and others. - Automatic unit for developing reversible and controllable hypothermia for possible use in space flight. p. 573.
- Nozdachev, A. D. - Methods of recording action currents in the vegetative nerves in a cat on an experiment. p. 581.
- Klimovitskii, V. I. A., Nikolaev, V. F. - Methods of recording venous outflow in the animal brain vessels under the conditions of acceleration. p. 587.
- Il'inskiy, G. N. - Methods of controllable hypothermia for studying the course and aftereffects of cooling the body. p. 593.
- Reiberg, M. S., and others. - Transformation of human excretions with the help of a natural algal-bacterial community. p. 598.
- Kozhevnikov, V. A., Chistovich, L. A. - Some possibilities for physiological studies of speech processes as related to the problems of seeing communication between human speech and the machine. p. 605.
- Shupitakov, V. S. - Some methods of recording and elaboration of information in studying articulation indices of speech. p. 614.
- Ailakinskii, V. V. - Role of visible articulation in speech recognition. p. 619.
- Rokolova, M. A. - Ways of the formulation by man of the consecutiveness of actions. p. 631.
- Ivanov, D. I., and others. - Automatic analysis of diurnal periodic changes in the human electroencephalogram. p. 642.
- Antsyshkina, L. M., and others. - Keeping fish in hermetic aquariums with Chlorella and without it. p. 646.
- Ivanov, E. A. - A variant of the determination of maximum photosynthesis in Chlorella. p. 655.
- Rozhdensvskii, V. I., Chuchikhin, V. G. - Apparatus for automatic control and regulation of physiological processes in plants in closed systems. p. 658.
- TSvetkova, I. V., Shaldarov, I. U. I., Abramova, V. M. - Characteristics of the nutrition of plants grown in an air culture for a closed system. p. 670.
- Meleshko, G. I., Krasotchenko, L. M. - Conditions for the carbon nutrition of Chlorella in an intensive culture. p. 676.
- Terskov, I. A., and others. - Dense continuous cultivation of Chlorella in varying illumination. p. 683.
- Lebedeva, E. K., Meleshko, G. I., Shukhova, A. N. - Mineral nutrition requirements by Chlorella cells in an intensive culture. p. 687.
- Glod, G. D. - Changes in the indices of hematocrit and gas composition of the arterial blood in white rats in artificial hypothermia. p. 691.
- Morozov, V. S., and others. - Modeling radiation conditions during solar flares on the trajectory of the flight around the moon. p. 701.
- *RADIOBIOLOGIA [RADIOBIOLOGY]** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 5, no. 4, 1965.
- Table of contents translated:
- Dubinin, N. P., - Centennial of G. Mendel's discovery. p. 489.
- Ivanuk, B. P., and others. - Effect of small ionizing radiation doses on some phases of the deoxyribonucleoprotein structure. p. 491.
- Kutinskiy, V. I., Semenov, L. F. - Catecholamine content in the tissues of marmoset monkeys during early phases of whole-body γ -irradiation. p. 494.
- Fedorova, A. V. - Acetylcholine content and cholinesterase activity in the blood of rats subjected to Sr^{90} . p. 501.
- Kalmykov, P. G. - Change in oxidative processes in insects subjected to γ -rays. p. 505.
- Petrov, R. V., Zomskov, V. M., Pashinin, P. M. - Place of the formation of C-reactive protein in radiation injury. p. 511.
- Ponomareva, V. L. - Cytological analysis of high-energy proton action. Report No. 6. Comparative characteristics of the effect of protons 650 Mev. and Co^{60} - rays on hemopoiesis. p. 514.
- Ponomarev, I. U. T. - Dynamics of the changes in coagulative and fibrinolytic blood systems of dogs with acute radiation sickness. p. 519.
- Fedorov, V. P., Bezin, G. I. - Mechanism of gas exchange disturbance in dogs with radiation sickness caused by Po^{210} . p. 522.
- Kalina, V. K. - Change in the secretory activity of the thyroid gland following whole-body X-ray irradiation. p. 525.
- Olov, A. S. - Metabolism of phosphorus compounds in the small intestine of mice following starvation and repeated irradiation. p. 528.
- Almazov, V. A., Mannaev, N. N. - Phagocytic activity of leucocytes in acute experimental radiation sickness. p. 533.
- Mironova, A. P. - Nature of the change in γ -aminobutyric acid in brain tissues following local irradiation of the cerebellum. p. 536.
- L'vitskaya, G. M. - Effectiveness of primary immunization and revaccination with live anthracellosis vaccine following injury of the organism with incorporated substances. p. 540.
- Kozlov, V. M. - Effect of γ -irradiation with 25-50 r doses on nuclear structures of human cells in a tissue culture. p. 543.

- Solomonko, E. A. - Potato mutations induced by the action of ionizing radiation on vegetative plant parts. p. 547.
- Pankova, N. V. - Radiation injuries of interphase nuclei in the cells of developing leach embryos. p. 555.
- Korogodina, I. V. - Some results of the observations on the development of irradiated chick blastoderm. p. 559.
- Bibikova, A. F., Lebedev, B. I. - Morphological changes in the nervous system of dogs subjected to high-energy proton action. p. 562.
- Tokarskaya, V. I. - Deamination of adenine in DNA of seeds subjected to the action of fast neutrons. p. 565.
- Kuzin, A. M., Merkulov, A. S. - Lipoxidase activity in γ -irradiated seeds. p. 571.
- Uzorin, E. K., Demina, O. K. - Phase changes in some growth and metabolism indices under the effect of gamma rays on plants of the genus *Nicotiana*. p. 576.
- Karpov, V. L., Filippov, B. V. - Effect of β -particles of C^{14} on *Chlorella* grown in a medium with C^{14} carbonates. p. 580.
- Sidorov, A. G. - Effect of presowing irradiation of seeds on oxidation-reduction balance and biochemistry of hothouse cucumber leaves as related to the sex differentiation of plants. p. 584.
- Mikheev, V. M. - Characteristics of the radiosensitizing effect of oxygen on *Vicia faba* seedlings following X-ray irradiation. p. 589.
- Pavlov, P., Dragimov, Sh. I., Kovalchuk, R. I. - Effect of plant irradiation on the growth and development of cotton. p. 593.
- Grodzinski, D. M., Bldzila, N. I., Golikova, O. P. - Factors of radiosensitivity of plants following γ -irradiation. p. 595.
- Chernyi, I. V. - Effect of γ -rays on the content and quality of gluten in spring wheat. p. 602.
- Andreev, S. V., Mariens, B. K. - Calculation of the distribution of dose power in a grain γ -sterilizer and determination of its basic parameters by continuous disinfection method. p. 605.
- Biberat, A. V. - γ -irradiation sources in biological experiment. p. 612.
- Arkhov, A. S., Kozlov, I. P. - Inhibition of autolysis by substances capable of radical polymerization. p. 616.
- Nikol'skaya, E. B., Prokof'eva, E. G. - Changes in alkaline and acid phosphatases induced by Co^{60} γ -irradiation effect on their solutions. p. 618.
- Annenkov, B. N. - Effect of magnesium sulfate on the removal of strontium-90 from the organism of some laboratory animals. p. 620.
- Mozhukhin, A. S., Makhalova, O. K., Sokolova, E. N. - Effect of cystamine on the manifestation of pancytopenic syndrome of the acute radiation sickness in dogs. p. 621.
- Lysikov, V. N. - Production of new corn forms by γ - and neutron irradiation of pollen. p. 623.
- Atazhanov, M. A. - Effect of ionizing radiations on the growth, development of productivity of cotton. p. 624.
- Mikhailova, A. A., and others. - γ -irradiation of cell cultures of mammals in vitro. p. 627.
- Anatoli Germanovich Pasynskii; an obituary. p. 629.
- REFERATIVNYI ZHURNAL BIOLOGICHESKAYA KHMIA (Oldeniyi vypusk 306) [JOURNAL OF ABSTRACTS: BIOCHEMISTRY (Separate Issue 306)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 18, Sep. 1965.
- *TSITOLOGIYA [CYTOLOGY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 6, no. 3, May-June 1964.
- Table of contents translated
- Resolutions of the February Plenum of the Central Committee of the CPSU and cytology. p. 273.
- Mashanski, V. F. - Submicroscopic organization of mitochondria. p. 275.
- Volkova, L. V. - Formation of the nucleolus in plant cells. p. 286.
- Kapustin, A. V. - Morphological characteristics of sex chromatin in the nuclei of cells from various human tissues. p. 291.
- Roginskaya, I. S. - Cytology of spermatogenesis in tetraploid male silkworms. Report No. 2; Cytometric study. p. 298.
- Glezer, I. I. - Electron microscopic study of changes in the structure of the cerebral cortex cells in white rats during ontogenesis. p. 305.
- Bulychev, A. G., Mashanski, V. F. - Localization of enzymes on mitochondrial membranes. p. 312.
- Shibanski, B. M. - Study of the action of carbon monoxide on mouse cells by vital staining. p. 310.
- Gracheva, N. D. - Radioautographic study of glycine- C^{14} incorporation into certain parts of the nervous system of the white rat. p. 324.
- Poberit, I. A. - Methionine- S^{35} and glycine- C^{14} incorporation into erythrocyte proteins under normal conditions and during fasting. p. 330.
- Izakova, L. P. - Cytochemical study of proteins in tissue cultures under normal conditions and under the influence of influenza and poliomyelitis viruses. p. 337.
- Zaletova, T. A. - Regeneration of some ultrastructures of rat liver cells after prolonged starvation. p. 343.
- Polenov, A. L., Belen'kii, M. A. - Electron microscopic study of relations between neurosecretory elements and capillaries in the posterior pituitary lobe of white mice. p. 346.
- Gordeeva, A. F. - Morphological changes in the nuclei of the giant cells of the trophoblast from the antimesometrial part of the uterus in a pregnant rabbit; polyploidy in mammalian cells. p. 348.
- Tersikh, V. V. - Duration of mitosis and the mitotic cycle in an amniotic cell culture. p. 352.
- Koroleva, I. U., Krupnova, G. F., Paribok, V. P. - Cells with chromosome aberrations in bean seedlings as a statistical set. p. 355.
- Matievskii, I. U. M. - Water absorption by rat liver tissue in vitro. p. 358.
- Troshina, V. P. - Action of dibazol on frog muscle tissue. p. 362.
- Gershtein, L. M., Tsvelkova, I. V. - Nature of thiol compounds demonstrated by histochemical methods. p. 366.
- Fursov, V. I., Inushin, V. M. - Cytochemical characteristics of the germinating wheat caryopsis. p. 369.
- Bukhonova, A. I. - Glycogen distribution in exudate neutrophils during hormonal influences. p. 373.
- Ulanova, E. F. - Histochemical study of the fatty tissue of a silkworm under the effect of chloramphenicol. p. 376.
- Epenko, S. O., Shungskaya, V. E. - Cerebellar cortex cells of adult mammals under supravital conditions. p. 380.
- Shkurko, V. I., Lazvikov, V. V. - Remarks on the staining of nucleic acids in cells by the methyl green-pyronine method. p. 383.
- Shubich, M. G. - Picric acid hydrolysis in the cytochemical Feulgen reaction for DNA as a means of preservation of glycogen and RNA in histological preparations. p. 384.
- Ovechinnikova, L. P., Selivanova, G. V. - Verifying the applicability of galun-amine-chrome alum staining for the purpose of photometric measurement of the RNA quantity in the cytoplasm. p. 387.
- Bakhtin, E. K. - A means of protecting thin electrophoretic grids used in electron microscopy from mechanical injury. p. 389.
- Zakharov, I. A. - "Structure and development of actinomycetes" by A. A. Prokof'eva-Bel'govskaya. p. 392.
- Polianskii, I. U. I. - Professor Grigorii Isidorovich Roskin (1892-1964). p. 396.
- Polianskii, I. U. I. - In memory of Academician Jan Bohdan Danbowski. p. 398.
- Vol. 7, no. 4, July-Aug. 1965
- Table of contents translated
- Polianskii, I. U. I. - Determined period in the scientific activity of Dmitrii Nikolaevich Naumov, 1920-1933. p. 441.
- Aleksandrov, V. A. - Problem of autoregulation in cytology. Report No. 3. Reactive increase in cell resistance to the action of injurious agents (adaptation). p. 447.
- Ushakov, B. P. - Problem of related protein changes in the process of speciation. p. 467.
- Krolenko, S. A. - Relation between bioelectric phenomena and the specific activity of cells. p. 480.
- Braun, A. D., and others. - Effect of injuring factors on intracellular structures. p. 491.
- Shapho, E. A. - Study of substantial changes during the peasinum. p. 500.
- Zhukov, E. K. - Effect of adenosine triphosphate and metabolism inhibitors on the tetanus and the contraction of skeletal muscles. p. 510.
- Ludkovskaya, R. G., Emel'yanov, V. B., Lemazhkin, B. K. - Study of the optic properties of the squid giant axon relaxed and at different phases of excitation. p. 520.
- Alefeva, A. M., and others. - Cytochemical and luminescence microscopic study of nerve cells in a tissue culture. p. 531.
- Il'inskaya, N. B. - Salt resistance of muscles in active and diapausing pronymphs of the codling moth. p. 538.
- Seravin, L. N. - Relationship between the curve of narcosis development time and the conditions of narcotization in *Lumbricus variegatus* and *Paramecium caudatum*. p. 546.
- Batueva, I. V. - Electric parameters of the membrane of *Amoeba proteus*. Report No. 2. The motile amoeba. p. 553.
- Troshina, V. P. - Distribution of active procion bright red dye between the muscular tissue and the medium. p. 562.
- Nikol'skii, N. N., Vinogradova, N. A. - Distribution of phenol red between the muscle and the medium in the solutions of various toxicity. p. 566.
- Troshina, A. S., Plesnaya, L. N. - Distribution of amino acids between the frog muscle and the environmental medium. p. 570.
- Shlakter, T. A. - Response of the elated gill epithelium of freshwater mussel to the action of different chemical agents. p. 573.
- Makhlin, L. E. - Real resistance of nicotinic acid in the muscles and muscle extracts of a grass frog. p. 578.
- Fel', V. I. A., and others. - Heteroantigens of the hepatocellular tumors in rats. p. 582.
- UKRAINS'KYI BIOKHMICHNYI ZHURNAL [UKRAINIAN BIOCHEMICAL JOURNAL]. Published by Institut Biokhimi Akademii nauk URSR [Institute of Biochemistry of the Academy of Sciences of the Ukrainian S.S.R.], Kiev, vol. 37, no. 4, 1965.
- Table of contents translated
- Pordalukova, T. M. - Use of Edman's phenyl isothiocyanate method for analyzing the N-terminal sequence of fibrin. p. 483.
- Antonian, A. A. - Effect of inhibitor I on stabilization of trypsin and on the dependence of its activity on pH. p. 493.
- Savits'kii, I. V., and others. - Change in proteins and proteolytic activity of the blood in the process of adapting the organism of seamen to the conditions of Antarctic sailing. p. 501.
- Samokhvalov, A. V., and others. - Fractional composition of water soluble neuroglia proteins. p. 510.
- Dorzhko, H. Kh. - Effect of insulin shock on nucleic acid metabolism in the brain of white rats. p. 522.
- Dvorkin, V. I. A., Chelverikov, D. A., Shmelov, A. A. - Study of the content and regeneration rate of individual phospholipid fractions in the brain of healthy rats and those with hypoxia. p. 529.
- Vladimirova, E. A., Gordon, B. G., Nilova, N. S. - Content of some low-molecular nitrogen compounds in the cerebral hemispheres and cerebellum in various functional states of the organism. p. 538.
- Popova, G. M., Promyslov, M. Sh. - Cerebral oxidase in the tissue of gliat brain tumors. p. 546.
- Rubel'skaya, K. I. - Effect of heat stimulation on metabolism in the myocardium (glycogen, glycolysis enzyme activity). p. 553.
- Rogozkin, V. A., Afar, I. A. - Effect of experimental training on induced synthesis of nicotinamide deoxynucleotide in the organism. p. 559.
- Prosenko, M. A. - Phosphoglucose isomerase activity in the subcellular fractions of the heart muscle in adrenalectomized myocarditis. p. 565.
- Nikonova, A. O. - Oxidation processes in the muscles following administration of zinc chloride to animals. p. 574.
- Baraboi, V. A. - Effect of sodium gallate and other polyphenols on the sugar level in the blood of intact and irradiated rabbits. p. 579.
- Platonov, O. M., Fodorov, V. V. - Role of polyphenoloxidase from the kidneys of animals in polyphenol and ascorbic acid oxidation. p. 589.
- Zhelezova, Z. P. - Phosphorylase activity in the liver of chick embryo in the normal state and under the effect of glycerol trioleates. p. 595.
- Usupova, Kh. Kh. - Change in the content of total proteins and protein fractions in the blood serum of Azerbaijan mountain Merino sheep fetuses. p. 602.
- Kyryukhin, I. F. - Methods of low-temperature spectrophotometry of protein solutions and the study of rapid conformational changes in molecules. p. 608.
- Dermovskaya-Zelentsova, G. I. - Separation of 17-ketosteroids of human urine by the gradient elution method. p. 614.
- First Congress of the Ukrainian Biochemical Society. p. 625.
- USPEKHI MIKROBIOLOGII [PROGRESS IN MICROBIOLOGY]. Issued by Vsesoyuznoe mikrobiologicheskoe obshchestvo Akademii nauk SSSR [All-Union Microbiological Society of the Academy of Sciences of the U.S.S.R.], Moscow, vol. 1, 1964.
- Table of contents translated
- Kondrat'eva, E. N. - Bacterial photosynthesis. p. 6.
- Zavarzin, G. A. - Types of nutrition of microorganisms. p. 30.
- Imshenetski, A. A. - Cell-free fixation of nitrogen. p. 61.
- Verbina, N. M. - Physiological significance of polyphosphates for microorganisms. p. 75.
- Alkhaniyan, S. I., Sukhodolov, V. V. - Genetic recombinations in bacteria. p. 101.
- Mansurova, S. E. - Transformation of microorganisms with the help of DNA. p. 133.
- Fateeva, M. V. - Paper chromatography. p. 149.
- VOPROSY BIOKHIMII MOZGA [PROBLEMS OF THE BIOCHEMISTRY OF THE BRAIN]. Issued by Institut Biokhimi Akademii nauk Armianskoi SSR [Institute of Biochemistry of the Academy of Sciences of the Armenian S.S.R.], Yerevan, vol. 1, 1964.
- Table of contents translated
- Buniatian, G. Kh., Nersisyan, R. R. - Transamination of γ -aminobutyric acid with α -ketoglutaric acid in the brain and other tissues of the chick embryo. p. 5.
- Buniatian, G. Kh., Movsesian, S. G., Urgandzhian, M. G. - Effect of γ -aminobutyric acid on the oxidative phosphorylation in mitochondria of the brain. p. 15.

- Buniatian, G. Kh., Eglan, V. B., Turshian, G. A. - Effect of gamma aminobutyric acid on respiration of the brain tissue and on some aspects of the carbohydrate metabolism in it. p. 27.
- Buniatian, T. Kh., Gevorgian, D. M. - Effect of γ -aminobutyric acid on the citric acid content in the homogenates of the cerebral cortex in white rats. p. 33.
- Demin, I. M., and others. - Participation of γ -aminobutyric acid in the metabolism of glutamic and aspartic acids, alanine and glutamine and in neutralization of ammonia in the brain tissue. p. 13.
- Chalabian, Zh. A. - Effect of gamma aminobutyric acid on the content of free nucleotides in the brain of rabbits. p. 81.
- Esalan, N. A., Kazanova, F. K. - Effect of ganglion on the gamma aminobutyric acid content in the brain. p. 87.
- Kazarian, B. A., Gullian, E. A. - Role of the hypophysis in the hyperglycemic effect of gamma aminobutyric acid. p. 73.
- Buniatian, G. Kh., Kazarian, B. A. - Role of the hypophysis in the action of gamma aminobutyric acid on the carbohydrate metabolism in peripheral organs. p. 79.
- Movsesian, S. G., Urgandzhian, M. G. - Some aspects of the effect of gamma aminobutyric acid on the carbohydrate metabolism in mitochondria of the brain. p. 87.
- Buniatian, G. Kh., Davtian, M. A. - Urea synthesis in brain sections and homogenates. p. 87.
- Buniatian, G. Kh., Davtian, M. A. - Citulline synthesis in the brain. p. 103.
- Arutunian, A. V., Mikaelian, E. M. - Ammonia, glutamine and protein amide nitrogen content in the brain following immediate fixation of white rats with liquid oxygen and their decapitation. p. 113.
- Arutunian, A. V. - Effect of dicarboxylic amino acids and glucose on the level of amide nitrogen in brain proteins. p. 117.
- Esalan, N. A., Arutunian, A. R. - Effect of dopamine on the absorption of glucose by rat brain sections. p. 123.
- Buniatian, G. Kh., Oganessian, V. S. - Participation of N-acetyl-L-aspartic acid in acetylation of D-glucosamine in brain tissue extracts. p. 131.
- Buniatian, G. Kh., Aptikhan, G. V., Paronian, Zh. A. - Effect of N-acetyl-L-aspartic acid on the absorption of oxygen, neutralization of ammonia and formation of amide groups of proteins by white rat brain sections. p. 133.
- Galst'yan, A. A., Scapionian, R. M. - Chemical nature of x-ray active substances obtained from the hypothalamus. p. 145.
- Barseghian, G. V., Galst'yan, A. A. - Some data on the effect of ethanotamine on the hypothalamo-hypophyseal system. p. 151.
- Chalabian, Zh. A. - Effect of somatostatin and hydroxylamine on the rate of p^{32} incorporation into nucleic acids of the rabbit brain. p. 157.
- Ketazegian, K. G., Saakian, S. S. - Effect of various doses of adrenaline and gamma aminobutyric acid on the arteriovenous difference in blood clotting, prothrombin time and the thromboplastic activity. p. 163.
- Mamukian, K. G. - Lipoprotein complexes of the nerve tissue. p. 173.
- Bogdanova, L. S. - Analysis of the transition of the larvae of Siberian Acipenser baeri Baund to active feeding habits. p. 400.
- Beliaeva, V. N. - Quantitative survey of young-of-the-year sturgeons in the Volga Delta and northern Caspian Sea. p. 490.
- Kiugus, F. V. - Changes in the growth rate of the sockeye salmon (*Oncorhynchus nerka* (Walb)) in the Ozeimaya River. p. 504.
- Shatunovskii, M. I. - Characteristics of the growth of the river flounder (*Pleuronectes flesus* L.) in the eastern part of the Baltic Sea. p. 518.
- Piotasov, V. R., Romanenko, E. V., Podilnii, I. U. D. - Biological significance of sounds in some fishes. p. 532.
- Luk'ianenko, V. I. - General characteristics and phases of the course of phenol intoxication of crucian carp in the light of "stages" theory. p. 540.
- Dement'ashvili, M. G. - Some biological principles of efficient trout fisheries in Lake Ritsa. p. 548.
- Dement'eva, T. F. - In memory of Dmitrii Fedorovich Zamiatinaev. p. 553.
- Bliman, I. B. - Occurrence of *Coryphaena hippurus* L. in the Sea of Okhotsk. p. 557.
- Ostrovskiy, A. G., Kurenkov, I. I. - Occurrence of *Coleogobius sardinella* Val. in Kamchatka. p. 558.
- Bulakov, V. L., Mel'nikov, G. B. - Conditions for the development of *Clupeonella delicatula* (Nordmann) in Lena Reservoir. p. 568.
- Bul'kin, T. Sh., Druzhinin, A. D. - Length, weight, age and growth rate of the species of the genus *Nemipterus* Swainson in the Gulf of Tonkin. p. 583.
- Dubovitskii, A. A. - Distribution of young Atlantic-Scandinavian herring in the fall of 1961. p. 569.
- Shul'man, G. E., Khislolov, G. S. - Study of iodine numbers of fat of Black Sea fishes. p. 573.
- Zakutskii, V. P. - Porcellana longimana Riasa as basic food for *Gobius iatan* Nord in the north-western part of the Black Sea. p. 579.
- Brief news and information. p. 580.
- ZOOLOGICHESKII ZHURNAL [ZOOLOGICAL JOURNAL]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 44, no. 7, 1965.
- Table of contents translated:
- Sharov, A. G. - Origin and main phases in the evolution of Arthropoda. Report No. 2: Origin and phylogenetic interrelationship of the main groups of Arthropoda. p. 903.
- Korshunova, O. S., Plonkovskaya, S. P., Flint, V. E. - Natural foci of tick-borne typhus fever in the Bay of A. S. S. R. p. 980.
- Kogan, Z. M. - Variability of the oocysts of the chick coccidium *Eimeria necatrix* and factors determining it. p. 986.
- Dishlieva, I. A., Levushkin, S. I. - Subterranean Parasitoidae (Crustacea, Isopoda) in the U.S.S.R. p. 997.
- Dolyshev, D. V. - Phenology of the flight of dragonflies (Odonata, Insecta) in Siberia beyond the Arctic Circle and general characteristics of this phenomenon in northern palaearctic regions. p. 1014.
- Ogoblin, D. A., Medvedev, L. M. - Review of the larvae of Cryptocephallinae (Coleoptera, Chrysomelidae) in the forest zone of the European part of the U.S.S.R. p. 1018.
- Mel'nikova, T. G. - Horseflies (Tabanidae) of Tajikistan. p. 1028.
- Shcherbakov, A. I. A. - Localization of roach schools in the Southern Bug and Dniester Rivers. p. 1035.
- Krosnikin, V. I. - New ideas on the systematics of shrikes. p. 1041.
- Kiribukhov, N. I. - Adaptive characteristics of two geographical forms of *Meriones meridianus* Pall. p. 1048.
- Khmelevskaya, N. V. - Structure of the roach hatching cycle, its variability and its significance for systematics. p. 1054.
- Porvomonik, G. S., Yarovoy, I. A. M., Shcherbakov, V. P. - Use of infrared rays in stereoscopic microscopy. p. 1075.
- Ushinov, S. K. - Participation of lesser mammals in the epizootiological process of a tick-borne encephalitis focus. p. 1079.
- Rumiantsev, E. A. - Occurrence of *Philonema sibirica* (Nauw, 1946) (Nematoda: Dracunculidae) in *Coleogobius albus* L. of the Karelian lakes. p. 1082.
- Gromov, V. V. - Distribution of *Dreissena polymorpha* Pall. in the Sylva Bay of Kama Reservoir. p. 1084.
- Kudrashov, V. A. - New species of Gammaridae (Amphipoda) from the northern part of the Sea of Okhotsk. p. 1088.
- Zakutskii, V. P. - Shells of *Balanus improvisus* as a shelter for other organisms. p. 1092.
- Generic groups of rhinonyssid mites (Mesostigmata, Rhinonyssidae), the parasites of birds. Report No. 2: New genus *Locustonyssus*. p. 1092.
- Zlotin, A. Z., Lymarova, M. A., Tremi, A. G. - Development of the grey moth (*Oenaria dispar* L.) feeding on acorns under laboratory conditions. p. 1098.
- Fomina, M. I. - Feeding habits of steppe viper in spring and in summer. p. 1100.
- Iablokov, A. V., Elin, V. I. A. - Analysis of color variation in different populations of mammals, and exemplified by Greenland seal. p. 1103.
- Brief news and information. p. 1111.
- AKADEMIYA NAUK KAZAKHSSKOI SSR, Alma-Ata. Izvestiya, Seriya khimicheskikh nauk [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin, Series in the Chemical Sciences]. Alma-Ata, vol. 15, no. 2, Apr.-June 1965.
- Table of contents translated:
- Kozlovskii, M. T., Dragayeva, N. A., Bukhman, S. P. - Effect of certain metals on the reduction of trivalent arsenic with endium amalgam. p. 3.
- Brikun, I. K., Kozlovskii, M. T. - Study of the interaction of bi and trivalent vanadium with hydroxylamine by potentiometric titration. p. 8.
- Songina, O. A., Khalitova, R. S. - Determination of lithium (I) by potentiometric titration carrying the current with two indicator electrodes. p. 15.
- Nigmatullina, A. A., Zebereva, A. I. - Study of lead and bismuth-lead amalgams by the E. M. F. method. p. 20.
- Mun, A. I., Vil'zing, I. U. E. - Distribution of lithium in lake deposits of sill. p. 25.
- Kurayeva, S. D., Suvorovskaya, N. A. - Mechanism of anion-exchange sorption of phenol and molybdenum on the AB-17 ion exchanger. p. 33.
- Buketov, L. A., Makhmetov, M. Zh., Gromakova, Z. I. - Rapid method of decomposition of copper electrolyte alloys for the determination of selenium and tellurium. p. 41.
- Iarmukhamedova, E. Sh., Sumarokova, T. N., Balyrova, N. A. - Composition and conditions of formation of basic copper salts. p. 45.
- Kvialkovskii, A. N., and others. - Change in the composition of slag and matte as dependent on a partial pressure of sulfuric acid anhydride in the gaseous phase. p. 51.
- Popova, N. M., and others. - Hydrogenation of cottonseed oil on nickel-kieselguhr and nickel-chromium catalysts over coal in absolute ethyl alcohol. p. 59.
- Samsunova, N. S., Sokol'skii, D. V. - Hydrogenation of cottonseed oil on a skeletal nickel with vanadium additives. p. 65.
- Bizhanov, V. I., Sokol'skii, D. V. - Adsorption of hydrogen on a skeletal cobalt. p. 73.
- Gor'nev, M. I., and others. - Preparation of fodder yeasts from molasses waste of the Dzhambul Alcohol and Vodka Combine. p. 77.
- Gor'nev, M. I., Miralov, Kh. M., Sarakina, V. K. - Production of furfural by the method of rapid dehydration of pentose hydrolyzates in high-boiling oils. p. 83.
- AKADEMIYA NAUK KAZAKHSSKOI SSR, Alma-Ata. Institut khimicheskikh nauk, Izvestiya [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Chemical Sciences, Transactions]. Alma-Ata, vol. 13, 1965. Catalysts on carriers.
- Table of contents translated:
- Popova, N. M., Sokol'skii, D. V. - Nickel and mixed catalysts on carriers. p. 3.
- Gil'denbrand, E. I. - Low-percentage catalysts on carriers. p. 67.
- Sokol'skii, D. V., Popova, N. M., Syzdykbaeva, M. D. - Platinum, palladium, and platinum-palladium catalysts on carriers for carbon monoxide oxidation. p. 118.
- Zueva, L. I., Sokol'skii, D. V. - Low temperature hydrogenation of vegetable oils on platinum group catalysts on carbon. p. 140.
- Zanovina, P. P., Popova, N. M., Bizhanov, F. B. - Activity and selectivity of nickel-chromium catalysts on carriers in cottonseed oil hydrogenation. p. 155.
- Sokol'skii, D. V., and others. - Use of oxide catalysts on carriers for the purification of exhaust gases by removing carbon monoxide and hydrocarbons. p. 174.
- Pod'acheva, E. A., Golodova, L. S. - Palladium on aluminum oxide as an active catalyst for low temperature hydrogenation of fats in solvents. p. 202.
- Zhubanov, K. A., Sokol'skii, D. V. - Trans-isomerization in the continuous hydrogenation of fats. p. 207.
- Sokol'skii, D. V., Popov, N. I., Popova, N. M. - Use of Koles bontanto clays in the hydrogenation of cottonseed oil under operational plant conditions. p. 210.
- AKADEMIYA NAUK SSSR. Izvestiya. Neorganicheskie materialy [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Inorganic Materials]. Moscow, vol. 1, no. 7, July 1965.
- Table of contents translated:
- Andrianov, K. A., Lavynin, I. A., Perleova, N. V. - Fractional composition of (8-hydroxyquinoline) titanopolydimethylsiloxanes. p. 1001.
- Shulepov, S. V., and others. - Microstructure defects of artificial graphite. p. 1005.
- Novoselova, A. V. - Chemical transport reactions. p. 1010.
- VOPROSY IKHTIologii [PROBLEMS IN ICHTHYOLOGY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 5, no. 3(36), 1965.
- Table of contents translated:
- Evgenii Nikanorovich Pavlovskii, an obituary. p. 401.
- Korovina, V. M., Lhubitskaya, A. I., Dorofeeva, E. A. - Effect of visible light and darkness on the rate of formation of cuticular elements of the skeleton in bony fishes. p. 403.
- Ostov, I. M. - Effect of hydrometeorological factors on the yield of herring, spawning in the spring, in the eastern part of the Gulf of Finland. p. 411.
- Khekhlova, L. V. - Fluctuations in the yield of young *Coleogobius autumnalis migratorius* (Georgy) in the Selenga River. p. 419.
- Gorbach, E. I. - Maturation and reproduction of *Ctenopharyngodon idella* (Val.) in the central Amur River. p. 426.
- Sidorov, G. P. - Spawning of whitefishes in the Vashukhyn tundra-type lakes (Pechora basin). p. 442.
- Kukardze, A. M. - Fecundity of pike perch (*Lucioperca lucioperca* L.) in the Danube Delta. p. 448.
- Faleeva, T. I. - Analysis of the atresin of oocytes in fishes as related to adaptive significance of this phenomenon. p. 455.
- Moroz, V. N. - Characteristics of the fecundity changes in *Vimba vimba natio caspiata* (Pall.) of the Dniester River. p. 471.
- Kaufman, Z. S., Rusanova, M. N. - Utilization of artificial spawning grounds for herring of the White Sea. p. 479.
- Salekhova, L. P. - Embryonic and early postembryonic development of *Symphodus scia* (Forsk.). p. 483.

- Loftman, V. F., and others. - Conditions of growth as affecting certain properties of epitaxial layers of germanium. p. 1016.
- Abrikosov, N. Kh., and others. - Thermoelectric properties of solid solutions of antimony with arsenic. p. 1021.
- Kukuladze, G. V., Mirgalovskaya, M. S. - Microhardness of A [111] and B [111] surfaces of gallium antimonide crystals. p. 1025.
- Filtsev, A. A., and others. - X-ray diffraction examination of lanthanum tellurides. p. 1027.
- Litvina, M. D., Akhina, Z. S. - Chemical and thermal stability of scandium borides. p. 1039.
- Litvina, M. D., Serabinskaya, T. I. - Thermal stability of rhenium borides. p. 1041.
- Sonov, A. I., and others. - Growing of cerium single crystals in vacuo according to the Chokhalski method. p. 1049.
- Ugar, I. A., Gordin, V. L. - Growing of indium phosphide single crystals. p. 1051.
- Ugar, I. A., Bilutskaia, L. A. - Thermal stability of indium phosphide. p. 1053.
- Vasilutskii, N. A., and others. - Structure of germanium monoxide. p. 1057.
- Matveenko, L. I., and others. - Magnetic susceptibility of cubic niobium carbide. p. 1062.
- Panashev, A. D. - Activated sintering of tantalum and hafnium carbides. p. 1065.
- Samsonov, G. V., Sineitnikova, V. S. - Nature of chemical bonds in aluminides of some transition metals. p. 1071.
- Glazov, V. M., Glagoleva, N. N. - Change of the character of chemical bonds in compounds of magnesium with Si, Ge, Sn, Pb during their smelting. p. 1079.
- Gladyshevskii, E. I., Krivakovich, P. I., Iarmoluk, I. A. P. - Crystalline structure of $MgSi$. p. 1086.
- Krasulin, I. U. L., Ivanov, V. D., Kruglov, L. M. - Role of dislocation in the process of formation of a compound by pressure welding with heating of a metal with semiconductor. p. 1090.
- Gordinkova, G. N., Shnait, S. S. - Anisotropy of the properties of solid solutions in the system Bi_2Te_3 - Bi_2Se_3 produced by powder metallurgy. p. 1098.
- Ugar, I. A., and others. - Preparation of solid solutions $InAs_{1-x}P_x$ of constant composition along the length of the ingot. p. 1104.
- Kuz'ma, I. U. B., Voroshilov, I. U. V., Cherkashin, E. E. - New ternary compounds having the structure type $W_2Cr_2Co_6$. p. 1109.
- Kuz'ma, I. U. B., and others. - Zirconium-cobalt-boron system. p. 1112.
- Gladyshevskii, E. I., and others. - Titanium-vanadium-silicon system. p. 1115.
- Aiburov, M. P., Chupina, V. G. - X-ray diffraction study of the oxidation of alloys of the system Ni_3Al - Ni_3Nb . p. 1121.
- Zonn, Z. N. - Growing of cerium aluminate single crystals. p. 1128.
- Grebenshchikov, B. G., Tolopov, N. A., Shitova, V. I. - Crystal chemical analogy of germanates with titanates, silicates, and fluoroborates, and the system barium oxide-germanium dioxide. p. 1130.
- Glushkova, V. D., Isupova, E. N. - Thermodynamic calculation of reactions in solid phases between oxides of elements of group II and IV of the periodic table. p. 1143.
- Trunov, V. K., and others. - Binary oxides in the system ZrO_2 - Nb_2O_5 . p. 1152.
- Plushchev, V. I., Anosov, V. M. - Synthesis and properties of neutral lanthanum, cerium, praseodymium, and neodymium tungstates. p. 1155.
- Smirnova, L. N., Kisilakov, I. P. - Diagram of states in the systems Na_2WO_4 - $SiWO_4$ and Na_2WO_4 - $BaWO_4$. p. 1162.
- Golub, A. M., Maidukova, T. P. - Reaction of lanthanum nitrate with ammonium carbonate in solution. p. 1166.
- Volchenkova, Z. S., Strekalovskii, V. N., Pal'gunov, S. F. - Structure, conductance, and the type of conductance in the ternary system $(0.75CeO_2 - 0.25ZrO_2)$ - CaO . p. 1171.
- Vinnik, M. A., Agranovskaya, A. I., Semenov, N. N. - X-ray diffraction and microstructure study of phase relations in the formation of barium-cobalt hexaferrite $Ba_2Co_2Fe_{12}O_{21}(Co_2Z)$. p. 1177.
- Bellaev, I. N., Averbanova, L. N., Bellaeva, I. I. - X-ray phase-shift study of the systems " $PbSnO_3$ "- $PbWO_4$, " $PbSnO_3$ "- $PbMoO_4$, " $PbHfO_3$ "- $PbWO_4$, " $PbHfO_3$ "- $PbMoO_4$. p. 1184.
- Kalishina, A. M., Filipovich, V. N. - Crystallization of glasses of the system CaO - MgO - SiO_2 . p. 1189.
- Butt, I. U. M., Timashev, V. V., Kaushanskii, V. E. - Effect of magnesium oxide on the properties of tricalcium silicate. p. 1201.
- Lazarev, A. N., Toncheva, T. F., Bondar', I. A. - More on the polymorphism of rare-earth pyrosulfates. p. 1207.
- Budnikov, P. P., Paschenko, A. A., Karibaev, K. K. - Increasing the strength of glass fiber in a medium of a hardening cement stone. p. 1210.
- Tolopov, N. A., Brantsev, B. A. - Effect of aluminum oxide on the physicochemical properties of iron-magnesia silicate melts. p. 1215.
- Nadonny, E. M., Gligorova, L. E., Ivanov, A. P. - Mechanical properties of synthetic fibrous fluorine-containing amfiboles and some natural asbestos. p. 1221.
- Golikhov, V. I., Babkina, L. K., Stativa, V. P. - Volume changes in heat resistant pyrocerams originating in the process of thermal treatment. p. 1229.
- Pavushkin, N. M. - Isaak Il'ich Kikigorodskii. p. 1234.
- Shelubskii, V. I. - Possibility of the appearance of porosity in the process of pyroceram formation. p. 1236.
- *AKADEMIYA NAUK SSSR. Izvestia. Seriya khimicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Chemical Series]. Moscow, No. 8, 1965. Table of contents translated.
- Grigorii Alekseevich Razuvayev, on his seventieth birthday. p. 1319.
- Roginskii, S. Z. - Chemical reactions in polymer chromatography. p. 1321.
- Matrosov, E. I., Gilarov, V. A., Kabachnik, M. I. - Antidimeral tautomerism of N-phosphoryl amido-phosphates and phosphates. p. 1331.
- Avramenko, L. I., Evlashkina, L. M., Kolesnikova, R. V. - Reactions involving HO_2 radical. Report No. 1 Mechanism of interaction of HO_2 radicals with saturated and unsaturated hydrocarbons and methyl alcohol. p. 1336.
- Besprozvanyy, M. A., Kononov, N. F., Kharlamov, V. V. - Formation of free radicals in the catalytic reduction of carbon tetrachloride. p. 1345.
- Kol'tsov, A. I. - Proton magnetic resonance spectra and structure of the products of reaction of α,β -unsaturated acid anhydrides with asymmetrical dimethylhydrazine. p. 1350.
- Sobolev, E. V., Minonov, V. A., Fadeeva, T. M. - Substituted cyclopentadienes and related compounds. Report No. 14 Special features of the vibrational spectra of adducts of substituted cyclopentadienes with maleic anhydride. p. 1357.
- Anovskaya, L. A., Belikov, V. M. - Chemistry of acetals. Report No. 18. Rate of hydrolysis of some mono- and diacetals. p. 1368.
- Rozengart, E. V., Godyn, E. I., Godoylov, N. N. - Anticholinesterase properties of some O-ethyl-S-alkylmethylthiophosphinates. Report No. 2: Kinetics of inhibition of cholinesterase and acetylcholinesterase with O-ethyl-S-n-alkylmethylthiophosphinates. p. 1370.
- Aiburov, B. A., and others. - Bromoethylenes in diene synthesis. p. 1376.
- Nesmejanov, A. N., Rybinskaya, M. I., Rybin, L. V. - Reaction of aryl- β -nitrovinyl ketones with aniline. p. 1382.
- Aiburov, B. A., and others. - Nature of di-cyanosulfonyl ester of phosphorous acid. p. 1389.
- Treshchashvili, R. Shi, Andrianov, K. A., Nagaidell, A. I. - Reaction of dimethyl and phenylmethylchlorosilanes with 1,4-dithium-1,1-dihydronaphthalene. p. 1390.
- Tat'kova, T. V., and others. - Use of dithium compounds for the synthesis of fluorinated unsaturated compounds. p. 1402.
- Kochetkov, N. K., Dmitriev, B. A. - Monosaccharides. Report No. 10 New synthesis of D-treo-L-galactose. p. 1405.
- Zakharychev, A. V., Ananchenko, S. N., Tsvetov, I. V. - Cyclization of 3-methoxy- $\Delta^1,3,5,10$ -9(11)-8,14-secoestratetraene-14,17-dione to D-homocestrone derivatives. p. 1413.
- Anovskaya, L. A., Skupanova, R. N. - Chemistry of acetals. Report No. 17 Study of the hydrolysis of various type diacetals by gas-liquid chromatography. p. 1416.
- Semenovskii, A. V., Smil, V. A., Kucherov, V. F. - Cyclization of isoprenoid compounds. Report No. 11 Cyclization of isomeric farnesonic esters and their monocyclic analogs. p. 1424.
- Godoylov, S. N., Gol'dfarb, I. A. L. - Course of bromination reaction of 2-aryl(alkyl)pyrimidazoles. p. 1434.
- Zapovalova, N. P., Sokolova, T. A. - Interaction of asymmetrically disubstituted hydrazines with derivatives of α,β -unsaturated acids. Report No. 1. Formation of 1,1-dimethyl-3-pyrazolium oxides. p. 1442.
- Nametkin, N. S., Vdovin, V. M., Zavr'atov, V. I. - Polymerization of 1,1-substituted silacyclobutanes. p. 1448.
- Nametkin, N. S., and others. - Polymerization of 1,1-substituted silacyclopentanes. p. 1453.
- Mavrov, M. V., Derzhinskii, A. R., Kucherov, V. F. - Reaction of inner-molecular cyclization of vinylacetylenic systems. p. 1460.
- Korshak, V. V., Bekasova, N. I., Komarova, L. G. - Reaction of B-methyl-N-triphenylborazole with difluoromethanes and diamines. p. 1462.
- Zakharukin, L. I., Podvisolskaya, L. S. - "Positive" character of halogen atoms in C-halobenzenes. p. 1464.
- Gumbarian, N. P., Rodimt, I. I. M., Zaslavskii, I. U. V. - Reaction of fluorinated ketones with amines. p. 1466.
- Konikberg, M. G., Izhitskii, I. Z. - Effect of pressure on the thermal decomposition of methylphenylphosphonium iodide. p. 1471.
- Zeifman, I. U. V., Gumbarian, N. P., Izhitskii, I. I. - Reaction of hexafluoroacetone with butadiene and isobutylene. p. 1472.
- Nesmejanov, A. N., Prizvalina, V. V., Razuvayev, A. A. - Reactions of stable aromatic aldehydes. p. 1474.
- Chebukov, I. U. A., Mukhammatov, R. A., Kuchuk, I. E. - Reaction of hexafluoroisobutyl acid chlorides. p. 1476.
- Chebukov, I. U. A., and others. - Reaction of fluoromethylketones with diamines. p. 1478.
- Lazarev, A. N., and others. - Mechanism of oxidation of polypropylene by addition of tetramethyldiphenyl nitric oxide. p. 1481.
- Kholina, M. A., Fridlind, R. Kh. - Effect of reaction conditions on the recombination of radicals in solution. p. 1483.
- Shostakovskii, M. P., and others. - Kinetics of hydrolysis of monomethyl ether of ethylene glycol, di- and triethylene glycol. p. 1484.
- Mikhailov, B. M., Sidorova, E. N. - Acetylation of propylalcohol on n-butylating ether. p. 1485.
- Razuvayev, G. A., Kopylov, I. U. A., Mikhovskii, L. V. - Reactions of phenyl compounds of group elements with benzene. p. 1486.
- Ivanov, A. I., and others. - Molecular spectra of O-ethyl ethers of dinitro- and trinitromethane. p. 1491.
- Mavrov, M. V., Kucherov, V. I. - Synthesis of methyl ester of 1-bromo-2,3-butanediol. p. 1491.
- Nesmejanov, A. N., and others. - Conformation of acetylphenylphosphonium salt. p. 1492.
- Zakharukin, L. I., Zhelezova, G. G. - Alkylation of 1- and 1-cyano-2-methoxy-2-azetidine. p. 1497.
- Dubinin, M. M., and others. - Adsorption of synthetic monomers. p. 1500.
- Grechkin, N. P., Gishina, L. N. - Properties of ethanoylides of glycolphosphorus. p. 1502.
- Anovskaya, L. A., Kucherov, V. I. - Stereoregistry of the Wittig reaction with phosphonium salts. p. 1503.
- Bril'skii, B. D., and others. - Influence of halogen atom on the stereoregularity of complexes of nickel in butadiene polymer. p. 1507.
- Timakova, E. I., Lazarev, A. N. - Polymerization of dienes induced by organotin compounds. p. 1508.
- Zakharukin, L. I., Sarina, A. A. - New series of arylcyclophosphines. p. 1508.
- Stepanova, R. N., Kucherov, V. I., Lazarev, A. N. - Reaction of acetone cyanohydrin with 1,4-dimethoxybutane-2-thiol. p. 1510.
- Nesmejanov, A. N., Rudakovskii, I. I., M. I. U. - Reactions of 1,3,3,6-tetrahydro-2H-pyran with ethyl magnesium bromide and organotin salts. p. 1510.
- General Meeting of the Department of Physical Chemistry, and Chemistry of Physical Organic Compounds of the Academy of Sciences of the U.S.S.R. held March 25-27, 1965. No. 9, 1965. Table of contents translated.
- Andonov, L. M., Malus, Z. K., Pankov, I. I. - Kinetics of oxidation of aqueous solution of ceric aldehyde by molecular oxygen. p. 15.
- Markin, V. S. - Capillary equilibrium in media. Report No. 1: Formulation of the and derivation of equations. p. 153.
- Khazova, O. A., Vasil'ev, I. U. B., Bapstov, I. E. - Electrolytic oxidation of organic substances on platinum electrode. Report No. 1. General of potentiostatic curves and the nature of electrochemical oxidation processes. p. 154.
- Mairanovskii, S. G., Batazhkova, N. V., V. I. U. B. - Polarography of 2-nitroethyl and its bromo derivatives. On the mechanism of the electrochemical breaking C-Br bond of 5-bromo-2-acetylthiophene. p. 155.
- Nametkin, N. S., and others. - Infrared spectra of 1,1-substituted silacyclobutanes, silacyclopentanes, and corresponding. p. 1547.
- Toncheva, T. F., Lazarev, A. N., Pal'gunov, T. M. - Infrared spectra of lanthanum and cerium compounds. p. 1553.
- Moln, I. U. N., and others. - Study of ketone of 3-alkylacetylacetones by the magnetic resonance method. p. 1556.
- Malenkov, N. E., Balandina, A. A., Kuchuk, I. E. - Catalytic properties of iron orthophosphate. Report No. 2: Alkylation of benzene and derivatives. p. 1565.

- Mamed-Zade, R.I.U., Klabunovskii, E. I., Balandina, A.A. - Catalytic hydrogenation of tetrahydrodioxo-(dihydroanthracene) triptycene p. 1570.
- Arbuzov, B. A., Veishtagin, A. N., Remizov, A. B. - Diene synthesis and structure of adducts of trans-1,2-dichloroethylene with acyclic dienes p. 1575.
- Arbuzov, B. A., Dianova, E. N. - Azetolopes of dialkylphosphorous acids with some alcohols p. 1584.
- Kirgintsev, A. N. - Solubility equation for ternary aqueous salt systems. Report No. 1 Theoretical derivation of solubility equation p. 1591.
- Geyorkian, A. A., Diatkin, B. I., Kunitsants, I. L. - Action of phosphorous acid esters on α -chloropentafluorooalkanes. p. 1599.
- Talalaeva, T. V., and others. - Lithium acetylides. p. 1607.
- Belaventsev, M. A., Sokol'skii, G. A., Kunitsants, I. L. - Fluorine-containing β -sulfoxides. Report No. 12 Sulfonitrofluoride-difluoroacetyl fluoride p. 1613.
- Andrianov, K. A., Kurashova, N. A., Avilov, V. A. - Condensation of α , β -dihydroxydimethylsiloxanes with tetrahydroxytitanium p. 1616.
- Grishina, O. N., Bezrubova, I. M. - Alkylthiophosphine sulfides. Report No. 1. Synthesis and properties of alkylthiophosphine sulfides p. 1619.
- Shchukin, M. M., and others. - Chemistry of decapeptides. Report No. 25 Structure and complete synthesis of emulins A and B p. 1623.
- Sergeeva, L. L., Shorygina, N. N. - Nitration of model lignin compounds containing benzyl-alcohol and benzyl-alkyl ether groups. p. 1630.
- Ianovskaya, L. A. - Chemistry of acetals. Report No. 19 Structure of acetals and their reactivity toward vinyl ethyl ether p. 1638.
- Tartakovskii, V. A., and others. - Reaction of intramolecular O-alkylation in the series of gem-dinitro compounds p. 1641.
- Korshak, V. V., Vinogradova, S. V., Pankratov, V. A. - Itetacholn polyesters. Report No. 50 Fluorine-containing polyvinyls p. 1649.
- Sokol'skii, G. A., Kunitsants, I. L. - Sulfonitrooxidation of polyhydroxyethylenes p. 1655.
- Ianovskaya, L. A., Kucherov, V. F. - Comparative reactivity of diacetyls of the $(C_2H_5O)_2CH(CH_3)_2$ $CH_3OC_2H_5$ type p. 1657.
- Gusev, B. P., El'perina, E. A., Kucherov, V. F. - Isomerization of alkyl diacetylenes p. 1659.
- Mikhailov, B. M., Dorokhov, V. A. - 2-Alkoxy-1,2-oxabenzolones. p. 1661.
- Shur, V. Z., and others. - Production of isoprene from formaldehyde and isobutylene via 3-methyl-3-butanediol. p. 1663.
- Viazankin, N. S., Razuvayev, G. A., Bychkov, V. T. - New reactions of bis(triethylgermyl) cadmium p. 1665.
- Zhenodarova, S. M., Sedelnikova, E. A. - Separation and properties of pyridinium and barium salts of O-butoxyethylidene derivatives of uridine 3-phosphate. p. 1667.
- Bel'skii, I. P., and others. - Interaction between cations of β -tetrahydroxyethylpyridone and its α -alkyl-substituted derivatives and phosphorus tribromide. p. 1670.
- Gol'dfarb, I. A. I., Godovikova, S. N. - Synthesis of 3-alkylmethyl-2-oxo-1-alkyl pyrimidazoles p. 1671.
- Bardamova, M. I., Shishmakova, T. G., Kotlarevskii, I. L. - 4-Hydroxy-4'-ethynylazobenzene. p. 1674.
- Ershov, V. V., Zlobina, G. A. - Reaction of 2,4,6-trialkylphenols with pernitric acid p. 1675.
- Flisova, T. P., and others. - Melting point of potassium superoxide p. 1678.
- Minachev, Kh. M., Markov, M. A. - Dehydrogenation of cyclohexane on rare-earth oxides deposited on high-ash coals. p. 1680.
- Kuznetsova, Z. I., Ivanova, V. S., Shorygina, N. N. - Reaction of dialcohol cellulose with nitrogen oxides. p. 1682.
- Ponomarenko, V. A., Snegova, A. D., Sergeev, I. A. - Preparation of fluoroaryloxyhalosilanes by high temperature condensation. p. 1684.
- Komarov, N. V., Vlasova, N. N. - Synthesis of β -silicoalco-containing vinyl sulfides. p. 1687.
- Bogatyrev, V. L. - Calculation of equilibrium in systems with ion exchangers during the formation of difficultly soluble precipitates p. 1689.
- Mozzokhin, D. D., and others. - Fluvine catalysis of hydrogen transport from dihydropyridines and similar compounds. p. 1692.
- Nesmetanov, A. N., and others. - Photolysis of 1,1'-ferrocenedicarboxylic acid p. 1694.
- Nesmetanov, A. N., and others. - Ferrocenylmethylthiol and methyl(ferrocenylmethyl) sulfide. p. 1696.
- Kochetkov, N. K., and others. - Synthesis of methyl ester of O-(β -D-galactofuranosyl)-L-serine. p. 1698.
- Tlomezeva, E. A., and others. - Catalytic synthesis of neohexane. p. 1699.
- Denisova, L. N., Denisov, E. T. - Formation of radicals during the reaction of oxygen with the double bond of styrene. p. 1702.
- Kotkarevskii, I. L., and others. - Synthesis of acetylenic derivatives of diphenyl oxide and methylol p. 1703.
- Medved', T. I. A., and others. - Synthesis of β -keto-phosphine oxides. p. 1707.
- Petrashko, I. U. A., Fromberg, M. B., Andrianov, K. A. - Synthesis of ramified oligomers with the central silicon atom and hydroxyl groups at the ends of branching p. 1709.
- Berezkin, V. G., and others. - Effect of the viscosity of stationary liquid phase on the broadening of chromatographic zone p. 1711.
- Zakharina, L. L., Kallina, V. N., Podvolskaya, L. S. - Preparation of B-hydroxyarenes by the action of nitric acid on benzenes p. 1713.
- Prokhoda, A. M., Akhrent, A. A., Kameinitskii, A. V. - Stereochemical course of nucleophilic addition to the carbonyl group of cyclohexanes as dependent on the presence and orientation of polar substituents p. 1713.
- Mikhailov, I. A., Gunar, V. I., Zay'ulov, S. I. - Selective methylation of simplest ureas. p. 1715.
- Diatkin, B. I., Mochalina, E. P., Kunitsants, I. L. - Oxidation of hexafluoroacetone oxime in anhydrous hydrogen fluoride. p. 1715.
- Nefedov, O. M., Ivashenko, A. A., Novitskaya, N. N. - Preparation of cyclo-1,3-heptadienes from 7-mono-haloarenes p. 1718.
- Molisev, I. I., Pestikov, S. V. - Palladium (0) complexes in butylenic isomerization. p. 1717.
- Ninth Mendeleev Congress on General and Applied Chemistry p. 1718.
- ELEKTROKIMIYA [ELECTROCHEMISTRY]** Issued by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 1, no. 8, Aug. 1965.
- Table of contents translated:
- Feoktistov, L. G., and others. - Nature of the cathodic breaking of the carbon-halogen bond. p. 887.
- Popovska, M. I. A., Avramenko, V. I. - Effect of the sinusoidal current on cobalt electrocrystallization. Part 2: Microstructure, internal stresses, microhardness. p. 894.
- Fisman, A. B., Tuncova, G. V., Sokol'skii, D. V. - Measurement of the potential of powdered catalysts in dielectric media p. 900.
- Gokhshtein, A. A. - Liquid iodine as a product of anodic oxidation of iodide p. 906.
- Tedraev, G. A., Dzhanaliev, D. I. - Effect of large surface coverages in the catalytic hydrogen evolution on mercury. p. 910.
- Matveeva, E. A., Rozhanskaya, T. I. - Electrochemical properties of ion-exchange membranes with different structure of the ionogenic group. Part 3: Elektroconductivity of membranes in solutions of hydrochloric acid and sodium chloride p. 916.
- Tun'yan, A. I., Smirnova, G. A., Tolstikova, O. A. - Polarographic kinetic currents of nicotinic acid p. 922.
- TSintsevich, V. M., Khamchenko, G. P., Vovchenko, G. D. - Electrochemical reduction of butyne-1,4-diol on a platinum electrode-catalyst. p. 928.
- Levitskii, V. A., Rozukhina, T. N., Dneprova, V. G. - Measurement of the E.M.F. in galvanic cells with a solid electrolyte at temperatures above 1100°C. Thermodynamic properties of nickel chromite. p. 933.
- Solov'eva, Z. A., Laoshina, A. E. - Certain features of the electrodeposition of chromium from chromic acid solutions with fluoride ion addition. p. 941.
- Zhdanov, S. I., Pits, R. G. - Polarography of tellurium. Part 1: Tetraivalent tellurium. p. 947.
- Stradyn', I. A. P., Reikhsmanis, G. O., Gavar, R. A. - Single-electron polarographic reduction of 2-nitrofur and its derivatives in water-alcohol media. p. 955.
- Vlasova, R. M., Alropelants, A. V. - Electric properties of pyrolyzed polycrylonitrile. p. 962.
- Poduk, A. G., Vasil'ev, I. D., Bagatskii, V. S. - Oxidation of organic compounds through a palladium membrane. p. 965.
- Kazarinov, V. A., Balashova, N. A., Kulezova, M. I. - Structure of the surface layer on platinum in alkaline solutions. p. 975.
- Guslin, N. P. - Conditions for the modeling of electric fields in electrolyzers with conducting diaphragms. p. 979.
- Roschupkina, L. P., and others. - Origination of the catalytic current maxima in the electroreduction of iron group metals on a mercury dropping electrode. p. 982.
- Trofimova, A. N., Galushko, A. P. - Cathodic polarization in the electrodeposition of metals in the ultrasonic field. p. 985.
- Solovkin, A. S. - Activity coefficients, complete hydration numbers, and transport numbers of ions in aqueous solutions of 1,1-halides. p. 988.
- Lubianitskii, I. A., Zaitsev, P. M., Zaitseva, Z. V. - Polarographic study of the acetyl-nitro conversion of 1,2-nitrocyclohexanol and 1-nitrocyclohexene. p. 990.
- Rotenberg, Z. A., Levina, S. D. - Rectification effect of phthalocyanine. p. 993.
- Matveevskii, V. G., Simokhvalov, G. I. - Polarography of conjugated systems in dimethylformamide. Part 1: Vilandin D and related compounds. p. 996.
- Korshunov, V. N. - Kinetic current value of $H_2PO_4^-$ anion dissociation p. 1001.
- Fil'skii, M. M., Suvoia, L. M. - Anodic process in the electrochemical formation of ozone and oxygen on platinum p. 1005.
- Degondze, R. R., Kuznetsov, A. M. - Some steady-state processes in the system semiconductor - electrolyte solution p. 1008.
- Tilova, V. N., Vagman, A. T. - Reflecting power and structure of electrolytic copper deposits p. 1011.
- Troshin, V. P. - Transport numbers and hydration of H^+ ions in highly concentrated nitric acid solutions. p. 1015.
- KHIMICHESKAYA INFORMATSIIA, sistematischeskii ukazatel' statei v inozhnykh zhurnalakh [CHEMICAL INFORMATION, Classified Index of Articles in Foreign Periodicals]** Issued by Vsesoyuznaya gosudarstvennaya biblioteka inostrannoi literatury [All-Union State Library of Foreign Literature], Moscow, no. 3(133), Mar. 1965.
- KHIMIA GETTROPISIKLICHESKIKH SOEDINENII [CHEMISTRY OF HETEROCYCLIC COMPOUNDS]** Issued by Akademiya nauk Latvskoi SSR [Academy of Sciences of the Latvian S.S.R.], Riga, no. 4, 1965.
- *KINETIKA I KATALIZ [KINETICS AND CATALYSIS]** Issued by Sibirskoe otделение Akademii nauk SSSR [Siberian Department of the Academy of Sciences of the U.S.S.R.], Moscow, vol. 6, no. 4, July-Aug. 1965.
- Table of contents translated:
- Panfilov, V. N., Voevodskii, V. V. - Interaction between hydrogen atoms and molecules of certain compounds in a rarefied hydrogen flame. p. 577.
- Kuchinskaya, I. U. I., Vedeneyev, V. I. - Kinetics and mechanism of ethane thermal decomposition. Part 1. p. 585.
- Shevel'kova, L. V., and others. - Mechanism of the formation of some secondary products in the high-temperature cracking of ethane. p. 592.
- Bachchenko, A. I., and others. - π -C complexes of radicals and their role in the kinetics of liquid-phase radical reactions. p. 601.
- Antonovskii, V. I., and others. - Mechanism of the liquid-phase oxidation of cumene studied by the inhibition method. Part 1: Chain initiation. p. 607.
- Zakharov, I. U. A., Savitsky, G. G. - Effect of admixtures on certain physicochemical properties of silver oxalate. Part 5: Photolysis, radiolysis, and thermal decomposition of silver oxalate. p. 611.
- Ishideva, M. M., Rozovskii, A. I., Bashkirtov, A. N. - Kinetics of reactions involving solids. Part 4: Oxidation of iron by water. p. 619.
- Pat'khal, G. B., Mshchenko, I. U. A., Kazanskii, V. B. - Nature of radiation-induced surface defects in irradiated silica gel. Part 1: Mechanism of hydrogen adsorption. p. 625.
- Fomin, O. K., Tikhonov, M. V., Tunitskii, N. N. - Surface ionization of toluene on oxidized molybdenum. p. 634.
- Shchukin, E. D. - Certain problems involved in the physicochemical theory of the stability of finely dispersed porous materials. Catalysis and sorbents. p. 641.
- Matveev, K. I., and others. - o-Quinone chelates containing Cu(II) and Fe(III) ions as hydroxylating and oxidizing agents. Organic catalysts. Part 76: Catalytic activity of o-quinones. IX. p. 651.
- Sokol'skaya, A. M., Sokol'skii, D. V. - Electrochemical methods of studying the mechanism of catalytic hydrogenation in solutions. p. 658.
- Fayblov, M. I., Koshel', G. N. - Kinetics and mechanism of the liquid-phase oxidation of methanol to methacrylic acid. p. 666.
- Istomirskii, K. B., Filippov, A. P. - Kinetics of molybdenum (VI)-catalyzed reaction of α -naphthylamine oxidation with bromate. p. 674.
- Tolstopyatova, A. A., Balandina, A. A., IuTsi-tsiun' - Kinetic parameters of dehydrogenation and dehydrogenation of isopropyl alcohol and dehydrogenation of tetralin on praseodymium oxide. p. 682.
- Vlasenko, V. M., Iuzefovich, G. E., Rusov, M. T. - Kinetics of carbon monoxide hydrogenation on a nickel catalyst. p. 686.
- Popov, V. I., Roginskii, S. Z. - Oxidation of hydrogen on platinum. p. 695.
- Mikhailova, I. L., Sazonova, I. S., Ketov, N. P. - Oxidation of carbon monoxide on titanium dioxide and its solid solutions with tungsten and iron oxides. p. 704.
- Karasev, A. N., and others. - Study of adsorption processes by means of Mossbauer effect. p. 710.
- Siling, M. I., Gal'shtein, A. I. - Use of adsorption methods in studying catalysts for vapor-phase synthesis of vinyl acetate. p. 717.

- Kupchanov, S.C. - Effect of electron energies and other conditions of ionization in an ion source on the mass spectra of carbon tetrachloride and methane. p. 725.
- Kazakov, V.P., Frenburg, A.M., Peshechetski, B.I. - Kinetics of oxidation-reduction reactions involving an $AuCl_4$ ion. p. 728.
- Rufov, I.U.N., Markova, Z.A. - Formation of metallic nickel in the thermal decomposition of nickel carbonate. p. 731.
- Boldyrev, V.V., Savinsev, I.U.P., Komarov, V.F. - Effect of water vapor pressure on the rate of growth of nuclei in the thermal decomposition of ammonium perchlorate. p. 732.
- Spitsyn, V.I., Mikhailenko, I.E., Petrova, O.M. - Catalytic dehydration of some alcohols over radioactive magnesium sulfate. p. 735.
- Buzuglyi, V.D., Dmitrieva, V.N., Skvortsova, L.V. - Use of polarographic technique in studying the reaction of aniline with benzaldehyde and its derivatives. p. 737.
- Pis'man, I.I., Kas'yanov, V.V., Dalin, M.A. - Production of α -butylenes by dehydration of n-butyl alcohol on aluminum oxide. p. 741.
- Buissan, N.R., Kogan, S.B., Davydova, Z.A. - Effect of sodium on the properties of a platinum-alumina catalyst. p. 744.
- Trolov, V.M., Radzhabli, E.K., Roginskii, S.Z. - Catalytic properties of silicon. Dehydrogenation of formic acid. p. 747.
- Vorotilina, Z.I., Lachinov, S.S. - Self-inhibiting effect of ammonia on its synthesis under high pressure. p. 749.
- Topchikova, K.V., Stetsenko, V.I.A. - New catalytic properties of yttrium oxide. p. 751.
- Basov, L.L., Solontsin, I.U.P. - Photodesorption and photoabsorption of oxygen on zinc oxide. Analysis of products. p. 752.
- Egebaev, S.Kh., and others. - Distribution of promoters in ion catalysts for ammonia synthesis. p. 754.
- Borozhin, V.G., Kruglikova, V.S., Shibaeva, V.E. - Chromatographic method of studying the kinetics of chemical reactions in the steady-state phase. p. 756.
- Zhantolat, B.P., Tur'ian, I.A. - Polarographic study of the kinetics and equilibrium of the reaction of formaldehyde with amino acids. Part 2. p. 761.
- Fomin, O.K., Tikhonov, M.V. - Nature of oxides responsible for the ionization of organic vapors on oxidized molybdenum. p. 764.
- Kul'kova, N.V., Levchenko, L.P. - Adsorption of oxygen on gold. p. 765.
- Boldyrev, V.V., and others. - Effect of additions of organic compounds with conjugated bonds on the rate of thermal decomposition of solids. p. 766.
- All-Union Conference on Catalysts for the Hydrogenation of Fats, Sugars, and Furfural. p. 767.
- All-Union Conference on Chemical Reactors. p. 769.
- LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA.** Vestis. Kimijas serija. Izvestija Akademii nauk Latvijas SSR. Serija khimicheskaja [ACADEMY OF SCIENCES OF THE LATVIAN S.S.R. Bulletin. Chemical Series]. Riga, no. 2, 1964.
- REFERATIVNYI ZHURNAL. KHIMIIA [JOURNAL OF ABSTRACTS. CHEMISTRY].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Aug. 1965.
- TEORETICHESKIA I EKSPERIMENTAL'NAIA KHIMIIA**
- Ishimskii, K.B. - Complexes with charge transfer in a homogeneous catalyst. p. 343.
- Petrov, I.S., Shatenshtein, A.I. - Mechanism of the solution of a sodium ion with some others during the formation of anion radicals. p. 347.
- Shatenshtein, A.I., Gvozdeva, E.A. - Acidity of organic sulfides. p. 352.
- Zhilina, L.P., Mishchenko, K.P. - Thermochemistry of nonaqueous electrolytic solutions. Part 4. Integral heats of dissolution of picric acid in acetone and sodium picrate in methanol as a function of concentration at 10 and 25° C. p. 361.
- Danilchuk, G.S., and others. - Impurity centers of nitrogen in synthetic diamond powders. p. 367.
- Birukov, I.P., Voronkov, M.G., Sfin, I.A. - Study of the induction effect of substituents in organochlorosilanes by the nuclear quadrupole resonance method. p. 373.
- Maschenko, A.I., and others. - Appearance of electron paramagnetic resonance signals during the low-temperature adsorption of various gases on reduced rutile (TiO_2). p. 381.
- Samitov, I.U., Il'garimov, D. - Study of intermolecular reactions in free radical solutions of 2, 2, 6, 6-tetramethylpiperidine nitrite oxide by the nuclear magnetic resonance method. p. 387.
- Burashkina, T.N., Chulko, A.A. - Free radicals in gamma-irradiated organic silica olefins. p. 394.
- Teitikh, V.A., Chulko, A.A., Nelmark, I.E. - Infrared spectroscopic method for studying the reaction of γ -aminopropyl and -cyanohydril-ethoxysilanes with aerosol surface. p. 409.
- Bladushki, G.G., Kupilevich, V.A. - Theory of the self-consistent field for the state with open shells. p. 406.
- Demchenko, N.P. - Mechanism of cyclodehydration of cyclohexyl acid anhydrides. p. 408.
- Kogan, G.A., and others. - Infrared spectra of functionally substituted linear polyenes. p. 411.
- Kogan, G.A., and others. - Certain features of electronic absorption spectra of functional substituted linear polyenes. p. 414.
- Kruglak, I.U.A. - "KHUKKEL" program for the computation of the structure and properties of molecules. p. 419.
- Bibliography. p. 419.**
- *UKRAINSKII KHIMICHESKII ZHURNAL [UKRAINIAN CHEMICAL JOURNAL].** Issued by Akademiia nauk URSR [Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 31, no. 8, 1965.
- Table of contents translated.
- Pionikovskaya, M.A., and others. - Properties of magnesium-substituted zeolite. p. 761.
- Pamfilov, A.V., Bondar, P.G., Mazurek, I.A.S. - Effect of modification on the work function of an electron from titanium dioxide. p. 768.
- Il'asov, I.I., Bergman, A.G. - Continuous solid solutions and their decomposition on the melting diagram of a reciprocal system consisting of potassium and cesium chlorides and iodides. p. 772.
- Orlov, A.I., Vinnov, I.V., Buzhenko, L.M. - Distribution of hafnium thioxyanates during their extraction with acetophenone. p. 775.
- Emel'yanov, V.B., Tarkovskaya, I.A., Rabanik, S.K. - Exchange sorption of complex ions of heavy metals by active carbon. p. 778.
- Dellonarskii, I.U.K., Panov, C.V., Gorodyskii, A.V. - Measurement of silver exchange currents in fused salts. p. 782.
- Troshchik, V.I.U., Ovcharenko, F.D., Slepysheva, G.K. - Stabilization of heavy clay suspensions. p. 785.
- Nazarenko, G.D. - Thermodynamic properties of NO dissolved in molten borax. p. 790.
- Il'asov, I.I., and others. - Thermodynamic reduction of oxides by sodium hydride melt. p. 793.
- Gratianskii, N.N. - Electrolytic nickel-molybdenum alloys. p. 799.
- Novikova, N.S., Fal'ko, I.K. - Properties of some oxide refractories.
- Abitova, L.L. - Fusibility of the NO_2 , NO . p. 810.
- Nazarenko, G.D. - Solubility in molten borax. p. 813.
- Subbotinskii, V.S., Birukov, I.P. - In the system pentavalent chlorides. p. 817.
- Tsava, Z.V. - Polarographic determination of monoethanolamine - formaldehyde. p. 817.
- Mal'tseva, N.I., Nurmukhamedov, N.I. - Effect of conjugation in molecules derivatives of certain aromatic color and fluorescence. p. 823.
- others. - Kinetics of styrene in the presence of some terpolymers. p. 834.
- Vizovetskaya, L.M. - Extraction of vanadium from sulfate solutions.
- Podolenskii, A.A., Chikizova, T.G., Lialitov, I.U.S. - Coulometric determination of nitroso compounds. p. 844.
- Panasuk, V.D., Kotova, L.B. - Complex formation of zinc and cadmium with serine in aqueous solutions. p. 846.
- Moshkin, M.K., Savlin, V.S., Dement'eva, S.D. - Interaction of kaolin with aluminate solutions. p. 851.
- Afanas'ev, A.S., Khvedchenko, G.M. - Relation between the potential of scale-coated steel and the decrease in weight of the sample in acid etching. Part 2. Behavior of steel during cathodic and anodic polarization. p. 856.
- Ivanov, A.I., Litvinova, T.I. - Effect of fluoride additions on the process of sintering of barite charges. p. 863.
- Galkin, V.S., Meshkova, I.S., Kudina, O.K. - Cathodic polarization during the separation of lead from titanate complex electrolytes. p. 866.
- Dellonarskii, I.U.K., Kikimo, V.S. - Determination of zero points of tantalum and beryllium in fused salts. p. 872.
- Markov, B.F., Podava, B.P. - Oxidation-reduction potential of the system $Ti^{2+} - Ti^{3+}$ in a $KBr + NaBr$ melt. p. 873.
- VSESOIUZNOE KHIMICHESKOE ODRSHCHISTVO IME NI D.I. MENDELEEVA.** Zhurnal [D.I. MENDEL'EV ALL-UNION CHEMICAL SOCIETY. Journal]. Moscow, vol. 10, no. 3, 1965.
- Table of contents translated.
- Naumenko, P.V. - Role of chemistry in the food industry. p. 247.
- Pokrovskii, A.A. - Some problems of the biochemistry of nutrition. p. 247.
- Krivonozh, V.L. - Problems of biochemistry in the food industry. p. 257.
- Koz'mina, N.P. - Biochemical methods for the improvement of bread quality. p. 255.
- Kulaginich, M.I. - Nature of bread staling and the preservation of its freshness. p. 277.
- Rogachev, V.I. - Chemical methods for the preservation of food. p. 287.
- Rzhikhin, V.P. - Edible oils and fats and the new methods for improving their keeping quality during storage. p. 295.
- D'achenko, P.F. - Milk proteins and their nutritional value. p. 301.
- Koz'mina, E.P. - Increasing the nutritional value of goats and "synthetic" goats. p. 307.
- Stepchikov, K.A., Gotsolov, A.D. - Protein hydrolyzates and synthetic amino acids as additional sources of food proteins. p. 312.
- Gul', V.E. - Polymeric materials for food packaging. p. 318.
- New developments in science and technology. p. 325.
- Vol'kovich, S.I. - "D.I. Mendeleev" gold medal. p. 331.
- Results of the contest organized by the All-Union Mendeleev Chemical Society for the best research work conducted in 1964. p. 332.
- Voichek, A.M. - All-Union scientific and technical conference on the automatic protection of chemical apparatus. p. 340.
- Agladze, R.I. - Seminar on the electrochemistry of manganese and related metals. p. 344.
- Bibliography. p. 346.
- Scientific research papers of the members of the All-Union Mendeleev Chemical Society (brief information). p. 350.
- *VYSOKOMOLEKULARNYE SOEDINENIYA [MACRO-MOLECULAR COMPOUNDS].** Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, no. 5, May 1965.
- Table of contents translated:
- Kuznetsov, E.V., Fal'zullina, D.A., Tarkova, R.P. - Reaction of aromatic disulfoxides with trimethylol-tetramethylol-containing organophosphorus compounds. p. 701.
- Angert, L.G., Mikhailova, G.N., Kuz'minskii, A.S. - Role of oxygen in the process of mechanical softening of rubber. p. 765.
- Savlinov, V.N., Sokolov, L.B. - Certain features of the synthesis of aromatic polyamides in solvents of the amide type. p. 772.
- Bolarchuk, I.U.M., and others. - Study of hydrogen bonding in urethane elastomers by infrared spectroscopy. p. 778.
- Vladimirov, T.V., and others. - Synthesis of keto group-containing cellulose esters. p. 780.
- Predvaditel'ev, D.A., Nifant'ov, E.E., Rogovin, Z.A. - Synthesis of cellulose hypophosphites. p. 791.
- Kholodova, I.U.D., Sharpatyi, V.A., Zakatova, N.V. - Radiation cross-linking of polyelectrolytes based on polyacrylamide. p. 795.
- Gromov, V.K., and others. - Diffusion of paraffin saturated carboxylate polymers. p. 802.
- Pudovik, A.N., Iglaeva, E.A. - Polycondensation of 4-chlorobutene-2-phosphoryl dichloride with dihydroxy compounds. p. 808.

- Bogdanov, M. N., and others. - Synthesis and properties of polyamides with carboxyl groups. p. 813.
- TSvetkov, V. N., Gishchenko, A. E. - Photoelastic effect in swollen polydimethylsiloxane. p. 817.
- Katsobashvili, V. I. A., Safonenko, E. D., Afanas'ev, I. B. - Determination of the chain transfer constants in the reaction of ethylene with ethyl iodide. p. 823.
- Pogosian, G. M., Zhamkochian, G. A., Malsalan, S. G. - Polymerization of amides of 4-vinylbenzoic acid. p. 828.
- Avilova, T. P., Bykov, V. T., Zolotarev, G. I. A. - Synthesis of a chloro derivative of poly (aluminum organosiloxane). p. 831.
- Popov, I. A., and others. - Synthesis and properties of polymeric Schiff bases. p. 835.
- Azimov, Z. A., Mitsengendler, S. P., Korotkov, A. A. - Catalytic polymerization of tert-butyl methacrylate and the study of the structure of the polymers obtained. p. 843.
- Vainshteyn, E. E., and others. - X-ray absorption K-spectra of copper in some chelate (inner-complex) molecules and polymers. p. 847.
- Frankel, S. I. A., and others. - Polarization-optical method of studying structural phase transitions in solutions and films. p. 854.
- Gusevnikov, L. E., and others. - Relation between the molecular weight and intrinsic viscosity of some organosilicon polymers. p. 860.
- Mikhailov, G. P., Burshteyn, L. L. - Influence of the structure of the monomer unit on the effective dipole moment and intramolecular interaction of some stereoregular polymers. p. 866.
- Mikhailov, G. P., Burshteyn, L. L., Krasner, L. V. - Determination of microfibrility in stereoregular polytert-butyl methacrylate by the dielectric method. p. 870.
- Bogdanov, M. N., Mandosova, E. M., Kravchenko, T. V. - Synthesis and properties of some fiber-forming polyamides with sulfamide groups. p. 873.
- Baranovskaya, L. A., and others. - Hydrodynamic properties of macromolecules of graft polymers of butyl methacrylate and methyl methacrylate with styrene. p. 878.
- Baranovskaya, L. A., and others. - Optical properties of macromolecules of graft polymers of butyl methacrylate and methyl methacrylate with styrene. p. 884.
- Karas', L. I. A., Tagel, A. A. - Mechanical properties of space-polyurethanes prepared on the basis of polydiethylene succinate, polydiethylene adipate, and polydiethylene sebacinate. p. 891.
- Novosilovskaya, M. A., TSvetkova, V. I., Chirkov, N. M. - Termination and initiation reactions of the polymeric chain in the polymerization of propylene on $VC1_3 - Al(iso-C_2H_5)_3$. p. 898.
- Cherkasov, A. N., Klein, S. I., Elizer, I. U. E. - Determination of the diffusion coefficients of separate components diffusing in a mixture. Part I: Theoretical part. p. 902.
- Karvitskaya, A. I., Kudriavtsov, G. I., Konkin, A. A. - Copolycondensation of α -amino acids with linear oligomers of polyethylene terephthalate. p. 908.
- Nekrasova, T. N., and others. - Potentiometric titration of polyacrylic, polymethacrylic, and poly-L-glutamic acids. p. 913.
- Radtzig, V. A., Butagin, P. I. U. - Electron paramagnetic resonance spectra of free radicals in the products of degradation of solid oxygen-containing polymers. p. 922.
- Rode, V. V., and others. - Thermal and oxidative degradation of polyalkylenephosphinic acids and their salts. p. 928.
- Gal'perin, E. L., Strugalin, I. U. V., Mienik, M. P. - Crystalline structure of polyvinylidene fluoride. p. 933.
- Yu Obolj, Umlat, M., Nowakowska, M. - Effect of the conditions of preparation of a catalytic system on the valency of vanadium in a complex and the copolymerization of ethylene with propylene. p. 939.
- Gurzev, V. V., Malinskii, I. U. M. - Accounting for the factor of anisotropy in the study of strain thermodynamics in oriented fibers. p. 945.
- Fokina, T. A., and others. - Some telomers of styrene obtained in the presence of Friedel-Crafts catalysts. p. 948.
- Sergei Nikolaevich Ushakov, p. 948.
- Krylov, O. V., and others. - Mechanism of heterogeneous-catalytic polymerization of ethylene oxide. p. 984.
- Bartenev, G. M., El'kin, A. I. - Friction properties of polymers in the anisotropic stage of sliding friction at high and low temperatures. p. 992.
- Konstantinovskaya, M. B., and others. - Structure of a copolymer of butyl methacrylate and methacrylic acid. p. 998.
- Andrianov, K. A., Lavygin, I. A. - Formation of 8-hydroxyquinoline-11-anodimethylsiloxane space-network polymers. p. 1000.
- Predvoditel, D. A., Nifant'ev, E. E., Rogovin, Z. A. - Synthesis of cellulose phosphites by the reaction of monomethyl phosphite with cellulose and their subsequent transformations. p. 1005.
- Rozenberg, B. A., and others. - Copolymerization of tetrahydrofuran with α -oxides. p. 1010.
- D'Yakov, E. B., Okhrimenko, I. S., Efremov, I. F. - Effect of nonectocytols on the association of polymethacrylic acid and polyvinyl alcohol in solutions. p. 1016.
- Nifant'ev, L. E., Malikov, S. M., Tuseev, A. P. - Synthesis of polyphosphamides containing residues of β , β -diaminodithiol disulfide (cystamine). p. 1020.
- Arbuzova, I. A., and others. - Synthesis of reactive polymers. Reactions of addition of the epoxide ring to the carboxyl group in polymers. p. 1024.
- Novak, I. I., Valtogren', V. I. - Effect of orientation on the crystallinity of capron. p. 1027.
- Khomakov, K. P., and others. - Synthesis of dialdehyde and dicarboxylic dextrans. p. 1030.
- Khomakov, K. P., and others. - Synthesis of polymers in medicinal compounds based on dextran derivatives. p. 1035.
- Zhurkov, S. N., and others. - Electron microscope study of the orientation of polyacrylamides. p. 1011.
- Lekosvskii, A. M., Regel', V. R. - Longevity of polymers under the effect of cyclic loading. p. 1045.
- Rozenberg, B. A., and others. - Molecular weight distribution of polytetramethylene oxide. p. 1051.
- Makova, L. V., and others. - Determination of the cohesive energy density of some synthetic rubbers with functional groups. p. 1056.
- Freidlin, G. N., Solov, K. A. - Kinetics of the polymerization of vinyl ester of N,N-dialkylglutamine. p. 1060.
- Alifova, L. V., Kropachev, V. A. - Copolymerization of three-, four-, and five-membered oxides under the effect of organoaluminum compounds. p. 1065.
- Marchenko, G. N., Rogov, N. G. - Catalytic activity of functional groups in the formation of polyurethanes. p. 1070.
- Dmitov, F. I., Eruslimskii, B. L. - Kinetics of copolymerization of ethylene with vinyl chloride. p. 1075.
- Chernabai, A. V., Shepoleva, A. I., Zubkova, V. S. - Spectrophotometric study of N-vinylcarbazole and methyl methacrylate copolymers. p. 1080.
- Bellin, S. I., Pokatilo, N. A., Dolgoplosk, B. A. - Reaction of a free methyl radical with organosilicon compounds. p. 1085.
- Rokachevskaya, O. P., Volokhina, A. V., Kudriavtsev, G. I. - Copolymerization of hexahydro-p-aminobenzonic acid lactam with ϵ -caprolactam and ϵ -ornitholactam. p. 1092.
- TSvetkov, V. N., and others. - Sedimentation, diffusion, and viscosity of poly- γ -benzyl L-glutamate in solutions. p. 1098.
- TSvetkov, V. N., and others. - Flow birefringence and optical anisotropy of poly- γ -benzyl L-glutamate molecules in solution. p. 1104.
- TSvetkov, V. N., and others. - Birefringence in an electric field, rotatory diffusion, and dipole moments of poly- γ -benzyl glutamate molecules in solution. p. 1111.
- Apukhina, N. P., and others. - Crystallization of urethane elastomers. p. 1117.
- Gruber, V. N., and others. - Increasing the heat resistance of siloxane elastomers by the introduction of orienting agents. p. 1122.
- Gavril Petrovich Mikhailov; on his sixtieth birthday. p. 1124.
- Vol. 7, no. 8, Aug. 1965.
- Table of contents translated:
- Movsum-Zade, A. A., and others. - Plasticization of cellulose triacetate by grafting polybutyl acrylate into it. p. 1297.
- Raspopov, L. N., and others. - Mechanical properties of polyethylene produced with the aid of soluble catalytic systems. p. 1301.
- Slovokhova, N. A., and others. - Action of fast electrons as affecting the structure of polyvinyl chloride. p. 1306.
- Usmanov, Kh. U., Tillaev, R. S., Musaev, U. N. - Density of graft copolymers obtained by irradiation. p. 1310.
- Shaposhnikova, S. T., Pogosov, I. U. L., Alkhodzhaev, B. I. - Synthesis and properties of cellulose furates. p. 1314.
- Karpov, V. L., and others. - Characteristics of radiation-induced cross-linking of some polyolefins and their copolymers in an N_2O medium. p. 1319.
- Kargin, V. A., Goeve, I. I. - Electron microscope study of the deformation of fibrillar dendrites of polypropylene. p. 1323.
- Korotkov, A. A., Azimov, Z. A., Mitsengendler, S. P. - Butyllithium-catalyzed polymerization of phenyl methacrylate. p. 1326.
- Litmanovich, A. D., Shteyn, V. I. A. - Study of the polydispersity of copolymers by the fractionation method. p. 1332.
- Rozitsova, E. V., Chubanova, G. V. - Degradation of rubbers by means of stable radicals. p. 1335.
- Zhurkov, S. N., Regel', V. R., Sanfirova, T. P. - Effect of active additions on the time-temperature dependence of polymer strength. p. 1339.
- Zubov, P. I., Smirnova, A. M., Rafkova, T. V. - Production of organic dispersions of chlorinated polyvinyl chloride. p. 1344.
- Eliseeva, V. I., Zubov, P. I., Malofeevskaya, V. F. - Growth of particles in the synthesis of acrylate latexes. p. 1348.
- Muramova, R. S., and others. - Synthesis and polycondensation of cis- and trans-isomers of γ -(β -aminocyclohexyl) butyric acid. p. 1354.
- Eskin, V. E., Nestorov, A. E. - Critical opalescence in solutions of polybutyl methacrylate in isopropyl alcohol and polydimethylsiloxane in tetralin. p. 1358.
- Razuvayev, G. A., and others. - Some regularities in the polymerization of vinyl chloride in the presence of Ziegler-type catalysts. p. 1361.
- Kipichnikov, P. A., and others. - Sulfur-containing polyphosphites and their use as stabilizers of butadiene-styrene rubbers. p. 1368.
- Kristal'nyi, E. V., Medvedev, S. S. - γ -Ray-induced polymerization of isobutylene in the presence of ZnO and Al_2O_3 . p. 1373.
- Kristal'nyi, E. V., Medvedev, S. S. - γ -Ray-induced polymerization of isobutylene in the presence of solids. p. 1377.
- Rozovskaya, N. N., Shelnker, A. P., Abkin, A. D. - Radiation-induced polymerization of methyl acrylate in ethyl chloride solution. p. 1383.
- Rozovskaya, N. N., Shelnker, A. P., Abkin, A. D. - Radiation polymerization of methyl acrylate in triethylamine and tetrahydrofuran solution. p. 1388.
- Tutovskii, I. A., and others. - Structures of cyclic isomers of polyisoprenes. p. 1394.
- Gusevnikov, L. E., and others. - Synthesis and polymerization of some polyfunctional vinylsiloxanes. p. 1400.
- Korshak, V. V., Vinogradova, S. V., Toplakov, M. M. - Exchange interaction between polyarylates and polyamides in a high-boiling solvent medium. p. 1408.
- Abagdin, G. V., Butagin, P. I. U. - Mechanical degradation of polysaccharides studied by the electron paramagnetic resonance method. p. 1410.
- Zavlin, P. M., Razumovskii, V. V. - Homopolycondensation of di-(β -aminoethyl ester) of methylphosphonic acid. p. 1415.
- Korolev, G. V., Smirnov, B. R., Makhonina, L. I. - Use of the electron paramagnetic resonance method for determining the rate constant of chain growth in the polymerization of polyacrylic esters. p. 1417.
- Kurilenko, A. I., Talatenco, O. F., Kapov, V. L. - Determination of the dynamic elasticity constants of polymeric materials in the field of action of γ -rays and fast electrons. p. 1422.
- Savin, A. G., and others. - Diffusion of gases in polymers being subjected to ionizing radiation. p. 1427.
- Lipatov, I. S. - Dielectric relaxation in the surface layers of polymethyl methacrylate and polystyrene. p. 1430.
- Timofeeva, G. I., Pavlova, S. A., Korshak, V. V. - Effect of the method of preparation and the size of the side chain radical on the molecular weight distribution of polyarylates. p. 1436.
- Aliev, A. D., Krentsel', B. A., Fedotova, T. N. - Asymmetrical polymerization of trans-1-phenyl-1,3-butadiene. p. 1442.
- Sheln, T. I., Kudriavtsev, G. I., Lubomirova, G. P. - Synthesis and study of a fiber-forming polyamide based on 1,4-cyclohexane-bis-methylamine. p. 1447.
- Rode, V. V., and others. - Thermal degradation of polyalkylenephosphinic acids and their salts. p. 1452.
- Andrianov, K. A., Fromberg, M. B., Belkina, T. M. - Synthesis of trifunctional cross-linked type ester acids and polyesters of regular space-network structure. p. 1456.
- Morin, B. P., Kriazhev, I. U. G., Rogovin, Z. A. - New method of introducing peroxide groups into polymer macromolecules used for the synthesis of graft copolymers. p. 1463.
- TSvetkov, V. N. - Flow birefringence of solutions of semiflexible chain molecules. p. 1468.
- Lipatova, T. I., Siderko, V. M. - "Living" polymers of dimethacrylate-bis(triethylene glycol) phthalate. p. 1476.
- Andrianov, K. A., and others. - Polymerization of cyclic phenylsilsequioxanes. p. 1477.

*ZHURNAL ANALITICHESKOI KHIMII [JOURNAL OF ANALYTICAL CHEMISTRY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 20, no. 7, 1965.

Table of contents translated

- Rusanov, A.K., Batova, N.T. - Effect of chemical reactions on the intensity of spectral lines when powders are injected into the arc plasma. p. 769.
- Zavoronova, G.I. - Systematic error of the results of the spectral determination as dependent on the amount of chemical reagents. p. 774.
- Garkina, T.V., Igoshin, A.M. - Photometric determination of microgram amounts of copper, zinc, and lead in natural waters using xylenol orange. p. 778.
- Moisceva, L.M., Kuznetsova, N.M. - Comparison of chemical methods for the determination of beryllium. p. 782.
- Mukhin, Z.S., Kotova, G.D., Kuz'micheva, R.A. - Determination of lead, copper, bismuth, and cadmium in heat-resistant alloys. p. 785.
- Pometun, F.A. - Distillation of niobium and tantalum during their spectrographic determination. p. 789.
- Kish, P., Golovet, M.I. - Spectrophotometric study of the reaction of gallium with xylenol orange. p. 794.
- Saplinovich, V.I., Usatenko, I.U. - Amperometric titration of molybdenum with 8-mercaptoquinoline. p. 800.
- Spirin, L.K., Stromberg, A.G. - Effect of various factors on the anodic peak of uranium in the method of amalgam polarography with storage. p. 807.
- Dumantas, I.I., Vasinskene, E.I. - Photometric determination of microquantities of iron by means of pyrocatechol violet. p. 811.
- Deglarova, O.F., Ostrowskaya, M.F. - Spectral analysis of high-purity lead. p. 814.
- Kudin, I.I. - Thermodynamic principles of the determination of gases in metals by the method of vacuum fusion. p. 822.
- Ishchukova, A.I., Nikolaeva, N.A., Shikhanov, E.V. - Simultaneous determination of carbon, hydrogen, and thallium in complex compounds. p. 832.
- Terent'ev, A.P., Novikova, I.S. - Sodium borohydride in organic analysis. Report No. 1. Determination of carbonyl group in organic materials. p. 836.
- Bezugiyl, V.D., Ponomarev, I.U. - Polarographic determination of organic compounds being reduced in the far negative region of potentials. Report No. 1. Polarography of alkyl-substituted styrenes. p. 842.
- Ivanovskii, M.I.S., Rudenko, B.A. - Gas-liquid chromatography of stereoisomers of unsaturated compounds. p. 848.
- Buzlanova, M.M., Stepanovskaya, V.F. - Separation of some ketones by thin-layer chromatography. p. 859.
- Rashkes, I.A.V. - Intensity of bands of carbonyl groups in the infrared spectra of solid samples of some steroid compounds. p. 863.
- Tabak, S., Grandberg, I.I., Kost, A.N. - Chromatography of pyrazoles on acetylated paper. p. 869.
- Ishtevich, I.K. - Present state of the methods for the determination of pesticides, a survey. p. 875.
- Sambova, A.S., Sverdlovskaya, S.A., Shipitsyn, S.A. - Determination of zinc in soils by the spectral method. p. 889.
- Kopylova, V.P., Nazarchuk, T.N. - Determination of free aluminum in aluminides. p. 892.
- Sharif Abdel' Khamid, Almarin, I.P., Puzdenkova, I.V. - Extraction separation of gallium from indium using cupferron. p. 894.
- Gusev, S.I., Katova, L.A. - Determination of cerium in magnesium alloys by means of a vanadium (II) salt. p. 896.
- Sidorov, R.I., Khavostikova, A.A. - Treatment of the INZ-600 solid carrier for gas-liquid chromatography. p. 898.
- Nikolayev, N.S. - "Methods of analysis of binary and ternary" by I.U.V. Morachevskii, and P.M. Petrova, p. 900.
- New books. p. 900.
- Dmitriyeva, V.N. - All-Union Conference on the use of polarography in the chemistry and technology of polymers. p. 902.

Vol. 20, no. 9, 1965.

Table of contents translated:

- Tumanov, A.A., Efimov, V.S. - Analytical potentiometries of salicylal-2-aminophenol. Report 1. Behavior of salicylal-2-aminophenol in aqueous solutions. p. 889.
- Dilum, I.A., Pavlova, N.N. - Study of the systems metal - anion - basic dye - organic solvent. Forms of a dye-reagent and their optical characteristics. p. 903.
- Barkovskii, V.T., Khartova, L.N. - Differential potentiometry with the use of photoelectric colorimeters with optical compensation. p. 911.
- Lavrent'ev, I.U.G., Vainshteyn, E.E. - Effect of the instrumental error on the precision and sensitivity of X-ray spectral analysis. Report 1. p. 918.

- Kaplan, B.I.A., Sorokovskaya, I.A., Shirina, O.A. - Pulse polarographic method of analysis of solutions at high temperature. p. 927.
- Belen'kii, B.G., Orestova, V.A., Eizner, I.U.E. - For higher accuracy of the quantitative analysis by means of a gas chromatograph with argon ionization detector. p. 934.
- Tikhonov, V.N. - Photometric determination of aluminum using xylenol orange. p. 941.
- Savvin, S.D., Bortsova, V.A., Malkina, E.N. - Photometric determination of niobium in zirconium-base alloys by means of sulfochlorophenol C. p. 947.
- Bogovina, V.I., Novak, V.P., Mal'tsev, V.F. - Determination of molybdenum and tungsten in high-alloy steels and alloys from the same batch by amperometric titration. p. 951.
- Rad'ko, V.A., Iakimets, E.M., Vladimirtsev, I.F. - Indicators for the complexometric determination of manganese. p. 955.
- Riuchkov, D.I., Lazareva, V.I., Lazarev, A.I. - Determination of chromium by the kinetic method. p. 960.
- Dastugin, N.N., Nemtsova, Zh.I. - 2,7-Dichloro-chromotropic acid as a reagent for the photometric determination of iron (III). Spectrophotometric study of complex formation. p. 966.
- Busev, A.I., Van, D.Kh. - β -Mercaptohydroxybenzoic acid and its esters as reagents for the extraction-photometric determination of palladium. p. 976.
- Alekseev, R.L., Tokarskaya, E.A. - Attachment for gas analysis to the FEK-type photoelectric (photometric determination in gaseous mixtures of water vapor, sulfur dioxide, and acetylene). p. 983.
- Luchina, B.M., Terent'ev, A.P., Gradskaia, N.A. - Organometallic analysis by the "wet oxidation" method. Report 9. Analysis of silicon-titanium-phosphorus organic compounds. p. 990.
- Tikhonova, G.P., Belen'kaya, S.L. - Polarographic behavior of 5-bromo-3,6-dinitrophenol. p. 994.
- Bezugiyl, V.D., Beilis, I.U. - Polarographic determination of aromatic amines using a rotating platinum anode. p. 1000.
- Andonov, I.M., Norkov, I.U.D. - Analysis of hydroxy aldehydes by gas-liquid chromatography. p. 1007.
- Emelin, E.A., Svistunova, G.P. - Analysis of isophthaloyl chloride. p. 1010.
- Diamin, E.I., Plavetskaya, L.I. - Spectral determination of indium and germanium in concentrates of the lead-zinc industry. p. 1014.
- Pavlova, N.N., Salapin, V.G. - Conditions for the extraction of butyltinamine C fluoroborate. p. 1018.
- Tanayeva, I.V., Dzhabishvili, N.A. - Determination of phosphate ions and their separation for the determination of alkaline metals. p. 1019.
- Gorbenko-Germanov, D.S., Zenkova, R.A. - Photometric microdetermination of glassium, rubidium, cesium, and univalent thallium as dipicryl aminates. p. 1020.
- Fedotkin, V.F., and others - Composition of impurities in straight-chain paraffinic hydrocarbons having analytical application. p. 1022.
- Peshkova, V.M. - "Analytical chemistry of zirconium and hafnium" by S.V. Elinson, K.I. Petr. p. 1025.
- Zolotov, I.U.A. - "Solvent extraction of metal chelates" by J. Stary. p. 1026.
- Alekhaev, P.I., Vinogradov, O.L. - On his seventieth birthday. p. 1027.
- Deikov, I.U.M., Petrakhin, O.M. - Moscow Seminar on Analytical Chemistry. p. 1029.

*ZHURNAL FIZICHESKOI KHIMII [JOURNAL OF PHYSICAL CHEMISTRY]. Published by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 39, no. 8, Aug. 1965.

Table of contents translated:

- Vol'kenshtein, F.F. - Electronic factor in catalysis and the problem of selecting catalysts. p. 1809.
- Maizhevich, I.U.S. - Quantum aspects of catalysis. p. 1817.
- Zhidkova, Z.V. - Spectral study of ion-exchange sorption of dyes on resins. Part 2. p. 1823.
- Khomutov, N.E. - Nature of the transfer coefficients and their relation to the structure of a denser part of the electric double layer. p. 1828.
- Oshchepin, B.N. - Relationship between the activation energy of self-diffusion and the temperature of melting. p. 1835.
- Speranskaya, P.F., Mambeeva, D.B. - Nature of polarographic waves of some polyvalent ions. Electrolysis of hexavalent tungsten solutions without superimposed external E.M.F. p. 1837.
- Gulinskii, A.A. - Unsteady anode processes on a gold electrode. p. 1843.
- Levskii, L.K. - Method of thermal analytical studies. p. 1840.
- Papulov, I.U.G. - Properties and structure of large molecules. Part 3. p. 1848.
- Iaryn-Agaev, N.L., Tselinok, T.A. - Thermodynamic properties of fused salt mixtures. Part 4. p. 1856.

- Bakhman, N.N. - Diffusion conditions of reaction in the presence of condensed reaction products. p. 1860.
- Zarakhani, N.G., Budylna, V.V., Vinnik, V.V. - Kinetics and mechanism of reaction of ethylene in concentrated sulfuric acid media. Part 1. p. 1863.
- Kolesnikov, I.M., Panchenkov, G.M., Tat'yana, V.A. - Mechanism underlying the action of aluminosilicate catalysts. p. 1869.
- Popereka, M.I.A., Avramenko, V.I. - Interrelationships of cadmium electrodeposition and composition of the alternating current. p. 1871.
- Shatalov, A.I.A., Marshakov, I.K., Kabanov, S.A. - Thermodynamic corrosion of metals. Part 3. p. 1880.
- Klish, I.U.E., Lialikov, K.S., Kalinich, I.U. - Photochemical reaction in the solid state of polyvinyl cinnamate. p. 1886.
- Serafimov, L.A., Timofeev, V.S., Lysenko, V.S. - Liquid-vapor phase equilibrium in mixtures present in the products of reaction from propylene at atmospheric pressure. p. 1891.
- Karlakin, A.V., Chumilina, L.A. - Analysis of solutions of dyes and pigments in the polyamide. p. 1895.
- Ivanchev, S.S., Iuzhenko, A.I., Anisimov, V.S. - Spectral study of symmetrical diacyl compounds. p. 1900.
- Mal'tsev, A.N., Eremin, E.N., Ivanov, V.V. - Effect of the specific energy and concentration on the kinetics of formation of nitrites in a discharge. p. 1908.
- Kluchkovskii, I.U.V., Kurina, V.S., and others - L.M. - Vibrational spectra and electronic potential energy of tetrafluoroethylene, chloroethylene, tetrafluoroethylene, ethylene, 1,1-difluoroethylene, 1,1,1-trichloroethylene, cis- and trans-1,2-dichloroethylene, and their deuterium-substituted derivatives. p. 1912.
- Plalov, I.U.I.A., Zhitomirskii, A.H. - Reference numbers as a method of the analytical analysis of binary systems. p. 1916.
- Bunov, L.M., Iakunin, A.A. - Effect of rate on the formation of a strongly saturated solid solution in Al-Mn and V alloys. p. 1927.
- Bessonov, A.F., Ust'iantsev, V.M. - Some oxide systems by means of a future plant for the simultaneous measurement of electric resistance and the X-ray diffraction analysis of samples. p. 1932.
- Efremov, G.D., Plankova, R.O. - Volume correlations in the system ammonia-hexamethylenediamine - ammonia. p. 1937.
- Zadorozhnyi, B.A. - Intramolecular interaction in excited states of some o-dibromobenzene isomers. p. 1944.
- Luski, A.E. - Certain regularities in the electronic-vibrational spectra of substituted hydrocarbons. Part 1. p. 1949.
- Sorokin, I.U.A., Pechetetskii, S.A. - Sensitization of ammonia radiolysis in the phase under the effect of fast electrons. p. 1954.
- Muchalov, K.N., Khaim, V.S. - Mechanism of ferrioxalate ion reduction by cobalt ions. p. 1960.
- Privalova, L.G., Mal'nev, V.K., Drobinskii, V.I. - Effect of oxidation products of a decrease in activity of radicals in chain propagation. p. 1965.
- Susarev, M.P., Marinkov, A.H. - Distribution equations for the distribution of components in a system between coexisting solution and vapor. Part 1. p. 1970.
- Prosenko, P.I., Borodinskaya, I.A. - Kinetics and mechanism of the thermal decomposition of calcium, strontium, and barium nitrates. p. 1978.
- Safonov, M.S. - Contribution to the thermodynamics under conditions of chain formation. p. 1982.
- Trokhimets, A.I., Markayich, G.V. - Change in ethane on aluminum catalyst. p. 1987.
- Spezhakova, G.E., Tunkilskii, R.H., Lysenko, M.V. - Ionic-molecular reaction in a hydrogen-helium mixture. p. 1991.
- Narinskii, G.B. - Unit for studying the equilibrium in the system oxygen-glass. p. 2009.
- Zolotarev, E.K., Iudin, A.M. - Heat of the entropy of ions in aqueous solutions and their viscosity. p. 2016.
- Storonkin, A.V., Lagunov, M.I., Petrov, R.V. - Aqueous solutions of ethylene glycol. Part 2. p. 2017.
- Tshiman, A.I., Kuznetsov, V.S. - Dissolution of less steels at the potentials of passivation. p. 2020.
- Blagov, I.U.P., Orlovskii, N.A. - Phase equilibrium of the system propylene-gas. p. 2022.

- Kholpanov, L. P. - Theory of electrolysis in oxidation-reduction systems in the presence of simultaneously occurring chemical and concentration polarization. Part 2. p. 2024.
- Bocharov, D. A., Stankevich, I. V. - Molecular diagrams of really alternating systems. p. 2028.
- Kolganov, V. A. - Comparative estimate of the experimental values of the effectiveness of aerosol precipitation on an isolated cylinder. p. 2030.
- Mukhachev, G. A., Borodin, V. A., Poskonin, I. U. A. - Temperature dependence of the thermal and calorimetric parameters of mercury. p. 2033.
- Leshchinskaya, Z. I., Averbukh, M. A., Selivanova, N. M. - Solubility and thermodynamic properties of barium and strontium selenites. p. 2036.
- Kalnovskaya, L. A. - Photochemical oxidation-reduction reaction of safranine T with oxalates. p. 2038.
- Silbing, M. I., Gel'fstein, A. I. - Role of carbon as a carrier in some cases of catalysis. p. 647.
- Vigdorovich, V. N., Marychev, V. V. - Some particular cases of zone recrystallization. p. 2043.
- Kostukov, V. N., Gumbator, D. O. - Evaluation of the potential retarding the internal rotation in molecules of some chloroalkanes based on the measurements of heat capacity at low temperatures. p. 2046.
- L'vova, A. S., Feodos'ev, N. N. - Enthalpy of formation of calcium, strontium, and barium metal-halides. p. 2049.
- Vasilev, I. A., Vvedenskiy, A. A. - Thermodynamic functions of acetaldehyde and deuterioacetaldehyde. p. 2052.
- Khonskiy, D. I., Shigorin, D. N. - Mechanism of the generation of radicals during the oxidation of systems with intermolecular hydrogen bonding. p. 2053.
- Abadzhov, S. S., Shevchuk, V. U. - Determination of the kinetic parameters of reactions from experiments under autothermal conditions. p. 2055.
- Davydov, V. I., Kiselev, A. V., Kuznetsov, B. V. - Spectral and energy phenomena of the interaction of a hydroxyl group with molecules of various electronic structure. p. 2058.
- Kitaev, G. A., Uritskaya, A. A., Mokuishin, S. G. - Conditions for the chemical precipitation of thin cadmium sulfide films on a solid surface. p. 2065.
- Novitskiy, S. P., Gnusin, N. P., Shkaruba, A. M. - Automatic reading of polarization curves in the coordinates of a potential - current density logarithm. p. 2067.
- Voiob'ev, A. F., Monastkova, A. S., Skuratov, S. M. - Calorimeter of a massive design for measuring the enthalpy of reactions between solid and gaseous substances. p. 2080.
- Larin, I. K., Tal'roze, V. L. - Methods and apparatus for studying the effect of electric field on radiolysis of gases. p. 2071.
- Kolobkov, V. S. - Possibility of using particular features of physical properties as a criterion for hydrogen bonds. p. 2073.
- Ivashkin, A. E. - Once more about criteria for the presence of hydrogen bonds. p. 2074.
- Tel'noi, V. I., Rabinovich, I. B. - Heats of formation of tetramethyl and tetraethyl compounds of elements of the fourth basic group of a periodic system. p. 2076.
- Tarasov, V. V., Iunitskiy, G. A. - Theory of the heat capacity of chain link and laminated structures. p. 2077.
- Verhey, A. A., and others. - Nature of conductance of the solid electrolyte O_2 $ThO_2 + 0.15 La_2O_3$. p. 2080.
- 6. MATHEMATICS**
- AKADEMIYA NAUK GRUZINSKOI SSR, Tbilisi, Vychislitel'nyi tsentr. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Computation Center, Transactions]. Tbilisi, vol. 5(1), 1965.
- Table of contents translated.
- Valdman, N. N. - Characteristic functionals for random sequences. p. 5.
- Georgobiani, D. A. - Basis for a limiting process in the theory of storage. p. 43.
- Kandelaki, N. P. - Limit theorem in a Hilbert space. p. 46.
- Nadaraya, E. A. - Nonparametric estimates of a regression curve. p. 56.
- Shalashvili, A. D. - A class of absolutely continuous nonlinear transformations of Gaussian measures. p. 69.
- Chantladze, T. L. - Stochastic differential equations in Hilbert space. p. 106.
- Chantladze, T. L. - Sufficient conditions for the differentiability of measures corresponding to Markov processes with values from Hilbert space. p. 125.
- *AKADEMIYA NAUK SSSR, Izvestiya. Seriya matematicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Mathematical Series]. Moscow, vol. 29, no. 4, 1965.
- Table of contents translated.
- Leont'ev, A. F. - A functional equation. p. 725.
- Simonenko, I. B. - New general method for studying linear operator equations of the type of singular integral equations. p. 757.
- Shin, M. G. - Linear differential equations with randomly perturbed parameters. p. 783.
- Vladimirov, V. S. - Problem of the linear adjunction of holomorphic functions of several complex variables. p. 807.
- Zhelezin, G. M., Sigalov, A. G. - Spectrum of the energy operator for atoms with stationary nuclei on subspaces corresponding to irreducible representations of a group of permutations. p. 835.
- Nosov, V. R. - Mixed problem for a hyperbolic equation in a normal cylinder. p. 861.
- Mustafin, D. S. - Classification of arithmetic functions. p. 877.
- Aienisyn, I. U. E. - Conformal mappings of a multiply connected region onto multivalued surfaces with straight slits. p. 887.
- Vinogradov, A. I. - The density hypothesis for Dirichlet L-series. p. 903.
- Karatsuba, A. A. - Systems of congruences. p. 935.
- Khelemskiy, A. I. A. - Annihilator extensions of commutative Banach algebras. p. 945.
- Mamedov, R. G. - Classes of saturation of linear operators in an L_p ($-\infty, \infty$) space. p. 957.
- AKADEMIYA NAUK SSSR, Matematicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Mathematical Institute, Transactions]. Moscow, vol. 72, 1961. Problemy konstruktivnogo napravleniya v matematike [Problems affecting constructive mathematics], no. 3.
- Table of contents translated.
- Maslov, S. I. U. - Some properties of E. L. Post's apparatus of canonical computations. p. 5.
- Maslov, S. I. U. - E. L. Post's 'tag' problem. p. 57.
- Tselin, G. S. - A method of presentation of the theory of algorithms and denumerable sets. p. 60.
- Zaslavskiy, I. D. - Graph-schemes with a memory. p. 99.
- Voinov, N. N. - A constructive propositional calculus with strong negation. p. 195.
- Idelson, A. V. - Calculi of constructive logic with subordinate variables. p. 228.
- Zaslavskiy, I. D., Tselin, G. S. - Generalizations of the principle of constructive selection. p. 344.
- Shanin, N. A. - Constructive interpretation of supporting formulae. Part 1. p. 318.
- Mints, G. E. - Predicate and operator variants in the construction of theories of constructive mathematics. p. 393.
- Oreykov, V. P. - Constructive mappings of a circle into itself. p. 437.
- Oreykov, V. P. - Some aspects of the theory of polynomials with constructive real coefficients. p. 482.
- Cislenko, A. O. - Some algorithmic problems related to arithmetical operations on duplexes. p. 488.
- Silsenko, A. O. - Example of a nonseparable but not continuous constructive operator in a metric space. p. 524.
- Silsenko, A. O. - Constructive nonseparable spaces. p. 533.
- Tselin, G. S. - Three theorems on constructive functions. p. 537.
- Vol. 84, 1965. Numerical methods and inequalities in functional spaces.
- Table of contents translated.
- Kublanovskaya, V. N. - Algorithm for calculating the eigenvalues of positively defined matrices. p. 5.
- Iakovlev, M. N. - Some methods for solving nonlinear equations. p. 8.
- Vlasova, Z. A. - Convergence of the difference method for a one-dimensional variational problem of the S. N. Bernstein type. p. 41.
- Vlasova, Z. A., Rybakov, I. U. V. - Numerical implementation of the method of differences for a nonlinear one-dimensional variational problem. p. 50.
- Kubanskaya, A. P. - Example of using Galerkin's method in solving a problem with a boundary layer. p. 60.
- Dovbysh, L. N. - Stability of Ritz's method for problems in the spectral theory of operators. p. 78.
- Il'in, V. P. - Some properties of classes of differentiable functions defined in a certain region. p. 93.
- Il'in, V. P. - Inequalities between the norms of partial derivatives of functions of several variables. p. 144.
- AKADEMIYA NAUK SSSR, Sibirskoe otdeleniye, Institut matematiki, Vychislitel'nyye sistemy [ACADEMY OF SCIENCES OF THE U.S.S.R., Siberian Department, Institute of Mathematics, Computer Systems]. Novosibirsk, no. 17, 1965.
- Table of contents translated.
- Evreinov, E. V. - Universal computer systems with partially varying structure. p. 3.
- Kosarev, I. U. G. - Methodology for solving problems using universal computers. p. 61.
- Evreinov, E. V., Kosarev, I. U. G. - Matrix language for the description of parallel algorithms. p. 100.
- Evreinov, E. V., Kosarev, I. U. G. - Solution of problems using universal computer systems. p. 108.
- AKADEMIYA NAUK SSSR, Vychislitel'nyi tsentr, Soobshcheniya po vychislitel'noi tekhnike [ACADEMY OF SCIENCES OF THE U.S.S.R. Computation Center, Reports on Computer Technology]. Moscow, no. 4, 1965. Input and treatment of special data in computers.
- Table of contents translated.
- Fleier, A. S., Trinin-Donskoi, V. N. - Input of some speech data signs in the BESM-2 digital computer. p. 3.
- Trinin-Donskoi, V. N., Fleier, A. S., Kulagin, M. V. - Algorithm for the recognition of a limited number of sound images. p. 8.
- Vasil'ev, G. V. - Experimental system for coding and feeding electrical signals into a computer. p. 38.
- Dellakov-Bodina, V. I. - Law of the stimulation of a neurone. p. 53.
- CHEKOSLOVATSKII MATEMATICHESKII ZHURNAL [CZECHOSLOVAK MATHEMATICAL JOURNAL]. Issued by Matematicheskiy Institut Československé akademie nauk [Institute of Mathematics of the Czechoslovak Academy of Sciences]. Prague, vol. 15(90), no. 3, 1965.
- DIFFERENTIAL'NYE URAVNENIYA [DIFFERENTIAL EQUATIONS]. Minsk, vol. 1, no. 8, Aug. 1965.
- Table of contents translated.
- Variability of solutions to nonlinear differential equations. p. 995.
- Filimonov, I. U. M. - Problem involving the optimal control of a mathematical pendulum. p. 1007.
- Akhmetkhaliev, T. - Relation between the stability of stochastic difference and differential systems. p. 1016.
- Li Min Sit. - Integral inequalities for a system of Volterra equations whose right member represents a discontinuous operator. p. 1027.
- Bilnov, I. N. - Analytic representation of the solution to a system of linear differential equations with almost periodic coefficients depending on the parameter. p. 1032.
- Kharazov, D. F. - Estimated eigenvalues of certain operators with discrete spectra. p. 1054.
- Volkov, G. A. - Solution of the Dirichlet problem using the method of refinements by differences of high order. Part 2. p. 1070.
- Iakovlev, G. N. - Dirichlet problem for a region with a non-Lipschitz boundary. p. 1085.
- Ivanov, V. V. - Use of the theory of boundary value problems and singular integral equations in the theory of automatic control. p. 1099.
- Sankov, S. G. - A general singular equation in an exceptional case. p. 1108.
- DISKRETNII ANALIZ [DISCRETE ANALYSIS]. Issued by Institut matematiki Sibirskogo otdeleniya Akademii nauk SSSR [Institute of Mathematics of the Siberian Department of the Academy of Sciences of the U.S.S.R.]. Novosibirsk, no. 3, 1964.
- Table of contents translated.
- Vetokhovskiy, F. I. A. - Coverings and minimum coverings of a graph by a system of neighborhoods of its vertices. p. 3.
- Vizing, V. G. - Determination of the chromatic class of a p-graph. p. 25.
- Glagolev, V. V. - Lower bound of a dead-end disjunctive normal forms for almost all functions of algebra of logic. p. 31.
- Zhuravlov, I. U. I. - Determining the complexity of algorithms for the derivation of minimal disjunctive normal forms for algebra of logic functions. p. 41.
- Makarov, S. V. - Upper bound of the mean length of a disjunctive normal form. p. 78.
- MATEMATICHESKII SBORNIK [MATHEMATICAL REVIEW]. Issued by Akademiya nauk SSSR and Moskovskoe matematicheskoe obshchestvo [Academy of Sciences of the U.S.S.R. and the Moscow Mathematical Society]. Moscow, vol. 67(109), no. 3, July 1965.
- Table of contents translated.
- Tamrazov, P. M. - Some extremum problems in the theory of one-sheeted conformal mappings. p. 328.
- Bylov, B. I. - Reduction of a system of linear equations to the diagonal type. p. 338.
- Lai Dyk Tshin' - Number of divisors in angles. p. 345.
- Sel'nov, D. M. - Generally soluble groups and their group rings. p. 366.
- Shemelkov, L. A. - D-structure of finite groups. p. 384.
- Gavrilov, V. I. - Distribution of the values of functions which are meromorphic in a unit circle and are not normal functions. p. 408.
- Pollakov, V. Z. - Regularity and product of proximity spaces. p. 428.
- Vladimirov, D. A. - Invariant measures on Boolean algebras. p. 440.

- Bludnikov, A. P. - Groups determined by identities with one isolated element. p. 401.
 Mordukhai, A. G. - Systems with small quantities, and proximity spaces. p. 471.

Vol. 68 (110), no. 1, Sep. 1965.

- Table of contents translated.
 Shutoy, E. G. - Potential reducibility of elements in some semigroups of transformations. p. 3.
 Mel'nik, V. I. - Tauberian theorem on "high indices" for Boole's method. p. 17.
 Krasichkov, I. F. - Completeness in the spaces of complex-valued functions described by the behavior of the modulus. p. 26.
 Lunts, G. L. - Dirichlet series with a nonmeasurable sequence of complex indices. p. 58.
 Fishman, K. M. - Equivalence of certain linear operators in an analytic space. p. 63.
 Pisareva, N. M. - Spaces of affine connectivity admitting of a transitive group of motions having a totally reducible stationary linear subgroup. p. 75.
 Fedoriuk, M. V. - Asymptotic behavior of the discrete spectrum of the operator $w^{(n)}(\lambda) = -p(x)w(x)$. p. 81.
 Potapov, M. K. - Equivalence of the conditions for convergence of Fourier series. p. 111.
 Poljanova, M. F. - Summation of the product of two series using Voronoi's methods. p. 128.
 Arshon, I. S., Pak, M. A. - Uniqueness theorem for harmonic functions in a half space. p. 148.

MATEMATIKA V SHKOLE [MATHEMATICS IN SCHOOLS]. Issued by Ministerstvo prosveshcheniya RSFSR [Ministry of Education of the R. S. F. S. R.] Moscow, no. 5, Sep.-Oct. 1965.

MOSCOW, UNIVERSITET, Vestnik, Seriya 1. Matematika, mekhanika [UNIVERSITY, Review, Series 1 Mathematics, Mechanics]. Vol. 20, no. 3, May-June 1965.

- Table of contents translated:
 Smolinov, O. G. - Locally convex topologies in X -space and certain other spaces of finite functions. p. 5.
 Rodionov, A. M. - Asymptotic methods as applied to boundary value problems with delayed arguments in the case of small delays. p. 12.
 Rudyk, B. M. - Theory of partition of mixed Abelian groups. p. 20.
 Kaz'min, I. U. A. - On a problem of Gel'fand-Ibragimov. Part 1. p. 28.
 Aliev, F. S. - Solvability of integrodifferential equations in generalized functions. p. 37.
 Molchanov, S. A. - Harmonic functions for certain discontinuous Markov processes. p. 44.
 Pasynkov, B. A. - Spectral combinatorial characteristics of the dimension $\dim X$ of the bicompactum X . p. 47.
 Porper, F. O. - Stabilization of the solution to a parabolic equation containing the first derivative of an unknown function. p. 51.
 Morozov, V. M. - Problem of the stability of the vertical spinning of a top on a plane with allowance for viscous resistance. p. 59.
 Rakhimov, Kh. Kh. - Motion of an infinite wall in a viscous incompressible fluid with slip. p. 65.
 Solomeshch, M. A. - An inequality in the theory of plastic flow. p. 70.
 Van Dan'-Chzhi (Wang Tan-chih) - Inertial systems without stabilizers. p. 77.
 Panov, I. U. A., Khudjakov, G. E. - Base pressure behind axisymmetrical blunt-nosed bodies in slight elongation in supersonic flow. p. 83.

Vol. 20, no. 4, July-Aug. 1965.

- Table of contents translated.
 Pasynkov, B. A. - V. Gurovich's formula. p. 3.
 Gorin, E. A. - Solvability of the Cauchy problem in a class of quadratically integrable functions for systems of partial differential equations with constant coefficients. p. 6.
 Morozov, V. A. - Use of the regularization method in solving an incorrect problem. p. 13.
 Iskender, A. A. - Universal algebras with relations and amalgams. p. 22.
 Gavrilov, V. I. - Ambiguous points of meromorphic functions. p. 29.
 Ulanov, P. I. - Series in Haar's system. p. 35.
 Kloss, B. M., Milyshov, V. A. - Determining the complexity of some classes of functions. p. 44.
 Khaikin, G. B. - Nets of the first type. p. 52.
 Leonova, E. A. - Flow and solidification of a metal in contact with a moving solid body. p. 57.
 Kosmodem'ianski, A. A. - Maximum duration of the horizontal flight of a jet-propelled airplane. p. 67.
 Koltunov, M. A. - Effect of loading conditions on the mechanical characteristics, creep, and relaxation of glass-reinforced plastics. p. 78.
 Borlaevsk, I. T., Batakin, B. M. - Mechanism for switching a system over to a reserve control channel. p. 80.
 Mazumdar, Dzh. - Approximate solution of some problems concerning the banding of plates of arbitrary shape. p. 84.

Vol. 20, no. 5, Sep.-Oct. 1965.

- Table of contents translated.
 Gavrilov, V. I. - Boundary behavior of functions meromorphic in a unit circle. p. 3.
 Four series from functions of even or odd extensions. p. 11.
 Nikolaev, E. G. - A geometrical property of the roots of polynomials. p. 23.
 Nazarov, P. Zh. - Maximum state of 3-networks of curves in space. p. 27.
 Gorin, E. A. - Moduli of the reversible elements of a nonnormalized algebra. p. 35.
 Isosif Ivanovich Somov, on the 150th anniversary of his birth. p. 40.
 Netrebko, V. P. - Photoelectric method for determining the optical differences of the motion and angles of inclination of the principal stresses. p. 45.
 Kosmodem'ianski, A. A. - Determining the lifting force of a wing profile in the case of instantaneous changes in the angle of attack. p. 52.
 Poruchikov, V. B. - Diffraction of a pulse pressure wave by a disc. p. 61.
 Zhechevskii, S. I. - A problem of motion control. p. 68.
 Lomakin, V. A. - Static problem in the theory of elasticity for random loads. p. 73.
 Bittolov, I. - Regions of dynamic instability of a nearly canonical system. p. 80.
 Rakhimov, Kh. Kh. - Some cases of reducing a system of equations covering gas flow to ordinary equations. p. 85.
 Bogatskiy, V. N. - General integrals of the equations of motion of a solid body around a fixed point. p. 92.

MOSCOW, UNIVERSITET, Vychislitel'nyi tsentr. Sbornik rabot [UNIVERSITY, Computation Center, Papers]. Vol. 4, 1965.

- Table of contents translated.
 Frank, I. S., Chudov, L. A. - Difference methods for solving an incorrect Cauchy problem. p. 3.
 Rostakov, G. S. - Interaction of two-dimensional jumps in one direction. p. 28.
 Pirumov, U. G., Suvorova, V. N. - Example of calculating a supersonic gas flow near the symmetry axis. p. 52.
 Dubinskaya, N. V., Gzhellak, R. A., Igonina, I. V. - Calculation of a Prandtl-Meyer flow with allowance for nonequilibrium air dissociation. p. 62.
 Sergiyenko, A. A., Sandomirskaya, I. D. - Profiling the supersonic portion of an axisymmetric nozzle for optimum thrust. p. 77.
 Pchelkina, L. V., Solodkin, V. K. - Correction for the effect of the boundary layer on the flow in nozzles with a discontinuity in the generatrix. p. 103.
 Kivlev, A. L. - Proof of the instability of Couette flow between rotating cylinders. p. 108.
 Bulatskaya, T. I. - Laminar boundary layer in a multicomponent gaseous mixture on the lateral surface of a body. p. 115.
 Paskonov, V. M., Rabin'kina, N. V. - Use of the difference method in solving equations describing an unsteady boundary layer. p. 130.
 Vasil'ev, F. P., Budak, B. M., Uspenskiy, A. B. - Difference methods for solving certain Stefan type boundary value problems. p. 139.
 Volkenskaya, T. G., Pavlov, B. M., Popov, N. N. - Calculating the compression process in a piston type unit. p. 184.
 Pavlov, B. M., Popov, N. N. - Numerical solution of the Lagrangian problem for a channel of variable cross section. p. 211.
 Ershov, V. A., Starova, E. N. - One-dimensional unsteady flow of a real gas. p. 221.
 Morozova, T. K., Sadkov, I. U. N., Chudov, L. A. - Difference method for solving the problem of gas flow in a tube of variable cross section. p. 232.
 Muminov, M. M. - Calculation of gas flow in a tube by the method of substituting for the gas a system of particles with a finite number of degrees of freedom. p. 242.
 Kuznetsov, N. N. - Calculating a flow in a semi-bounded cylindrical tube with a piston. p. 255.
 Pavlenko, A. I., Pavlov, B. M. - Transverse impact against a flexible nonlinearly-elastic membrane with a round hole. p. 261.
 Pavlenko, A. I., Pavlov, B. M., Rostakov, G. S. - Calculation of the forces engendered in an infinite filament by transverse impacts at variable speed. p. 287.

MOSKOVSKOE MATEMATICHESKOE OBSHCHESTVO. Trudy [MOSCOW MATHEMATICAL SOCIETY, Transactions]. Moscow, vol. 13, 1965.

- Table of contents translated.
 Arkhangelskiy, A. V. - Bicomplex sets and the topology of spaces. p. 3.
 Vinberg, E. B. - Structure of a group of automorphisms of a homogeneous convex cone. p. 64.
 Kats, G. I. - Ring groups and the duality principle. Part 2. p. 84.
 Hushkevich, A. A., Krylov, N. V. - Random Markov sets. p. 114.
 Pasynkov, B. A. - Partial topological products. p. 136.

- Rozenkup, I. Z. - Some problems in the homological theory of polynomial ideals and its applications. p. 217.
 Shu, M. G. - Markov processes whose output probabilities are majorized by the analogous probabilities for Wiener processes. p. 324.

***PRIKLADNAIA MATEMATIKA I MEKHANIKA [APPLIED MATHEMATICS AND MECHANICS].** Issued by Otdelenie tekhnicheskikh nauk Akademii nauk SSSR [Technological Sciences Department of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 20, no. 4, July-Aug. 1965.

- Table of contents translated.
 Baumin, A. A., Kulikovskii, A. G., Lobanova, L. F. - Linearized problem concerning supersonic flow at the inlet to the electrode zone of a magnetohydrodynamic channel. p. 611.
 Chernyi, G. G. - Wings in a hypersonic flow. p. 616.
 Ladyzhenskii, M. D. - Strong interaction between the boundary layer and an inviscid flow on a triangular wing. p. 635.
 Matveeva, N. S., Sychev, V. V. - Theory of strong interaction between the boundary layer and an inviscid hypersonic flow. p. 644.
 Nikolaev, I. U. M. - Solution for a plane shock wave crossing the slightly curved interface of two media. p. 658.
 Srelenskiy, L. N. - Waves of finite amplitude engendered in a liquid by its source. p. 667.
 Zvolinskii, N. V., Rykov, G. V. - Reflection of a plane plastic wave and its reflection at the interface of two half-spaces. p. 672.
 Novozhilov, V. V. - Plastic disintegration. p. 681.
 Vorovich, I. I. - General representations of the solutions to equations in the theory of multilayer anisotropic shells. p. 690.
 Goldveizer, A. L. - Errors in the classical linear theory of shells and the possibilities for making it more accurate. p. 701.
 Kolesnikov, S. M., Stankovskiy, K. P. - Nonstationary adiabatic centrally symmetrical motions of matter in the general theory of relativity. p. 710.
 Roitenberg, I. A. N. - Adjustable gyrohorizontal compass. p. 723.
 Koshlakov, V. N. - Use of the Rodrigues-Hamilton and Cayley-Klein parameters in applied gyroscopy theory. p. 729.
 Kharlamova, E. I. - Some solutions to the problem of the motion of a body around a fixed point. p. 733.
 Stavrakova, N. E. - Hamilton-Ostrogradskii principle for systems with unilateral linkage. p. 736.
 Mindlin, I. M., Pozharitskiy, G. K. - Stability of stationary motions of a heavy solid of revolution on an absolutely rough horizontal plane. p. 742.
 Troitskiy, V. A. - Optimization of the motion of a two-stage rocket. p. 745.
 Valeev, K. G. - A case of integrability of the equations describing the perturbed motion of a satellite. p. 751.
 Gusein-Zade, M. I. - Necessary and sufficient conditions for the existence of fading solutions to the two-dimensional problem in the theory of elasticity for a half-strip. p. 752.
 Movchan, A. A. - Problem concerning the stability of a pipe containing a flowing liquid. p. 769.
 Pal'mov, V. A. - Thin shells under the action of a broad-band random load. p. 763.
 Kolos, A. V. - Methods for refining the classical theory of flexure and distortion of plates. p. 771.
 Aleksandrov, V. M., Smetanin, B. I. - Equilibrium cracks in a layer of minor thickness. p. 782.
 Kalandina, A. I. - Stresses in a piecewise homogeneous medium. p. 785.
 Skobeev, A. M. - Formulation of the problem concerning an impact caused by a viscoplastic rod. p. 789.
 Kon'kov, V. L. - Solution of problems in the theory of sounding measurements of the parameters of semiconductor films. p. 792.
 Cherepnov, G. P. - Theory of the normal combustion rate. p. 794.
 Shifrin, E. G. - Flows of an ideal gas with a sonic surface coinciding with the characteristic one. p. 798.
 Biriuk, R. V. - Spectrum of small disturbances of plane-parallel Couette flow. p. 798.

REFERATIVNYI ZHURNAL MATEMATIKA [JOURNAL OF ABSTRACTS: MATHEMATICS]. Issued by Institut matematicheskoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 9, Sep. 1965.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i

Moscow, no. 3(46), 1965.

- Table of contents translated:
 Avel'sian, G. M. - Approximation of analytic functions with an estimate of the growth of the approximating integral functions. p. 3.

- Bausov, L.I. - Linear summation methods for Fourier series with given rectangular matrices. Part 1. p. 15.
- Vainbeig, M.M., Shagin, I.V. - The Hammerstein operator in Orlicz spaces. Part 2 Topological methods. p. 32.
- Viktorovskii, E.F. - Theory of conical fields of diffractions. p. 38.
- Vinokurov, V.R. - Method of approximation of unbounded solutions to a system of Volterra-type quasi-linear integral equations. p. 46.
- Gabdulkhaev, B.G. - Direct method for solving integral equations. p. 51.
- Guberman, I.I.A. - Uniform convergence of convex functions in a bounded region. p. 61.
- Drakhlin, M.E. - Some principles of comparison for Riccati differential equations. p. 74.
- Dunduchenko, L.C. - Extremes of certain Stieltjes functionals. p. 78.
- Kim, I.U. TS. - Application of the theory of functions of complex variables in solving problems of control of the motion of an oil-bearing contour. p. 91.
- Koshel'ev, A.I. - Convergence of an approximate method for degenerate elliptic equations. p. 90.
- Kudrashov, S.N. - Some sufficient conditions of the univalence of the solution of an external inverse boundary value problem. p. 105.
- Lai'icheva, L.S. - Limit estimate of the exactness of asymptotic expansions of a certain class of functions. Part 2. p. 111.
- Manevich, I.Z. - Behavior of integral curves of a system of homogeneous differential equations with continuous right-hand parts. p. 117.
- Mozozov, N.F. - Vibration of a prismatic rod under transverse load. p. 121.
- Murillo, L.M. - Polynomial differential equations of the n -th order having solutions asymptotically equal to power functions. p. 128.
- Nemytskii, V.V., Malyshev, I.U.V. - Weak structural stability of homogeneous systems. p. 133.
- Itafal'son, S.Z. - Orthogonal polynomials with a load. p. 146.
- Terent'ev, A.G. - Flow past a slanted plate in a channel according to a scheme with parallel walls. p. 155.
- Tkachenko, I.U.T. - Sets of integral nonnegative numbers not containing an arithmetic progression of length p . p. 160.
- Shutin, B.M. - Atomic semigroups and involutory semigroups. p. 172.

No. 4(47), 1965.

- Table of contents translated.
- Anisimov, A.G. - A highly accurate diff method. p. 3.
- Derkovich, L.M. - Factorization of ordinary linear differential operators transformable into operators with constant coefficients. p. 8.
- Bredikhina, E.A. - Approximation of almost periodic functions by class G_2 functions. p. 17.
- Velis, E.E. - Some characteristics of bases of absolute convergence, and stability theorems. p. 24.
- Geldel'man, R.M., Varnacheva, N.K. - Introduction to the symplectic theory of straight-line complexes. p. 27.
- Godunova, E.K. - Inequalities with convex functions. p. 45.
- Guberman, I.I.A. - Existence of many solutions to the Dirichlet problem for a Monge-Ampère-type multidimensional equation. p. 54.
- Kostukovich, E.Kl. - Proof of the convergence of the method of planes in solving the first boundary value problem for an elliptic equation with several space variables. p. 61.
- Kulikov, N.K. - Qualitative and quantitative study of solutions to ordinary linear homogeneous differential equations of the second order. p. 78.
- Ladakhin, V.I. - A sequence of continuous integrals. p. 84.
- Murav'ev, P.A. - Application of the α -operational method in solving linear differential equations. p. 91.
- Oglevetskii, I.I., Boltsun, L.G. - A theorem proposed by E. Titchmarsh. p. 100.
- Pelov, A.I. - Some remarks on differential inequalities. p. 104.
- Ponarin, I.A.P. - Hyperbolic lines of a tetrahedron and a pentahedron in Lobachevskii space. p. 113.
- Serebrakova, V.S. - Circular motions of bound Froude pendulums. p. 122.
- Stepenchuk, K.M. - Summation of double series by Hölder's methods. p. 126.
- Spivak, M.A. - Conditions for the decomposability of ratios into direct products. p. 132.
- Teptin, A.L. - On the constancy of solutions to linear difference equations and multipoint difference boundary value problems. p. 140.
- Filippov, V.P. - Some theorems on the nonseparability of B -sets of lower classes. p. 147.

*TEORIJA VEROIATNOSTEI I EE PRIMENENIYA [THEORY OF PROBABILITY AND ITS APPLICATIONS].

Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 10, no. 3, 1965.

- Table of contents translated.
- Boovikov, A.A. - Some limit theorems in queueing theory. Part 2. Multichannel systems. p. 409.
- Dambis, K.E. - Decomposition of continuous submartingales. p. 438.
- Gaposhkin, V.F. - Law of iterated logarithm for Cesàro's and Abel's summation methods. p. 419.
- Chibrikov, D.M. - Study on the asymptotic power of "goodness-of-fit" tests. p. 460.
- Prakhov, I.U.V. - Characterization of a class of distributions by the distribution of certain statistics. p. 479.
- Bol'shev, L.N. - Characterization of the Poisson distribution and its statistical applications. p. 488.
- Malevich, T.L. - Some properties of estimations of the spectrum of a stationary process. p. 500.
- Skorokhod, A.V. - Absolute continuity of infinitely divisible distributions of mean values. p. 510.
- Zolotarev, V.M. - Closeness of the distribution of two sums of independent random variables. p. 519.
- Rogozin, B.A. - Some classes of processes with independent increments. p. 527.
- Shtatland, E.S. - Distribution of the maximum of a process with independent increments. p. 531.
- Shalfer, M.P. - Second moments of the estimate of a spectral function. p. 536.
- Ambartsyan, R.V. - An application of the relation between a Brownian motion and the Dirichlet problem. p. 539.
- Makshov, V.M. - Relation between limit theorems on finite groups and the ergodic theorem for Markov chains with a bistochastic transition matrix. p. 544.
- Bellav, P.I. - Probability of the nonappearance of a given number of s -chains in composite Markov chains. p. 547.
- Oseledets, V.I. - Markov chains, skew products, and ergodic theorems for "general" dynamic systems. p. 551.
- Ivanov, S.A. - Number of iterations in Markov chains. p. 557.
- Maleshevskii, S.G. - Limit theorems for random walks of a special type. p. 560.
- Matveev, R.F. - Asymptotic behavior of a system of linear differential equations with small random coefficients. p. 567.
- Afanasyev, L.G. - Existence of a limit distribution in queueing systems with bounded sojourn time. p. 570.
- Karlashov, G.D., Tavrian, A.N. - An extremum problem in probability theory. p. 579.
- Karlashov, G.D. - Finding a functional relationship between random variables. p. 584.
- Ardin, V.I. - Some extremum problems related to the theory of search. p. 593.
- Chislakov, V.P. - Letter to the editor. p. 597.

VOPROSY VYCHISLITEL'NOI MATEMATIKI I TEKHNIKI [PROBLEMS IN COMPUTER MATHEMATICS AND TECHNOLOGY]. Issued by Institut mekhaniki i vychislitel'noi tsentr Akademiya nauk Uzbekskoi SSR [Institute of Mechanics and the Computation Center of the Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 3, 1964.

- Table of contents translated.
- Gadalog, F., Shirinkutov, T. - Calculation of the effect of local tangential and normal loads on an inhomogeneous plate fastened at the bottom. p. 3.
- Karimovskiy, S. - Some heat conduction methods related to a Bessel type operator. p. 17.
- Santov, I.A.U. - Numerical solution of the problem concerning the propagation of an elastic radially transverse wave. p. 30.
- Saglitov, M.S. - Stability of stationary rotations in certain particular cases involving the motion of a solid body about a fixed point. p. 40.
- Tolok, V.A. - Automation of the computation of arithmetical formulas by means of an electronic computer. p. 57.
- Abdurazakov, V.A. - Some characteristics of calculating the optimum combination of branches of agriculture on cotton-sowing collectives and State-owned farms in Uzbekistan with the aid of an electronic computer. p. 63.
- Kabulov, V.K. - Algorithms to analyze the operation of railroad stations and switch tracks. p. 74.
- Kolotil, P.G., Dzhalilov, D. - Preparing train-sheets by means of an electronic computer. p. 80.
- Sokolov, V.P. - Use of linear programming methods and electronic computers in the operational planning of automotive freight traffic in Tashkent. p. 95.
- Khudabergenov, K. - Optimum planning of railroad stations. p. 100.
- Kamilov, M.M., Gimaliddinov, F.M. - Some aspects of the mathematical modeling of chemical technological processes, and generalized balance equations. p. 111.
- Musayev, R.T., Nizameddinova, M.A. - Mathematical modeling of the chemical process of adsorption using an electronic computer. p. 119.

f. PHYSICS

*AKADEMIYA NAUK SSSR, Izvestiya, Fizika atmosfery i okeana [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Atmospheric and Oceanic Physics]. Moscow, vol. 1, no. 8, Aug. 1965.

- Table of contents translated.
- Boezin, V.M. - Short-range forecasting of the baric and kinematic fields of the atmosphere by the complete system of equations of hydrodynamics. p. 761.
- Novikov, E.A. - High-order correlations in turbulent flow. p. 788.
- Gurvich, A.S., Zubkovskii, S.L. - Measurement of the fourth and sixth correlation moments of the velocity gradient. p. 797.
- Ivanov, V.V., Leonov, V.V. - Light scattering in an optically thick atmosphere with a nonspherical indicatrix. p. 803.
- Baryshev, V.A. - Mesostructure of the integral radiation field of the earth as a planet. p. 815.
- Kostianoi, G.N. - Change in the long-wave radiation field in the atmosphere during winter. p. 823.
- Skatskiy, V.I. - Some results of an experimental study of the water content of cumulus clouds. p. 833.
- Kagan, B.A. - Use of quasi-stationary model of the interaction of the boundary layers of the atmosphere and ocean for calculating the water temperature and currents in the North Atlantic. p. 845.
- Ozmitov, R.V. - Turbulent exchange in a stably stratified ocean. p. 853.
- Cherkosov, L.V. - Problem of the tsunami in a heterogeneous sea. p. 861.
- Karunin, A.B. - Numerical solution of a plane advection equation. p. 872.
- Kazanskii, A.B. - The critical Richardson number. p. 876.
- Georgievskii, I.U.S., Dianov-Klokov, V.I., Tyukhin, G.D. - Logarithmic photometer with compensation of interference from turbulent fluctuations of the light beam. p. 880.
- Kondrat'ev, K.I.A. - Conference on the meteorology of the stratosphere and mesosphere. p. 884.

Vol 1, no. 9, Sep. 1965.

- Table of contents translated.
- Shvets, M.E., Moleshko, V.P. - Numerical algorithm for the solution of a system of equations describing the hydrodynamics of the atmosphere. p. 893.
- Bokorukov, V.I. - Theory of atmospheric ozone transfer in the presence of long waves. p. 897.
- Marchenko, A.S. - Stability of estimates of mathematical expectation and dispersion for connected meteorological time series. p. 906.
- Stewart, R.W., Pond, S. - Measurement of the statistical characteristics of small-scale turbulent motions. p. 914.
- Rabinovich, I.A.S. - Propagation in the atmosphere of heavy foreign matter emitted by a point source. p. 920.
- Kondrat'ev, K.I.A., and others. - Spectral composition of short-wave solar radiation. p. 929.
- Germogenova, T.A., Alkevich, M.S. - Spectral distribution of radiation reflected from the earth in the ozone absorption band of 0.20-0.34 μ . p. 941.
- Gromova, N.V., Feigol'son, E.M. - Leaving radiation in the cloudy atmosphere. p. 952.
- Shifrin, K.S., Perel'man, A.I.A. - Stability of the computation scheme in the case of inversion of light scattering data. p. 964.
- Klitaginetskii, S.A., Volkov, I.U.A. - The roughness parameter of the sea surface and the calculation of turbulent flows of momentum in the atmospheric ground layer. p. 973.
- Goraliy, A.G. - Simultaneous measurement of Lagrangian and Eulerian scales of turbulence in snow. p. 980.
- Novikov, E.A. - Spectrum of pressure fluctuations in turbulent flow. p. 992.
- Manzhula, A.P., Kolonitskii, S.A. - Velocity of settlement of atmospheric particles. p. 994.
- Kostianoi, G.N. - Effect of the reflectivity of the underlying surface on the flux of long-wave radiation in the free atmosphere. p. 998.
- Shved, G.M. - Determining the cross section of inelastic collisions of CO_2 molecules with air molecules from measurements of the thermal radiation in the upper atmosphere. p. 1001.

*AKADEMIYA NAUK SSSR, Izvestiya, Seriya fizicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Physical Series]. Moscow, vol. 20, no. 9, Sep. 1965.

- Table of contents translated.
- Dobrotin, N.A., and others. - Phenomenological picture of the generation of secondary particles in nucleon interactions at energies of hundreds and thousands of Bev. p. 1627.
- Barashnikov, V.S., Eliasev, S.M. - Theoretical analysis of interactions of elementary particles with atomic nuclei in the energy range 10^{10} - 10^{12} ev. p. 1631.

- Barabankov, V. S. - Main characteristics of inelastic interactions at high energies. p. 1634
- Zel'evinskaya, N. G., and others. - Angular distribution of secondary particles in the elementary event of multiple generation at high energies. p. 1610
- Muzina, V. S. - Effect of errors in determining the energy of primary particles on the measurement of various characteristics of nuclear interactions in cosmic rays. p. 1644
- Babarin, H. P., and others. - Characteristics of interactions responsible for strong ionization bursts. p. 1648
- Babarin, H. P., and others. - Use of the ionization calorimeter method in studying the interaction of 10^{12} ev. particles. p. 1632
- Gigorov, I. N., and others. - Some problems and prospects in studying cosmic rays in the energy range of 10^{11} to 10^{13} ev. p. 1656
- Azimov, S. A., Abdullayev, R. S., Polin, I. V. - Study of the inelasticity coefficient in the interaction of particles with carbon nuclei. p. 1664
- Apshev, S. Zh. - Generation of Δ^+ , K_S^0 , and Σ^+ particles in the interaction of cosmic rays and carbon, copper, and lead nuclei. p. 1667
- Vasilevskiy, T. V. - Anomalous transition effect of nuclear spallations caused by high-energy particles. p. 1689
- Matinian, S. G. - Inelastic interactions at superhigh energies. p. 1670
- Bel'skiy, S. A., Romanov, A. M. - Angular dependence of the neutron-producing charged component of cosmic rays. p. 1672
- Vernov, S. N., and others. - Fluctuations in the development of extensive air showers with a fixed total number of charged particles and a fixed total number of muons. p. 1676
- Vernov, S. N., Khicnov, B. A., Kristiansen, G. B. - Structure of the central region of a muon shower at a depth of 10 meters w.e. p. 1682
- Agamozov, V. A., and others. - Fluctuations in the spatial distribution of mesons in extensive air showers. p. 1686
- Vernov, S. N., and others. - Project of a large setup for studying extensive air showers in Yakutsk. p. 1690
- Nymnik, R. A., Shestoporov, V. I. A. - Calculation of certain characteristics of extensive air showers using a model of a heavily fluctuating elementary event of interaction. p. 1693
- Atashkevich, V. B., Fomin, I. A., Kristiansen, G. B. - Calculation of fluctuations in the development of extensive air showers using the Monte-Carlo method. p. 1699
- Kalmykov, N. N., Chistiakov, V. P. - Calculation of fluctuations in the development of cascade showers using Kolmogorov's method. p. 1702
- Sikora, D. I., Shkoda-Ul'yanov, V. A. - Accuracy of the equilibrium photon spectrum at E energies close to E_0 . p. 1705
- Astaf'ev, V. A., Ivanenko, I. P. - Stability of solutions to the inverse problem in cascade theory. p. 1709
- Bakhtadze, A. K., Guzhavin, V. V., Ivanenko, I. P. - Calculation of ionization losses in electromagnetic cascade theory. p. 1714
- Babaev, M. K., and others. - Fluctuations in the number of particles in an electromagnetic shower at an energy of $1 \cdot 10^{11}$ ev. p. 1719
- Dedenko, L. G. - New method for solving a nuclear cascade equation. p. 1722
- Dedenko, L. G. - Dependence of the mean characteristics of an extensive air shower on a model of a model of the nuclear interaction of nucleons. p. 1725
- Antonov, R. A., Smorodin, I. U. A., Tulinov, Z. I. - Dimension of the maximum curve of the altitude effect in extensive air showers. p. 1728
- Gedalin, E. V. - Fluctuations in the cascade theory of showers with allowance for particle scattering. p. 1731
- Kocharov, G. E. - Nuclear reactions in stars and solar neutrinos. p. 1734
- Volkova, L. V., Zatselin, G. T. - Energy spectra of muon and electron neutrinos in the atmosphere. p. 1740
- Kuz'min, V. A. - Neutrino radiation and the thermometry of the sun's interior. p. 1743
- Zheleznykh, I. M., Zagreb, V. A. - Resonance neutrino-electron interaction in cosmic rays. p. 1746
- Kuz'min, V. A., Usanova, R. A. - Angular and energy distributions of μ -mesons generated by neutrinos in the soil. p. 1749
- Rozental', I. L., Shestakov, V. V. - Some remarks on the energy spectra of cosmic rays. p. 1751
- Gerashimova, N. M. - Distribution of "small" ionization bursts caused by high-energy μ -mesons under a thick layer of matter. p. 1754
- Erl'ykin, A. D. - Energy losses by superrelativistic μ -mesons in electromagnetic interactions. p. 1757
- Kashkarov, L. L., and others. - Polarization of μ -mesons in cosmic rays at an altitude of 3800 meters above sea level. p. 1781
- Volkova, L. V., Zatselin, G. T. - Muon generation in the atmosphere as dependent on a positive excess of energy. p. 1785
- Abul'man, F. R., Ismailov, K. A., Oganesian, A. G. - Horizontal μ -meson flux with energies exceeding 700 Bev. p. 1789
- Bobozhyanov, I. B., and others. - Asymmetry of neutrons in the μ -n-reaction on nuclei with various spins under the action of muons in cosmic rays. p. 1772
- Buzilovskaya, G. A., and others. - Radiosonde for measuring X-ray photons in the stratosphere. p. 1774
- Dolotov, V. N., and others. - Some characteristics of spark chambers with a large interelectrode gap and possibilities for their use in cosmic ray physics. p. 1777
- Blokh, I. A. L., and others. - A telescope for recording the general component of the directed intensity of cosmic rays with high statistical accuracy. p. 1781
- Rol'nishvili, N. N., Manditskaya, K. V. - Analysis of experimental data obeying distributions of the type $\exp(-x)$. p. 1784
- Egorov, T. A., and others. - Construction of large scintillation counters with a single photoelectric multiplier. p. 1788
- AKADEMIYA NAUK SSSR, Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln. Kosmicheskie dannye [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Terrestrial Magnetism, the Ionosphere, and Radio Wave Propagation, Cosmic Data]. Moscow, no. 10/12, Oct.-Dec. 1964, publ. 1965
- AKADEMIYA NAUK SSSR, Mezhdunarodnyy komitet po provedeniyu Mezhdunarodnogo geofizicheskogo goda. Seismicheskie issledovaniya [ACADEMY OF SCIENCES OF THE U.S.S.R. International Committee on the International Geophysical Year. Seismic Studies]. Moscow, no. 6, 1965
- Table of contents translated:
- Panasenko, G. D. - Seismic characteristics in the northeastern part of the Baltic Shield. p. 5
- Proskuriakova, T. A. - Sources of microseisms. p. 23
- Ryukov, L. N., Sedov, V. V. - Wave structure of microseisms. p. 31
- Sytsinskiy, A. D. - Hydrometeorological conditions governing the generation of microseisms. p. 37
- Lit'kov, E. M., Tripol'nikov, V. P. - Information on movements in microseismic waves. p. 48
- Gafanov, A. G., and others. - Complex interpretation of the materials on geophysical observations in the Sea of Okhotsk and Kurilo-Kamchatka zone of the Pacific Ocean. p. 60
- Bahvadze, B. K., Mindel, P. Sh. - Crustal structure of the Black Sea basin based on geophysical data. p. 66
- Savvrenskiy, E. F., Ragimov, Sh. S., Aga-zade, S. S. - Determination of the group velocities of surface waves. p. 77
- Bulin, N. K. - Structure of the upper part of the sub-crustal layer in Turkmenia according to data on the exchanged waves of earthquakes. p. 84
- Kostenko, N. P. - Recent tectonics of Africa related to its seismicity. p. 91
- AKADEMIYA NAUK UZBEKSKOI SSR, Tashkent. Izvestiya, Seriya fiziko-matematicheskikh nauk [ACADEMY OF SCIENCES OF THE UZBEK S.S.R. Bulletin. Series in Physical and Mathematical Sciences]. Tashkent, vol. 9, no. 4, 1965
- Table of contents translated:
- Galubov, G. N. - Transformation of locally convex figures. p. 5
- Shakhmurova, N. - Multidimensional theorems. p. 11
- Lavrik, A. I. - Shortened functional equation for Dirichlet L-functions. p. 17
- Shlov, I. I. - Determining the aperiodic stability region when the characteristic equation contains nonlinear parameters. p. 23
- Makhkamov, B. - Filters of a distributive structure. p. 29
- Pavlovskaya, S. A. - Allowing for the slope of a frontal surface in calculating the geopotential field. p. 33
- Stavrodubisev, S. V., Pozharov, S. L., Chernov, I. G. - Double focusing in mass spectrometers using a nonuniform magnetic field. p. 40
- Kotov, I. A., Aronov, D. A. - Differential resistance of tunnel diodes. p. 45
- Saidov, M. S., Kalendareva, Zh. A., Shukurov, I. - Effect of annealing silicon in vapors of phosphorus on the density of linear dislocations. p. 51
- Saidov, M. S., Arifov, A., Usupova, M. - Excess current of a tunnel diode. p. 55
- Azimov, S. A., and others. - Production of slow π^- -mesons in the interaction between 9-Bev, protons and photoemulsion nuclei. p. 59
- Tsorfias, A. A. - Differential equations describing the heat and moisture transfer in a raw cotton layer with forced convection of air. p. 63
- Azimov, S. A., Rasulbulov, M. S. - Azimuthal angular distribution of slow particles produced in nuclear interactions with heavy emulsion nuclei at high energies. p. 79
- Khushchev, B. I. - Dipole-dipole interaction in slow neutron scattering by protons. p. 73
- Stavrodubisev, S. V., and others. - Hydrogen ion source at low gas pressure. p. 79
- Petrov, I. V., Volodina, V. A. - Complex of jet streams over Japan on December 8-10, 1959, p. 89
- ALMA-ATA, KAZAKHISKII NAUCHNO-ISSLEDOVATELSKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [KAZAKH SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE. Transactions]. Leningrad, no. 23, 1965. Problems of synoptic and ice forecasts.
- Table of contents translated
- Baidal, M. Kh. - Nature and prognostic evaluation of a two-year recurrence of hydrometeorological phenomena. p. 3
- Baidal, M. Kh. - Characteristics of the interaction of processes of the atmospheric circulation over the northern hemisphere. p. 9
- Fadeeva, I. P. - Some relations of monthly and seasonal circulation of the atmosphere. p. 14
- Baidal, M. Kh. - Terminal precipitation forecast on the basis of constant-pressure charts. p. 21
- Galubov, R. S. - Some parameters of jet streams in Kazakhstan and instructions for forecasting them. p. 27
- Esenkepova, T. A. - Strong winds over central and eastern Kazakhstan. p. 39
- Belinson, M. M. - Regime and forecast of autumn ice formation on Lake Alakol'. p. 66
- CHEKOSLOVATSKII FIZICHESKII ZHURNAL. CZECHOSLOVAK JOURNAL OF PHYSICS. Issued by Czechoslovak Academy of Sciences [Czechoslovak Academy of Sciences]. Prague, vol. 15, nos. 8-10, 1965
- *FIZIKA TVERDOGO TELA [SOLID STATE PHYSICS] Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, no. 8, Aug. 1965
- Table of contents translated:
- Benleya, T. I., Iartkov, I. N., Polotskiy, I. G. - Effect of structure on Young's modulus and the logarithmic decrement in Al. p. 2273
- Veigunas, E. I., Pukeeva, K. Sh. - Residual dielectric effect of electroluminescence in ZnS-electroluminescence. p. 2278
- Iantziy, A. I. A. - Phase diagram of the system $\text{Cs}_2\text{RbI}_2\text{XNO}_3$. p. 2279
- Ol'khov, O. A. - Allowing for spin-lattice relaxation in deriving the equations describing ferromagnetic resonance. p. 2292
- Shishkin, I. U. G. - Work function of the system BaO-Au. p. 2298
- Iudin, V. M., and others. - Weak ferromagnetism of CaMnO_3 . p. 2292
- Dykman, I. M., Tomelchuk, P. M. - Anisotropic effect of interlevel scattering on the conductivity of semiconductors with an ellipsoidal Fermi surface. p. 2298
- Kudinov, V. A., Molozheva, B. I. A. - Effect of random inhomogeneities on measurements of the thermoelectric and Nernst coefficient in a high magnetic field. p. 2300
- Verner, V. D. - Nature of intermetallic peaks in diffraction of solid solutions with face-centered cubic lattice. p. 2318
- Kaplanskiy, A. A., Soslan, L. G. - Defect formation splitting of the main exciton line in the reflection spectrum of ZnTe. p. 2327
- Nogteva, V. V., Paukov, I. E., Strelkov, P. G. - Heat capacity of metallic arsenic at low temperatures. p. 2330
- Orlov, A. N. - Motion of dislocations with jog. p. 2333
- Petukovskiy, G. A., Kotnikov, I. U. N. - Effect of anisotropic stresses on the frequency spectrum of magnetoelastic fluctuations. p. 2339
- Tifonov, E. D., Polker, K. - Theory of resonant-type Raman scattering of light by impurity crystals. p. 2345
- Ershov, O. A., Gogonov, D. A., Lukratskiy, A. P. - X-ray spectra of silicon in crystalline and glassy quartz and lithium-silicate glasses. p. 2355
- Sudakov, N. I., Gendolev, S. Sh., Drolin, A. I. - Change in losses due to rotational hysteresis in single crystals of nickel-cobalt ferrites following thermal and thermomagnetic treatment. p. 2362
- Atsukhin, V. A., Lushnikov, V. G., Sorokina, I. P. - Electron paramagnetic resonance of trivalent gadolinium and iron ions in synthetic calcite. p. 2367
- Alferov, Zh. I., and others. - Production and electric properties of epitaxial films of p-gallium phosphide. p. 2370
- Alferov, Zh. I., Garbuzov, D. Z. - Spectrum of recombination radiation from gallium arsenide due to current excitation of gallium phosphide-gallium arsenide p-n heterojunctions. p. 2375

- Muzhdaba, V.N., Patfen'ev, R.V., Shalyt, S.S. - Magnetophonon oscillation of the thermoelectric in n-InSb in a longitudinal magnetic field, p. 2379.
- Parshchik, I.I., Pogarskiy, A.M., Shalyt, S.S. - Galvanomagnetic properties of tellurium and the structure of its valence band near the energy minimum, p. 2383.
- Konfeld, M.I., Sochava, L.S. - Complexes of Mn^{2+} and F^- impurity ions in strontium chloride crystals, p. 2391.
- Sorin, I.I., Tsaregradskiy, V.B. - Causes of the damping of electron paramagnetic resonance signals and the luminescence of photo-excited naphthalene molecules in polymethylmethacrylate, p. 2397.
- Gantsevich, S.V., Gutsevich, V.I. - Theory of the electro-optical effect in n-Ga and n-Si-type semiconductors, p. 2400.
- Arefev, I.M., Bazhulin, P.A., Mikhail'tseva, T.V. - Longwave infrared transmission spectra of KH_2PO_4 , p. 2413.
- Levinson, I.D. - Mobility of runaway hot electrons, n-InSb and n-GaAs at low temperatures, p. 2417.
- Shibanov, A.S. - Effect of impurities on the diffusion of color centers in alkali halide crystals, p. 2423.
- Golubkov, A.V., and others. - Mechanism underlying transport phenomena in samarium sulphide, p. 2430.
- Bereha, D.M., and others. - Piezoresistance of Sb_2Te_3 , p. 2437.
- Kislotel', N.N., Zavit, G.S., Mikhlinakov, V.V. - Theory of the width of infrared absorption bands of U-centers, p. 2444.
- Fistov, G.I., Kobzareva, S.A. - Direct observation of active centers of semiconductor crystal surfaces, p. 2450.
- Zavaritskaya, F.I. - Electric discharges in thin germanium films at helium temperatures, p. 2459.
- Chernikov, V.A. - Effect of the mutual entrapment of electrons and phonons on the electroconductivity of semimetals and degenerate semiconductors in a strong electric field, p. 2469.
- Pokatilov, E.P. - Influence of the piezopotential effect on the ground state energy, the effective mass of current carriers, and the impurity absorption spectrum, p. 2479.
- Shimel', M.A. - Kinetics of the formation of Suzuki segregations, p. 2488.
- Novikova, S.I. - Effect of active impurities on the thermal expansion of silicon, p. 2493.
- Korlagin, V.F., Grechushnikov, N.N. - Electron paramagnetic resonance of atomic hydrogen in beryllium, p. 2496.
- Kovarskiy, V.A., Chaikovskiy, I.A. - Generation-recombination noises in a magnetic field, p. 2499.
- Kovarskiy, V.A., Chaikovskiy, I.A. - Recombination relaxation in a quantized magnetic field, p. 2505.
- Dzharhin, V.V., Cherepanov, V.I., Levin, V.S. - Calculation of the energy spectrum of $3d^8$ ions in a cubic crystalline field, p. 2513.
- Kislotel', N.N. - Symmetry of vibrations and Raman spectra of alkali halide crystals with impurities, p. 2519.
- Nekrasova, L.G., Dimova, N.I., Baranov, A.V. - Pulsed breakdown of solid dielectrics, p. 2523.
- Efimova, B.A., and others. - Model of SnTe band structure, p. 2524.
- Ioffe, I.V., Roznitskiy, A.M. - Explanation of observed fluctuations of field distribution in germanium with injecting contact, p. 2527.
- Ivanov, I.U.M. - Gamma coefficient in the equation for stress-rupture strength, p. 2529.
- Krautnacker, I.A., Romashina, T.I.U. - Heat capacity of iron near the Curie point, p. 2532.
- Kolomoets, B.T., Romanov, V.G., Khodosevich, P.K. - Spectral distribution of the internal photo-effect in hexagonal selenium at a low temperature, p. 2534.
- Fritsyan, K.I., and others. - Effect of an electric field on the position of the optical absorption "edge" in polycrystalline CdS films, p. 2536.
- Gutkin, A.A., and others. - Effect of the orientation of GaAs crystals on the depth and photoelectric properties of diffusion p-n junctions, p. 2539.
- Babushkina, N.A. - Galvanomagnetic properties of holmium, p. 2540.
- Voronkova, N.M., Nasledov, D.N. - Effect of trapping levels on GaAs photoconductivity, p. 2542.
- Novikova, S.I., Shelimova, L.E. - Phase transitions in SnTe, p. 2544.
- Gerashimov, A.B., Kononenko, B.M. - Low-temperature annealing of germanium irradiated by fast electrons, p. 2545.
- Vedula, I.U.S., Gavriluk, V.M. - Direct proof of the existence of a positive charge in adsorbed Th atoms, p. 2547.
- Kul'sreshtha, Arun, P., Lunovich, A.E. - Some dielectric properties of semi-insulating gallium arsenide, p. 2549.
- Krukova, I.V. - Oscillations of the extrinsic photoconductivity in silicon, p. 2551.
- Statetskaya, T.S., Long, V.A., Efimova, B.A. - Thermoelectric properties of n-PbTe at high temperatures, p. 2554.
- Pisarev, R.V., Smolenskiy, G.A. - Estimation of exchange interaction for Mn^{2+} ions in the excited state in MnO , p. 2556.
- Andreyev, A.A., Sysoeva, L.M., Lev, E.I.A. - Temperature dependence of the Hall effect and electroconductivity in germanium telluride, p. 2558.
- Aliev, N.G., Volkenshtein, N.V. - Thermal conductivity of holmium and erbium between 2° and 100° K, p. 2560.
- Gerashimov, A.B., and others. - Hysteresis character of the volt-ampere characteristics of a germanium n-p junction produced by irradiation, p. 2562.
- Kibeln, I.K., Iznayev, S.D. - Anisotropy of the photomagnetic parity effect in p-germanium in strong magnetic fields, p. 2564.
- Kagan, I.U., Sobakin, V.N. - Anisotropy of the photomagnetic parity effect in germanium, p. 2565.
- Andreyev, A.A., Regel', A.R. - Hall effect in liquid alloys of the system Hg-Tl, p. 2567.
- Zingerman, I.A.P., Ischuk, V.A., Krutina, T.A. - Some characteristics of oxygen interaction with a tungsten single crystal surface, p. 2569.
- Krischunas, V.J., Mikalkevichus, M.P., Sileika, A.J. - Dependence of the self-absorption of the self-absorption edge of selenium single crystals on pressure, p. 2571.
- Dzhanelidze, R.B., and others. - Some optical and photoelectric properties of MoO_3 , p. 2573.
- Dushnev, L.S. - Vacancy concentration on multiphase boundaries in ordered alloys, p. 2575.
- Osekchinskii, V.G., Tkachenko, L.A. - Mechanism underlying the formation and elimination of the heterocharges of electrets from beeswax, p. 2578.
- IADERNIA FIZIKA. JOURNAL OF NUCLEAR PHYSICS. Issued by Akademiya nauk SSSR and Gosudarstvennyi komitet po ispol'zovaniyu atomoi energii SSSR [Academy of Sciences of the U.S.S.R. and the State Committee on the Use of Atomic Energy of the U.S.S.R.], Moscow, vol. 2, no. 3, Sep. 1965. Table of contents translated:
- Vinnin, V.D., Voinova, N.A., Drhelepev, B.S. - Determining the intensities and multiplicity of high-energy gamma-transitions accompanying Ta^{182} decay, p. 303.
- Baskova, K.A., and others. - Studying the radiation from $^{40}Ca^{41}$, p. 402.
- Kuklin, R.N. - Mean widths of radiative transitions in "heated" nuclei, p. 400.
- Kamei dzhiev, S.P. - Effective quadrupole charge in nuclei, p. 415.
- Inopin, E.V. - Optical potential of a nucleus in an excited state, p. 423.
- Zelenskaya, N.S., and others. - Rules of selection for nuclear reactions involving nucleon associations in the SU(3) scheme, p. 427.
- Spershteyn, L.E., Khudel', V.A. - Calculating the magnetic moments of spherical nuclei, p. 433.
- Kulade, I.U.A., Piprante, P.P., Sivagurov, V.K. - Electromagnetic formfactors in a three-nucleon system, p. 436.
- Baryshevskiy, V.G., Ljubshits, V.L., Podgoretskiy, M.I. - Neutron scattering on a polarized target, p. 441.
- Shapiro, I.S., Timashev, S.F. - Two-nucleon transfer in direct reactions, p. 445.
- Nemilov, I.U.A., and others. - Angular anisotropy of fission by sub-barrier deuterons, p. 460.
- Fedorov, P.I. - Absorption of stopped π^- -mesons by carbon nuclei, p. 463.
- Anikina, M., and others. - $K \rightarrow 2\pi$ meson decay, p. 471.
- Petkov, I.Zh. - Amplitude of inelastic electron scattering on nuclei, p. 465.
- Dubovik, V.M. - Electron scattering on particles of higher spins, p. 487.
- Veselovskiy, G.S., and others. - Production of slow π -mesons on light nuclei, and $\pi\pi$ -interaction, p. 498.
- Domokosh, G., Shuran', P. - Spontaneous disturbance of symmetries in quantum field theory, p. 501.
- Man'ko, V.I. - An oscillator model for elementary particles, p. 512.
- Nguyen Van Kh'eu. - The SU(6) symmetry group and the relativistic generalization of the SU(6) symmetry group, p. 517.
- Dao Vong Dyk, Nguyen Van Kh'eu. - Electromagnetic decays and the splitting of masses of vector mesons in unitary symmetry, p. 528.
- Perelomov, A.M., Popov, V.S., Malkin, I.A. - Unitary and spin content of SU(6) supermultiplets, p. 533.
- Nguyen Van Kh'eu, Smorodinskiy, I.A.A. - Form factors and interaction constants for the 56-plet of the SU(6) group, p. 543.
- Belozorov, N.N. - Solution of the equation describing neutron-deuteron scattering at high energies, p. 552.
- Anisovskiy, V.V., Fonin, V.V. - Effect of the characteristics of triangular diagrams with decay masses on the mass spectra of the systems $\pi^+ \Delta_{1239}$, $\pi^+ \Sigma_{1385}$, and $\pi^+ \phi$, p. 562.
- Kolkunov, V.A. - General method for calculations with phenomenological amplitudes, p. 565.
- Sannikov, S.S. - Representations of a group of rotations with complex spin, p. 578.
- Okun', L.B. - Degeneration on a baryon charge in a quartet model with charge-parity mixings, p. 582.
- Azimov, I.A., and others. - On certain mass formulae in a quartet model, p. 583.
- KIEV. UKRAINSKI NAUCHNO-ISSLEDOVATELSKIY HIDROMETEOROLOGICHESKIY INSTITUT. Tudy [UKRAINIAN SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE. Transactions], No. 51, 1965. Problems of hydrologic studies and forecasts. Table of contents translated:
- Mokhar, V.I. - Constructing a unit hydrograph, p. 3.
- Fominko, I.A. - Methodology of calculating water yield to rivers of the Dnieper Basin during years of high floods, p. 12.
- Levovskiy, S.S. - Study of calculation parameters of the annual flow of rivers of the Ukraine, p. 21.
- Mogilskiy, V.I. - Calculations of the motion of a release wave, p. 32.
- Reverat, O.Z. - Flow of small water courses, according to materials of the Boguslava Hydrologic Station, p. 40.
- Kryzhanovskiy, A.B. - Irregularity of snow deposition and its calculation in determining snow reserves, p. 47.
- Pashova, L.T. - Calculation of the average snow reserves in a basin accounting for snow accumulation in the forest, p. 53.
- Tsarenko, L.I. - Influence of reservoirs on the flow of rivers of the Ukraine, p. 58.
- Rudometov, M.V. - Long-range forecast of the spring hydrograph of the Dnestr River, p. 66.
- Pavlenko, G.V. - Determining loss of runoff in short-range forecasts of rain floods of rivers of Transcarpathia, p. 82.
- Kryzhanovskiy, A.B. - Meteorological conditions of effective thaws and water yields from snow, p. 87.
- Baranova, N.E., Gordin, B.M. - Synoptic conditions of the formation of summer erosion-active floods on the rivers of the Ukraine, p. 95.
- Shvets, G.I. - Beginning of hydrologic observations of hydrologic observations on the rivers of the Ukraine, p. 105.
- LATVIJAS PADOMJU SOCIJALIS TISKAS REPUBLIKAS ZINATNU AKADEMIJA. Vestis, Fizikas un tehnisko zinatu serija [vestis Akademijskaj nauku Latvijas SSR. Serija fizicheskih i tehniceskaj nauku [ACADEMY OF SCIENCES OF THE LATVIAN S.S.R. Bulletin. Series in the Physical and Technical Sciences], Riga, no. 5, 1964.
- *LENINGRAD. GLAVNAYA GEOFIZICHESKAYA OBSERVATORIA. Tudy [MAIN GEOPHYSICAL OBSERVATORY. Transactions], No. 170, 1965. Study of the radiation processes in the atmosphere. Table of contents translated:
- Shifrin, K.S., Perel'man, A.I.A. - Calculation of the spectrum of particles according to information on the transparency of the dispersion system, p. 3.
- Shifrin, K.S., Perel'man, A.I.A. - Spectral transparency of nearly monodisperse systems, p. 37.
- Shifrin, K.S., Zelmanovich, I.L. - Matrix for calculating the backscatter coefficient, p. 61.
- Kondrat'ev, K.I.A., Ter-Markatants, N.L. - Possibility of detecting cloudiness on the dark side of the earth according to data of measurements of outgoing heat radiation in the "transparency window" of the atmosphere, p. 71.
- Novosel'tsev, E.P. - Selection of a spectral band for the purpose of determining the temperature of underlying surfaces and clouds by means of a radiometer, p. 88.
- Shifrin, K.S., Chalanova, E.A. - Indicatrices for Junge's distributions and Junge's type, p. 93.
- Kasatkina, O.I., Shifrin, K.S. - Indicatrices of light scattering by a system of spherical particles, p. 105.
- Kagin, V.K. - General theory of radiation detectors, p. 115.
- Krasil'shechikov, L.B., Kasatkina, O.I. - Gonophotometric recording unit for measuring the spectral coefficients of brightness, p. 122.
- Shifrin, K.S., Gollkov, V.I. - Study of an instrument for measuring the spectrum of particles by means of small angles, p. 127.
- Gollkov, V.I. - Improvement of an instrument for measuring a microstructure by means of small angles, p. 140.
- Gopshstein, N.M., Kushpil', V.I. - A recording spectrophotometer for ground and aerostatic measurements of the brightness of the daylight sky, p. 149.
- Kushpil', V.I. - Ground measurements of the angular distribution and spectral structure of diffuse sky radiation, p. 156.
- Volikova, T.D. - Some data on the diffuse reflection of the detector coverings of actinometric instruments, p. 167.
- Barashkova, E.P. - Vertical distribution of long-wave streams of radiation in the surface layer, p. 170.

- Enrashaeva, F. P. - Vertical distribution of a rising long-wave stream in the lower half-kilometer layer of the atmosphere. p. 177.
- Shifrin, K. S., Shubova, G. L. - Variability of vertical transparency. p. 161.
- Shubova, G. L. - Intensity of circumsolar radiation under standard conditions. p. 188.
- D'achnikov, I. N., Kondrat'ev, K. I. A. - Distribution of the long-wave balance of the atmosphere over the earth. p. 192.
- Gaevskii, V. L., Rabinovich, I. U. I., Reshetnikov, A. I. - Measuring the water temperature of the Caspian Sea by means of a radiation thermometer. p. 202.
- Vinnikov, K. I. A. - Albedo of the earth-atmosphere system and the field of outgoing short-wave radiation. p. 207.
- No 171, 1965 Results of the study of atmospheric turbulence on helicopter routes
Table of contents translated:
Vorontsov, P. A., German, M. A. - Study of atmospheric turbulence by means of a helicopter. p. 3
Vorontsov, P. A. - Program and methodology of studying atmospheric turbulence on mountainous helicopter routes. p. 20.
Shelkovnikov, M. S., Trushkov, N. I. - Flight conditions of the Mi-4 helicopter along the passenger routes of the Crimea. p. 38
Vasil'ev, A. A. - Wind distribution over the Crimean Mountains and characteristics of the bumpiness of helicopters in various synoptic situations. p. 51
Buldovalskii, G. S., Reshetnikova, A. A. - Space distribution of orographic turbulent zones on the mountain and coast routes of the Crimea. p. 62
Vasil'ev, A. A. - Deformation of a current over the Crimean Mountains in the longitudinal flowing around the range and its influence on the bumpiness of helicopters. p. 74.
German, M. A. - Some results of studying the turbulent regime of the mountain regions of the Caucasus. p. 81.
Kononov, D. A. - Methodology and some results of studying the zones of increased turbulence on the Kutaisi-Shovi route. p. 91
Chernina, I. I. - Determination of the wind conditions on the helicopter routes of the Crimea. p. 96.
Vovchenko, V. I. - Acrossynoptic conditions of the bumpiness of a helicopter on the Simferopol'-Yalta route. p. 104.
Pinus, N. Z. - Some characteristics of the development of turbulence over a flat terrain. p. 110
Vinnichenko, N. K. - Relation of temperature pulsations to the overloads of an airplane. p. 116.
Vorontsov, P. A., Vasil'ev, A. A. - Problems of meteorological flight security on helicopter routes in mountainous regions. p. 122.
Dibluk, A. F., Bibikova, T. N. - Conditions of the evolution of cloudiness depending on orography. p. 130
Lakhtman, D. L., Blutner, E. K. - Basic criteria determining the intensity of turbulence in a mountainous region p. 32.
- No. 180, 1965 Problems of microclimate
Table of contents translated:
Romanova, E. N. - Wind regime in the lower air layer and its influence on the origin of microclimatic differences on the northern slope of the Trans-Ili Alatau. p. 3
Mishchenko, Z. A. - Microclimatic characteristics of the formation of the thermal regime of the air on the northern slope of the Trans-Ili Alatau. p. 21
Peskov, P. I. - Heat balance of an alluvial plain. p. 47.
Mishchenko, Z. A. - Temperature of the active surface in microclimatic studies. p. 58.
Govsh, R. K. - Distribution of the snow cover on the Stanovoye Upland. p. 77.
Int, L. - Some data on the climate of the basic types of soil of the Estonian S.S.R. p. 89
Goryshina, N. G. - Methodology of determining reserves of productive moisture in a zone of excess moistening. p. 103
Golubova, T. A. - Probability of years with frosts of various intensity. p. 111.
Semenova, L. G. - Determination of the location of stations by their thermal regime. p. 123.
Beresneva, I. A. - Characteristics of the thermal regime of the spring and autumn periods in the northern hemisphere. p. 137.
- No. 182, 1965, Problems of climatology,
Table of contents translated:
Rusin, N. P. - Meteorological regime of the coastal zone of East Antarctica. p. 3.
Sorochan, O. G., Petrushina, N. F. - Characteristics of the properties of the air masses of East Asia, during winter and summer. p. 16.
Borushko, I. S. - Effect of bodies of water on the air temperature and humidity of the shore. p. 38.
- Kodina, O. D. - Characteristics of storm activity related to the development of tropical cyclones in the western part of the North Atlantic. p. 50.
Egorova, A. I. U. - Some characteristics of the climate of the free atmosphere over Mexico. p. 63.
Tokar', F. G. - Variation of air temperature in the free atmosphere over South Africa. p. 71
Pastukh, V. P., Vinnikova, E. D. - Some characteristics in the distribution of thunderstorms on the African continent. p. 88.
Lebedev, A. N. - Some characteristics of the thermal regime of Africa. p. 94.
Lebedev, A. N. - Application of the chart method for studies of climatic regularities in the tropical and equatorial latitudes. p. 113
- LENINGRAD, NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROMETEOROLOGICHESKOGO PRIBOROSTROENIYA. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF HYDROMETEOROLOGICAL INSTRUMENT MAKING, Transactions], No. 11, 1965.
Table of contents translated:
Popandopulo, G. K. - The GM-27 long-distance self-recorder of ocean currents. p. 3.
Kleban, L. S., Shenderovich, I. M. - A large-capacity bathometer. p. 10.
Usoltsev, V. A. - Demands on the accuracy of radiosondes. p. 18.
Dmitriev, M. T. - Electric methods of measuring atmospheric pressure and radioactive-ionization manometers. p. 28.
Varzhenevskii, N. S., Belkina, M. M. - The carbon-film hygrometer element. p. 60.
Tupitsyn, O. V. - Autocompensation of a signal from mist in triangulation measures of the height of clouds. p. 75.
Shestopalov, L. A. - Methods for compensating the scattering of the characteristics of thermobimetallic sensing elements. p. 83.
Kleban, L. S., Shenderovich, I. M. - A quick-response thermal receiver for manometric thermometers. p. 100.
Nepomnashchii, S. I. - One method of measuring the speed of an air stream in ventilated columns of meteorological instruments and in ventilation apparatus. p. 113.
Dmitriev, M. T. - Problems of the theory and methodology of the gammascopic method of measuring soil moisture. p. 118.
Tilov, V. A., Ryzhikova, S. M., Semushkina, T. I. - The ARMS-N coding device. p. 133.
- *METEOROLOGIIA I GIDROLOGIIA [METEOROLOGY AND HYDROLOGY]. Issued by Glavnoe upravlenie gidrometeorologicheskoi sluzhby pri Sovete Ministrov SSSR [Main Administration of the Hydrometeorological Service, Attached to the Council of Ministers of the U.S.S.R.], Moscow, no. 10, Oct. 1965.
Table of contents translated:
Bozhkov, R. D. - Vertical distribution of ozone in the earth's atmosphere. p. 3.
Gorelik, A. G., Kostarev, V. V., Chernikov, A. A. - Coordinate and Doppler method of wind observations and some results of studying the heterogeneities of the wind field in the atmosphere. p. 12.
Turketti, Z. L. - Calculation of the characteristics of the thermobaric field in the lower stratosphere in compiling seasonal weather forecasts. p. 21.
Kostanov, G. N. - Relation of the long-wave radiation field to synoptic conditions in summer. p. 29.
Sotol'ov, V. A. - Diurnal and annual variation of thunderstorm activity in the north of the Atlantic Ocean and seas of western Europe and the Far East. p. 32.
Prikhod'ko, G. F. - Experience in working out the approximate criterion determining the possibility of producing artificial precipitation from cumulus clouds in the Ukrainian S.S.R. p. 36.
Buchinskii, I. E. - Tendency of recent climate fluctuation. p. 38.
Zubenko, L. I. - Determining evaporation from the land surface. p. 42.
Khlynovskaya, N. I. - Effect of the diurnal variation of air temperature on the intensity of photosynthesis of the potato in the northern regions of the U.S.S.R. p. 44.
Vinogradova, E. A., Kononova, G. E. - Experimental study of the transformation of a reservoir release wave on a model of a river type reservoir. p. 46.
Struzer, L. R., Nechaev, I. N., Bogdanova, E. G. - Systematic errors in the measurement of atmospheric precipitation. p. 50.
A. P. Gal'isov, 1909-1965; an obituary. p. 58.
International Symposium on the Dynamics of Large-Scale Atmospheric Processes. p. 58.
Sidorchenko, T., Ur'eva, B. R. - Weather forecast for the U.S.S.R. in October 1965. insert 1
- MIROVOI METEOROLOGICHESKII TSENTR, Trudy [WORLD METEOROLOGICAL CENTER, Transactions], Leningrad, no. 8, 1965, Problems of satellite meteorology.
Table of contents translated:
Burtsev, A. I. - A scheme for the calculation of vertical air speeds with regard to the virtual values of the parameter of stability. p. 3.
- Popova, T. P. - Relation of cloudiness to vertical motions. p. 15.
Vetlov, I. P. - Some results of a comparison of satellite and ground observations of cloudiness. p. 20.
Sonechkin, D. M. - Statistical characteristics of cloudiness in the warm period of the year according to data of airplane observations. p. 37.
Vel'tshev, N. F. - Interpretation of the meso-structure of the field of cloudiness. p. 45.
Belov, P. N., Klyganov, A. F. - Changes in temperature and geopotential caused by the radiation supply of heat. p. 55.
Boidyrev, V. G. - Use of measurements of outgoing radiation for calculating the temperature of the earth's surface and the altitude of the upper boundary of clouds. p. 68
Kurlova, I. U. V. - Possibilities of the meteorological interpretation of long-wave radiation. p. 76.
- MOSCOW, NAUCHNO-ISSLEDOVATELSKII INSTITUT AEROKLIMATOLOGII, Trudy [SCIENTIFIC RESEARCH INSTITUTE OF AEROKLIMATOLOGY, Transactions], Moscow, no. 29, 1965, Some problems of the aeroclimatology of the southern hemisphere.
Table of contents translated:
Gavrilov, Z. I. - A short survey of works on the aeroclimatology of the southern hemisphere. p. 3
Gavrilova, Z. I. - Seasonal and annual characteristics of the atmosphere of the southern hemisphere. p. 15.
Olimskaya-Nebrat, G. G. - Distribution of the day-to-day variability of temperature between 35°N and 40°S. p. 29
Chuprina, V. I. - Characteristics of the tropopause over the southern hemisphere. p. 44
Chuprina, V. I. - Day-to-day variability of the tropopause over the southern hemisphere. p. 54
- MOSCOW, TSENTRAL'NYI INSTITUT PROGNOZOV, Trudy [CENTRAL WEATHER INSTITUTE, Transactions], No. 141, 1965, Hydrologic forecasts with the use of electronic computers.
Table of contents translated:
Chernichenko, L. P. - Calculation of the transformation of a flood wave within the Kuybyshev Reservoir using electronic computers. p. 3.
Kuchment, L. S. - Linear methods of calculating the unsteady flow of water in a river. p. 21.
Koren', V. I. - Characteristics of some difference schemes of the numerical integration of St. Venant equations in the calculations of unsteady flow of water for the case of the confluence of rivers; based on the example of rectangular channels. p. 35.
Nechaeva, N. S. - Use of statistical methods for the forecast of water discharges by means of electronic computers. p. 49.
Gorbunov, I. U. V. - Forecast of the discharges and stages of the Angara River below the Bratsk Hydroelectric Power Station by means of an electronic modeling device. p. 60.
Kulagin, V. F., Boshchevskii, E. N. - Calculation of the transformation of a flood wave in a tributary section by means of modeling machines. p. 70.
Gorbunov, I. U. V. - Short-range forecast of the flood hydrograph of the Volga at Gorky by means of an electronic modeling apparatus. p. 80.
Ishkov, A. K. - Forecast of the water stage in the lower pool of the Gorky Hydroelectric Power Station by means of a modeling device. p. 85.
Afanas'ev, A. I. - Some characteristics of calculating the transformation of a flood wave on a modeling device. p. 90.
Gofshstein, L. S. - Use of the G. P. Kalinin and P. I. Milukov methodology for calculating the unsteady flow of water under winter conditions. p. 96.
- No. 148, 1965, Regional regularities and the forecast of hydrometeorological phenomena.
Table of contents translated:
Beikovich, L. V. - Forecasting geopotential, temperature, and wind by the complete system of hydrodynamic equations. p. 3.
Vasil'ev, A. A. - Bumpiness of helicopters on the Black Sea coast of the Caucasus in born-type winds. p. 11.
Kurbanov, G. - Study of the discontinuity of the polar and tropical tropopause over Eurasia by means of vertical cross sections constructed along 40° N. p. 21.
Litvinenko, L. I. - Some characteristics of circulation in the equatorial zone. p. 28.
Masterskikh, M. A. - Secondary cyclones on the coast of the Laptev Sea. p. 37.
Pavlov, N. I. - Significance of the pressure tendency in the center of a cyclone according to data from the nearest stations. p. 41.
Petrenko, V. K. - The invasion of coldness on the Amur region and the Maritime Territory during October 15-20, 1956. p. 43.
Snitkovskii, A. I. - Distribution of energy on the vertical and its relation to the evolution and transference of cyclones. p. 53.

- Sorochinskii, M. A. - Study of the terms of the vorticity equation in the various stages of the development of a cyclone. p. 63.
- Sirizhevskii, L. N. - Optimum smoothing of the meteorological fields. p. 70.
- Turlinskaya, N. G. - Use of solenoidal wind components in prognostic schemes for forecasting geopotential. p. 80.
- Chuprin, S. F. - Thermal transformation of air masses over the North Atlantic and Europe during invasions of coldness in winter. p. 88.
- Lebedev, A. A. - Variability over a period of several years of the thermal regime of water and the ice conditions in the North Atlantic and adjacent seas. p. 93.
- Lebedev, A. A. - Method of forecasting the ice conditions in the North Atlantic and adjacent seas. p. 95.
- Iakovlev, V. N. - Calculation of the ice edges in the Sea of Okhotsk. p. 98.
- Iakovlev, V. N. - Summary of methods of calculating the drift and compactness of ice in the sea. p. 107.
- Mechnik, I. U. S. - Agrometeorological indexes for forecasting the rates of development and evaluating the conditions of the sunflower harvest. p. 117.
- Shablevskaya, V. A. - Dependence of the light conditions in corn plantings on the arrival of solar radiation on the European territory of the U.S.S.R. p. 120.
- Uranova, L. A. - Structure of stratospheric cyclones and anticyclones in different seasons. p. 130.
- Moscow, Universitet Druzhby Narodov. Study [UNIVERSITY OF THE FRIENDSHIP OF PEOPLES. Transactions], Vol. 1, 1963. Teoreticheskaya mekhanika [Theoretical Mechanics], no. 1.
- Table of contents translated:
- Kamenkov, G. V. - Motion stability in near-critical cases. p. 3.
- Napar'in, I. U. A. - Stability limits for nonlinear systems. p. 16.
- Gorbatenko, S. A. - Stability of a controlled system in a critical case. p. 27.
- Gorbatenko, S. A. - Stability of a nonlinear controlled system in a near-critical case. p. 30.
- Mukhametzanov, I. A. - Approximate evaluation of the total behavior of the trajectory of the disturbed motion of some nonlinear systems. p. 47.
- Mukhametzanov, I. A. - Derivation of a multitude of differential equation systems of a steady motion according to a given program. p. 52.
- Gallulin, A. S. - Analytic calculation of the control element of rockets. p. 56.
- Gallulin, A. S. - A problem of the optimum motion of guided rockets. p. 64.
- Gallulin, A. S. - A problem of the optimum motion of an unguided rocket. p. 68.
- Fatkhullin, E. F. - Orientation of artificial earth satellites. p. 71.
- Fatkhullin, E. F. - Analytical calculation of a controller for the orientation system of a solid. p. 87.
- Motrokhin, I. U. M. - Some problems in the dynamics of a programmed control system with a step-by-step motor. p. 90.
- Vol. 5, 1964. Teoreticheskaya mekhanika [Theoretical Mechanics], no. 2.
- Table of contents translated:
- Gallulin, A. S. - Problems in dynamic programming. p. 3.
- Mukhametzanov, I. A. - Some sufficient conditions of the boundedness and stability of the solutions of ordinary differential equations. p. 10.
- Nasyrov, R. M. - Stability of almost periodic motions in certain critical cases. p. 30.
- Gorbatenko, S. A. - Limits of the application and precision of the Van-der-Pole method in the theory of nonlinear vibrations of autonomous systems. p. 45.
- Mukhametzanov, I. A. - Problems of motion stability arising in the development of the control law for program controlled systems. p. 70.
- Gorbatenko, S. A. - Stability of unsteady motion of short-time acting controlled systems in a particular case. p. 83.
- Napar'in, I. U. A. - Problem of the stability of unsteady motion in a finite time interval. p. 94.
- Napar'in, I. U. A. - Stability of the unsteady motion of a controlled system. p. 105.
- Troshin, I. S. - Determining periodic motions of a controlled system. p. 116.
- Grebentsov, E. A. - Using series in solving the generalized restricted problem of three bodies. p. 125.
- Demin, V. G. - Stability of the permanent rotation of a heavy solid having one fixed point and differing little from S. V. Kovnolevskaya's gyroscope. p. 136.
- Gallulin, A. S. - Necessary conditions for extreme characteristics of the programmed motion of a heavy particle with variable mass. p. 141.
- Bunakkin, S. V. - Approach of two points in the central field of force. p. 146.
- Mukhametzanov, I. A. - Stability of the motion of a controlled body in the central field of force. p. 101.
- NAUCHNO-TEKHNIЧЕСКИЕ ПРОБЛЕМЫ ГОРЕНИЯ И ВЗРЫВА [SCIENTIFIC AND TECHNICAL PROBLEMS IN COMBUSTION AND BLASTING]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Department of the Academy of Sciences of the U.S.S.R.]. Novosibirsk, no. 1, 1965.
- Table of contents translated
- Lavintsev, M. A. - Toward further development of studies in the field of the physics of combustion and explosions. p. 3.
- Voitinskaya, M. I., Kedrinskii, V. K., Soloukhin, R. I. - Shock tube for studying one-dimensional waves in fluids. p. 5.
- Boisov, A. A., Kogarko, S. M., Spachkov, G. I. - Spontaneous combustion in methane-air flame mixtures. p. 15.
- Bellay, A. F., and others - Flame combustion of model mixtures of fuels and oxidizers. p. 25.
- Kozachenko, L. S., Kuznetsov, I. L. - Propagation velocity of a flame in the turbulent flow of a homogeneous mixture. p. 31.
- Bobolev, V. K., Karpukhin, I. A., Chukov, S. V. - Combustion of porous charges of explosives. p. 44.
- Eisichin, Sh. A., Iarin, I. P. - Calculation of diffusive combustion in the turbulent flow of a combustible gas. p. 52.
- Morzhanov, A. G., Strunina, A. G. - Laws governing a thermal explosion with heating proceeding at a constant rate. p. 59.
- Khudinov, S. I. - Time characteristics of a thermal explosion in self-accelerating reactions. p. 70.
- Popov, V. A., Shchekin, A. V. - Spectroscopic study of a plane methane-air flame in an electric field. p. 76.
- Gogolev, V. M., Myrkin, V. G., Iablokova, G. I. A. - Calculation of a shock wave following explosions in solid media. p. 80.
- Narozhniy, Z. V. - Experimental determination of the speed of unloading in the soil in dynamic processes. p. 88.
- Grigor'ev, I. U. M., Maksimov, E. I., Mezhanov, A. G. - Laws governing the ignition of particles of homogeneous explosives in a heated gas. p. 93.
- Il'yanov, S. S., Deiblas, A. A. - Effect of an explosion on matter. Structural changes in neodymium oxide. p. 103.
- Parfenov, A. K., Apin, A. I. A. - Low speed detonation in powdered explosives. p. 109.
- Koshelov, I. I., Popov, N. N., Iarilev, P. I. - Experimental study of total momentum in a contact explosion at a barrier in the soil. p. 111.
- Soloukhin, R. I. - The Schlieren method for measuring the compression shock in a shock wave. p. 112.
- Boldarev, A. M., Popov, I. U. A. - Motion of a liquid near a free surface under the action of a shock wave. p. 114.
- REFERATIVNYI ZHURNAL: FIZIKA [JOURNAL OF ABSTRACTS: PHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Sep. 1965.
- RUSSIA (1965) - U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. L'vskii vysshii uchebnyi zavedeniia. Fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Physics]. Moscow, vol. 8, no. 3, 1965.
- Table of contents translated:
- Ivanov, D. - Possibilities of a unified theory. p. 5.
- Nedorezov, S. S. - Effect of the boundary on the thermodynamic properties of a Fermi gas. p. 11.
- Kushnirenko, A. N. - Application of direct methods of mathematical physics in the theory of quantum transitions. Part I. p. 19.
- Klopotkin, M. A., Kozirev, B. P. - Determining the spectral reflection coefficients of free-flowing materials in the 0.7 - 15 mc region of wavelengths. p. 27.
- Otpushchennikov, N. F. - Velocity of sound and heat of sublimation in metals. p. 30.
- Kamenetskii, V. D. - Scattering of Dirac particles in an external central field with allowance for radiation corrections. p. 35.
- Vorob'ev, G. M., Popova, V. I. - Use of the method of stereometric metallography in interpreting the pole figures of the compression of iron. p. 42.
- Palatnik, L. S., Sorokin, V. K. - Preparation of semiconducting films of PbTe by the method of specimens of variable composition. p. 48.
- Nekrashevich, I. G., Bakuto, I. A. - Electric breakdown of dielectrics in the presence of a non-electric power source. p. 53.
- Miroshnichenko, F. D. - Maximum magnetic susceptibility in polycrystalline nickel. p. 58.
- Gos'kov, P. I. - Experimental study of the efficiency of pin moderating systems by the impact excitation method. p. 61.
- Trusov, V. V., Tepilakov, P. A. - Phosphorescence spectra of acenaphthene, diphenyl, and carbazole. p. 69.
- Vazhenin, I. N. - Dependence of the critical frequency of type P-1 semiconductor triodes on the emitter current. p. 76.
- Sendeikhin, I. M. - Static characteristics of point germanium diodes with allowance for self-heating and image forces. p. 81.
- Lomsadze, I. U. M., Khimich, I. V., Shuba, I. M. - Motion of the poles of the quantum mechanical partial amplitude in the complex plane of the coupling constant. p. 86.
- Bogachev, G. A. - Spin-lattice relaxation of rare earth ions. p. 95.
- Kamenetskii, V. D. - Study of the nonrelativistic quantum theory of particle scattering. p. 101.
- Kudriavtsev, N. V., Chaldyashov, V. A. - Studying the energy spectrum of electrons in crystals. Part I. p. 105.
- Dunaev, F. N. - Dependence of the magnetostriiction of cold-rolled transformer steel on the shape of the specimen and the internal stress intensity. p. 112.
- Dunaev, F. N. - Effect of the shape of ferromagnetic bodies on their magnetic structure and magnetic properties. p. 117.
- Itin, V. I., and others - Effect of the temperature of sintering on the mechanical properties of the Cu-Al alloy prepared by the method of repeated pressing and caking. p. 124.
- Ugal, I. A. A., Aveshakh, F. M., Kruglova, G. S. - Production of single crystals of semiconductor phases in the system Zn-Sb. p. 129.
- Belikov, B. I. - Optimum conditions in electromagnetic analysis. p. 134.
- Korshunov, V. A., Gaid, P. V., Radovskii, I. Z. - Magnetic susceptibility of MnS₂ and MnSi. p. 144.
- Kuz'menko, G. I. - The nuclear photoelectric effect in the laboratory. p. 145.
- Gianovskii, I. A., Pantushin, A. A. - Derivation of Wien's formula. p. 146.
- Tvorogov, S. D. - Determining the coefficient of light attenuation by a particle. p. 147.
- Kilov, M. A., Malisova, E. V., Shishkova, G. S. - Electric properties of gallium arsenide with an admixture of gold. p. 148.
- Pavlovskii, R. A. - Calculation of eddy currents engendered in the motion of a conducting tube in a magnetic field. p. 150.
- Vasil'ev, A. P., Viatkin, A. P. - Diagram of the state for the system gallium arsenide - tin. p. 152.
- Tarnovskii, A. S. - Comments on E. S. Kaplan's article "On the preferential use of the International System of Units (SI) in teaching a course in electricity." p. 154.
- Svetlichnyi, V. M. - Chemical etching of gallium arsenide. p. 155.
- Mitskevich, P. K., Bashmakova, M. I. - Dielectric properties of organic semiconductors. p. 156.
- Tkachev, L. G. - Degree of nonconservation of parity in π^- and π^0 decays. p. 158.
- Pao, A. - New possibility for studying the properties of a diffraction grating in a physical laboratory. p. 159.
- Cherdantsev, P. A. - Angular distribution of slow neutrons from the (γ, n) -reaction on deformed nuclei. p. 160.
- Sidorov, N. K., Stal'makhova, L. A. - Selection of a scale of absolute intensity of Raman scattering lines. p. 162.
- Plotnikov, V. G. - Justification of neglecting overlapping integrals in calculating molecular systems. p. 163.
- Mospanov, V. S. - Variational principle in the dynamic theory of X-ray scattering. p. 164.
- Vashchuk, V. I. - Ion "diffraction" in electrolytes. p. 166.
- Chernenko, L. A., Murav'ev, I. I., Pilezhaeva, N. A. - Study of a glow discharge in the mixture Ne + He. p. 168.
- Oreshkin, P. T. - Theory of the electroconductivity of ferrites. p. 170.
- Porkal'skii, B. Sh., Larin, V. L. - Anomalous dispersion and the hook method of D. S. Rozhdavenskii. p. 171.
- Polosakin, G. D., Gelbanov, S. A. - Measuring the surface temperature of a cutter at speeds of 1 - 800 meters per second. p. 173.
- Shul'gin, B. V., Gayritov, F. F., Dvinnikov, B. L. - Dielectric constant of lithium hydride single crystals. p. 175.
- Tvorogov, S. D. - Scalar approximation in the problem involving the scattering of a plane light wave on a sphere. p. 176.
- Frolov, I. U. L. - Calculating the β -electron structure of certain simple vinyl ethers by the semi-empirical method of a self-consistent MOLKAO field. p. 177.

*RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. *Izvestiya vysshih uchebnykh zavodov, radiofizika* [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Physics]. Moscow, vol. 8, no. 4, 1965.

Table of contents translated:

- Matveenko, L.I., Kardashev, N.S., Sholomitskiy, G.B. - Radiointerferometer with a large base, p. 651.
- Eldman, V.I.A. - Relation of the radiation from fast moving charges in a medium to the damping of waves in an inhomogeneous plasma, p. 655.
- Kravtsov, I.U.A. - Modified method of geometric optics for a wave penetrating through a caustic, p. 659.
- Naumov, A.P. - Microwave absorption spectrum of molecular oxygen, p. 668.
- Rubnik, V.P., Maichuk, I.U.I. - Mutual synchronization of molecular generators, p. 679.
- Tsaregradskiy, V.B. - Interaction between a molecular beam and the electromagnetic field of a resonator. Part 3. Stability of the oscillations of a molecular generator with an inhomogeneous field, p. 688.
- Martinson, R.M., Prokhorov, A.M., Sorochenko, R.L. - Radiospectrometer operating at a wavelength of 21 cm, with a quantum paramagnetic amplifier, p. 699.
- Stratonovich, R.L. - The Fokker-Planck equation with discontinuous coefficients and the conditions on the discontinuity surface, p. 704.
- Gol'dberg, N.I. - Estimation of the characteristic function of an ergodic random process, p. 711.
- Gracheva, M.L., Gurevich, A.S. - Heavy fluctuations of the intensity of light propagating through the bottom atmospheric layer, p. 717.
- Gurevich, G.L., Olshakho, I.U.A., Rozenblum, E.A. - Propagation of electromagnetic beams in gyrotropic media, p. 725.
- Ostrovskiy, L.A. - Rotational discontinuities in the electrodynamics of nonlinear media, p. 738.
- Kaplan, V.A. - Diffraction of plane electromagnetic waves on a lattice from parallel conductors arranged in a dielectric layer, p. 743.
- Baisukov, K.A., Bolotovskiy, B.M. - Radiation from an oscillator in an inhomogeneous and nonstationary medium, p. 760.
- Grigor'ev, G.I., and others. - Logarithmically periodic helical irradiation for a paraboloid with a frequency overlap of 1.7, p. 769.
- Gershtein, L.I. - Microwave band radiometer with elimination of the effect of spurious signals by the method of automatic heterodyne frequency control, p. 771.
- Kozlov, I.G., Shapovalov, A.S. - Some results of an experimental study of the properties of an electrostatic analyzer of charged particle energy, p. 775.
- Bashirova, R.M., Bondarenko, A.V. - Energy spectrum of positive ions hitting the cathode in an anomalous glowing discharge, p. 784.
- Rabinovich, M.I. - Self-oscillations in a ring line with distributed nonlinear parameters, p. 794.
- Aref'ev, B.A. - Optimization of recirculation processes, p. 807.
- Kotel'nikov, I.V. - An algorithm for the synthesis of minimal schemes on threshold elements with three inputs for the case of three variables, p. 815.
- Razin, V.A., Khizriyeva, I.P. - Distribution of an ionized gas near the galactic plane, p. 822.
- Mukhammedgalieva, A.F., Strakhovskiy, G.M. - Molecular generator with two series resonators on two opposing beams, p. 824.
- Aleksiev, A.I. - Density fluctuations of photons in a resonance medium, p. 826.
- Zdonova, E.A., Malakhov, A.N. - Experimental studies on fluctuations in the coefficient of transistor amplification, p. 828.
- Prokopovich, M.R., Ivankov, A.G. - Statistical characteristics of noise in the cyclic magnetic reversal of ferromagnets, p. 831.
- Tai, M.L. - Conditions of conjugation for the probability density of transitions in a multidimensional Markov process, p. 834.
- Diavo-Zhivotovskiy, D.M. - A method for calculating systems with quasi-surface waves, p. 836.
- Litvin-Sedoi, M.Z. - Realizability of a prescribed limiting cycle in certain systems of the second order, p. 839.
- Anishin, N.S. - Stationary storage device combined with an operative memory system, p. 842.

UKRAINS'KYI FIZYCHNYI ZHURNAL [UKRAINIAN PHYSICAL JOURNAL]. Issued by Viddi fiziky Akademii nauk URSR [Department of Physics of the Academy of Sciences of the Ukrainian S.S.R.], Kiev, vol. 10, no. 9, Sep. 1965.

Table of contents translated:

- Boldyshev, V.F. - Correlation of the directions of internal conversion electrons in the Furry-Sommerfeld-Maue approximation, p. 929.
- L'ovshyn, E.B., Kharchenko, V.F. - Optical model for deuterons allowing for the tensor spin-orbital interaction, p. 936.
- Menskova, I.U.L. - Complex angular momentum in nuclear Coulomb scattering, p. 952.

- Shapiro, V.D., Shevchenko, V.I. - Induced scattering of Langmuir oscillations in a plasma placed in a high magnetic field, p. 960.
- Korot'ov, O.M. - Bound states of a particle moving in a nonlocal potential, p. 969.
- Dushyn, L.O., and others. - Use of an interferometer and the microwave cut-off method in studying a plasma, p. 977.
- Il'in, O.H., Shenderovych, O.M. - Conditions for obtaining rapidly fading fields in inductor devices. Part 2, p. 985.
- Bukharskiy, H.U., Mashkevich, V.S. - Theory of stationary radiation from a homogeneous system in a resonator with many modes. Part 2. Optimal conditions for laser radiation, p. 990.
- Khlyntuk, O.T. - Effect of activator interaction and the duration of X-ray radiation on the absorption spectra of NaCl-Cu, Pb-phosphors, p. 1007.
- Kyslak, H.M., Lysenko, H.M. - On the phosphorescence of terephthalic acid, p. 1015.
- Mykhailenko, V.I., Tepilakov, P.O., Trusov, V.V. - Luminescence spectra of tolan and stilbene at 77°K, p. 1019.
- Kazanskii, V.M. - Thermodynamic functions of moisture absorbed by activated coal, p. 1025.
- Krukhvikh, A.A., Pavlov, V.S. - Pressure of saturated vapor of liquid cerium, p. 1029.
- Kutsenko, A.M., Kortnlev, A.V. - Temperature of a spark discharge in a liquid, p. 1033.
- Atemenko, I.A., Kan, I.A.S., Rabukhin, L.B. - Static characteristics of cryotrons, p. 1035.
- Kholodov, G.A. - Infra-red absorption of cupric and cuprous oxides, p. 1036.
- Katrych, H.A. - Field effect on a pure silicon surface, p. 1038.

*USPEKHI FIZICHESKIKH NAUK [PROGRESS IN THE PHYSICAL SCIENCES]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 87, no. 1, Sep. 1965.

Table of contents translated:

- Tamm, I.E. - Characteristics of the work of Leonid Isaakovich Mandel'shtam, p. 3.
- Fabelinskii, I.L. - Study of the fine structure of a line of scattered light, and the propagation of hypersonic, p. 9.
- Khokhlov, R.V. - Nonlinear wave processes, p. 17.
- Talanov, V.I. - L.I. Mandel'shtam's papers on the theory of optical images, and modern quasi-optics, p. 23.
- Raizer, I.U.P. - Breakdown and heating of gases under the action of a laser beam, p. 29.
- Ginzburg, V.L., Syrovatskiy, S.I. - Cosmic synchrotron radiation, p. 65.
- Zel'dovich, I.A.B., Okun', L.B., Pikel'nyi, S.B. - Quasitets: astrophysical and physicochemical aspects, p. 113.
- Avrikskov, A.A. - The superconductivity problem today, p. 125.
- Kapitsa, P.L. - Lomonosov and world science, p. 155.
- Self-channeling of light beams, p. 169.
- Kharkov, I.U.B., and others. - Aleksandr Iosifovich Shal'nikov, on his 60th birthday, p. 171.
- Vreden-Kobetskaia, T.O. - New books on physics, p. 174.

*ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 49, no. 2(8), Aug. 1965.

Table of contents translated:

- Gurnon, N.N. - Change of magnetostriiction in cobalt ferrite following thermal treatment, p. 301.
- Tomashevskiy, I.U.I.A., Venetsov, I.U.N., Antonov, G.N. - Ferromagnetic substances in the systems $PbFe_{2/3}W_{1/3}O_3$ - Pb_2YbNbO_6 , p. 367.
- Dublnina, A.N., Trautlin, L.A., Chirikov, B.V. - Trap with magnetic mirrors designed for prolonged confinement of electrons, p. 373.
- Kikiani, B.I., and others. - Ionization occurring in collisions between alkali metal atoms and gas molecules, p. 379.
- Barkhudarova, T.M., and others. - Three dimensional distribution of an electric field produced by focusing the rays from a ruby laser, p. 386.
- Kukavtzev, G.M. - Sonich for anomalous hydrogen, p. 389.
- Dzhelopov, V.P., Ermolov, P.F., Fil'chenkov, V.V. - Scattering of p - μ atoms on protons, p. 393.
- Lushchikov, V.I., and others. - Dynamic polarization of protons in rotating crystals of lanthanum magnesium nitrate, p. 408.
- Kim Khl San and others. - Radiation widths of intermediate nuclei, p. 410.
- Belov, K.P., Ergin, I.U.V., Ped'ko, A.A. - Magnetostriiction in a gadolinium crystal, p. 414.
- Voron'ko, I.U.K., Kaminskiy, A.A., Osiko, V.V. - Analysis of the optical spectra CaF_2-Nd^{3+} crystals (Type 1), p. 420.
- Voronov, A.V., and others. - Heat capacity of Gd near the Curie point, p. 428.

- Chashkin, I.U.R., Gorbunova, V.V., Voronov, A.V. - Effect of impurities on the singularity of the thermodynamic potential at the liquid-water critical point, p. 433.
- Boikov, E.S., Fogel, N.I.A., Litvinenko, I.U.A. - Jump in magnetic flow of rigid superconductors in pulse magnetic fields, p. 438.
- Rudenko, N.S., Konayeva, V.G. - Viscosity of solutions of hydrogen isotopes, p. 447.
- Chernoplekov, N.A., Zemlanova, M.G. - Study of the quasi-ionic level in the vibrational spectrum of a lattice with heavy impurity atoms, p. 449.
- Sokolova, G.K., and others. - Effect of hydrostatic pressure on the Curie point of the ferromagnetic compound EuO , p. 452.
- Panova, G.Kh., Samoilov, B.N. - Experimental detection of an anomaly in the specific heat of a metal containing heavy impurity atoms, p. 458.
- Sumbaev, C.I., Mezentsiev, A.F. - Experimental detection of an isotopic shift in the molybdenum $K_{\alpha 1}$ X-ray line, p. 459.
- Kinichik, G.S., Babin, E.S. - Natural frequencies of nickel and nickel alloys in the infrared region of the spectrum, p. 470.
- Bocharova, I.E., and others. - Angular distributions of fragments near the threshold of U^{238} photofission, p. 476.
- Ullin, V.D. - Fusion at ultrahigh pressures arising in a shock wave, p. 485.
- Dzib, I.P. - Effect of rotational states in the scattering of slow neutrons by gas molecules, p. 483.
- Dmitriyev, I.S., Zhitelkin, I.A.M., Nikolaev, V.S. - Calculation of the effective cross sections of K-electron losses by fast hydrogen-like ions in collisions with hydrogen and helium atoms, p. 500.
- Al'tshul', L.M., Karpman, V.I. - Theory of nonlinear oscillations in a collisionless plasma, p. 515.
- Eldman, V.I.A. - Damping of longitudinal waves in an inhomogeneous plasma, p. 520.
- Vit, R. - Permissible rate of decrease of the forward scattering amplitude at high energies, p. 538.
- Gliner, E.B. - Algebraic characteristics of the energy-momentum tensor, and vacuum-like states of matter, p. 542.
- Azimov, I.A.I., and others. - Three-particle amplitudes and the unitarity conditions for complex values of angular momentum, p. 549.
- Azbel', M.A., Poshchanskii, V.G. - Resistance of thin plates and wires in a strong magnetic field, p. 572.
- Iushmanov, E.E. - Confinement of slow ions in a mirror trap when the plasma potential is positive, p. 588.
- Ignatenchenko, V.A., Zakharov, I.U.V. - Structure of the domain boundary in a ferromagnet of finite thickness, p. 599.
- Fal'kovskiy, L.A. - Quasi-classical quantization of electrons and holes in bismuth in a magnetic field, p. 609.
- Silahn, S.M., Tikhomirova, N.A. - Phase diagram for tellurium, p. 618.
- Pekar, S.I. - Electron-phonon interaction, proportional to an externally applied field, and the amplification of sound in semiconductors, p. 621.
- Din' Van Khong - Annihilation of the positron in the e^+Li system, p. 630.
- Demkov, I.U.N., Murakover, I.U.E. - Calculation of the angular distribution of resonance charge exchange, p. 635.
- Zababakhin, E.I. - Shock waves in lamellar systems, p. 642.
- Paritskaya, L.V., Pitaeveskii, L.P. - Self-similar motion of a rarefied plasma, p. 647.
- Andreev, A.F. - Electron spectrum of the intermediate state of superconductors, p. 655.
- Baler, V.N., Galitskiy, V.M. - Two-photon emission in electron collisions, p. 661.
- Galeev, A.A. - Ion escape from a magnetic mirror trap due to the development of instability related to "loss-cone" distribution, p. 672.
- Vonsovskiy, S.V., Syrakii, M.S. - Theory of s - f -exchange in the case of non-zero orbital momenta, p. 682.
- Demkov, I.U.N., Druksuev, G.F. - S -matrix poles of the second order and resonance scattering, p. 691.
- Bersuker, I.B., Gol'danskii, V.I., Makarov, E.F. - Analysis of the variation in the charge radius of the Sn^{119} nucleus based on the Mössbauer spectra, p. 699.
- Iakovleva, I.V. - Possibility for measuring the magnetic moment of the Σ^+ hyperon, p. 707.

ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI, Pis'ma v redaktsiu [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS, Letters to the Editors]. Issued as a supplement to the journal, Moscow, vol. 1, no. 1, Apr. 1965.

Table of contents translated:

- Voron'ko, I.U.K., and others. - Induced radiation of He^{3+} in CaF_2 at the wavelength $\lambda = 5512 \text{ \AA}$, p. 5.
- Askaniyan, G.A., and others. - A light spark in a magnetic field, p. 8.
- Rekalo, M.P. - Generation of baryon resonances in weak interactions, and unitary symmetry, p. 13.

- Stishov, S. M., Tikhomirova, N. A. - Melting curves for bismuth telluride (Bi_2Te_3) and antimony telluride (Sb_2Te_3) at high pressures. p. 20
- Mukhamedgallova, A. F., Oravskii, A. N., Strakhovskii, G. M. - Molecular generator with two series resonators and an amplifier of "molecular sound". p. 32
- Belov, K. P., Idubutina, I. S. - Mossbauer effect on Sn^{119} nuclei injected into the lattice of yttrium ferrite garnet. p. 26
- Gol'danskii, V. I., and others. - Superexchange induction of magnetic fields on nonmagnetic atomic nuclei. p. 31
- Gavrilova-Podolskaya, G. V., Iudin, A. L., Lundin, A. G. - Isotopic effect in the ferroelectric substance $\text{NaLi}_2(\text{SeO}_3)_2$. p. 30
- Petrov, I. U. N., Prokhorov, A. M. - A 75 μ laser. p. 39
- Akhmanov, S. A., and others. - Frequency dependence of the threshold of light breakdown in air. p. 42
- Akhlezer, A. I., Rekalov, M. P. - Magnetic moments of baryons and the SU(6)-symmetry. p. 47
- Volkov, D. V. - SU(6)-symmetry and the electromagnetic splitting of baryon masses. p. 51
- Abrikosov, A. A. - Electric resistance of metals with small magnetic impurities in the presence of impurity ferromagnetism and an external magnetic field. p. 53

ZHURNAL PRIKLADNOI SPEKTROSKOPII [JOURNAL OF APPLIED SPECTROSCOPY]. Minsk, vol. 3, no. 1, July 1965.

- Table of contents translated
- Kvilkov, S. A. - Spectral relationship of the quantum yield of metal and nonmetal photocathodes in the 35 - 70 nm region. p. 3
- Chechenko, L. A., Piterzhayeva, N. A. - Estimate of the absolute value of the effective cross section of collisions of the second kind in $\text{N}_2 + \text{Ar}$, $\text{CO} + \text{Ar}$, and $\text{N}_2 + \text{CO}$ mixtures based on the molecular band intensification in a glow discharge. p. 9
- Matatlov, V. P., Ostapchenko, E. P. - Excitation of krypton. p. 14
- Tkachenko, G. B. - Experimental study of the diffusion of resonance radiation in mercury vapors. p. 20
- Basov, N. G., Gerasimov, A. Z., Zubarev, I. G. - Sensitivity of a laser operating on neodymium glass. p. 26
- Rutkovskii, F. K., Gribkovskii, V. P. - Density distribution of intense radiation in an absorbing specimen. p. 32
- Volkovich, A. P., Kiselev, I. L. - Dependence of oscillation power on the amount of losses in a gas laser. p. 38
- Klauev, I. A. - Vibrational spectra of crystalline potassium and ferrocyanides. p. 42
- Moi gonshteyn, Z. L., Noustuev, V. B., Epshteyn, M. I. - Spectral distribution of the yield and the absolute luminescence yield of some organic luminescence. p. 49
- Shabavgin, M. V., Shigolin, D. N., Mikhaitov, N. V. - Spectroscopic study in the lactam series. p. 56
- Volod'ko, L. V., Koniak, A. I., Steptov, L. E. - Infrared absorption spectrum of sodium uranyl acetate single crystals. p. 65
- Dmit'ev, V. D., Khotimov, G. K. - Integral emissivity of tungsten in the 1200°-2800°K temperature interval. p. 72
- Podladenko, M. V. - Emissivity of CO_2 molecules at temperatures up to 1200°K in the spectral region of 4.1 - 4.6 μ . p. 76
- Fedorov, F. I., Bakovskii, L. M. - Phenomenological theory of the linear electro-optical effect in uniaxial crystals. p. 82
- Pilipovich, V. A., Morgun, I. F. - Performance of a neodymium laser under Q-pulse conditions. p. 92
- Panteleev, V. V., Iankovskii, A. A. - Applicability of lasers in the spectrum analysis of copper based alloys. p. 96
- Melikhar, P. V., and others. - Photographic films for use in spectroscopy and astronomy developed by the Kazan Branch of the Motion Picture and Photography Scientific Research Institute. p. 99

14. MEDICINE

a. GENERAL

*AKADEMIJA MEDITSINSKIH NAUK SSSR, Moscow, Vestnik [ACADEMY OF MEDICAL SCIENCES OF THE U.S.S.R. Journal], Moscow, vol. 20, no. 6, 1965.

- Table of contents translated
- Parin, V. V. - Way of living and the prevention of cardiovascular diseases. p. 5
- Anokhin, P. K. - Emotional stresses as a prerequisite for the development of neurogenic diseases of the cardiovascular system. p. 10
- Konchalovskaya, N. M., Rashevskaya, A. M., Shatalov, N. N. - State of the cardiovascular system under the effect of some chemical and physical factors of an industrial environment. p. 19

- Pokrovskii, A. A., Paramonova, I. A., Nemenova, I. U. M. - Alimentary factor in the prevention of cardiovascular diseases. p. 24
- Miasnikov, A. L., Ryvlin, I. A. - Prevention of hypertension and coronary atherosclerosis. p. 30
- Lufomskii, P. E. - Problem of the prevention of coronary insufficiency. p. 41
- Zakusov, V. V. - Prevention of myocardial lesions by means of pharmacological substances. p. 52
- Melichnikov, N. S. - Prevention of functional cardiovascular diseases in young age. p. 58
- Serdukovskaya, G. N. - Prevention of cardiovascular diseases in schoolchildren and adolescents. p. 68
- Neesterov, A. I. - Theoretical and clinical bases of the prevention of rheumatic fever and its recurrences. p. 74
- Ioffe, V. I. - Problems of specific prevention of rheumatic fever in the light of concepts of the etiology and immunology of this disease. p. 87
- Sokolova-Ponomareva, O. D. - Rheumatic fever in children and organization of its control. p. 92
- Tarceev, E. M. - Problems of the prevention of collagen diseases. p. 97

Vol. 20, no. 6, 1965.

- Table of contents translated
- Thunov, V. D., Kagan, G. I. A. - Results and perspectives of the study on L-form bacteria and the family Mycoplasmaaceae. p. 3
- Peshkov, M. A., Shadrina, L. A. - Substructure of the heteromorphous forms of *Achromobacter epsteinii* and *Escherichia coli*. p. 13
- Sudachina, I. A. - Comparative study on the substructure of the L-form of *Proteus vulgaris* and the L-form of *Streptococcus haemolyticus*. p. 17
- Konin, S. G., and others. - Basic trends in the cinematographic study of L-form bacteria and Mycoplasma. p. 20
- Blitkova, A. N., Koptelova, E. I., Kavtorina, R. P. - Some physiological characteristics of L-form bacteria of various types and Mycoplasma as possible sources of their differentiation. p. 23
- Blitkova, A. N., Koptelova, E. I., Kavtorina, R. P. - Chemical composition of an L-culture of β -hemolytic streptococcus of the A group and its reversers. p. 29
- Lavashov, V. S. - Genetic mechanisms of the formation of L-form bacteria and the perspectives of further studies. p. 32
- Gorinckling, N. S., Lavashov, V. S. - Lysogenicity of bacterial variants with a modified cellular wall on a spheroplast and L-form model. p. 37
- Kochemasova, Z. N., and others. - L-forms of some types of pathogenic bacteria. p. 39
- Ustimenko, L. M. - L-forms of *Treponema pallidum*. p. 46
- Rakovskaya, I. V. - Biological characteristics of Mycoplasma polluting tissue cultures. p. 50
- Kagan, G. I. A., and others. - Results of experimental infection of *Maceus speciosus* monkeys with L-forms of *Streptococcus haemolyticus*. p. 54
- Koptelova, E. I., Pokrovskii, V. I., Gorskova, E. P. - Model of experimental meningitis in rabbits caused by streptococcal and staphylococcal L-forms. p. 60
- Finklin, V. A. - Allergenic properties of the G₁ antigen of the L-forms of *Streptococcus haemolyticus*. p. 64
- Kagan, G. I. A., and others. - Comparative characteristics of the cytopathogenic effect of various types of L-form bacteria and Mycoplasma in tissue culture. p. 66
- Pozorovskii, S. B., and others. - Biology of L-form bacteria and Mycoplasma, pathogens of diseases of the respiratory organs and the upper respiratory tract. p. 74
- Porubinskaya, N. M., Zakharchova, M. S., Furman, M. A. - Experience in the diagnosis of diseases caused by Mycoplasma pneumoniae. p. 82
- Emmanuel, N. M. - Perspectives in the kinetic studies on biochemical processes in effective chemotherapy of cancer. p. 86

AZERBAIJAN TIBB ZHURNALI, AZERBAIJAN MEDICAL JOURNAL [AZERBAIJAN MEDICAL JOURNAL]. Issued by Azerbaijan SSR Səhiyyə nazirliyi [Azerbaijan Ministry of Health]. Baku, vol. 42, no. 4, Apr. 1965.

- Table of contents translated:
- Namazova, A. A., Malorova, L. A. - Electrocardiographic changes in children with a patent ductus arteriosus. p. 10
- Aliev, G. K., and others. - Motor chromasia in premedication for local anesthesia with neuroplegic mixtures. p. 15
- Agayev, B. A. - Changes in the content of sodium and potassium in the plasma and erythrocytes of cancer patients before and following surgery. p. 20
- Volegov, A. I. - Characteristics of the effect on the central nervous system of ether in its inhalation and subcutaneous introduction. p. 27
- Elendova, L. T. - Some characteristics of the course of hypertension and coronary insufficiency under the climatic conditions of Baku. p. 36

- Talov, A. N., Mamedov, G. S. - Selection of the time for surgery in acute cholecystitis. p. 41
- Bakshiev, B. A. - Large-photograph fluorography in polycystic and its significance for the detection of valvular (eosinophilic) infiltrates. p. 47
- Akhundova, M. A. - Calculation of the meters in children. p. 52
- Isaev, Dzh. G. - Materials on parasitic cecostomy of the intestines. p. 59
- Isaev, A. A., Aliev, A. G. - Case of intestinal obstruction caused by a small gauze ball. p. 65
- Isaeva, N. M. - Case of congenital flux-form cell anemia in a 7-year-old girl. p. 67
- Mamedov, A. V. - Development of public health in the Gyuendzha Khanate following its incorporation into Russia, 1814-1917. p. 70
- Akhundov, A. A., Guseynova, T. G. - Bibliographical index on stomatology in Azerbaijan for the period 1908-1963. p. 75

Vol. 42, no. 6, June 1965.

- Table of contents translated
- Makolbin, V. I., Namazova, A. A. - Vectorcardiographic study of the electrical activity of the auricle in healthy children. p. 7
- Karavay, M. A., Ostrov, R. G., Treshchinskaya, S. S. - Results of splenopography in the diagnosis of portal hypertension. p. 11
- Agazade, M. M. - Some indicators of the functional state of the adrenal cortex in various forms of intestinal infections in very young children. p. 16
- Oshimakov, V. A. - Administration of antibiotics in resection of the lungs for cancer. p. 24
- Guseynova, Z. N. - Study of the chemical composition of the leaves of the eider *Sambucus ebulus* and *S. nigra* from the Azerbaijan flora and the expectorant-purgative effect of different types of drugs and preparations derived from them. p. 29
- Karavay, I. S. - Structural shifts of the innervation mechanisms of the liver in intestinal infections in very young children. p. 36
- Agalov, A. B. - Pathomorphological study of the approach channel following the surgical removal of tumors from the cerebral hemispheres. p. 42
- Talybov, T. G. - Treatment of bronchial asthma with ephyllin aerosols. p. 48
- Sultanov, G. A. - Early detection of obliterating endarteritis during a dispensary examination of cotton growers. p. 52
- Kozhurn, P. M. - Intravenous administration of dibazol in hypertension. p. 55
- Mamedov, O. R. - Clinical aspects and treatment of leukoplakia of the mucous membrane of the oral cavity. p. 60
- Vidali, M. M., Kazhaeva, U. I. - Results of the use of fluorescence microscopy in oncological practice. p. 64
- Mamedova, N. M. - State of the intestinal flora in patients with intestinal infections. p. 69
- Plastunov, A. B. - Subcutaneous emphysema in labor. p. 76
- Akhundov, I. R. - Errors in the diagnosis of tuberculous mesadenitis. p. 77
- Akhundov, A. A., Guseynova, T. G. - Bibliographic index of stomatological works published in Azerbaijan during the period from 1908 to 1963. p. 81
- Liallov, D., Gannabaglu, K. - S. P. Bolkin, founder of Russian clinical medicine. p. 87

*BULLETEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Issued by Akademii meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.], Moscow, vol. 60, no. 8, Aug. 1965.

- Table of contents translated:
- Gil'man, I. M. - Role of the vestibular nuclei in the formation of the synchronization of cortical rhythms. p. 3
- Bensman, V. M., Aganlants, E. K. - Changes in the threshold of motor response to direct stimulation of the cerebral cortex and reflex excitability of the spinal cord in ether anesthesia and artificial hypoventilation. p. 9
- Smirnov, A. I., and others. - Effect of the resistance to respiration on the functional state of the respiration center in dogs in a chronic experiment. p. 14
- Romanova, L. S. - Degree of bronchial resistance in healthy children. p. 17
- Neshcheret, A. P. - Pulmonary circulation in the acute period of myocardial infarct in dogs with an intact thorax. p. 21
- Serebrovskaya, I. A., Rudin, E. P. - Changes in the hemodynamics of the pulmonary circulation in pulmonary edema. p. 25
- Barinlan, S. B. - Contractile function of the myocardium in experimental myocarditis. p. 29
- Frolova, V. V. - Characteristics of the adaptation of the cardiovascular reflexes in old animals. p. 32
- Budylna, S. M. - Manifestation of the gastrointestinal reflex in some diseases of the gastrointestinal tract. p. 38
- Ralskii, V. A. - Disorders of the functional mobility of the gustatory receptors of the tongue in some diseases of the blood. p. 39

- Ivanova, E.I.A. - Changes in the hemopoietics of the bone marrow in rabbit donors. p. 13.
- Boezemskaya, S.V. - Age-related characteristics of experimental myogenic thrombocytosis. p. 16.
- Abuladze, A.V., Shustala, M.G. - Correlation between some morphological and cytochemical reactions of the spleen and peripheral blood in guinea pigs to intravenous introduction of leukocyte serum. p. 49.
- Olefskii, L.I. - Effect of total X-ray irradiation on the content of glycoproteins in the blood serum of normal and hypothyroid animals. p. 54.
- Buranova, F.S. - Effect of lesions of the liver on the content of mucoproteins in the blood in inflammatory processes. p. 57.
- Klimova, I.M. - Activity of α -amylase and glucose-6-phosphatase of the liver and the sugar level in the blood in animals with plague intoxication. p. 61.
- Maslova, M.N., Khaunina, R.A. - Distribution of β -phenyl- γ -aminobutyric acid (phenyl-gam) in the body and some indices of its central action. p. 65.
- Komissarov, I.V., Lemberskii, I.A.Z. - Effect of hydrazine derivatives on the cholinergic structures of the brain. p. 69.
- Sokolov, S.L. - Effect of saponins from the Japanese angelica tree on the electrical activity of the brain. p. 73.
- Safonov, V.A. - Effect of anesthesia and aminazine on respiration under excessive intrapulmonary pressure. p. 77.
- Rykhova, A.F. - Effect of combined introduction of para-amino benzoic acid and β -sitosterol on the course of experimental atherosclerosis in rabbits. p. 83.
- Pevnitskii, L.A., Solov'ev, V.V., Fontalin, L.N. - Use of Line's method for the study of the effect of analogs of nucleic acid bases on immunogenesis. p. 85.
- Shibolev, V.P. - Infectivity of the total ribonucleic acid isolated from newborn mice infected with A-10 Coxsackie virus. p. 89.
- Lomakin, M.S., Felgel'man, S.S., Khundanova, L.I. - Comparative immunobiological characteristics of normal tissue antibodies. p. 92.
- Umanski, I.U.A. - Obtaining antineoplast sera in the immunization of animals by means of tumor cells freed from connective tissue stroma. p. 99.
- Potavoshchikova, K.A., Belousov, A.P., Bul'dinaeva, T.V. - Action of liver ribonucleic acid on the growth of tumors in experimental animals. p. 102.
- Gligorovich, N.A. - State of deoxyribonucleoprotein isolated from the spleen tissue in mice following the influence of γ -radiation in doses inducing a high leukemogenic effect. p. 105.
- Shubin, A.S., Turgunov, M.T. - Electron microscopic study of the thymus cell ultrastructure in mice of the C57BL line in γ -radiation-induced leukemia. p. 110.
- Avdeev, G.I. - Study on the antigenic simplification of pulmonary tumors in man by means of precipitation in gel. p. 111.
- Potapova, V.B. - Morphological and some histochemical changes in the transversostriated muscles in various forms of denervation. p. 115.
- Sara, V.V., Postnov, I.U.V. - Lesions of the skin in white rats following the introduction of Freund's adjuvant. p. 118.
- Babskii, E.B., Terekhov, I.U.V., Rabinovich, N.I. - Summary amplitude of body fluctuations as an index of the stability of the standing posture in man. p. 122.
- Zhuchkova, N.I. - Kazan Society of Physicians and social medicine in Russia. p. 27.
- Zhuchkova, N.I., Shubin, V.N. - Professor N.A. Gerken as a surgeon and civic worker. p. 29.
- Ivshina, V.A. - Materials on the plotting of a geographical map of caries in the Tatar A.S.S.R., distribution of dental caries among the children of Kikmor and Menzelinsk. p. 31.
- Kachurets, V.I., Kudrinskaya, N.P. - Incidence of diphtheria in Kazan and the fundamental stages of its eradication. p. 35.
- Landyshov, I.V. - Problems of medical geography in the works of scientists of the Medical Faculty and members of the Society of Physicians of Kazan. p. 37.
- Mad'yarov, R.S. - Purpose of industry and the protection of the health of workers. p. 39.
- Naumova, M.I. - Physical development and state of the health of boarding-school students in Kazakhstan. pp. 43-44 wanting.
- Nikitin, S.K. - Most important topics of dissertations and monographs of Kazan medical scientists for the past 150 years of activity of the Kazan Medical Institute (1814-1964). p. 45.
- Sobanov, A.G. - Interrelations between the state of the physical development and the incidence of disease. p. 47.
- Sorokin, N.M. - Role of scientists of the Kazan Medical Institute in the control of malignant neoplasms. p. 49.
- Tukhvatullina, R.V. - Indicators of the physical development and the state of health of Kazan children of preschool age according to the materials of kindergarten inspection during 1961-1962. p. 53.
- Fedenenko, L.I. - Eradication of diphtheria in the Tatar A.S.S.R. p. 55.
- Fockletov, V.I. - Study of the physical development and health in young men. p. 57.
- Starafeldina, R.M. - Tuberculosis control in the Tatar A.S.S.R. during the first decade of Soviet power. p. 59.
- Epshteyn, T.D. - Fundamental indicators of the population's health in the Tatar A.S.S.R. in half a century (1913-1963). p. 61.
- Lakshova, S.N. - Physical development of children during the 2d and 3d years of life in some districts of the Tatar A.S.S.R. p. 65.
- Ado, A.D., Ishimova, L.M. - Modern concepts of the mechanisms of allergic reactions. p. 69.
- Alatyev, V.I., Zefirov, L.N. - Effect of diphenin on the phasic and tonic activity of the neuromuscular apparatus in frogs. p. 71.
- Amirov, Kh.N. - Materials on the study of the nervous apparatus of the parietal pleura. p. 73.
- Andrushko, I.A., Zubairov, D.M. - Disorders in the adaptation possibilities of the blood coagulation system in radiation injuries. p. 75.
- Antsimova, V.F., and others. - Data on biochemical studies on the administration of parantrophyl ester of dibutylphosphoric acid to experimental animals. p. 77.
- Arbusova, M.S. - Some new data on the mechanism of the movement of the blood through the liver. p. 79.
- Adanas'ev, V.G. - Mechanism of the effect of parasympathetic innervation on the permeability of the vascular wall. p. 81.
- Adanas'ev, V.G. - Effect of the posterior root fibers on the permeability of the vascular wall. p. 83.
- Afonakova, L.S., Zalkonnikova, I.V. - Search for protective and therapeutic substances in poisoning with organophosphorus compounds. p. 85.
- Ashneva, L.A., Zelenkova, N.P. - Comparative study on the effect of nucleases of animal and microbial origin on the cells of Ehrlich's ascitic carcinoma. p. 87.
- Bazarevich, G.I.A. - Effect of the stimulation of the vagus nerve on respiration in experimental peritonitis. p. 89.
- Badiugin, I.S. - Anesthetic premedication with steroids in experimental traumatic shock. p. 91.
- Bakharevskaya, E.N. - Results of treating experimental diphtheria with preparation 607. p. 95.
- Berezovskii, B.S. - Protective effect of nifubin in acute radiation sickness in rats and white mice. p. 97.
- Berlin, M.G., and others. - Antimicrobial effect of the esters of amidophosphoric acid, phosphorylated acetals and hydrazones. p. 99.
- Berlin, M.G., and others. - Detection of Mycobacterium tuberculosis by fluorescence and phase contrast microscopy. p. 101.
- Berlin, M.G., Khabirova, G.Z., Shamsutdinov, N.S. - Buchin's medium in microbiological diagnosis of diphtheria. p. 103.
- Bizhaev, A.I. - Immunological reactivity of the animal organism in experimental autoimmunization. p. 105.
- Bizhaev, A.I. - Pathogenesis of allergy in skin diseases. p. 107.
- Bikbova, S.K., and others. - Murine rodents as carriers of *Legionella ratum*. p. 109.
- Bilanova, L.L. - Effect of small X-ray doses on anti-diphtherial immunity. p. 111.
- Bobrovskikh, L.P. - Effect of the ED-5, ED-6 and ED-40 epoxy resins on the microflora of the oral cavity. p. 113.
- Bobrovskikh, L.P. - Indicators of the mechanical strength of the ED-5, ED-6 and ED-40 epoxy resins and their use in orthopedic stomatology. p. 115.
- Bogdanova, G.N. - Fine vascularization of the sympathetic trunk in some mammals (rabbits, cats). p. 117.
- Bogolubov, I.U.S. - Inhibition mechanism of the motility of the gastrointestinal tract during increased pressure in the urological system. p. 119.
- Brezgunov, V.S., and others. - Comparative evaluation of the bactericidal properties of aquagen and antibiotics in pure microbial cultures and their associations. p. 121.
- Bulatov, P.N. - State of the sympathetic innervation of the heart in patients with intestinal fistulas. p. 123.
- Bunashova, D.V. - Comparative morphological analysis of the structure and topography of the receptors of the oral cavity in man and mammals. p. 125.
- Burnasheva, R.Kh. - Functional interrelations between the bile evacuating system of the liver and the cardiovascular system. p. 127.
- Valceva, Kh.G. - Morphology of the nervous apparatus of the kidneys in fish. p. 129.
- Valceva, Kh.G. - Some data on the comparative morphology of the nervous apparatus of the kidneys in vertebrates. p. 131.
- Valishin, E.S. - Effect of the denervation of the kidneys on the course of the pathological process in disorders of a normal flow of venous blood from the kidneys. p. 133.
- Volkova, I.N. - Importance of adrenalin and lipokalin in the synthesis of neural mediators and the regulation of the functional state of various innervation apparatuses. p. 135.
- Volkova, I.N., Mavrin, M.I. - Effect of lipokalin on the nervous regulation of the motor function of the ureters. p. 139.
- Gemadudinova, K.A., Rzhetskaya, G.F., Shishkova, K.A. - Inhibitory effect of some organophosphorus compounds on the foot-and-mouth disease virus. p. 141.
- Gifanov, V.S. - Mechanism of some complications in chorioretinitis. p. 143.
- Gifanov, V.S. - Role of acetylcholine in the motor regulation of the gallbladder. p. 145.
- Glubokova, T.F. - Changes in the "tyrosinohydroxylation" system under the influence of ionizing radiation. p. 147.
- Gol'dshein, M.I. - Use of radioisotopes in medicine according to materials of the X-ray and Radiological Department of the Kazan Medical Institute. p. 149.
- Gor'kova, S.A., and others. - Comparative characteristics of the biological and antimicrobial effect of armin and its chlorinated analogues. p. 151.
- Gubaidullina, A.Sh., Khabirova, G.Z. - Identification of streptococci isolated from the root canals of teeth with periodontal diseases and tonsils. p. 153.
- Gurevich, P.S. - Some aspects of the pathogenesis of the hemolytic disease of newborn infants. p. 155.
- Dommer, L.M. - New method of histological study of the hard and soft tissues of the same tooth by the use of serial ground and plain sections. p. 157.
- Domracheva, N.I. - Development of encapsulated nerve endings in the periosteum of the bones of the lower extremities of a human fetus. p. 159.
- Evrushina, O.I., Khamitov, Kh.S. - Cholinergic processes in the pathology of experimental diabetes mellitus. p. 161.
- Evsheva, O.P. - Data on the afferent innervation of the cerebral dura mater in some mammals (rodents). p. 163.
- Enikeeva, V.I. - Pathogenic properties of streptococci from the gangrenous pulp of milk teeth with caries. p. 165.
- Erzin, M.A. - Changes in some functional systems of the organism in autoimmune reactions. p. 167.
- Ermilova, E.V. - Comparative morphology of fascial vessels of the forearm and the leg in cats. p. 171.
- Zaikonnikova, I.V., Kadyrov, M.G., Kazygina, G. - Experimental studies of the harmless nature of epoxy compounds as a dental filling material. p. 173.
- Zaikonnikova, I.V., Raspopova, T.V. - Results of the work of the Pharmacological Department in the study of organophosphorus compounds. p. 175.
- Zaidenshtein, A.I.U. - Anaphylactic reaction to the introduction of some filling materials into the root canal. p. 177.
- Zefirov, L.N. - Importance of acetylcholine in the synaptic transmission of excitation. p. 179.
- Zubairov, D.M. - Role of the nervous mechanisms in the development of hypercoagulation following an acute blood loss. p. 181.
- Ibragimova, A.G. - Effect of ultraviolet rays on the parasympathetic innervation of the heart. p. 185.
- Ionov, I.U.A. - Importance of the interval between the vaccination with purified absorbed diphtheria antitoxin and the revaccination with native antitoxin. p. 187.
- Ionov, I.U.A. - Immunological effectiveness of purified absorbed diphtheria antitoxin and native antitoxin in an experiment. p. 189.
- Kadyrov, M.G. - Use of epoxy compounds as dental fillings. p. 193.

- Kuntsev, I. Kh. - Role of the autoallergic component in the mechanism of the development of experimental atherosclerosis. p. 136.
- Karpukhin, I. M. - Interceptive reflexes from the mechanoreceptors of the ileocecal section of the intestine. p. 197.
- Karimova, Z. Kh., Khabibova, G. Z. - Detection of the pathogenic properties of *Leptospira* in vitro. p. 169.
- Kozyreva, I. V. - Repairing arterial defects with compound multiflap venous autotransplants. p. 201.
- Kozyreva, I. V. - Repairing a defect of the vein with a compound multiflap venous autotransplant. p. 203.
- Kol'sova, L. A., Livshits, G. I. - Experimental study of chemical stains for the skin. p. 205.
- Konvalova, N. G., and others. - Bactericidal effect of organophosphorus preparations and antibiotics on staphylococci of the genitals. p. 207.
- Korotkov, A. G. - Afferent innervation of the arterial wall and vegetative ganglia of the mesentery of the small intestine. p. 209.
- Korotkova, M. V. - Development of encapsulated receptors in the pelvic peritoneum of a human fetus. p. 213.
- Krubovets, I. A. S. - Some structural changes in the alveolar process and the teeth of the lower jaw due to the compression of the inferior alveolar nerve in dogs. p. 215.
- Lapteva, N. V., Poryvaev, N. F., Razumovskii, I. K. - Pathomorphology of endemic goiter in the Tatar A. S. S. R. p. 217.
- Mazar, B. L. - Bacteriophage and a tuberculosis problem. p. 210.
- Makina, D. I., Raimova, N. K. - Effect of experimental hypercholesterolemia and a partial deparacitization in frogs on the phenomenon of Eichenov's inhibition. p. 221.
- Malyshev, L. K. - State of the nervous elements in protracted pruritus of the external generative organs in women. p. 223.
- Masline, I. A., Tolpegina, T. B. - Auto-sensitization of the gallbladder. p. 225.
- Matveeva, N. A. - Changes in the nervous elements of the retina in glaucoma in man. p. 227.
- Matyushova, V. R., Naumova, E. K., Posenkova, I. V. - Pharmacological and microbiological characteristics of three new groups of organophosphorus preparations. p. 229.
- Malasakli, D. N. - Changes in the dynamic equilibrium of the hemocoagulation system in auto-sensitization. p. 231.
- Minubayeva, A. Z. - Morphology of the nervous apparatus of the uterus in pregnant rabbits. p. 233.
- Minibaev, M. M. - Changes in the protein composition of the blood and lymph in experimental auto-sensitization and autoanaphylactic shock. p. 235.
- Miftakhov, N. A. - Anatomical data on the distribution of intrahepatic bile ducts. p. 237.
- Miftakhov, N. A. - So-called aberrant and inverted bile ducts. p. 239.
- Miftakhova, F. A. - Effect of ultrasonic waves on the tissue of the internal sex organs of female white mice. p. 241.
- Mikhailova, O. V. - Reaction of peripheral vessels to local X-ray irradiation. p. 243.
- Nagorina, E. S. - Effect of radioactive isotopes on the metabolism of micro-organisms. p. 245.
- Nazarova, L. A. - Arteries of the muscles of a human foot. p. 247.
- Nazarova, L. A. - Morphology of the arterial system of the human hip. p. 249.
- Nemsklov, S. F. - Immunological effectiveness of chemically combined antitubercular vaccines. p. 251.
- Nopriakhin, G. G. - Aortic lipodystrophy in rheumatic fever. p. 253.
- Nureev, G. G. - Allergic properties of some components of the skin in patients. p. 255.
- Plontak, N. E. - Mechanism of the therapeutic effect of antihypertensive preparations. p. 257.
- Plontak, N. E. - Motile and vascular effect of organophosphorus antihypertensive compounds. p. 259.
- Polikarpova, G. A., Svatko, I. G., Shmeleva, G. N. - Participation of the glial Schwann's elements in changes of myoneural synapses during pathological processes and in experiments. p. 261.
- Popkov, M. I. - Role of vascular interreceptors and other factors in the development of a homoheterotransfusion shock. p. 263.
- Posenkova, I. V. - Antagonism between some organophosphorus compounds. p. 265.
- Posenkova, I. V. - Mechanism of the action of some organophosphorus spasmolytics. p. 267.
- Rakeeva, M. V. - Fine vascularization of the spinal cord of a rabbit. p. 269.
- Rakhmatullin, I. M. - Some mechanisms of disorders in the activity of skeletal muscles in serum allergy. p. 271.
- Rzhavskaya, G. F. - Some data concerning the biological activity of new organophosphorus compounds. p. 273.
- Rodionova, E. I. - Pathogenesis of disseminated forms of pulmonary tuberculosis. p. 275.
- Rutshstein, S. I. U. - Innervation of the vessels of the upper extremities. p. 277.
- Rutshstein, S. I. U. - Innervation of the vessels of the lower extremities. p. 279.
- Salkhov, I. A., Shishkina, A. I. - Some characteristics of acute diffuse peritonitis in allergy. p. 281.
- Svalko, L. G., Uvarova, I. V. - Distribution of polysaccharide complexes in human stapes in health and in otosclerosis. p. 283.
- Suolotseva, N. V. - Morphology of hard dental tissues in hypoplasia. p. 285.
- Schastlivtseva, A. A. - Morphology of the spinal root of the accessory nerve. p. 287.
- Syzmanova, K. N. - Experimental transplantation of the ovary into the uterus. p. 289.
- Timosheva, N. V. - Micromorphological characteristics of the proprioceptive nerve endings of the skeletal muscles during the period of their regeneration. p. 291.
- Tikhonova, A. E. - Morphology of intraorganic vessels of the vegetative ganglia in the abdominal cavity of the human fetus. p. 293.
- Tolpegina, E. N. - Sources of the sympathetic innervation of the membranes of male sex glands. p. 295.
- Tukharova, Sh. Z. - Antimicrobial effect of some organophosphorus compounds on freshly isolated *Proteus* strains. p. 297.
- Turnashova, G. I. - Special cells in the composition of hair receptors. p. 299.
- Tukhvatullina, L. V. - Functional state of parasympathetic innervation of the heart in irradiated animals. p. 301.
- Ulanbekov, E. G. - Enzymes oxidizing carbohydrates in tissue receptors. p. 303.
- Fedorov, P. N. - Effect of auto-sensitization on some functional parameters of the liver. p. 305.
- Fedorov, M. I. - Period of the development and duration of the healing of the rope imprints in persons revived after hanging. p. 307.
- Fedorov, M. I. - Determination of the duration of stangulation according to the clinical picture. p. 309.
- Fedorova, N. V., Iunusova, A. N. - Changes in the cholinergic reaction of the blood in dogs following a thyroidectomy. p. 311.
- Frauchi, V. Kh. - Further study of the problem of lymphovenous anastomoses. p. 313.
- Khamitov, Kh. S. - Biosynthesis of acetylcholine in the tissues of deparacitized animals. p. 315.
- Khamitov, F. S. - Role of neurohumoral factors in trophic disorders of the oral cavity in experimental gastric ulcer in dogs. p. 321.
- TShiberg, E. D. - Changes in cholinergic processes and some humoral shifts in experimental auto-sensitization with intestinal tissues. p. 323.
- Shurinov, G. M. - Outcome of a vascular transplant and the role of the omentum as the vascularizing agent in obliterating vascular diseases. p. 325.
- El'yadina, O. K. - Some functional and morphological changes in tumorous cells under the influence of yota. p. 327.
- Iunusova, A. N. - Effect of the removal of the thyroid gland on the chromaffin activity of the medullary substance of the adrenal glands. p. 329.
- Iankovskaya, N. F. - Participation of the cervical spinal ganglia in the sensory innervation of the larynx. p. 333.
- Iakikh, F. A. - Epileptic attacks in experimental renal hypertension in rats. p. 335.
- Abdrakhmanova, R. Sh., Vallmukhametova, D. A. - Dynamics of alveolar respiration under the influence of hormone therapy in patients with lung and heart diseases. p. 339.
- Altinov, V. N., Lozanov, N. M. - Prophylaxis of allergy. p. 341.
- Amurleeva, V. K. - Exocrine function of the pancreas in diseases of the biliary tract and secretory insufficiency of the stomach. p. 345.
- Akhmetov, S. F. - Serum glycoproteins and proteins in kidney diseases. p. 347.
- Aldunzianova, R. Kh. - Participation of the liver in diseases of the biliary tract based on electrophoretic data on serum protein fractions. p. 349.
- Atopova, R. I., Dublyko, S. A. - Morphology of the pulp of milk teeth at the stage of root resorption and during anomalies in secondary dentition. p. 351.
- Bazarova, I. M., Nefedova, M. G., Shvareva, A. I. - Importance of the Donaglo reaction in determining the activity of the rheumatic process in children. p. 353.
- Balbekova, Sh. Kh. - Dynamics of intestinal obstruction in diseases of the upper urinary tract. p. 355.
- Belykh, S. I. - Clinical aspects, diagnosis and treatment of renal neoplasms. p. 357.
- Baklova, R. G., and others. - Effect of protracted pregnancy on the course of labor and the fetus. p. 359.
- Baklova, R. G., Korotkova, O. A., Mironova, T. A. - Average blood loss during the placental and early postnatal periods of labor and the factors influencing it. p. 363.
- Bukleya, R. G., Mironova, T. A. - Neuromas in the cavity of the small pelvis. p. 367.
- Bologorskaya, E. V. - Colibacillosis in very young children. p. 369.
- Bikhulova, Kh. S., Bilich, I. L., Talantov, V. V. - Special mechanisms of the pathogenesis of peptic ulcers and their correlation during treatment. p. 371.
- Bilich, I. S., Nefedova, M. G. - Saturation of the organism with vitamins in peptic ulcers. p. 373.
- Brudnala, K. B., Stepanova, R. I. - Detection of mycobacterium tuberculosis in the sputum in relation to the form of the tuberculous process and the quantity of antibiotics taken. p. 377.
- Bulatov, P. N. - Some clinical data on intestinal fistulas in children. p. 379.
- Valeev, A. I., Kogan, E. A., Stankevich, E. S. - Effect of stelazine on the mental state and the course of cholinergic processes in the organism of schizophrenics. p. 381.
- Vallullina, F. G. - Electrophoresis using the vitreous body in treating a trachomatous pannus and a persistent turbidity of the cornea. p. 383.
- Vasil'ev, Zh. Kh. - Dynamics of the level of free 17-oxycorticosteroids in the blood of patients with cardiovascular diseases in relation to operative treatment. p. 385.
- Vasil'ev, Zh. Kh., Volkov, V. E. - Use of hydrocortisone in operations on the heart. p. 387.
- Vasil'ev, Zh. Kh., Subitova, A. I. - Determination of the available and the potential functional reserves of the adrenal cortex in patients with cardiovascular diseases. p. 389.
- Voronts, K. V. - Induction of labor. p. 391.
- Voronts, K. V. - Importance of some factors for the beginning and the course of induced labor. p. 395.
- Vlashev, R. A., Sorokin, N. M. - Some characteristics of the course of peritonitis in patients with Dunaeva, V. G., Sotnikova, L. G., Iakubova, Z. N. - Immediate and late results of treating and threatening abortion. p. 421.
- Elizarova, L. A. - Immediate and late results of the use of glass reinforced plastics for permanent dentures. p. 425.
- Zhilnov, V. I. A. - Our experience in the use of the Soviet preparation bilignost in the examination of the gallbladder and bile ducts. p. 427.
- Zaripova, M. G. - Pathological changes in the oral cavity in goiter. p. 429.
- Zubalova, G. O., Stankevich, E. S. - Clinical electroencephalographic observations in schizophrenia and psychasthenia treated with stelazine. p. 431.
- Ibragimova, A. G. - Study of the adrenal function by determining 17-oxycorticosteroids, 17-ketosteroids and adrenalinetic substances in infectious non-neoplasms. p. 439.
- V'ladova, M. G. - Dynamics of the changes of total protein and protein fractions in children during the period of infancy. p. 403.
- Gashimov, F. G. - Clinical and experimental amputation in treating pulpitis. p. 405.
- Gelfand, L. L. - Balance of ascorbic acid in Botkin's disease. p. 407.
- Davydov, V. I. A. - Dynamics of the coefficient of incomplete oxidation of urine, function of external respiration and basal metabolism in influenza. p. 409.
- Davydov, V. I. A. - Dynamics of the coefficient of incomplete oxidation of urine, function of external respiration and basal metabolism in acute dysentery. p. 413.
- Dzhumadilov, D. N. - Anesthesia in orthopedic traumatology. p. 415.
- Dunaeva, V. G., Zalkonnikova, I. V. - Organophosphorus preparations in treating trichomoniasis in women. p. 417.
- specific (rheumatoid) arthritis. p. 433.
- Ibragimova, A. G. - Dynamics of 17-oxycorticosteroids and adrenalinetic substances in rheumatic endocarditis in the stage of decomposition. p. 435.
- Ionova, O. P., Savol'ev, V. E. - Cytological diagnosis of cancer of the urinary bladder. p. 437.
- Ishmukhametova, G. Z. - Biochemical shifts in the organism of patients with hypertension during hypertensive crises. p. 439.
- Kabulbekov, A. A. - Importance of the vitamin B₁₂ balance in operations of a cleft upper lip and palate in children. p. 443.
- Karimova, Z. Kh. - Leptospirosis in man induced by *Leptospira* ratius. p. 445.
- Karimova, Z. Kh., Rodionova, E. I. - Propolis in the treatment of tuberculosis. p. 449.
- Kochurats, V. I. - Duration and intensity of antidiarrheal immunity in children vaccinated with various vaccine types. p. 451.
- Kimbayeva, E. A. - X-ray manometry in the evaluation of indications for choledochotomy. Choledochoscopy. p. 453.
- Krasnoperov, F. T. - Comparative data on some indices of the blood coagulation and anticoagulation systems in patients with atherosclerosis and pulmonary heart disease. p. 455.
- Krasnoperov, F. T. - Prothrombin index and heparin time in diseases of the liver. p. 457.
- Krasnoperova, K. E. - Humoral mediators of nervous stimulation in exudative diathesis in children. p. 459.
- Krupina, N. N., Solodtseva, A. M., Iakubova, Z. N. - Further study of hormonal "forceps" in practice. p. 461.

Krupnik, I. F. - Surgical preparation of the oral cavity for dentures. p. 463.

Kudryavtseva, N. P. - Pathogenesis of diphtheria in vaccinated children. p. 465.

Kuznetsova, L. A. - Protein fractions of the blood during acute dysentery in children. p. 466.

Maksudova, R. Kh. - Some data on the clinical aspects and the pathomorphology of glossodynia. p. 471.

Maksutova, I. I. - Late results of treating periodontitis in children. p. 473.

Malanskaya, K. A. - Pathological interception in chronic diseases of the bile evacuating system of the liver. p. 475.

Medvedev, N. P., and others. - Problems in the histochemistry and physiology of defects of the heart. p. 479.

Mendelevich, D. M. - Study of the bioelectric activity of the brain in the delirious form of involutional psychosis. p. 483.

Meshechov, Kh. Kh., Sotnikova, L. G. - Electrophoretic study of the blood serum in normal pregnancy and late toxemia. p. 485.

Mironova, T. A. - Morphological changes in the fetal membranes in a premature rupture of the bag of waters. p. 487.

Morozov, V. G. - Selection of anesthesia for elderly and senile persons. p. 489.

Morozova, N. D., Nefedova, M. G. - Clinical importance of determining the titer of antistaphylococcal antideoxyribonucleases in various forms of rheumatic fever. p. 491.

Musin, M. F. - Skin thermometry and arteriography in obliterating endarteritis. p. 493.

Nadyrova, G. G. - Effect of various methods of specific treatment on clinical and bacteriological indices in diphtheria. p. 495.

Nasibullin, G. G. - Forms and sizes of the elements of the temporomandibular joint according to X-ray data. p. 497.

Nechumayev, L. M. - Topographic and anatomic substantiations of the resection of a human liver. p. 499.

Nikolaeva, M. V., Safina, S. G. - Some data on the development of children borne by mothers with toxoplasmosis. p. 501.

Ovratnik, G. D. - New approach to anesthesia affecting the hard tissues of the tooth. p. 503.

Ovratnik, G. D. - Some results of studies on prophylaxis and treatment of caries of the teeth and its complications. p. 505.

Ozol, A. S. - Dynamics of the phagocytic function of leukocytes in the blood of patients with neoplastic diseases using fractionated and continuous methods of radiotherapy. p. 509.

Okaman, I. M. - Basic scientific trend of the Department of Orthopedic Stomatology during 1958-1964. p. 511.

Okaman, I. M. - Regeneration of the hard tissues of a tooth following a trauma. p. 513.

Okulova, Z. M. - Functional state of the adrenal cortex in some pathological processes in children. p. 515.

Peshmaldzhan, A. A. - Importance of immunological tests (antistreptolysine-O, C-reactive protein) and of sialic acid in determining the activity of the rheumatic process. p. 517.

Polikarpova, Z. F. - Importance of a tonal audiogram in topical diagnosis of diseases of the acoustic nerve. p. 521.

Pustovalova, L. B. - Importance of magnesium in the pathogenesis of rickets. p. 523.

Rakhtimskiy, Kh. S. - Further improvement of the method of compression osteosynthesis in surgical treatment of minor extended defects without osteoplasty. p. 525.

Romanova, N. A. - Role of immunological indices in the clinical course and the pathogenesis of dysentery in children. p. 527.

Shaburova, V. A. - State of protein fractions and saturation of the organism with vitamin C in the process of surgical and radiation treatment of tumors. p. 529.

Sadykov, B. G. - Desensitizing treatment in rhesus- and ABO-incompatible pregnancies. p. 531.

Sadykov, B. G., Semkina, D. P. - Rhesus and ABO-antigen interrelations of the blood of the mother and the fetus during nephropathy in pregnant women. p. 533.

Samerkhanova, K. B. - Effect of syntomycin on the activity of the cardiovascular system. p. 535.

Safina, S. G. - Course of pregnancy, labor and outcome for the fetus in pregnant women with toxoplasmosis subjected to prophylactic treatment. p. 537.

Svatkina, K. A. - Recent data on the pathogenesis, prevention and treatment of rickets. p. 539.

Shrokin, V. M. - Phenomenon of posttetanic potentiation in myasthenia and myotonia. p. 543.

Slydykov, E. N. - Local novocaine anesthesia in operations on the organs of the small pelvis. p. 545.

Skorkina, N. F. - Clinical picture of the tongue in gastritis and peptic ulcer of the stomach and the duodenum. p. 547.

Sotnikova, L. G. - Comparative data on the study of glycoproteins and sialic acid of the blood serum in normal pregnancy and in late toxemia. p. 549.

Stankevich, E. S. - Normal and pathological forms of compensation in thinking disorders in schizophrenia. p. 551.

Starkova, N. V. - Dynamics of the titers of anti-streptolysin-O and C-reactive protein following commissurotomy. p. 553.

Stratonov, V. M. - Changes in hyaluronidase activity in the blood serum in tuberculosis under clinical and experimental conditions. p. 555.

Suvorova, G. N. - Ammonia content in the blood in epidemic hepatitis. p. 557.

Syzganova, K. N. - Hydroablation as a therapeutic method in tubal sterility. p. 559.

Tankevskaya, V. I. - Diagnosis of tumors of the brainstem in children. p. 561.

Ulitkaya, L. A. - Study of the incidence of caries in relation to pregnancy. p. 563.

Faizullina, G. L. - Clinical aspects and treatment of pretumorous and tumorous diseases of the larynx. p. 565.

Firsov, P. D. - Determination of the stages of malignant tumors of the upper respiratory tracts. p. 567.

Khaitonov, I. F. - Problems of nervous in the scientific and practical activities of the A. V. Vishnevskii Clinic of the Department of Surgery. p. 569.

Sharafutdinova, Z. S. - Some results of the study of causes of material mortality in the Tatar Republic during the past 50 years. p. 573.

Shubin, V. N. - Operability of surgical patients. p. 575.

Shecherbakenko, S. I. - Cholerae and adrenergic reactions in rheumatic fever and their biological importance. p. 579.

Epshtein, I. A. Z. - Fluctuation of the level of sialic acid in patients with acute osteomyelitis of the jaws in relation to the methods of treatment. p. 581.

Iakubova, Z. N. - Determining the time of prenatal maternity leave based on the estimated weight of the intrauterine fetus. p. 583. (DNI-34)

KAZANSKII MEDITSINSKII ZHURNAL [KAZAN MEDICAL JOURNAL] Organ of Ministerstvo zdravookhraneniia Tatarskoi ASSR and Sovet nauchnykh meditsinskikh obshchestv [Ministry of Health of the Tatar A S S R and the Council of Medical Societies]. Kazan, no 0, Nov-Dec, 1964.

*MEDITSINSKAIA RADIOLOGIYA [MEDICAL RADIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 9, no. 11, Nov. 1964.

Table of contents translated.

Kalina, V. O., and others. - Sequelae of radiotherapy of cancer of the larynx. p. 3.

Tusov, V. V., and others. - Functional status of the principal digestive glands in patients with thyrotoxicosis during ¹³¹I therapy. p. 7.

Dozorov, I. U. L., Bogdanovich, G. I. - Electrocardiographic data on patients with diffuse toxic goiter during ¹³¹I therapy. p. 15.

Mochalov, A. M. - Experience with radiotherapy of cancer of the lower lip. p. 18.

McLennan, L. P. - Distribution of ¹³²I in the normal breast, according to external detection data. p. 23.

Kiseleva, F. S., Dar'jalova, S. L. - Distribution in the animal body of colloidal solutions of radioactive chromium phosphate and zirconyl phosphate following various methods of administration. p. 29.

Palitskii, D. G. - Gammagraphy profile in radioisotope examination of the thyroid gland. p. 36.

Volekhova, N. A. - Individual sensitivity of dogs to the effect of radiation. p. 40.

Chigirinskii, L. M., Kremer, P. B. - Experience in the organization of a radiological department in an inter-district oncological dispensary. p. 45.

Khanykova, O. K., Zharova, F. I., Raushenbakh, M. O. - ^{C14} labelled acetic metabolism in experimental leukemia. p. 49.

Revis, V. A., Titov, V. N. - Protein metabolism of the liver and kidneys in acute radiation sickness according to histoautoradiography data. p. 54.

Kolosov, S. S., Prukhanskii, V. S. - Methodology of calculating cross sections of the body in planning radiotherapy of tumors of organs in the thoracic cavity. p. 62.

Chernenko, G. T. - Mercamine. p. 65.

Zedgenidze, G. A., Osipov, I. S. - International symposium on evaluation of the content of radioactive substances in the human body. p. 70.

Astakhov, I. A. - Abstracts of dissertations on medical radiography defended in 1960-1962. p. 91.

Vol. 10, no. 7, July 1965.

Table of contents translated.

Kozlova, A. V. - Modern methods of large focus skin distance gamma therapy in malignant tumors. p. 3.

Pereslegin, I. A., Drukanov, A. I. - Radiotherapy in recurrent cancer of the lungs. p. 9.

Gamaleia, A. N., and others. - Distribution of the dosage fields in pendulum gamma therapy in tumors of the rectum and urinary bladder. p. 16.

Nivinskii, M. M., Pichugina, M. N., Avdeeva, I. A. - Short focus skin distance intrauterine X-ray therapy in compound treatment of cancer of the cervix uteri. p. 19.

Kiseleva, V. N., Kiseleva, Z. L., Motuzina, L. A. - Treatment of cancer of the corpus uteri with radio-active cobalt beads. p. 24.

Solovko, A. I. U. - Short focus skin distance X-ray therapy of angiomatosis. p. 27.

Bilbeigal', A. V., Ratner, T. G. - Calculation of non-uniformity in dosimetric substantiation of gamma therapy. p. 34.

Iablenik, E. B. - Some functional studies in short focus skin distance X-ray therapy of skin cancer. p. 36.

Demidas, V. V., Voronenko, T. V. - ¹³¹I radiotherapy following surgical treatment of thyrotoxicosis. p. 41.

Kaluzhnyi, I. I. - ¹³¹I treatment in grave coronary, cardiac and pneumocardial insufficiency. p. 46.

Burkina, A. F., Kosobukova, T. D. - Use of X-ray irradiation for the treatment of crystalline lens substance. p. 53.

Amarov, V. A., and others. - Functional activity of leucopoietic elements in leukemia. p. 56.

Chukov, E. M., Tsidiskii, B. A. - Effect of sodium nicotinate, riboflavin and folic acid on phagocytosis in the process of X-ray therapy in malignant tumors. p. 61.

Kanov, A. E., Gencelchik, K. I. - Behavior of radioactive cerium fluoride (Ce¹⁴⁴F³) in the lungs following intratracheal introduction. p. 65.

Gencelchik, K. I. - Method for intravital study on the removal of gamma radioactive substances from the lungs. p. 69.

Kislanova, G. I., Doshchenko, N. M. - Radiation necrosis of the brain, observation in practice. p. 72.

Shil'syn, R. V. - Selection of radiation energy in large focus skin distance therapy. p. 76.

Krongauz, A. N., Shagimurdanov, N. Sh. - Rules for the determination of relative deep doses and selection of conditions for irradiation by large focus skin distance gamma-rays. p. 83.

Dzholdybayev, M. S., Baimukhanov, S. D. - Some changes in the construction of tubes in the GUT-C-400 unit. p. 86.

Professor Ivan Teodosovich Shevchenko, on his 60th birthday. p. 92.

Vol. 10, no. 8, Aug. 1965.

Table of contents translated.

Zedgenidze, G. A. - Postirradiation restorative processes on the level of the organism, tissues and cells. p. 5.

Korogodin, V. I. - Kinetic regularities of the post-radiation restoration of cells. p. 17.

Chevalier, A. - Problems of combined chemo- and radiotherapy. p. 24.

Matho, George. - Recent studies on the clinical use of general irradiation and on bone marrow transplantation. p. 32.

Moskalev, I. U. I., Strel'tsova, V. I. - Radiation-induced carcinogenesis. p. 40.

Svalukhin, M. V., Sorokina, I. U. D. - Restorative processes following irradiation and their relation to radiation leukemia. p. 47.

Tubina, M., Frindel, E. - Radiosensitizers and methods for increasing radio-sensitivity. p. 55.

Strelin, G. S., Eysukov, V. I. - Inhibition and restoration of the capacity for regeneration of peripheral nerves following irradiation. p. 67.

Markovich, G. - Genetic control of the sensitivity of micro-organisms to a lethal effect of irradiation. p. 73.

Vodronne, Cl. - Regeneration of nerve centers and cerebral membranes following irradiation. p. 79.

Moskalev, I. U. I. - Conference of experts on permissible levels of irradiation of the population in emergencies and accidents. p. 84.

Moskalev, I. U. I. - Conference of experts on the basic standards of radiation safety. p. 90.

*MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, Razdel [Section] 3, vol. 8, no. 9, Sep. 1965.

Razdel [Section] 5, vol. 9, no. 9, Sep. 1965.

Razdel [Section] 9, vol. 9, no. 9, Aug. 1965.

Razdel [Section] 10, vol. 9, no. 8, Aug. 1965.

Razdel [Section] 11, vol. 9, no. 9, Sep. 1965.

MEDITSINSKII ZHURNAL UZBEKISTANA [MEDICAL JOURNAL OF UZBEKISTAN] Issued by Ministerstvo zdravookhraneniia and Akademii nauk UzSSR [Ministry of Health and the Academy of Sciences of the Uzbek S S R.]. Tashkent, nos. 7-8, July-Aug. 1965.

MOSCOW, Pervyi Meditsinskii Institut. Trudy [FIRST MEDICAL INSTITUTE, Transactions]. Vol. 39, 1963.

Table of contents translated.

Lindenbraten, L. D. - X-ray examination of the functions of the gallbladder. p. 7.

- Lindenbaten, I. D. - Function of the normal gallbladder in the X-ray picture. p. 21.
- Aslapov, B. M. - Effect of basic food products on the motor function of a normal gallbladder. p. 39.
- Kruglakov, I. O. - Effect of the quantitative composition of various nutritional stimulants on the motor function of the gallbladder in healthy persons. p. 54.
- Kulichev, V. A. - Effect of combinations of food products on the motor function of a normal gallbladder. p. 66.
- Klimov, P. K. - Disorders of bile secretion in neurosis, an experimental study. p. 71.
- Uefelin, V. A. - Motor function of the gallbladder in acute Botkin's disease. p. 87.
- Uefelin, V. A. - Motor function of the gallbladder in late sequelae of Botkin's disease. p. 94.
- Poliakov, N. M. - Motor function of the gallbladder in chronic diseases of the biliary tract during treatment at Yessentuki Health Resort, X-ray observations. p. 103.
- Guseva, V. A. - Effect of a mixture of bread and eggs on the motor function of the gallbladder in some diseases of the gastrointestinal tract. p. 115.
- Recher, I. U. L. - Effect of various quantities of a homogeneous nutritional stimulant on the motor function of the gallbladder in duodenal ulcer. p. 125.
- Poliak, E. Z. - Dyskinesia of the biliary tract in peptic ulcer. p. 131.
- Ioffe, V. S. - Effect of atropine on the motor function of the gallbladder in peptic ulcer and chronic cholecystitis. p. 140.
- Klyvak, G. V. - X-ray diagnosis of disorders of the motor function of the gallbladder in typhoid fever patients and in healthy persons. p. 155.
- Kulichev, V. A. - Combined X-ray examination of the evacuative function of the gallbladder and stomach. p. 159.
- Notkin, F. B. - X-ray study on the effect of fat on the motor and evacuative function of the stomach by means of cholecystography. p. 166.
- Kulikov, V. A. - Evaluation of the concentrating function of the gallbladder in chronic cholecystitis. p. 180.
- Kulikov, V. A. - Concentrating function of the gallbladder in peptic ulcer of the stomach and duodenum. p. 194.
- Lindenbaten, I. D. and others. - Phenomenon of the enlargement of the gallbladder during cholecystography. p. 199.
- Klyvak, G. V. - Concentrating and motor function of the gallbladder in typhoid fever and acute and chronic dysentery, based on cholecholegraphic and cholecystographic data. p. 206.
- Klyvak, G. V., Fel'dman, B. D. - Comparative evaluation of data obtained by cholecholegraphy and duodenal catheterization in studying the concentrating function of the gallbladder. p. 217.
- Smirnovskii, N. A. - Methodology for X-ray study of the motor function of the gallbladder. p. 219.
- Poliak, E. Z. - Methodology for measuring the volume of the contents of the gallbladder. p. 222.
- Kruglakov, I. O. - Some aspects of a cybernetic approach to the analysis of the functions of the gallbladder by means of cholecystography. p. 232.
- Novikova, L. V., Khidibeli, Kh. A. - Methodology for the evaluation of the radiation loads during cholecystography and cholecholegraphy. p. 239.
- Soltanjanov, R. M. - Some electrolytic changes in patients with diabetic nephropathy. p. 57.
- Molotilova, G. P. - Difference between the cytoplasm granules of mature neutrophilic leucocytes in healthy persons and leukemia patients. p. 64.
- Vladimirova, A. V. - Characteristics of the coagulating and noncoagulating blood systems in various phases of rheumatic fever and in relation to its treatment. p. 69.
- Korovin, M. I. - Diagnosis of immune thrombopenia by the method of utilizing antiglobulin serum. p. 80.
- Ishykova, E. I. - Hemoglobin synthesis in anemia. p. 85.
- Gigor'eva, V. D. - Use of ultrasound in peptic ulcer. p. 90.
- Dudanova, S. I. - Pathogenesis of adipose dystrophy of the liver in experimental toxic hepatitis. p. 99.
- Dvornikova, I. O. P. - Determination of the absorptive capacity of the small intestine in chronic enterocolitis by the method of radioactive tracers. p. 108 (DNLM).
- Vol. 78, 1965.
- Table of contents translated:
- Trivov, N. L. - Significance of clinical and serological indices for the diagnosis of adenovirus diseases in young children. p. 3.
- Alferova, M. P. - Clinical epidemiological observations in paratyphus in children. p. 8.
- Vetsevik, S. A. - Materials on the study of respiratory diseases in children's homes. p. 14.
- Vikhitova, Z. I. - State of antitoxic immunity in young children during staphylococcal infection. p. 18.
- Pokrovskaya, N. I. A. - Some immunity indices in young children with purulent meningitis treated with massive penicillin doses. p. 25.
- Vorontsov, G. I. A. - Protein fractions of the blood serum in toxoplasmosis and their clinical significance. p. 31.
- Stanko, E. V. - Materials of the clinical aspects of ulcerative colitis. p. 36.
- Iuzhnikova, K. F. - Significance of fractional determination of bilirubin in newborn infants. p. 41.
- Levitskaya, S. V. - Some hematological indices in infectious polyarthritis in children. p. 45.
- Rozhnova, V. - Results of the immobilization reaction of *Trichomonas pallidum* by means of dried sera. p. 51.
- Sosulina, G. K. - Significance of the protein-lubricin test in the diagnosis of stillbirth. p. 55.
- Ivitskaya, S. V., Kats, E. B. - Kasabach-Merrill syndrome in a 2-month-old infant. p. 63.
- Strelbitskaya, R. F. - Characteristics of falling asleep and awakening in children with various typological properties of the higher nervous activity. p. 68.
- Zinchenko, S. M. - Characteristics of intellectual disorders in children with congenital myxedema. p. 71.
- Granovskaya-Tsvetkova, A. M. - Mauriac's syndrome in children. p. 77.
- Kavalkina, E. P. - Congenital dysfunction of the adrenal cortex in boys. p. 80 (DNLM).
- MOSCOW, UNIVERSITET DRUZHBY NARODOV, Trudy [UNIVERSITY OF THE FRIENDSHIP OF PEOPLES Transactions], Vol. 7, 1964, Voprosy meditsiny [Problems in Medicine], no. 1.
- Table of contents translated:
- Gromov, A. P. - Work on the methodology of teaching and scientific research at the Medical Faculty. p. 9.
- Belezov, T. T. - Isolation and purification of α -amylase from the liver of rats. p. 22.
- Belezov, T. T., Khesman, V. M. - Decarboxylation of glutamic acid malignant tumors. p. 30.
- Belezov, T. T., Khesman, V. M. - Effect of pyridoxal-5-phosphate and DL-penicillamine on the decarboxylation of glutamic acid in homogenates of a rat rhabdomyosarcoma. p. 39.
- Iarovaia, G. A. - Effect of a high myofibril content in the environment on purine metabolism in man. p. 44.
- Kullanda, K. M. - Some problems of the physiology of nerve cells. p. 58.
- Chemskova, S. A. - Reactivity of decontaminated animals. p. 105.
- Lebedinskaya, E. I., Millutina, L. A. - Some characteristics of the formation of temporary connections in intact pigeons and birds deprived of the cerebellum (according to data of electrophysiological analysis). p. 115.
- Uryvaev, I. V. - Dynamics of changes in the electroencephalogram during the formation of the motor component of a conditioned food reaction. p. 127.
- Talyzin, F. F., and others. - Detoxicating effect of propyl gallate, heparin and hydrocortisone on the venom of *Vipera lebetina*. p. 134.
- Ulitsova, T. N. - The brown pigment lipofuscin in health and pathology. p. 140.
- Iulina, N. A. - Inflammatory reaction in the subcutaneous connective tissue of albino rats to the destruction of the hypothalamus and the simultaneous removal of the adrenal glands. p. 158.
- Medvedev, D. I. - Effect of acceleration on the ribonucleic acid content in Betz cells of the motor area of the cerebral cortex. p. 165.
- Kikhrko, V. S. - Survival of parasitic microbes in the external environment. p. 171.
- Ezhov, G. I. - Changes in the serum protein picture of animals during the immunization process. p. 181.
- OMSK, MEDITSINSKII INSTITUT, Trudy [MEDICAL INSTITUTE, Transactions], No. 54, 1964.
- Table of contents translated:
- Noritskii, I. S. - Cholesteatomas of the brain according to materials of dissections performed in Omsk. p. 5.
- Savchenko, I. U. N., Zinov'ev, A. S. - Epidural intracranial cholesteatomas. p. 21.
- Veselova, V. V., Nikitina, E. I. - Clinical and anatomical parallels in meningiomas (arachnoidendotheliomas) of the brain. p. 27.
- Kovalenko, V. L. - Bronchial adenomas and their relation to cancer of the lungs. p. 37.
- Kovalenko, V. L. - Primary cancer of the lungs according to materials of autopsies performed in Omsk. p. 47.
- Boiko, E. K. - Cancer of the stomach according to materials of autopsies performed in Leningrad. p. 61.
- Trachenko, V. G. - Amylase activity of the saliva in some precancer diseases in man. p. 71.
- Stepanenko, A. S. - Secretion and oxidizability of the saliva in healthy persons and patients with gastric cancer. p. 77.
- Malusov, I. E. - Electrophoresis of blood serum proteins from healthy donors and from patients with gastric cancer in the process of blood preservation. p. 83.
- Sarapkina, T. P. - Activity of uropepsin and uric diastase in gastric cancer. p. 95.
- Sarapkina, T. P. - Enzymic spectrum of the blood in healthy persons and in patients with gastric cancer. p. 103.
- Zykov, I. U. A. - Some problems in the surgical treatment of cancer of the duodenal papilla. p. 111.
- Makokha, N. S. - Causes of lethality and infrequent complications following radical surgery on pancreaticoduodenal cancer. p. 117.
- Mikhailov, V. I. A. - Pathomorphology of cancer of the body and tail of the pancreas. p. 131.
- Mikhailov, V. I. A. - Islet cell cancer of the pancreas. p. 151.
- Koshukov, S. D. - Primary cancer of the liver in opisthorchiasis in man. p. 159.
- Shinechik, N. V. - Skin cancer according to materials of the Omsk Province Oncological Dispensary for 5 years (1958 - 1962). p. 165.
- Malusov, I. E. - Electrophoresis of blood serum proteins from leukemia patients in the process of blood preservation. p. 171.
- Bul'baev, K. S. - Dynamics of mesenchymal cellular reaction in the development of a transplanted acetic Ehrlich's carcinoma in white mice. p. 179.
- Guzdeva, K. N. - Dynamics of the content of glycogen in the liver of rabbits in the development process. p. 189.
- Gromova, L. G. - Electrophoretic picture of the proteins of the blood serum and brain in white mice with transplanted cancer. p. 199.
- Guzdeva, K. N. - Qualitative characteristics of the liver glycogens in experimental cancer. p. 207.
- Antif'eva, D. A. - Protein spectrum of the blood serum, liver and kidneys in transplanted cancer in white mice. p. 215.
- ORDZHONIKIDZE, SEVERO-OSSETINSKII GOSUDARSTVENNYI MEDITSINSKII INSTITUT, Sbornik nauchnykh trudov [NORTH OSSETIAN STATE MEDICAL INSTITUTE, Papers], No. 14, 1963.
- Table of contents translated:
- Bagulov, M. N. - Aging of the eye. p. 5.
- Ivarov, Z. I. - Biomicroscopy and pathomorphology of the iris in long-lived persons. p. 16.
- Ivarov, Z. I. - Rigidity of the sphincter pupillae in long-lived persons. p. 22.
- Dmitrieva, A. A. - Examination of blood protein fractions in patients with some dystrophies of the retina. p. 28.
- Samedova, U. N. - Comparative data on the state of blood proteins in patients with senile cataracts and in healthy persons. Report No. 3. p. 33.
- Perolygin, N. I. - Some biochemical processes in the cornea subjected to deep freezing, an experimental study. p. 38.
- Thurlov, I. U. A. - Treatment of primary glaucoma with general mineral baths from the "Dolinsk No. 1" spring at the Nal'chik health resort. p. 43.
- Besolova, Z. V., Belezov, Z. P. - Dispensary service for glaucoma patients in North Ossetia. p. 50.
- Blaeva, F. K., Pokuts, L. S. - Dispensary service for glaucoma patients in the Kabardino-Balkar A.S.S.R. p. 61.

- Sakharova, M. M., El'kina, F. B. - Results of conducting preventive screenings for glaucoma in Grozny in 1962. p. 65.
- Lipovskaya, A. I. - Effect of neoplastic and ganglionic blocking agents on glaucoma patients. p. 68.
- Beizova, Z. P. - Surgical treatment of a painful absolute glaucoma. p. 77.
- Prochorova, V. B., Shelikina, O. G. - Surgical treatment of uveal glaucoma. p. 81.
- Sakharova, M. M., Viltzina, M. R. - Congenital and juvenile glaucoma according to data collected for 6 years at the ophthalmological department of the Republic Hospital of the Chechen-Ingush A.S.S.R. p. 87.
- Klatsukov, A. A. - Late observations on the course of glaucoma in aphakic eyes. p. 91.
- Protopopov, B. V., Murzin, A. A. - Use of the proteolytic pancreatic enzymes trypsin and alpha-chymotrypsin in ophthalmology. p. 96.
- Makanova, N. L. - Gamma globulin in herpetic lesions of the eye. p. 100.
- Vodovozov, A. M., Efet, V. A. - Anticoagulants in the treatment of dystrophic lesions of the retina. p. 103.
- Tishkova, L. D. - Effect of pentoxyl on the healing of penetrating linear wounds of the cornea, an experimental study. p. 108.
- Malachenkova, E. V. - Aerolization in the treatment of eye diseases. p. 114.
- Klykova, A. L. - Modification of the method of sliding intracapsular extraction of a cataract. p. 122.
- Tishkova, P. M. - Clinical aspects of a complicated cataract and prevention of postoperative complications. p. 125.
- Chiplakova, T. P., Fokicheva, R. A. - Traumatic dislocations of the crystalline lens. p. 130.
- Novruzov, M. E. - Our experience in the extraction of a cataract preserving a round pupil. p. 135.
- Orlova, V. K. - Surgical treatment of detachments of the retina according to data of the K. V. Orlov Eye Clinic of the Rostov State Medical Institute. p. 139.
- Bugayeva, I. B. - Dacryocystitis in newborn infants and its causes, diagnosis, and treatment. p. 143.
- Aldarova, E. M. - Dacryocystorhinostomy modified by A. G. Blazov. p. 148.
- Kokain, Z. V. - Clinical characteristics of operations on the horizontal ocular muscles in concomitant strabismus. p. 152.
- Bugulov, M. N., and others. - Pathology of the fundus oculi in diseases of the cardiovascular system. p. 156.
- TSintezde, V. I. - State of the vessels of the fundus oculi in atherosclerosis. p. 163.
- Adykhayev, A. Kh. - Dynamics of changes in the fundus oculi in the treatment of hypertension with apocis and ganglionic blocking agents. p. 170.
- Taganlik, V. L. - Changes in the fundus oculi in rheumatic fever. Preliminary report. p. 178.
- Kolmakova, A. E. - Hair test of the corneal sensitivity in rheumatic fever. p. 183.
- Beradz, N. I., Chkonis, E. A., Nachkepta, M. E. - Topoplasmicosis of the eye. p. 190.
- Kucheva, L. G. - Toxoplasmosis of the eye. p. 194.
- Bravkina, Z. V. - Use of anesthesia in eye clinics. p. 198.
- Polukhov, M. V. - Role of the interstitial substance of the optic disk in the pathogenesis of papilledema in brain tumors. p. 205.
- Rokhvashtil, R. I. - Case of retinoblastoma. p. 209.
- Glov, N. A. - Results of the use of improperly selected eyeglass frames. p. 212.
- Datseva, Ch. K., Gabisov, O. D. - Experience in the work of the Specialized Ophthalmological Medical Expert Commission on Work Ability in North Ossetia. p. 214. (DNLM)
- SOVETSKAYA MEDITSINA [SOVIET MEDICINE]. Organ of Ministerstvo zdravookhraneniya RSFSR [Ministry of Health of the R.S.F.S.R.], Moscow, vol. 28, no. 8, Aug. 1965.
- Table of contents translated:
- Volkov, V. S. - Functional test in the detection of prehypertensive states. p. 3.
- Grishuk, A. I. - Blood coagulation as an indicator of the activity of the rheumatic process. p. 9.
- Barbanchuk, A. G., Villanskii, M. P., Poluektov, L. V. - Repeated operations on the stomach using mechanical suturing. p. 15.
- Shcherbatenko, M. K. - Urgent X-ray diagnosis of bleeding gastric and duodenal ulcers. p. 20.
- Semenovich, N. I., and others. - Some data on the clinical and morphological aspects of Chlari's disease. p. 26.
- Udina, I. Yu., Sokolov, E. I. - Disorders of electrolyte metabolism in nonspecific ulcerous colitis. p. 31.
- Kazykhanov, N. S. - Pulmonary tuberculosis in patients with atherosclerosis. p. 37.
- Mazurik, M. F. - Some problems concerning differential diagnosis of arteritis obliterans. p. 44.
- Bondarenko, I. A. D. - Respiratory function of the blood in Bright's disease. p. 46.
- Aksel'dorf, A. L., Gletzer, I. U. A. - Radiolabeled renography in the diagnosis of a "silent" kidney. p. 52.
- Evseev, N. F. - Clinical aspects of syringomyelia. p. 57.
- Ratner, A. Yu. - Clinical characteristics of cervical migraine. p. 60.
- Reznikova, L. S., Vasil'ev, T. V. - C-reactive protein in patients with syphilis treated by various methods. p. 64.
- Zubovskii, G. A. - Diagnosis of tumors and metastases with the aid of radioisotope scanning. p. 68.
- Davydov, V. P., Nazarenko, G. G., Khuzgeizian, G. T. - Effectiveness of neoplastic preparations in the compound treatment of toxic forms of acute gastrointestinal diseases and pneumonia in very young children. p. 75.
- Rukhvidova, Zh. M., Levitan, M. Kh., Marko, O. P. - Colibacterin-in-gel treatment of patients with nonspecific ulcerous colitis. p. 79.
- Adykhayev, A. Kh. - Treatment of rheumatoid arthritis at balneological health resorts in North Ossetia. p. 85.
- Smirnov, V. F. - Results of surgical treatment of hemorrhoids. p. 91.
- Nelmark, I. I., Blizman, A. S. - Prophylaxis of a postoperative thyrotoxic crisis. p. 94.
- Rachinskaya, N. A. - Restoring the working capacity in patients following a mitral commissurotomy. p. 98.
- Gil'de, I. L. - Side effects of hormone therapy in patients with infectious nonspecific polyarthritis. data of the municipal hospital. p. 102.
- Sinakov, G. A., Paktoris, E. A., Gorbunova, T. I. - Late results of Botkin's disease following corticosteroid therapy. p. 106.
- Vakhman, I. S. - Neurological disorders in acute leukemia. p. 111.
- Grinbaum, N. B., Minkovich, A. E. - Late observations of children following recovery from kidney diseases. p. 118.
- Jesserson, O. D., Sotol'eva, L. S. - Marfan's syndrome. p. 121.
- Grabovskaya, V. P. - Vestibulo-ocular syndrome in children with myelomeningocele. p. 123.
- Zhelezakov, M. M., Vinokurov, I. N. - Peucedanin treatment with alopecia areata and a totalis. p. 126.
- Kholodil, P. I. - Errors in the diagnosis of tuberculous arthritis. p. 130.
- Krasovskii, Z. I., Gudina, N. G. - Some problems of tetanus treatment and prophylaxis. p. 132.
- Teodosiev, L. S. - Case of combined alkaptonuria and cardiac pathology. p. 135.
- Glazunov, I. S., and others. - Ischemic disease of the heart in persons physically active in their occupation. p. 137.
- Govorovich, E. A. - Conference devoted to problems concerning the clinical use of antibiotics. p. 149.
- Vol. 28, no. 9, Sep. 1965.
- Table of contents translated:
- Struchkov, V. I., Fedorov, B. P., Nedvetskaya, L. M. - Some problems of the diagnosis and treatment of acute pulmonary abscesses. p. 3.
- Bellayeva, A. T., Mamazova, A. A. - Significance of vectorcardiography in the evaluation of ventricular hypertrophy in patients with a defect of the interventricular septum. p. 10.
- Rubanovskii, B. R. - Diafon therapy in angina pectoris and myocardial infarct. p. 17.
- Bohotina, A. Yu. - Some factors determining the effectiveness of seasonal preventive bicillin therapy in recurrences of rheumatic fever. p. 21.
- Agranenko, V. S. - Clinical phonocardiographic and morphologic indices of heart lesions in systemic lupus erythematosus. p. 25.
- Ernikov, E. S. - Changes in some functions of the external respiration during chronic pneumonia in children. p. 32.
- Gel'man, B. L. - Oxihemometric examination in burn disease and its complications. p. 35.
- Eremenko, G. S., Eremenko, F. I. - Liability of the neuromuscular apparatus in infectious nonspecific polyarthritis and its changes following treatment with tetracycline and medicinal mud. p. 38.
- Maliuk, V. I. - Content of glutathione, lactic acid and sugar in the blood of bronchial asthma patients. p. 45.
- Enateeva, D. Sh. - Characteristics of the oxidation-reduction processes and the respiratory function of the body in epidemic hepatitis treated with prednisolone. p. 48.
- Zikeeva, V. K. - Clinical evaluation of the iron level in the serum in chronic hepatitis. p. 52.
- Biaginskii, B. M., Bobkhozhaev, I. A. - Hepatolienal syndrome in heliotrope toxicosis. p. 57.
- Pavlovskii, G. T., Gorchakovskaya, A. E. - Methodology for rhinocytodiagnosis of influenza. p. 60.
- Shcherbakova, V. N. - Changes in the nervous system and working capacity of patients following influenza. p. 63.
- Alisov, P. A., Kazantsov, A. P. - Treatment of typhoid fever with levomycesin combined with the introduction of vaccine intradermally or by means of electrophoresis. p. 66.
- Brisker, A. D. - Clinical aspects of alimentary toxic-infections caused by staphylococci, Escherichia coli and Morgan's bacillus. p. 71.
- Savitskii, N. N. - Hemorrhages in the placental and early puerperal period following late toxemias of pregnancy. p. 76.
- Golosovskii, M. A., Denigacheva, I. U. G. - Clinical aspects of primary atypical amyloidosis. p. 80.
- Mel'nikova, V. M., Petrushina, L. I. - Differentiation of pathogenic staphylococci isolated from patients' wounds and from pharynxes and noses of the personnel by means of the phage typing method. p. 82.
- Karavanko, A. N., Kravovskii, N. I., Sharov, N. A. - Clinical use of trimedacne. p. 86.
- Gidgarian, A. V., Nedvetskaya, L. M. - Indications and contraindications for surgery in chronic suppurative processes in the lungs complicated by hemorrhage. p. 89.
- Bliz, I. M., Bedichevskii, M. G. - Abscesses and inflammatory tumors of the stomach. p. 91.
- Gataullin, N. G. - Pneumoperitoneum as a method for the diagnosis of postoperative intra-abdominal adhesions. p. 96.
- Sdobov, L. P. - Results of compound therapy of ulcers of the stomach and duodenum at a prophylactic sanatorium. p. 100.
- Tolpegina, T. B. - Allergic component in the pathogenesis of diseases of the gallbladder. p. 104.
- Trubnikov, G. V. - Case of Addison's disease concomitant with arterial hypertension. p. 109.
- Karvasarskii, B. D. - Pseudotumor asthenic variants of encephalitis in the clinical aspects of neuroses, the problems of differential diagnosis. p. 111.
- Pollanskii, B. A., Perevalova, N. V. - Our experience in the treatment of cranio-cerebral lesions. p. 116.
- Gorovits, L. P. - Results of the use of Castellani's paint in some dermatoses. p. 121.
- Nagibin, V. V. - Experience in the treatment of fungiform mycosis with the antibiotic anilatin. p. 123.
- Malkova, I. V. - Current state of the problem of the etiology and pathogenesis of herpes zoster. p. 127.
- Ter-Akopyants, N. N. - Toxic epidermal necrolysis (Lyell's syndrome). p. 130.
- Rudakova, R. I. - Clinical evaluation of the bacterial carriage of Salmonella. p. 131.
- Prihodko, V. I. - Medical aid in poisonings with bee venom and intolerance to it. p. 134.
- Nadzhmiddinov, T. Kh., Dzhalalov, A. D., Tshpina, S. V. - Outbreak of trichinosis in the Uzbek S.S.R. following eating the meat of a wild boar. p. 136.
- Marchuk, P. D. - Mode of life and aging. p. 139.
- Abstracts. p. 142.
- Atkhanov, E. I., Mansurov, Kh. Kh., Semendina, M. C. - Symposium on the enzymological diagnosis of diseases of the liver. p. 148.
- Basygina, E. G. - V. P. Filatov's role in the development of Soviet medicine. p. 151.
- SOVETSKOE ZDRAVOOKHRANENIE [SOVIET HEALTH SERVICE]. Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 24, no. 9, 1965.
- Table of contents translated:
- Aleksandrov, O. A., Tsaregorodtsev, G. I. - Current problems of social hygiene. p. 1.
- Smulevich, B. Ia. - Social health factors. p. 7.
- Veter, L. G. - Successful development of theoretical studies. p. 10.
- Marchuk, P. D. - Manner of living and aging. p. 14.
- Kriachko, I. A. - Physical education and the health of the population. p. 15.
- Tauber, N. A. - Fertility of married women in relation to their living conditions. p. 22.
- Il'inski, A. P., Il'inskaya, G. N. - Physical development and the state of health of rural school-children in Penza Province. p. 26.
- Batkin, L. N., Vinokurov, D. A., Fonarev, M. I. - Results of the physical education of children of preschool age in Leningrad Province. p. 30.
- Saipa, A. A., Ustinova, T. S. A. - Results of the work of the Tallin Children's Home. p. 33.
- Mel'nikov, V. G. - Requests for medical advice, hospitalization, and mortality among the rural population; based on materials of 3 districts of the White Russian S.S.R. p. 36.
- Zhuravlova, E. V. - Punched cards and the possibilities for their use in public health statistics. p. 42.
- Mikhailov, V. S. - Activity of the Committee on International Medical Law of the Association of International Law. p. 46.
- Iakovleva, A. T. - Concerning E. S. Antipenko's article "New sound signaling system for first aid station." p. 52.
- Danilushkevich, S. M. - V. A. Obukh, a prominent theoretician and practitioner of Soviet public health service, on his 95th birthday. p. 53.
- Sionimskaya, I. A. - One more page from I. I. Mechnikov's biography. p. 56.
- Fokina, E. N. - Prominent Cuban physician, Carlos Juan Finlay (1833-1915). p. 59.
- Memorial and anniversary dates of the history of medicine in 1965. p. 63.
- Shimonovich, Ihtvan. - Realization of prophylactic principles in the public health service of Hungary. p. 70.
- Elizarov, V. A. - Some demographic indices in Ethiopia. p. 74.

- Vengrova, I. V. - Problems of public health service in England on the pages of the journal "Archives of forensic medicine and social hygiene", on the centenary of the publication of the first issue of the journal p. 77.
- Sagatov, R. S. - Develop research work in the realm of the organization and history of public health service. p. 91.
- Stegunin, S. I. - Work of the Kuybyshev Province Scientific Society of Public Health Service Organizers. p. 92.
- Kramcheninov, N. G. - Second scientific conference on medical geography of the Kazakh S.S.R. p. 94.
- SOVREMENNYYE VOPROSY ENDOKRINOLOGII [CURRENT PROBLEMS IN ENDOCRINOLOGY].** Moscow, no. 2, 1963.
- Table of contents translated
- Piotkan, M. I. - Fundamental problems of the chemistry of protein hormones. p. 5.
- Koili, E. A. - Some problems of the biosynthesis and metabolism of thyroid hormones in health and pathology. p. 50.
- Sakhatskaya, T. S. - Effect of sex hormones on the secretory capacity of the adrenal glands. p. 70.
- Lettes, S. M. - Somatotrophic hormone of the hypophysis and the metabolism. p. 80.
- Faskin, I. A. - Species characteristics of the somatotrophic hormone (growth hormone). p. 115.
- Gol'ber, L. M. - Some humoral functions of the spleen. p. 136.
- Genes, S. G. - Role of endocrine glands in compensatory reactions of the organism. p. 163.
- Nikolaev, O. V. - Current trends in studying the problem of hyperparathyroidism. p. 188.
- Baranov, V. G., Liberman, L. I., Raskin, A. M. - Diabetes mellitus in pregnancy. p. 214.
- Volkovich, A. A. - Restorative processes and hormones. p. 240.
- Taakhanov, E. I. - Histophysiology of the hypothalamus in endocrine disorders. p. 270.
- Agarkov, G. B. - Current state of the problem of innervation of the cortical substance of the adrenal glands. p. 292.
- SUDEBNO-MEDITSINSKAYA EKSPERTIZA [FORENSIC MEDICINE EXPERTISE].** Issued by Ministerstvo zdavookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 8, no. 3, July-Sep. 1965.
- Table of contents translated:
- Iakovleva, V. I. - Morphological changes in the central nervous system in acute cardiovascular insufficiency in cases of sudden death from hypertension. p. 3.
- Tsvetkova, G. M. - Pathomorphological changes in the nervous system following sudden death from acute coronary insufficiency without pronounced organic changes in the heart. p. 9.
- Ahmedov, V. I. - Histological and histochemical changes in the adrenal glands in acute alcohol intoxication. p. 11.
- Raf'nikova, E. S. - Cytologic determination of the sex in examining parts of corpses recovered from water, experimental study. p. 15.
- Valndruki, S. A. - Determination of the age in children from 5 to 10 years old based on X-ray examination of the developmental state of teeth. p. 20.
- Zakharov, O. A., Rubinchik, M. M. - Some characteristics of medical expertise in mechanical injuries to the body. p. 24.
- Seleznev, S. A. - Resistivity of costal cartilages to impact load. p. 27.
- Bakulev, S. N. - Methodology for the examination of liver mortis. p. 30.
- Dronshchik, E. Z., Loseva, E. V. - Belloid and bell-spoon poisonings at home. p. 34.
- Krylova, A. N. - Fractional determination of manganese in cadaveric material. p. 35.
- Fartushnyi, A. F. - Reaction for detecting chlorophos. Report No. 2. p. 43.
- Kondrat'ov, F. B. - Forensic psychiatric expertise in slowly developing schizophrenia. p. 44.
- Rozinov, M. V. - Expert-evidence value of the impact impression in injuries from self-made weapons. p. 50.
- Lukash, A. A. - Mechanism of closed cardiac ruptures with an uninjured thoracic. p. 52.
- Motovilov, E. G. - Determination of some characteristics of a blade based on a cleaved lesion of a bone. p. 55.
- M. D. Shval'kova, on her 60th birthday. p. 62.
- Professor A. I. Zakonov, an obituary. p. 62.
- TOKSIKOLOGIYA NOVYKH PROMYSHLENNYKH KHIMICHESKIKH VESHCHESTV [TOXICOLOGY OF NEW INDUSTRIAL CHEMICAL SUBSTANCES].** Issued by Akademiiya meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.]. Moscow, no. 7, 1965.
- Table of contents translated:
- Stasenkov, K. P. - Study of the toxicity of 1,4-butanediol. p. 5.
- Stasenkov, K. P., Kochetkova, T. A. - Toxicology of 1,4-butanediol. p. 13.
- Stasenkov, K. P., Kochetkova, T. A. - Toxicological characteristics of methylpyrrolidone. p. 27.
- Sanotskiy, I. V. - Hygienic standardization of trialkyl-aluminum and its chlorides. p. 38.
- Kulagina, N. K., Kochetkova, T. A. - Toxicity of triethylamine. p. 56.
- Shumskaya, N. I., Folgskaya, M. S. - Toxicological and morphological studies on the effect of epoxy resins and their initial products. p. 76.
- Sanina, I. U. P. - Study on the toxicity of terephthalic acid. p. 81.
- Sanina, I. U. P., Kochetkova, T. A. - Toxicity of ethylene glycol. p. 102.
- Kolobanova-Simeonova, F. - Toxicology of phosphorus organic compounds (parathion, malathion and chlorfenthion). p. 122.
- Zaeva, G. N., Tolgskaya, M. S. - Comparative evaluation of the toxicity of some nitro and amino derivatives of the aromatic series (p-nitroaniline, 1-nitro-2,4-phenylenediamine, o-allyl-p-nitroaniline and 1-chloro-2,4-phenylenediamine). p. 138.
- Timofeyevskaya, L. A. - Toxicology of dimethoxybenzene and trinitroethylbenzene. p. 157.
- Eshov, V. P., Fedorova, V. A. - Comparative evaluation of the aerosol of titanium oxide condensation and its mixture with chromium anhydride. p. 162.
- Panov, I. K. - Some data on the toxicity of tetracyanobenzene and tetracyanoethylene. p. 169.
- VESTNIK RENTGENOLOGII I RADIOLOGII [REVIEW OF ROENTGENOLOGY AND RADIOLOGY].** Published by Ministerstvo zdavookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 40, no. 4, July-Aug. 1965.
- Table of contents translated:
- Reinberg, S. A. - Integration of roentgenology. Greater attention to the problems of general roentgenology! p. 3.
- Vishnevskiy, A. A., and others - Catheterization and contrast of the coeliac artery. p. 12.
- Novokreshchenov, L. B. - Splenoporiography for the detection of pathological formations in the liver. p. 14.
- Tavonius, K. E., Shniger, N. U. - Significance of roentgenocystography in cancer and some other diseases of the esophagus. p. 18.
- Shekhter, I. A., and others - X-ray study of the morphology and function of the gastrointestinal tract following resection of the stomach and its substitution with a section of small or large intestine. p. 24.
- Mushina, L. N. - Functional duodenostasis. p. 31.
- Rabukhina, N. A. - Some problems of the methodology for the use of morphine and atropine in X-ray examination of the stomach and duodenum. p. 33.
- Litovskiy, I. U. V., Pavlova, I. S. - Methodology of X-ray examination of the small intestine under conditions of its artificial hypotension. p. 37.
- Sarikov, A. A. - Diagnostic possibilities of large-photograph fluorography in diseases of the gall-bladder and bile ducts. p. 40.
- Rubikov, R. S. - Significance of the methodology of X-ray examination in the diagnosis of cancer of the large intestine. p. 42.
- Pomakov, P. G. - Some remarks concerning V. N. Shmakov and I. S. Pavlova's article "Significance of the method of isolated contrasting of the duodenum and artificial hypotension in the diagnosis of duodenitis." p. 47.
- Likhtenshtein, E. A., Gorlunova, E. S. - X-ray symptoms of cancer of the pharynx; based on observations on 100 patients. p. 48.
- Shmakov, A. G. - X-ray diagnosis of pneumoconiosis. p. 52.
- Karlov, I. U. I. - Methodology for X-ray treatment of diffuse forms of cancer of the upper third of the esophagus using a lead grating. p. 57.
- Voloshchuk, V. I., Prokopyashin, M. V. - Methodology for one-stage angiography of the lower extremities. p. 60.
- Vlasov, P. V., Miranashvili, M. L. - Optimal exposures in roentgenography of the stomach. p. 61.
- Borisov, B. A. - Use of intravenous cholecystography in jaundice. p. 64.
- Drazhnevskiy, N. N. - Parasitic liver cyst complicated with a biliary-bronchial fistula. p. 65.
- Shkuratenko, S. I. A. - Case of a giant trichobezoar. p. 66.
- Shusterov, B. G., Shusterov, G. A. - Hematochezia in a female patient with systemic lupus erythematosus. p. 67.
- Agranovich, R. M. - Case of chorista of the stomach. p. 68.
- Bondarev, I. U. P. - Fibromyoma of the stomach. p. 69.
- Nechayeva, M. M. - Case of retroperitoneal teratoma. p. 70.
- Lishits, P. S., Kuleva, V. I. - Gastrogenic tetany. p. 71.
- Fofitov, G. L., Shaler, E. S., Bogatina, E. D. - Structure of the bronchial tree in complete situs reversus viscerum. p. 73.
- Rosenberg, A. V., Tshurko, A. F. - Professor Aleksandr Iosifovich Dombrovskiy, on his 75th birthday. p. 77.
- VRACHEBNOE DELO [MEDICAL PRACTICE].** Organ of Ministerstvo zdavookhraneniya USSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, no. 8, Aug. 1965.
- Table of contents translated:
- Mikhnev, A. I. - Hypertension, atherosclerosis, and coronary insufficiency. p. 3.
- Fiofmet, I. A. - Changes in the oxygen content of the arterial and venous blood in patients with initial forms of myocardial lesions. p. 10.
- Zamozhin, N. S., and others. - Use of an oxygen mixture for therapeutic purposes. p. 13.
- Gerasimchuk, R. D. - Effect of the climatic factors of medium-altitude health resorts of Carpathia on arterial pressure. p. 15.
- Serkova, V. K. - Changes in the lipid metabolism and the functional state of the liver in patients with hypertension. p. 20.
- Getmanov, R. A. - Balneological treatment of hypertension with mineral water of the Donetsk Spring. p. 23.
- Skakun, N. P. - Clinical classification of modern choleric preparations. p. 26.
- Samod, V. S. - Therapeutic effectiveness of metamil in peptic ulcers. p. 29.
- Suleeva, L. K. - Persistent loss of the working capacity during chronic hepatitis and liver cirrhosis (following Dolkin's disease). p. 33.
- Fishzon-Ryba, I. U. I., Lobachev, F. M., Andriushchenko, A. M. - Histamine tests in the evaluation of the genesis and character of gastric achlorhydria. p. 37.
- Kolomoyskaya, M. G., Netmark, I. I. - Copper and cobalt content of the blood and neoplastic tissue in patients with cancer of the lungs and the stomach. p. 41.
- Mishchenko, N. S. - Changes in the permeability of the biological barriers under the influence of pancreatic juice or its enzymes. p. 45.
- Andriushchenko, P. T., Petruk, A. E. - Combination of hypertension and peptic ulcers. p. 48.
- Mrozek, T. K. - Glycogenic function of the liver in thyrotoxicosis in elderly and senile patients. p. 51.
- Kozlov, V. G. - Changes in the organs following the use of sulfadiazine, penicillin and erythromycin in staphylococcal pneumonia. p. 53.
- Ciubalinskii, A. L., Kaz'min, S. D. - Biological and chemical substantiation of the possibility of using tanning agents in treating patients with malignant tumors. p. 50.
- Sharapov, B. I. - Materials on topical diagnosis of selective lesions of the reticular formation of the brain. p. 61.
- Al'perovich, P. M., Trakhtenberg, B. Sh. - Malignant tumors of the brain with a remittent course. p. 67.
- Del'va, V. A., Zakharova, O. A., Lemberskaya, E. I. A. - Intracranial cholesteatomas. p. 71.
- Izash, A. A., Shul'ga, A. I. - Treatment of hysteria. p. 74.
- Rukhim, Sheikh, E. I. A. - State of C-reactive protein and some indices of the reactivity of patients with tuberculosis and schizophrenia. p. 77.
- Tareev, E. M. - Modern concepts of treating patients with collagen diseases. p. 80.
- Panichenko, D. I., Sudakov, I. U. N., Torskaya, I. V. - Vegetative sensory innervation. p. 86.
- Silina, L. D. - Effect of the air movement on the loss of heat of the organism. p. 91.
- Lubomudrov, V. E. - Chronic bronchitis in miners. p. 94.
- Manzhenko, E. G. - Effect of the variation of barometric pressure on air pollution with dust and sulfur dioxide, and on the mortality of the population. p. 95.
- Naumova, R. P. - Materials on the study of the duration of clinical, some immunological and biochemical changes in Botkin's disease. p. 99.
- Orgel, M. I. A. - Some problems of serum prophylaxis against tetanus. p. 101.
- Birimbolov, F. S. - Epidemiological characteristics of parenteral hepatitis in a rural locality. p. 104.
- Vasarin, I. U. I. - Specific diagnosis of Botkin's disease. p. 106.
- Zylina, M. A., Reikhsman, I. A. G. - Some possibilities of improving the registration of patients with malignant tumors. p. 109.
- Kozin, I. I. - History of the development of labor protection and medical service to workers of industrial enterprises in the Ukraine during the period from 1917 to 1922. p. 110.
- Fakula, M. I. - Treatment of patients with suppurative processes in the lungs by intratracheal administration of antibiotics. p. 114.
- Konovalev, A. V. - Effect of oxydiline on some hemodynamic indicators. p. 115.
- Shvidchenko, L. G. - Use of the preparation ceta-miphen (phenoxol) in treating elderly and senile patients with atherosclerosis. p. 117.

- Korjakov, L.V. - Electrocoagulation of rectal polyps. p. 118.
- Oshetrovskii, Kh.M., Shechepolev, A.P. - Results of treating hypertension on the southern coast of the Crimea. p. 119.
- Mikhno, L.E. - Elythetherapy in the diagnosis of lumbosacral radiculitis. p. 121.
- Nabok, M.F. - Treatment of diseases of the peripheral nervous system with iodobromic waters of Borislav. p. 121.
- Gorvilih, M.M., Lukash, N.V., Shcher, Eliaha, A. - Clinical tests of synthetic menthol in stenocardia. p. 122.
- Tsimmerman, I.A.S., Nazardinov, F.V. - Use of heimonocaine in treating patients with peptic ulcers and a resistant pain syndrome. p. 123.
- Kogon, G.Kh., Kvantaliani, F.I. - Successful treatment of a severe type of multiform exudative erythema. p. 124.
- Babak, A.L. - Duration of a restored sinus rhythm following quinidine therapy of cardiac fibrillation. p. 125.
- Adykhayev, A.Kh. - Comparative results of the use of certain drugs in treating patients with rheumatoid arthritis. p. 126.
- Azevich, A.M., Vukhova, O.G., Trufilina, O.V. - Griseofulvin therapeutic effectiveness and tolerance in the treatment of patients with dermatomycosis. p. 129.
- Pankov, A.G. - Method of drug administration. p. 130.
- Gerasimov, A.I., Ouchinnikova, K.I. - Study of phthalic acid concentration in the apotum of patients and in the organs of laboratory animals. p. 131.
- Pikus, I.A.Z., Odintsova, I.A. - Importance of the creatinine test in determining the working capacity following a nephrectomy due to tuberculosis of the kidneys. p. 132.
- Didych, V.K., Shperling, I.D. - Clinical and morphological characteristics of a giant follicular lymphoblastoma. p. 133.
- Diordenko, I.A. - Liver function in the nitrogen metabolism of patients with brain tumors. p. 135.
- Skipity, V.I. - Deicum's disease. p. 135.
- Skochil, P.G. - Seasonal prophylactic treatment of patients with hypertension. p. 136.
- Svitko, E.L. - Bilateral limited posttraumatic intracranial hematoma. p. 137.
- Kalitskevskii, P.F., Karasin, B.Z. - Thrombosis of the dura mater sinuses in isolated inflammation of the sphenoid sinus. p. 138.
- Solov'ev, A.S. - Changes in the taste sensitivity in chronic alcoholism. p. 139.
- Sheverda, M.G. - Characteristics of the clinical course of renal poisoning. p. 140.
- Maitynenko, N.I. - Focal atrophy of panniculus adiposus. p. 142.
- Khomakov, A.I., Kotovoi, O.L. - Extraction of the gastric contents with a thin catheter. p. 143.
- Shul'ga, A.I. - Functional state of the stomach in patients with multiple sclerosis. p. 144.
- Gorislavets, I.I. - Effect of solar radiation on the development of tuberculosis of the central nervous system. p. 148.
- Tolubayev, N.S. - Characteristics of the course of amyotrophic lateral sclerosis. p. 148.
- Malkova, E.V. - Calamness of patients following recovery from herpes zoster. p. 148.
- Tablinskai, O.M. - Case of tuberculous sclerosis. p. 149.
- Podorozhnyi, P.G., Andrukhiv, E.V. - Pulseless disease (Takayasu's disease). p. 150.
- Gorb, G.D., Dobrovinskai, N.R. - Leucocyte reaction to the use of corticosteroids. p. 151.
- Galtai, M.I. - Some characteristics of the course of purulent inflammation of the cerebral meninges in elderly people. p. 152.
- Perstidskii, V.I.A. - 8th congress of the therapists of the Ukraine. p. 154.
- Plazhnik, I.P. - Resuscitation measures in acute diseases of the abdominal cavity. p. 30.
- Progonnata, V.V. - Clinical importance of changes in erythrocytes in liver diseases. p. 34.
- Rafes, I.U.I., Moventsev, G.A. - Effect of choleretic stimulants on the function of the gallbladder in patients with cholecystitis. p. 37.
- Rudyk, B.I. - Disorders of the glycolytic function of the liver in bronchial asthma. p. 40.
- Borisenko, A.N., Sidorova, A.D. - Hemopoietic effect of sodium chlorophyllin. p. 44.
- Klimenko, A.G. - Respiration of the myocardium in infarctoid cardiopathy under conditions of increased physical stress. p. 47.
- Aleshina, E.B. - Oxyhemometric observations of patients with hypertension. p. 48.
- Volkova, I.A. - Respiratory function of the blood in patients with hypertension and circulatory insufficiency. p. 52.
- Rozno, A.I., Iakovlev, A.I. - Cardiac activity in hypertension of the greater and lesser circulation. p. 58.
- Statushenko, L.L. - Therapeutic effect of lactamine in acute blood losses. p. 58.
- Shileiko, V.A. - Electrophoretic study of serum proteins in immunized women. p. 61.
- Drobinitskii, A.D., Vasilek, N.M. - Periarthritis nodosa: changes in the nervous system, diagnosis and treatment. p. 65.
- Shelunovskii, I.U.V. - Immunobiochemical indices of the activity of the rheumatic process in sluggish forms of rheumatoid arthritis. p. 67.
- Dashlants, G.A., Sheinis, M.I. - Clinical aspects and morphology of periarthritis nodosa. p. 71.
- Popov, L.I. - Paroxysmal states in arterial hypertension. p. 75.
- Shefer, D.G. - Some problems in the clinical study and classification of diencephalic disorders. p. 79.
- Globo, A.F., Bondarenko, L.P. - Diagnosis and clinical aspects of hereditary spinocerebellar ataxias. p. 83.
- Nezvorova, T.A. - General characteristics of the course of schizophrenia and the mechanism of the action of psychotropic drugs. p. 86.
- Shakhbazian, G.Kh. - Hygienic problems of the prevention of cardiovascular diseases. p. 89.
- Koshkin, M.L., Serapina, I.S., Anisimova, O.V. - Changes in the phagocytic activity of leucocytes under separate and compound action of short-wave and long-wave ultraviolet radiation. p. 95.
- Kleiner, A.I., Malinina-Putsenko, V.P., Krylova, E.V. - State of the gastrointestinal tract in workers occupied in the production of phenol- and aminoplast molding powders and their manufactures. p. 99.
- Nesterenko, L.P. - Epidemiology of brucellosis at meat enterprises in the Ukrainian S.S.R. p. 101.
- Gorbachevskii, G.I. - Bacteria carriers in dysentery. p. 104.
- Godlovskii, V.V. - Injury of the lymphatic apparatus in acquired toxoplasmosis. p. 108.
- Petrov, V.I., Gol'dshteyn, V.B., Kras'nenko, A.M. - Eradication of poliomyelitis as an epidemic disease in Dnepropetrovsk Province, Ukrainian S.S.R. p. 108.
- Ginzburg, M.A. - From the history of the participation of the Soviet community in the protection of the health of workers (1921-1925). p. 110.
- Liakhovitskii, M.I.A. - Second Psychiatric Hospital during the siege of Leningrad. p. 114.
- Podil'shchak, M.D. - Determination of uropepsinogen in patients with peptic ulcers and cancer of the stomach. p. 117.
- Nelko, E.M. - Dynamics of the prothrombin index in peritonitis combined with blood losses. p. 118.
- Lesnichii, A.V. - State of gastric secretion and function of the liver in patients with colitobaculosis. p. 119.
- Mel'nicuk, I.A.I. - Treatment of chronic colitis by an ascending intestinal douche and inductothermophoresis. p. 120.
- Volkova, L.P. - Changes in the pancreatic function in gastritis. p. 122.
- Perel'muter, Mel'nikov, A. - Diagnostic value of the dermatol test in infectious nonspecific polyarthritides. p. 123.
- Polishchuk, V.E. - Evaluation of the determination of the antistreptolysin-O titer by the routine and albumin methods. p. 124.
- Fallenbogen, V.L. - Use of vagotropic, sedative and antihistaminic preparations in treating bronchial asthma. p. 125.
- Fesenko, I.P. - Case of general miliary tuberculosis. p. 126.
- Rozhnitskii, M.M. - Modification of a phlebometer. p. 127.
- Ivan'ko, A.I. - Rare form of a congenital heart defect. p. 128.
- Adamova, N.S. - Use of streptid in treating circulatory insufficiency in patients with cardiac fibrillation. p. 130.
- Brovkina, I.I. - Effect of Hauffe's baths on the cardiovascular system of patients with hypertension. p. 132.
- Gurevich, M.A. - Primary pulmonary hypertension complicated by thrombosis of the pulmonary artery. p. 133.
- Kartashev, N.N. - Changes in the cardiac rhythm during irritation of the facial skin. p. 134.
- Lisnev, V.A. - Treatment of patients with a cardiogenic collapse. p. 135.
- Didenko, V.I. - Alveolar echinococcosis of the liver with involvement of the vena cava inferior and the right auricle of the heart. p. 137.
- Krasnov, I.U.V. - Partial relaxation of the left cupola of the diaphragm stimulating a tumor of the mediastinum. p. 138.
- Bondarenko, I.A.D. - Methods of hypoxia control in a barbiturate coma. p. 139.
- Mikhailov, A.K. - Treatment of chronic alcoholics. p. 141.
- Slavov, V.N., Sivachenko, T.P., Ishchenko, V.P. - Study of the functional state of the liver with the aid of the radioactive rose bengal (1131) test. p. 142.
- Sorokin, M.I. - Changes in the ohmic resistance of human tissues under the influence of benzohexonium. p. 143.
- Livshits, M.L. - Results of treating diseases of the peripheral nervous system with ozocerite at the Truskavets Health Resort. p. 145.
- Drachuk, P.S. - Anaphylactic shock following injection of penicillin. p. 145.
- Bodnar, P.N. - Eosinophilic reaction to acupuncture in patients with bronchial asthma. p. 147.
- Falt'berg-Blank, V.R. - Treatment of experimental gastritis and enteritis with high-frequency physical agents: ultrasound, centimeter waves and an ultra-high-frequency electric field. p. 148.
- Zalubovskii, L.V. - Rare case of cryptogenic osteomyelitis of the right half of the lower jaw. p. 150.
- Feigin, M.B. - Thyrotoxic syndrome in a climacteric neurosis. p. 151.

No. 10, Oct. 1965.

Table of contents translated.

- Duplenko, K.F. - The community of medical scientists of the Ukrainian S.S.R. preparing for the 50th anniversary of the Great October Revolution. p. 3.
- Stepanian, E.S. - Comparative data on the tolerance for phthiazide, metazid and tubazid in pulmonary tuberculosis. p. 8.
- Bakhar, A.I., Arishev, I.N., Holynsk, S.I. - Use of cyclopropane mixed with nitrous oxide in bronchoscopy. p. 11.
- Suslova, A.A., Belogurova, V.P. - Postoperative course of disease following lung resection in patients with tuberculosis. p. 13.
- Chernushenko, E.F. - Some data on the mechanism of the allergenic effect of streptomycin. p. 16.
- Klochko, L.S. - Active secretion of the glomeruli and the filtration capacity of the glomeruli in patients with different forms of pulmonary tuberculosis. p. 19.
- Razin, P.S. - Clinical and anatomicopathological characteristics of nonspecific pneumonia. p. 21.
- Kutsenk, B.S., Fedoruk, F.F. - Reversibility of amyloidosis. p. 25.
- Khomakov, I.U.S. - Bony ankylosis in infectious nonspecific polyarthritides. p. 28.
- Troguenko, R.A. - Emigration of leucocytes as an indication of the effectiveness of fangotherapy in arthritis. p. 31.
- Valgina, K.A. - Determination of the activity of rheumatic fever with the aid of laboratory and clinical examinations. p. 33.
- Gritskuk, A.I. - Coagulating and anticoagulating systems of the blood during the active phase of rheumatic fever. p. 37.
- Kviatkovskai, A.N., Krasova, A.S., Mikhailova, I.N. - Effect of hormone therapy on the function of the adrenal glands and the liver in patients with rheumatic fever. p. 41.
- Trakhtenberg, S.B. - Tests for the determination of the activity of the rheumatic process in chronic tonsillitis. p. 44.
- Morozova, L.I. - Importance of the foci of chronic infection in the clinical course of rheumatic fever. p. 46.
- Mil'ko, V.I., Khmelevskai, V.N. - Radiolabelled diagnosis and radiotherapy of tumors of the skin and oral mucosa. p. 52.
- Iavorskai, E.S. - Topography of paresthesia in glossodynia. p. 55.
- Popik, S.A. - Some data on the functional state of the kidneys in chronic forms of leukemia. p. 59.
- Mel'man, E.P., Shevchuk, M.G., Maksimuk, I.U.A. - Plasticity of the arterial channel of the heart and lungs under conditions of circulatory disorders. p. 63.
- Orlik, A.V. - Blood transfusion in the compound treatment of patients with chronic cardiovascular insufficiency. p. 68.
- Moschich, P.S. - Use of amyl nitrite tests in phonocardiographic differentiation of cardiac murmurs. p. 71.
- Abashev-Konstantinovskii, A.L. - Psychopathology of comatose states following a stroke. p. 76.
- Liamshev, V.T. - Complications of anticoagulant-treated and untreated myocardial infarct. p. 80.
- Mikhailov, V.A. - Effect of solar and ultraviolet irradiation on coronary atherosclerosis. p. 85.

- Lepavko, A. G., Khandoga, T. N. - Treatment of patients with hyperfunction of the thyroid gland p. 88.
- Myslovskiy, I. A., Dudenkov, A. F. - Frequency of the occurrence of suppurative processes at a late date following gunshot injury of the lungs p. 92.
- Vershigora, A. E., Sidorenko, E. N. - Sensitization to microbial and exogenous allergens in patients with bronchial asthma p. 94.
- Danella, Z. I. - Destrability of treating patients with bronchial asthma in a humid suboptimal climate p. 99.
- Litvinov, V. N., Korneev, V. V. - Some clinical, physiological and biochemical indices in elderly and senile people p. 102.
- Ognianik, M. I. - Use of radioactive iodine-131 in the diagnosis of an aberrant internal goiter p. 105.
- Bogacheva, E. V. - Changes in the blood proteins due to the use of pyridoxine and 5-mercaptopuridine in irradiated animals p. 108.
- Griškina, L. P. - Importance of the Nissl method in the study of structural disorders of the central and peripheral nervous system p. 112.
- Kats, I. M. - Pneumonia in the workers and employees of the 20th Party Congress Mine Administration during 1958-1962 p. 118.
- Krivogin, B. A. - Method of studying the toxicity of new chemical substances under clinical conditions p. 121.
- Komisanova, L. A. - Results of the organization of sanitary supervision of the use of poisonous chemicals p. 125.
- Mukomel, M. A. - Characteristics of the course of Botkin's disease in young people p. 129.
- Lysenko, R. S. - Therapeutic effectiveness of blood injections in patients with Botkin's disease p. 130.
- Zgrachlovskaya, V. N., Blavdzovich, A. A. - Effect of spleen on the bilirubin content and the activity of aldolase in the blood serum in Botkin's disease p. 132.
- Belitskiy, D. P., Shishko, E. I. - Scientific relations between the higher medical schools of White Russia and the Ukraine p. 135.
- Sluzhanskiy, S. S., Pralt, V. M. - Results of treating patients with hypertension by the use of radon and radon baths p. 140.
- Levin, T. S. A., Gruzina, E. A., Dmitrieva, I. T. - Treatment of stenocardia with platydine p. 141.
- Manziuk, E. E. - Dispensary observation of patients with hypertension p. 142.
- Panchenko, E. N. - Use of pelote to determine the pressure in the temporal arteries p. 143.
- Gittik, L. S. - Symptomatic polycythemia in diencephalic syndromes p. 145.
- Grigor'yan, G. O. - Use of primary enlarged bronchograms p. 146.
- Katslan, I. A. D. - Recovery of patients with pulmonary tuberculosis p. 147.
- Samod, V. S. - Effect of metamsyl on the capillary system of patients with peptic ulcers p. 148.
- Krechutova, E. P., Grigor'ev, P. S. - Treatment of peptic ulcers with hexonin and pyrene p. 149.
- Sluchedrunov, V. V., Kaplan, I. B. - Treatment of chronic gastritis with tropacin p. 151.
- ZDOROV'E [HEALTH].** Issued by Ministerstvo zdoravokhraneniya SSSR i RSFSR [Ministry of Health of the U.S.S.R. and the R.S.F.S.R.]. Moscow, vol. 11, no. 10(130), Oct. 1965.
- ZDRAVOOKHRANENIE [HEALTH SERVICE].** Organ of Ministerstvo zdoravokhraneniya Moldavskoy SSR [Ministry of Health of the Moldavian S.S.R.]. Kishinev, vol. 8, no. 4, July-Aug. 1965.
- Table of contents translated:
- Appeal of the participants in the Republic's activist group of medical workers to all public health and social workers of the Moldavian S.S.R. p. 3.
- Report of the Minister of Public Health of the Moldavian S.S.R. N. A. Tentemitsanu to the Republic's activist group of public health workers p. 5.
- Diorditan, A. F. - Medical service to the population and the role of local soviet and public health organs p. 17.
- Danilov, I. U. E. - Leading public health problems in the Moldavian S.S.R. p. 23.
- Speeches of the participants in the Republic's activist group of public health workers p. 25.
- Erlikh, Z. A. - Volume of specialized traumatological aid at a first aid station p. 27.
- Sandler, B. V. - Prevention of industrial traumatism in the city of Tiraspol' p. 32.
- Krips, G. M. - Nonindustrial traumatism p. 34.
- Gindayevskiy, N. L., Stamatin, S. I. - Partial traumatic osteochondrosis of the condyles of the femur (König's disease) p. 38.
- Korletianu, M. A. - Injury to the peripheral nerves of the trunk in fractures of the humerus p. 43.
- Delousov, V. D. - Surgical approach to the posterior surface of the humerus in supra- and transecondylar fractures in children p. 48.
- Dushan, M. G. - Pathological changes in the temporomandibular joints with malocclusion, based on a tomographic study p. 50.
- Bogacheva, L. G., Vovk, I. F. - Complications in dermatoses treated with ACTH and corticosteroid hormones p. 52.
- Frenkel, V. E., Frohn, R. I., Kondryeva, E. A. - Use of radioactive iodine (¹³¹I) in stenocardia p. 56.
- Platkina, G. K. - Experience in using toxoplasma in the diagnosis of toxoplasmosis of the eyes p. 58.
- Ivanenko, I. N. - Preservation of tissues and laboratory work experience in tissue preservation p. 60.
- Shvarts, V. M., Kamyshov, I. A. M. - Some stands on intubation anesthesia in gynecology p. 62.
- ZDRAVOOKHRANENIE BELORUSSII [HEALTH SERVICE OF WHITE RUSSIA].** Organ of Ministerstvo zdoravokhraneniya BSSR [Ministry of Health of the White Russian S.S.R.]. Minsk, vol. 11, nos. 9-10, Sep. - Oct. 1965.
- ZDRAVOOKHRANENIE ROSSISKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION].** Issued by Ministerstvo zdoravokhraneniya RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 9, no. 9, Sep. 1965.
- Table of contents translated:
- Darylin, V. P. - Important medical problem p. 3.
- Popov, G. A. - Standard equivalent units representing the level of medical service to various age groups of the population p. 6.
- Bazamov, N. V. - Materials characterizing outpatient medical service to the urban population p. 12.
- Iakobashvili, V. A. - Cardiovascular diseases as a cause of invalidism of workers and employees in Krasnodar p. 16.
- Shepotovskiy, V. I. - Some problems in the work of the organizational and methodological office at the Central District Hospital p. 20.
- Brushlinskaya, L. A., Mazur, M. M. - Method of profound study of the general incidence of disease among the population p. 22.
- Kaminskiy, M. I. - Study of the general incidence of disease among the population p. 25.
- Shkol'nikov, S. B. - Results of the organization of first aid service in cases of poisoning p. 27.
- Petrova, N. A. - Results of the work of the Voronezh Province Public Health Department in prophylactic examination of women in villages by midwives p. 29.
- Stegun, S. I. - Results of the work of the nonstaff public health section of the province newspaper p. 31.
- Freidlin, S. A. - Organization of work on the methodology of teaching in medical institutes p. 36.
- Al'tshul', A. S. - Work of the central methodological commission in a medical institute p. 39.
- Mistuk, L. V. - In the Board of the Ministry of Health of the R.S.F.S.R. p. 46.
- ZDRAVOOKHRANENIE TURKMENISTANA [HEALTH SERVICE OF TURKMENISTAN].** Organ of Ministerstvo zdoravokhraneniya TSSR [Ministry of Health of the Turkmen S.S.R.]. Ashkhabad, vol. 9, nos. 7(67)-8(68), July-Aug. 1965.
- *ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOLOGII [JOURNAL OF MICROBIOLOGY, EPIDEMIOLOGY, AND IMMUNOLOGY].** Issued by Ministerstvo zdoravokhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 42, no. 8, Aug. 1965.
- Table of contents translated:
- Vashkov, V. I., Khudakov, G. D., Zakolodkina, V. I. - Rate of penetration and accumulation of ³²P-labelled chlorophos in various organs and tissues of houseflies p. 3.
- Sukhova, M. N., and others. - Sensitivity to chlorophos, trichloromethylphos, DDT, hexachlorocyclohexane and polychlorophene in housefly populations following the use of these insecticides for several years p. 7.
- Mianik, I. U. N. - Cross-tolerance to pyrethrins in *Musca domestica* L. cultures highly resistant to the action of chlorinated hydrocarbons p. 14.
- Poleschuk, V. D., and others. - Methodology of studying attractants p. 18.
- Ramkova, N. V. - Disinfection of polyvinyl chloride plastics p. 22.
- Vashkov, V. I., Skachkov, N. I. - Disinfection unit on a motorcycle (sprayer-inductor) p. 27.
- Buzygina, N. G. - Dynamics of some immunological indices in animals with experimental streptococcus infection in combined cortisone and penicillin therapy p. 31.
- Fedorova, G. I. - Forming of colonies from protoplasts of *Bacillus megaterium* p. 36.
- Somov, G. P., Shapiro, M. I., Legkudinova, K. V. - Study of the reproduction of the rickettsia *Dermacentorinus sibiricus* in human embryo renal tissue culture using the method of fluorescent antibodies p. 39.
- Savel'eva, R. A., Glidin, A. P. - Pathogenesis of tularemia infection in nonimmune and immune organisms p. 43.
- Bair, G. A., Konikova, R. F. - Droplet method of the indirect hemagglutination reaction with the tularemia antigen p. 50.
- Svetovidov, V. M., Lobanova, M. P. - Leukocidin of staphylococci causing wound infection p. 53.
- Gizmarov, M. G. - Dynamics of the changes in the oxidation-reduction potential and pH medium in pure and mixed bacterial cultures. Report No. 1 Dynamics of the changes in the oxidation-reduction potential in cultures of pyogenic bacteria on a synthetic medium p. 58.
- Suchkov, I. U. G., Kanaev, I. U. V. - Sensitization of formalized erythrocytes with immune γ -globulins p. 63.
- Aikad'eva, G. E. - Effect of bacterial toxins on tissue cultures p. 67.
- Pavlov, B. P., Pokrovskiy, E. V. - Detection of Francisella tularensis in a lymph node 2 years and 3 months after recovering from tularemia p. 72.
- Zakharin, L. M. - Biological properties of staphylococci isolated in intestinal infections in young children p. 74.
- Bukhova, T. I., Matveev, K. I. - Antigenic structure of the toxins of *Clostridium botulinum* type C isolated in the U.S.S.R. p. 79.
- Romanuk, I. U. P. - Complement uptake reaction as a test for the detection of antileptospiral complement-fixing antibodies in liver diseases p. 81.
- Maltsev, V. N. - Experimental study of the possibility of reducing the toxicity of typhoid fever vaccines for irradiated animals p. 86.
- Belikov, V. D., and others. - Correlations between the general and specific immunological reconstruction of the organism and the production of C-reactive protein in polyvalent immunization p. 92.
- Davydova, N. V., Kudrin, D. G., Petrovskaya, V. G. - Selection of indicator strains for the typing of coliformogenic *Escherichia coli* cultures. Report No. 2 Use of coliformogenic recombination agents for the differentiation of coliforms with a group specificity p. 96.
- Taran, I. T., and others. - Results of studying a brucellosis vaccine from the strain of *Brucella abortus* 101-M p. 99.
- Smirnova, K. I. - Correlation between the bacteriophage sensitivity and the pathogenic properties of staphylococci cultures p. 101.
- Egorova, A. P. - Serologic diagnosis of listeriosis. Report No. 2 Dynamics of agglutination titers and complement-fixing antibodies in experimental listeriosis in pregnant and nonpregnant rabbits p. 107.
- Rostomian, S. V. - Experimental mixed leptospirosis infection and the method of isolating initial cultures p. 111.
- Kovalevskiy, G. B. - Immunopathological changes in white rats following the introduction of a mycobacterial adjuvant p. 117.
- Adamov, A. K., Kapuzidi, K. S. - Antigenic structure of brucellosis pathogens p. 123.
- Tikhman, B. A., Petukhov, V. G. - Photometric analysis of bacterial suspensions. Report No. 3 Study of some thermodynamic processes in bacteria p. 128.
- Len'kov, V. I., Len'kova, V. A., Shvets, M. I. A. - Enteritis caused by *Clostridium perfringens* p. 131.
- Mitovskiy, I. M., Rabkina, S. A. - Inspection of therapeutic prophylactic institutions in connection with their antileptemic work p. 136.
- Rakhshtadt, G. N., and others. - Epidemiological effectiveness of preventive bacteriophage treatment against dysentery in pediatric institutions p. 139.
- Nesterova, G. N. - Effect of increased temperature on the reproduction of some strains of *Escherichia coli* p. 142.
- Perishina, Z. G., Vasil'eva, I. G., Sobolev, S. M. - Changes in the properties of bacteria of the enteric group under the effect of radioactive phosphorus ³²P p. 142.
- Semilochov, V. L., and others. - Pasteurellosis in man in Kavkazskiy District of Kyzyl-Orda Province p. 143.
- Shal'neva, A. M., and others. - Exploration of a method for obtaining dry leptospira cultures p. 144.
- Larionova, T. I., Kudlat, D. G., Petrovskaya, V. G. - Oxidative metabolism in salmonella of various virulence p. 145.
- Ivanov, T. G. - New method of disinfecting linen from communicable diseases wards p. 116.
- Sadekova, E. A., Kynchovskaya, A. I. - Significance of serological reactions and allergy tests in the diagnosis of candidiasis p. 147.
- Belitskiy, D. P. - History of smallpox vaccination in White Russia p. 148.
- Ugrumov, B. L., and others. - Obituary p. 156.

b GYNECOLOGY, OBSTETRICS & PEDIATRICS

VOPROSY OKHRANY MATERNITETA I DETSTVA [PROBLEMS OF MOTHER AND CHILD CARE]. Issued by Ministerstvo zdoravokhraneniya RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 10, no. 9, Sep. 1965.

c. NEUROLOGY & PSYCHIATRY

MOSCOW. GOSUDARSTVENNIY NAUCHNO-ISLEDOVATELSKIY INSTITUT PSIKHIATRII. Trudy [STATE SCIENTIFIC RESEARCH INSTITUTE OF PSYCHIATRY. Transactions]. Tomsk, vol. 42, 1965.

- Table of contents translated
- Rokhlina, L. L. - Significance of reserpine as a psychotropic drug. p. 3.
- Nutter, I. B. - Reserpine therapy in mental diseases. p. 20.
- Kuznetsova, G. M., Chekhovich, I. A. - Use of reserpine combined with amiazine for the treatment of schizophrenia with a chronic unfavorable course. p. 84.
- Kaganovskaya, E. L. - Combined centedrine and reserpine treatment of schizophrenia patients. p. 97.
- Verlogadova, O. P. - Treatment with reserpine of schizophrenia patients with the verbal hallucinosis syndrome. p. 105.
- Lando, L. I., Nutter, I. B. - Clinical biochemical examinations of schizophrenia patients in the process of reserpine therapy. p. 111.
- Dykman, L. M., Tolmashkova, E. S., Arshavskii, V. V. - Mechanism of the action of reserpine. p. 120.
- Tirkel'taub, I. U. A. - Mechanism of the therapeutic action of reserpine in schizophrenia. p. 139.
- Kuznetsova, V. I., Kvikadze, V. V. - Experimental study of immunological and morphological changes under the effect of reserpine. p. 150.
- Matveev, V. F. - Mechanism of the action of reserpine, data obtained in pathomorphological studies. p. 162.
- Nutter, I. B. - Review of literature on the use of reserpine in psychiatry. p. 185.
- Ginzburg, M. G., Blum, E. M., Bochek, M. A. - Bibliographic index. p. 220.

Vol. 43, 1965.

- Table of contents translated:
- Zeigarnik, B. V. - Subject and problems of pathopsychology. p. 7.
- Rubinshtein, S. I. A. - Use of experimental methods for studying psychopathological phenomena. p. 14.
- Zeigarnik, B. V. - Methods for studying the emotional-volitional spheres in mental patients, laboratory of experimental pathopsychology. p. 42.
- Rubinshtein, S. I. A. - Degeneration of habits in aged mental patients. p. 58.
- Tepenisyna, T. I. - Psychological structure of rationalization. p. 68.
- Kostikova, V. V. - Practical work of the psychologist in psychiatric hospitals. p. 81.
- Kostikova, V. V. - Psychological analysis of patients' complaints compared with objective clinical and experimental psychological data, the so-called "interior picture of the disease." p. 87.
- Urakov, I. G. - Clinical psychological characteristics of patients with a slowly developing paranoid schizophrenia. p. 97.
- Koroleva, E. N. - Clinical psychological examination of patients with the common form of schizophrenia. p. 104.
- Sharashidze, G. I. - Characteristics of the process of attention in schizophrenia in relation to the treatment with insulin and neuroleptics. p. 110.
- Klimushova, T. A. - Clinical psychological examination of patients with the paranoid form of schizophrenia with the Kandinskii-Clerehauz syndrome. p. 117.
- Dement'eva, N. F. - Changes in the emotionally-volitional sphere in schizophrenia patients with psychogenic recurrences of the disease; clinical pathopsychological study. p. 129.
- Savitskaya, A. B. - Reversibility of speech disorders in late stages of schizophrenia. p. 139.
- Makutova, E. L. - Evaluation and utilization of data from experimental psychological studies on patients with schizophrenia following influenza. p. 149.
- Mandrusova, E. S., Rafalskaya, M. M. - Clinical psychological analysis of a diagnostically complicated case. p. 159.
- Kokin, M. K., Perepelkin, V. I. - Characteristics of association in chronic alcoholics. p. 167.
- Bleikher, V. M., Mints, A. A. - Disorders of memory in atherosclerosis of cerebral vessels. p. 172.
- Bezhanishvili, B. I. - Some features of a fixed adjustment in Pick's disease. p. 179.
- Viklova, L. V. - Study on the level of prefrontal in oligophrenic children. p. 183.
- Perepelkin, V. I. - Characteristics of the process of comparing visual objects in epileptic children. p. 190.
- Trukhan, E. V. - Characteristics of disorders of thinking in patients with the paranoid variant of paranoid schizophrenia; clinical psychological study. p. 198.

- Rodionova, E. A. - Methodology for studying the degeneration of habits in mental patients. p. 207.
- Kifashchenko, N. K. - Application of a variation of the methodology for the thematic apperception test. p. 213.
- Khanisova, S. T. - Approximation of the method "Comparison of concepts" in a pediatric psychoneurological clinic. p. 220.
- Ivanova, A. I. A. - "Training experiment" as a method for psychological examination of children with anomalies of mental development. p. 229.
- Bitumina, M. G. - Methodology for experimental psychological examination of 2- to 5-year old oligophrenic children. p. 242.
- Shakhvatova, N. B. - New method for studying mental working capacity. p. 250.
- Mandrusova, E. S. - Role of experimental psychological study in the evaluation of disorders of thinking in children. p. 260.
- Pollakov, I. U. F. - Characteristics of the methodological ways for studying disorders of cognitive processes in schizophrenia. p. 269.
- Ivanov, I. U. V. - Methodology for the study of some characteristics of the process of visual perception. p. 274.
- Bogdanov, E. I. - Methodology for studying the characteristics of visual perception under conditions of inadequate information. p. 279.
- Meleshko, T. K. - Variation of the methodology for studying the process of comparison in schizophrenia. p. 288.
- Kul'skaya, V. P. - Methodologies for studying the characteristics of the perception of speech. p. 295.
- Shubert, A. M. - History of the origin of experimental psychological studies in psychoneurological institutions. p. 304.
- Rokhlina, L. L. - S. S. Korsakov's psychological concepts. p. 310.

PROBLEMY OSHICHEI I SUEBNOI PSIKHIATRII [PROBLEMS OF GENERAL AND FORENSIC PSYCHIATRY]. Issued by Tsentral'nyi nauchno-isledovatel'skii institut sudebnoi psikiatrii [Central Scientific Research Institute of Forensic Psychiatry]. Moscow, no. 14, 1963.

- Table of contents translated
- Keribkov, O. V. - Some clinical problems in the sphere of "minor" psychiatry. p. 7.
- Fel'mskaya, N. I. - Dynamics of psychopaths and the significance of its various forms in forensic psychiatry. p. 18.
- Kulev, I. L. - Dynamics of a prognostically favorable variant of the so-called organic psychopathies. p. 34.
- Lukoshina, N. D. - Development of neurotic processes. p. 46.
- Korolev, V. V. - Clinical aspects of preneurotic states. p. 51.
- Kovalev, V. V. - Pathological formation of personality in patients with congenital vitium cordis. p. 60.
- Asatiani, N. M. - Role of deprivation of sleep in the genesis of obsessive fear. p. 70.
- Korkina, M. V. - Nervous anorexia. p. 77.
- Azizovich, N. N. - Anorexia nervosa as one of the forms of pathological reactions of pubertal age. p. 85.
- Gindikhin, V. I. A. - Results of medicinal treatment of psychopaths. p. 95.
- Shubina, N. K. - Some data on the dynamics of psychopathies based on materials of prolonged catamnesia. p. 102.
- Pechernikova, T. P. - Catamnestic study on psychopaths with manifestations of pathological barratry. p. 117.
- Pivovarov, V. L. - Clinical and catamnestic study of psychopathic personalities with a paranoid development. p. 128.
- Fetisov, O. E. - Apprehension disorders in psychopaths. p. 138.
- Shostakovich, B. V. - Relation of some characteristics of the dynamics of psychopathies of the irritable type to the situation. p. 149.
- Fel'mskaya, N. I. - Unfavorable course of reactive psychoses. p. 161.
- Immerman, K. L. - Chronic paranoid reactions. p. 177.
- Svinetskaya, I. A. Kh. - Syndrome of deliriumlike phenomena in a prolonged course of reactive states. p. 189.
- Chibrikov, I. U. K. - Structure and dynamics of the "animalistic" syndrome in the framework of various types of the course of chronic hysterical reactions. p. 197.
- Bobrova, I. N. - Treatment of chronic reactive states. p. 214.
- Morozov, G. V. - Some mechanisms of reactive stupor. p. 222.
- Anokhina, I. P. - Study of the reticular formation of the brainstem in disorders of motor functions in chronic reactive states. p. 229.
- Makina, E. B., Ivanov, N. A., Shneider, N. M. - Carbohydrate and phosphorus metabolism in reactive states. p. 237.
- Immerman, K. L. - Study on the reactivity of the body in chronic reactive states. p. 246.

- Semenova, K. A. - Study of the vegetative nervous system in a group of chronic reactive states. p. 257.
- Ratner, K. S. - Vascular reactions in chronic reactive states. p. 267.
- Ivanitskii, A. M. - Study of cortical and subcortical relations in reactive states by means of electrophysiological methods. p. 274.

PROBLEMY SUEBNOI PSIKHIATRII [PROBLEMS OF FORENSIC PSYCHIATRY]. Issued by Tsentral'nyi nauchno-isledovatel'skii institut sudebnoi psikiatrii [Central Scientific Research Institute of Forensic Psychiatry]. Moscow, no. 13, 1962. Voprosy kliniki, patofiziologii i immunologii shizofrenii [Problems of the clinical aspects, pathophysiology and immunology of schizophrenia], no. 2.

- Table of contents translated:
- Semenov, S. F., and others. - Clinical evaluation of the course of schizophrenia and other neuropsychic diseases in patients with specific antibody antibodies in the blood. p. 5.
- Kuznetsova, N. I., Popova, N. N. - Study of the conditions for detecting antibody antibodies in the blood serum of patients with neuropsychic diseases. p. 19.
- Nazarov, K. N. - Autoimmunization to antibodies of the brain in schizophrenia and in a number of other mental diseases. p. 30.
- Glebov, V. S. - Clinical immunological parallels in acute manifestations of schizophrenia. p. 45.
- Glebov, V. S. - Dynamics of blood serum proteins in the early stages of schizophrenia. p. 58.
- Il'mskii, I. U. A. - Changes in some allergic indices in the treatment of schizophrenia patients. p. 74.
- Morozov, G. V. - Characteristics of disorders of subcortical and stem formations of the brain in stuporous states. p. 85.
- Lunts, D. R., Feigenberg, I. M. - Comparison of clinical and electrophysiological data in schizophrenia with a prolonged course and manifestations of a defect. p. 92.
- Ivanuk, V. I. A. - Clinical and physiological analysis of some emotional disorders in schizophrenia patients. p. 106.
- Moskvichova, A. T. - Clinical and laboratory studies on patients with schizophrenia and other mental diseases manifesting jealousy delirium. p. 120.
- Katrazova, A. G. - Disorders of depth perception in schizophrenia patients. p. 136.
- Pivovarov, V. L. - Analysis of schizophrenia cases diagnosed as deep psychopathies excluding imputation, based on catamnestic observations. p. 144.
- Tal'tse, M. F. - Characteristics of the clinical aspects and social adaptation in patients with the paranoid form of schizophrenia with a slowly developing pathological process. p. 155.
- Pokrovskii, A. N. - Some clinical characteristics of the Kandinskii syndrome and its evaluation on the basis of forensic psychiatry. p. 168.
- Lukoshina, N. D. - Problem of obsessive states originating in the initial period of the schizophrenic process. p. 178.
- Anufriev, A. K. - Psychopathological variations of hypochondriacal states. p. 183.
- Freierov, O. E. - Explosive variation of pseudopsychopathic defective states in schizophrenia. p. 191.
- Pozdnakova, S. P. - Hysterical reactions in schizophrenia and their dynamics in connection with the treatment. p. 208.
- Kokanbayeva, R. F. - Comparative evaluation of amiazine and serpasil on the state of the vegetative nervous system in schizophrenia. p. 221.
- Korkina, M. V. - First results of the combined use of lofanin (mizlin) and shock doses of insulin for the treatment of schizophrenia with a dysmorphophobia syndrome. p. 229.
- Chargel'shvil, I. U. P. - Dependence of the effectiveness of the treatment of schizophrenia patients on the duration of insulin coma. p. 237.
- Zharikov, N. M. - Atypical forms of remission in schizophrenia in late periods of the disease. p. 243.
- Krauskii, V. S. - Evaluation of remissions (following a schizophrenic process) in prisoners. p. 254.

*ZHURNAL NEVROPATOLOGII I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY]. Issued by Vsesoyuznoye obshchestvo nevropatologov i psikiatrov [All-Union Society of Neuropathologists and Psychiatrists]. Moscow, vol. 65, no. 2, 1965.

- Table of contents translated:
- Aleksandrovskaya, M. M., Gelmman, I. U. A., Mals, V. N. - Cerebral-neuronal relations during intensified functioning of neurons according to data of morphological research. p. 161.
- Khudoladov, B. R. - Somatopsychic lesions of the inferior olive in the topical diagnosis of diseases of the medulla oblongata. p. 168.
- Bogolepov, N. N. - Change in the mitochondria of nerve fibers of the cerebral cortex in the early stages of degeneration; electron microscopic studies. p. 174.
- Petelin, L. S. - Classification and pathogenesis of hyperkinesias. p. 179.
- Evshev, N. F. - Electromyographic research in siringomyelia. p. 187.

- Buravtseva, V. P. - Acute necrotic inclusion encephalitis. p. 193
- Popelianskii, I. U. - Classification of cervical osteochondrosis syndromes. p. 199
- Logachev, K. D. - Neurological syndromes in some diseases of the locomotor apparatus. p. 201
- Lukacher, G. I. A., Krymon, M. A. - Spinal nerve syndrome in cervical osteochondrosis, clinical aspects and experience on work capacity. p. 210
- Popov, A. K. - Some features of the development, course and outcome in bilateral Bell's palsy. p. 216
- Speianskii, N. I., Sorokina, E. I., Belula, N. A. - Use of massage in cervical-thoracic radiculitis and sympathico-ganglionitis with cardialgia syndrome. p. 222
- Feldman, E. A., Ozols, J. - Device for spinal traction in radiculitis. p. 229
- Sakharov, L. N., Dodachev, V. I. - Treatment of lumbosacral radiculitis with pyrazinol. p. 232
- Safrai, S. E. - Treatment of cerebral palsy in children with hyperkinesia and cerebellar disorders. p. 235
- El-Sheikh Rakhim, I. A. - Some indices on the reactivity of the body in patients with schizophrenia. p. 241
- Fal'vishevskii, V. A., Nemtsov, A. V. - Effect of the blood serum of schizophrenia patients on the electrical activity of the brain in experimental animals. Report No. 2. Study on the blood serum of patients with the nuclear forms of schizophrenia. p. 247
- Vishniak, I. U. I., Krasnova, A. I. - Polarographic study of the blood serum of schizophrenia patients. p. 251
- Shenderova, V. L. - Piroplasmid schizophrenia. Report No. 2. p. 256
- Korchinskaya, E. I. - Comparative electroencephalographic characteristics of patients with piroplasmid schizophrenia and patients with noncomplicated malignant schizophrenia. p. 263
- Noshchenko, G. V. - Effect of a course of treatment with aminazine on regional blood circulation in schizophrenia patients. p. 268
- Lisitsa, G. I. - Dynamics of the blood pressure in the brachial, temporal and central retinal arteries in schizophrenia patients during the process of treatment. p. 273
- Lichko, A. E., Plisetskaya, E. M., Leibson, I. G. - Insulin activity in the blood plasma during insulin shock therapy in psychoses. p. 279
- Arutunov, E. S. - Changes in vegetative functions in schizophrenia patients during the process of treatment with insulin shock combined with aminazine. p. 283
- Kutsenok, B. M., Pelpas, V. E. - Some results of the use of hexonium in insulin therapy of schizophrenia with prolonged course. p. 288
- Sychov, P. V. - Experience with occupational and psychopharmacological therapy of chronic schizophrenia under conditions of a psychoneurological outpatient clinic. p. 291
- Dmitriev, B. - Some problems in the statistical evaluation of the mental health of the population. p. 296
- Vol. 05, no. 9, 1965.
- Table of contents translated
- Dunaeva, E. M., Sivukha, T. A. - Rheo-enkephalographic, electroencephalographic and clinical study on patients with cervical osteochondrosis with disorders of higher visual functions. p. 1281
- Dubinnov, B. L. - Spinal traction in the treatment of posterior protrusions of lumbar intervertebral disks. p. 1286
- Aas, I. A. K. - Some changes in the sympathetic nervous system in patients with degenerative lesions of the lumbar intervertebral disks. p. 1294
- Krasianekii, I. U. I. - Endolumbar injections of hydrocortisone and peridural injections of hydrocortisone with novocaine of the treatment of radiculitis. p. 1301
- Shindel'man, R. I. A., Stepanenko, O. R. - Symptomatology of lesions of the marginal trunk of the sympathetic nervous system. p. 1305
- Petrov, B. G. - Changes in the lability of the neuromuscular apparatus of the brachial zone in patients with cholecystitis and cervical osteochondrosis. p. 1312
- Lukacher, G. I. A. - Disability evaluation in diagnostic cervical myelopathy. p. 1315
- Gorbacheva, F. E. - Congenital arthrogryposis. p. 1320
- Pentashina, N. A. - Morphology of the pterygopalatine ganglion. p. 1325
- Chluchmakher, N. B. - Clinical anatomical comparisons in the diagnosis and treatment of facial neuralgia. p. 1331
- Sychov, I. A. M. - Hormonal treatment of neuritis of the facial nerve. p. 1336
- Vakhman, I. S. - Cerebellar hemorrhages in acute leukemia. p. 1340
- Kolobova, N. N. - Neurological syndromes in acute and chronic forms of leukemia. p. 1346
- Gaponova, I. U. G. - Reflex epilepsy. p. 1351
- Petrov, V. S. - Electron microscopic characteristics of cerebral capillaries in healthy persons and in some forms of clinical and experimental epilepsy. p. 1354
- Sivanova, M. V. - Effect of heat tests on the oxymetric indices in the interparoxysmal period of epilepsy. p. 1361
- Goluhov, A. Z. - Some pathophysiological neural mechanisms of epileptic oligophasia. p. 1365
- Sinitseii, V. N., Sologub, N. M. - Changes in the state of the endovascular system in epileptics at various stages in the course of the illness. p. 1371
- Posadnikov, V. S. - Status epilepticus and its prevention. p. 1377
- Neplekh, I. A. M. - Causes of fatal outcome in epilepsy. p. 1383
- Kamianov, I. M. - Therapeutic significance of pneumoencephalography in epilepsy. p. 1388
- Andreeva, N. N. - Therapeutic effectiveness of benzonal and the mechanism of its action. p. 1392
- Tselibeev, B. A. - Postoperative psychoses. p. 1395
- Dmitriev, B. - International classification of mental diseases. p. 1404
- Dolina, S. A. - Current concepts on the functional structure of the convulsive seizure. p. 1407
- Glotov, A. M. - Statements by American psychiatrists against social psychiatry. p. 1415
- Akhulin, E. A. - Index of books on neuropathology, psychiatry and related sciences received in the State Central Scientific Medical Library in June 1965. p. 1428
- V. K. Beletskii, on his 70th birthday. p. 1430
- d OPHTHALMOLOGY & OTO-RHINO-LARYNGOLOGY
- OPHTALMOLOGICHESKII ZHURNAL [OPHTHALMOLOGICAL JOURNAL]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the Ukrainian S. S. R.]. Kiev, vol. 20, no. 6, 1965.
- VESTNIK OPHTALMOLOGII [JOURNAL OF OPHTHALMOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 78, no. 5, Sep. - Oct. 1965.
- (DNLM)
- e. PATHOLOGY & THERAPEUTICS
- LABORATORNOE DELO [LABORATORY WORK]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, no. 6, 1965.
- Table of contents translated:
- Mazurik, V. K. - Modified method for determining β -aminolobutyric acid in the urine and tissues of animals. p. 451
- Savel'ev, V. E., Ionova, O. P. - Significance of silic acid and the erythrocyte sedimentation reaction in the diagnosis of surgical diseases. p. 455
- Tatarskii, V. V., Fedorova, K. V., Anshina, E. D. - Diphenylamine method for the quantitative determination of silicic acids. p. 457
- Babaev, T. A. - Results of the determination of silicic acid in tissues by means of the Svennerholm method, an abstract. p. 461
- Gol'shtim, V. K. - Combination of electrophoresis and chromatography for the study of amino acids in hydrolyzates. p. 461
- Dellamure, L. L. - Sudan test and its significance in the determination of the bonding strength between blood proteins and lipids. p. 465
- Trushinskii, Z. K. - Causes of contradictions in the determination of serum glutamic and oxalate transaminase. p. 467
- Dogdanovich, I. U. I., Nemeritskaya, I. B. - Cytologic diagnosis of intraocular tumors. p. 472
- Nikitin, A. I. - Use of cytochemical methods in the examination of smears from the cervix uteri. p. 474
- Moskvilina, E. S. - Cytologic diagnosis of appendicitis. p. 477
- Shelud'ko, I. U. A. - Diagnostic value of cytologic examination of the urine and punctates of renal tumors in children. p. 478
- Kuznik, B. I., Stobozhankina, I. K. - Participation of destroyed erythrocytes in the fibrinolysis process. p. 481
- Gritseluk, A. I. - Method of quantitative determination of plasminogen and inhibitors of plasmin in the blood serum. p. 484
- Diakov, S. I. - Method of intravital fluorochromizing of microorganisms in an agar culture medium chamber. p. 489
- Bogolavtenskaya, L. B., Kalina, A. P. - Methodology of determining enterogenic *Escherichia coli*. p. 491
- Kaganovskaya, S. N., and others. - Tricarbohydrate medium with urea in an examination for enterobacteria. p. 496
- Gorain, B. A., and others. - Results of using O'kenitaki's medium for the study of microbes of the Enterobacteriaceae family. p. 498
- Lipkin, M. E. - Significance of individual biochemical, serological, and biological tests in the identification of dysenteric microbes; a summary. p. 501
- Molavkina, N. S. - Complex analysis of defecation in gastrointestinal disorders of obscure etiology. p. 501
- Ruanel, V. V. - Use of the "TU" universal fluoroscope in bacteriological work. p. 504
- Shifarevich, M. A. - Use of wide-necked vacuum bottles for the inactivation of sera. p. 505
- Andreev, V. A. - Filtration cartridge. p. 506
- Fol'b, I. L. - Automatic microburet for amperometric titration. p. 507
- Zenkovich, G. D. - Modified device for obtaining ultrafiltrable fractions of calcium from the blood plasma. p. 509
- Efimovich, E. I. - Tungsten diaphragms for apertures and condensers in electron microscopy. p. 511
- No. 9, 1965
- Table of contents translated:
- Vainikova, S. A. - Comparative value of some indices of lipid metabolism in atherosclerosis. p. 515
- Kontukhov, S. G., Tarasova, L. N. - Laboratory control in treatments with anticoagulants. p. 517
- Pavlishchuk, S. A. - Clinical value of studying the adhesive capacity of thrombocytes. p. 521
- Troitskii, S. A., Volkova, I. D. - Halometric method for determining the average diameter of erythrocytes. p. 524
- Bershteyn, S. A., Evdokimov, I. R. - Electronic semi-automatic device for measuring the diameter of erythrocytes. p. 525
- Smitina, L. B., Petukhov, V. G., Fikhsman, B. A. - Photometric standardization of erythrocyte suspensions. p. 528
- Grigor'ev, G. P., Degtiarev, V. M. - Automatic recording of acid erythograms on the EFA-1 densitometer. p. 530
- Krylov, A. A. - Methodology for performing the provocation test for intravascular hemolysis. p. 533
- Konjakov, K. S. - Methodology for the determination of residual oxidizability of the cerebrospinal fluid and its clinical significance. p. 533
- Lendel, M. T. - Simplified method for electrophoresis of the gastric juice. p. 536
- Vineganova, N. I., Dinkova, L. N. - Clinical significance of the Vaisel-Rouse reaction and carbonic agglomeration (carbostat) in rheumatoid arthritis. p. 539
- Syrovalskii, G. V. - Diagnostic significance of the detection of hematin and cholesterol in crystals, an abstract. p. 542
- Filatov, A. T. - Test for the presence of C-reactive protein in mental diseases. p. 543
- Stakhil, I. V. - Standardization of the indirect hemagglutination reaction in histology. p. 544
- Volobin, V. I. - Specificity of the passive hemagglutination reaction in the neutralization of antibodies in plague. p. 548
- Belousov, A. V., Isakova, T. S. - Value of the hetero-hemagglutination reaction in Botkin's disease. p. 551
- Kokhanovskaya, T. M. - Comparative evaluation of culture media for determining the sensitivity of diphtheria bacilli to antibiotics. p. 553
- Berezkina, G. N. - Comparative study on culture media for isolation of diphtheria bacilli. p. 558
- Molotkov, V. I. - Quantitative determination of riboflavin in the urine by means of fluorometry. p. 559
- Vysotskaya, N. B., Krivopalov, V. A. - Fluorometer for the determination of catechol amines in live tissues. p. 562
- Ivanov, N. M., Nevinskii, A. A., Radi, N. S. - Fluorimetric determination of griseofulvin. p. 564
- Ostrovskov, V. D., Vol'ison, T. I. - Increasing the sensitivity of the EF-3M fluorometer by means of an attachment on semiconductor triodes. p. 567
- Beilis, I. U. I. - Semi-automatic attachment to a polarograph for working with a rotating hard electrode. p. 568
- Krainov, S. I. - Simple device for unidimensional paper chromatography. p. 571
- Rogozhin, B. A. - Simple cuvette for descending chromatography. p. 572
- Mozhin, L. V. - Improved comparator. p. 573
- Lein, B. N. - Use of the VK-4 viscosimeter for the standardization of the viscosity of hyaluronic acid. p. 574
- PATOLOGICHESKAYA FIZIOLOGIYA I EKSPERIMENTAL'NAIA TERAPIYA [PATHOLOGICAL PHYSIOLOGY AND EXPERIMENTAL THERAPY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 9, no. 3, May-June 1965.
- Table of contents translated:
- Petrov, I. R. - Role of V. V. Pashutin in the development of Russian pathological physiology. p. 3
- Voloshin, V. G. - Oxygen tension in the myocardium during respiration under excessive pressure. p. 6

Vasil'ev, P. V., Baid, V. E. - Effect of sympathomimetic amines on the resistance of animals to the effect of acceleration, p. 12.

Raisman, M. E., Smolova, Z. T., Khodas, M. A. - Effect of adrenalin, noradrenalin and acetylcholine on the oxygen balance of the heart following a ligation of the coronary artery, p. 16.

Sel'net, S. A. - Effect of noradrenalin on the blood flow in the liver and its oxygen regime in traumatic shock, p. 20.

Korostovtsov, N. V. - Prevention and treatment of sequelae of a prolonged interruption of hepatoportal circulation, p. 25.

Griantetskaya, T. S. - Correlation of data on direct and indirect calorimetry in dinitrophenol intoxication and fever, p. 30.

Iastrebov, A. P. - Mechanism of the effect of cobalt on erythropoiesis, p. 34.

Prukhrovskii, A. I. - Autoallergy in experimental renal hypertension, p. 37.

Chernukh, A. M., Aleksandrov, P. N. - Experimental data on the influence of some drugs on embryogenesis and cell division, p. 41.

Fashchetskaya, I. A. - Changes in the morphological composition of the blood under conditions of a deficient insulin supply to the liver, p. 45.

Shin'ko, V. M. - Effect of subphagocytic thermal effects on the development of subsequent inflammation of the concha auricularis in rabbits, p. 48.

Popova, N. K., Ivashkevich, E. I., Seigilevskii, V. S. - Effect of lipazid on the dynamics of electrolytes in experimental acute coronary insufficiency, p. 51.

Vornovskii, B. B. - Combined functional tests as a method of study of the characteristics of vegetative regulation under conditions of reactivity of the organism, p. 58.

Chernova, T. G., Andreeva, O. I. - Effect of cortisone on hemopoiesis under conditions prevailing in high mountains, p. 58.

Dashkovskaya, V. S. - Functional state of the stomach following the formation of anastomosis between the portal vein and the inferior vena cava, p. 59.

Gladkova, A. I., Novikova, N. V. - Use of ointment in hypertension of endocrine origin, p. 60.

Neiko, E. M., Sopil'nik, A. I. - Changes in liver function in peritonitis during disorders of its arterialization, p. 61.

Aikhilenko, V. I. - Interrelations between the rate of growth of Jensen's sarcoma and the state of the thyroid function, p. 63.

Chernikova, E. D. - Effect of cortisone on the regulation of the volume of circulating blood, p. 64.

Sherman, D. M. - Effect of the ligation of one carotid artery on the bioelectric activity of the brain in rabbits, p. 66.

Zabrodin, O. N. - Analysis of the development of destructive changes in the mucous membrane of the gastric wall during combined immobilization and electrization of rats, p. 68.

Aliev, M. A. - Effect of "altitude," aminazine and reserpine on arterial pressure in experimental hypertension, p. 69.

Rudiy, B. I. - Changes in the activity of aldolase, glutamic-oxalacetic and glutamic-pyruvic transaminases of the blood serum in anaphylactic shock, p. 70.

Gorbanova, N. A., Troitskii, V. B. - Changes in the blood coagulation system in dogs following the transfusion of the BK-8 protein blood substitute, p. 71.

Bubinkina, M. S. - Effect of intramuscular injection of parafin on calcium metabolism in the teeth and bones according to Ca^{45} incorporation indices, p. 73.

Nutrikhina, N. N. - Effect of the blood serum of patients with rheumatic fever on the permeability of capillaries of the skin in rabbits, p. 75.

Abuhder, A. A., Filimonov, V. G. - Effect of the changed state of the nervous system on the development of protein sensitization of the organism, p. 76.

Zakharina, E. A. - Method of inducing audiogenic convulsions, p. 76.

Artemkina, N. I. - Method of producing experimental thrombosis of the mesenteric vessels, p. 78.

Akhilov, G. N. - Method of recording the motility of the stomach in rats with the simultaneous collection of its secretion without a balloon, p. 79.

Nedoshivina, R. V. - Bromsulphalein method in the functional test of the liver, p. 82.

Bondarenko, B. B. - Effect of aldosterone on electrolyte metabolism and kidney function, a survey of the literature, p. 84.

Nikolai Nikolaevich Anichkov, p. 80.

Nikolai Vasil'evich Veselkin, p. 92.

Petrov, I. P., Gubler, E. V. - Decision of the plenum of the All-Union Society of Pathophysiologists, held in February 2-5, 1965, p. 93.

Vaksberg, G. M. - Protective role of cytotoxins in experimental urimum nephritis in rats, p. 27.

Gritsun, A. I. - Experiment of endocarditis induced by injection of streptococci and endocarditis in normal horse serums in rabbits and rats, p. 32.

Kachenko, L. L. - Study of the specificity of cytotoxic serums by the tissue culture method, p. 38.

Mikhailov, V. V., Aslanova, N. K. - Mechanism of disorders of the concentration and clearance capacity of the kidneys in botulism and diphtheria, p. 43.

Sorokin, A. V., Repin, I. S. - Development of fever reaction due to the injection of a bacterial lipopolysaccharide and endogenic pyrogen into the lateral cerebral ventricles in rabbits, p. 47.

Spitsyn, I. F. - Anitlaobin activity of the blood plasma under the influence of various factors on the function of the pancreas in dogs, p. 51.

Gette, Z. P., Bubuk, I. I. - Activity of serum enzymes in experimental mechanical jaundice in dogs, p. 51.

Gubler, E. V. and others. - Relation between hemocoagulation and the severity of bunus in man, p. 59.

Zaslavskaya, R. M. - Effect of reserpine on pulmonary circulation and the bronchial tone, p. 61.

Vlasov, I. U. A., Vinogradova, T. S., Fufin, V. I. - Characteristics of blood flow in patent ductus arteriosus, p. 70.

Kairukhskis, T. - Some regularities of the anti-anaphylactic effect of nonspecific therapy, results of the use of neobenzinol, p. 77.

Fedorova, A. M., Migula, T. V. - Pathogenesis of hyperferemia in hepatitis, p. 79.

Krut'ko, N. I. - Effect of some preparations of the phenolazine series on the regeneration of the bone tissue, p. 80.

Romova, E. P. - Changes in hemopoiesis in anaphylaxis, p. 82.

Abdullayev, M. D., Teplovskaya, G. V. - Study of some properties of a heterogenic Brown-Pearce rabbit tumor transplanted in rats, p. 85.

Tikhonov, I. B. - Factor of capillary permeability in rheumatic fever and experimental allergic inflammation, p. 87.

Uspenskiy, V. I. - Effect of experimental hypoxic hypoxemia on the clearing factor of the blood, p. 88.

Faltel'berg-Blank, V. R. - Changes in the absorptive and secretory functions of the stomach in experimental ulcers during the action of high-frequency physical agents on the organism, p. 90.

Aleksandrov, P. N., Gribanovskii, I. B., Chernukh, A. M. - The MF-2 microphotometer used as a cytophotometer, p. 91.

Shkatov, E. F., Kuznetsov, E. I., Baid, A. A. - Thermograph recording temperature at four points, p. 93.

TERAPEVTICHESKII ARKHIIV [THERAPEUTIC ARCHIVES]. Published by Ministerstvo zdravookhrameniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 36, nos 10-12, Oct.-Dec. 1964 (DNLM).

VOPROSY KURORTOLOGII, FIZIOTERAPII I LECHEN-NOI FIZICHESKOI KULTURY [PROBLEMS OF RESORT THERAPY, PHYSICAL THERAPY, AND EXERCISE THERAPY]. Moscow, vol. 29, no. 4, July-Aug. 1964.

Table of contents translated.

Shefer, D. G., Malkin, M. F. - Balneological physical therapy in vascular diseases of the brain, p. 289.

Piatnitskii, N. P., Kravtsov, S. I., Kutakh, G. I. - Mechanism of the action of hydrogen sulfide baths, p. 297.

Kaplan, S. I. A. - Corticoadrenal system of the adrenal glands and the action of hydrogen sulfide baths, p. 303.

Kopteva, E. G. - Changes in the effect of hydrogen sulfide baths under the influence of aminazine, p. 307.

Chernukh, G. A. - Effect of hydrogen sulfide and radon baths on the blood coagulability in hypertension and atherosclerosis, p. 312.

Bortseva, T., and others. - Effect of meteorological factors on the function of the adrenal cortex during balneotherapy, p. 316.

Leites, F. L. - Effect of radon baths on the regeneration of the peripheral nerves, p. 322.

Fedenkov, V. I. - Effect of therapeutic radioactive factors at the Belokurikha Health Resort on the thyrotropic activity of the blood serum in thyrotoxicosis, p. 327.

Kolchanovich, M. V., Volkova, O. A., Volynskii, A. M. - Changes in vascular reactions depending on the location of the application of therapeutic mud and its temperature, p. 330.

Pushkareva, A. A. - Results of the treatment of lumbosacral radiculitis with ultrasound in pulsating mode, p. 337.

Sheroshchinskaya, L. A. - Use of ultrasound in ophthalmology, p. 342.

Fesenko, V. P. - Effectiveness of the treatment of chronic colitis in Truskavets Health Resort, p. 345.

Shadrin, N., Zolotarev, G. M. - Diagnostic use of a high-frequency field in the clinical aspects of endocrine diseases, p. 350.

Lakson, K. A. - Fundamentals of the classification of type refinements for the movement activity of patients in hospitals, p. 453.

Itolovich, G. M., Nechaev, I. B. - Treatment of endarteritis of the lower extremities with vacuum massage, p. 356.

Shua-Buna, R. L., Ivanov, K. G. - Disinfection of apparatus for intestinal lavage, p. 357.

Nabok, M. F. - Organization of the Borislav stratal water treatment on a community basis, p. 361.

Chistenko, I. S., Marchenko, A. K. - Bukovina, the land of future health resorts and sanatoriums, p. 363.

Gavrilova, N. A. - New methods of treatment with diodynamic currents, p. 364.

Gudzhikulev, A. S. - Effect of sulfide baths at Sarnovsk-Kazanskii on the cardiovascular system, p. 366.

Kabanov, S. E., Gudziuk, N. S., Netronina, K. G. - Treatment at Sochi-Mastova Health Resort of some chronic diseases of the liver, gallbladder and biliary tract with indications for hydrogen sulfide bath therapy, p. 367.

M. S. Betsen'ki, on his 70th birthday, p. 374.

G. S. Vashchuk, on his 70th birthday, p. 375.

Vasilenko, F. - Conference on the problem "Physiology and pathology of digestion and problems of health resort treatment and physiotherapy," p. 376.

Trink, R., Velpat, L. - The 6th Estonian Republic Conference on Health Resort Treatment and Physical Therapy, p. 381.

Markov, D. A., Gremder, A. B. - Activities of the White Russian Society of Physiotherapists and Health Resort Treatment Specialists, p. 383. (DNLM).

Vol. 30, no. 4, July-Aug. 1965.

Table of contents translated.

Aleksandr Nikolaevich Onyov, on his 70th birthday, p. 289.

Strova, L. V. - Changes in the peripheral blood and medullary hemopoiesis in positive and negative acclimatization, p. 294.

Sokolova, Z. A., Kubli, S. Kh. - Some indices of the oxidation-reduction processes in the blood in dogs with experimental atherosclerosis under the effect of negative acclimatization, p. 297.

Feldin, Kh. M., Leites, F. L. - Effect of sodium chloride baths on the function of the hypophyseal-adrenal system, p. 300.

Isheteva, A. M. - Effect of baths with various radon concentration on the arterial pressure, p. 304.

Faltel'berg-Blank, V. R. - Effect of inductothermy on the absorptive activity of the stomach and intestine, p. 306.

Rozhkovskaya, A. G. - Compound treatment of peptic ulcer of the stomach and duodenum with the use of Kuyal'nik No. 4 mineral water, p. 309.

Sokolovskii, A. N., Baikalov, I. K. - Effect of mineral water from the Naftusa spring on the acidity of gastric juice and the motor and evacuative function of the stomach and gallbladder, p. 312.

Polonetskaya, B. N. - Ultrahigh-frequency therapy in the compound treatment of Bolkh's disease, p. 315.

Fidurov, I. A. N. - Effectiveness of the therapeutic use of diathermy, paraffin and hot water bottle in chronic hepatitis, p. 316.

Karachetseva, T. V. - Use of physical factors in the compound treatment of chronic tonsillitis in children with rheumatic fever, p. 321.

Kivertseva, N. A. - Effect of compound treatment at health resorts on some functions of the connective tissue system in patients with rheumatic fever in the intrapreoxysmal period, p. 328.

Fobrova, A. M. - Mechanism of the action of diadynamic currents in disorders of arterial circulation in the extremities, p. 332.

Arapov, A. S. - Immediate and late results of treating patients with obliterating endarteritis at the "Yuki Health resort, p. 335.

Vitushkina, S. M. - Electrical field of ultrahigh frequency in the compound treatment of thrombophlebitis, p. 338.

Ashikhmina, A. A. - Changes in the ballistoxardiogram in chronic nonspecific diseases of the lungs under the effect of exercise therapy, p. 341.

Latyshev, G. D., Boksha, V. G. - Medical evaluation of the weather, index of the weather and the reactions of patients, p. 345.

Saldaev, P. V. - Role of climatic factors in the treatment of hypertension, p. 351.

Agadzhanov, N. S. - Treatment of gynecological diseases at Tsatsiki Health Resort, p. 355.

Kurpan, I. U. I. - Basic aspects of the methodology of exercise therapy in gynecological celiotomy, p. 358.

Dubinskii, R. A. - Hygienic basis for ventilation installation projects in balneological buildings, p. 363.

- Georgievskaya, G. L., Rakhlina, A. V., Ivanov, F. I. - Use of Lipetsk mineral water in the treatment of chronic cholecystitis. p. 366.
- Kondrat'ev, I. M., Isakova, A. G. - Elements of external respiration in some variants of exercise therapy following appendectomy. p. 367.
- Brand, B. V. - Mirror attachment to ultrahigh-frequency apparatus. p. 368.
- Zaibin, V. A. - Perspectives for the development of climatophysiology and climatotherapy. p. 369.
- Banshchikov, V. M., and others. - Conference of doctors of Moscow and Moscow Province on the problem of electrosleep. p. 375.
- Boksha, V. G., Troitsenko, S. Ia. - Scientific session dedicated to the 50th anniversary of the I. M. Sechenov Institute of Medical Climatology and Climatology. p. 376.
- Sukharev, V. I. - Problems of the use of physical therapy in dermatology at the Plenum of the All-Union Society of Dermatovenereologists. p. 380.
- Shterengalts, A. E. - Health resort conference of doctors of the Odessa Zonal Administration of Sanatoriums of the Ministry of Public Health of the Ukrainian S.S.R. p. 381. (DNLM)
- *VOПРОСЫ ОНКОЛОГИИ (PROBLEMS OF ONCOLOGY).** Issued by Ministerstvo zdoravookhraneniia SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 11, no. 7, 1965.
- Table of contents translated
- Serdyukov, A. I. - Fundamental trends in oncological gynecology and prospects for their further development. p. 3.
- Totuzakov, V. L., and others. - Roentgenological evidences of the inoperability of pulmonary cancer. p. 9.
- Kazanskii, V. I., Bogdanov, A. V., Khailonov, I. G. - Selection of the esophageal anastomosis in radical operations for cancer of the upper portion of the stomach invading the esophagus. p. 18.
- Tchilievich, V. P., Loskutova, G. P. - Importance of hystero-graphy in the evaluation of the effectiveness of radiotherapy for cancer of the body of the uterus. p. 21.
- Val'des, V. A. - Functional and morphological changes in the adrenal cortex and the adenohipophysis in malignant tumors. p. 27.
- Smirnov, N. M. - Histopathologic analysis of the mucous membrane of the pyloric antrum and the proliferating and malignant body of the stomach in polyps. p. 34.
- Grekh, I. F., and others. - C-reactive protein in benign neoplasms and cancer. p. 37.
- Abasov, A. T. - Serum protein fractions in patients with cancer. p. 41.
- Chistova, N. M. - Histochemical changes in cultures of lymphatic nodes under the influence of blood serum and extract from leucocytes of patients with leukemia. p. 47.
- Korostelova, T. A. - Changes in the antigen composition of the liver during the early period of the action of oltioaminoazotoluene. p. 52.
- Turusev, V. S. - Papillomas induced with 9, 10-dimethyl-1, 2-benzanthracene following preliminary irradiation of skin sections. p. 53.
- Netman, I. M. - Effect of small doses of carcinogenic substances on the organism. p. 63.
- Fedorov, A. I. - Immunological reactivity of chickens during the growth of Rous sarcoma. p. 67.
- Veksel', I. G., Shevchenko, V. N. - Effect of homotransplantation of bone marrow on the toxic and antitumor activity of some alkylating drugs. p. 71.
- Dmitriyeva, N. P., Ljubimova, T. P. - Characteristics of a strain of transplanted tumor of the thyroid gland in rats. p. 77.
- Portnoi, L. M., Orlovskaya, L. A. - X-ray observations on the dynamics of changes in pulmonary lymphogranulomatosis during chemotherapy. p. 82.
- Potuskov, I. U. A. - Difference between thrombophlebitis of the superficial cutaneous veins in the thoracoparietal region and the intracutaneous metastasis of breast cancer. p. 88.
- Til'vel', Kh. A., Vagner, R. I. - Scope of operative intervention in so-called lateral aberrant sinuses. p. 94.
- Pinchuk, G. I. - Fibroepithelioma and cancer of the urinary bladder. p. 101.
- Koleshko, L. E. - Ten years' survival of a patient following surgery for combined cancer and tuberculosis of the lungs: one observation. p. 105.
- Voronova, L. E. - Cancer of the larynx in a girl aged 15, one observation. p. 107. (DNLM)
- Vol. 11, no. 9, 1965.
- Table of contents translated:
- Strashinin, A. I. - General reaction and radiation lesions in radiotherapy of cancer of the cervix uteri. p. 3.
- Vladimirova, V. S. - Use of colposcopy for early diagnosis of cancer of the cervix uteri. p. 8.
- Deister, L. I., Neishtadt, E. L. - Changes in the nerve fibers of vulvar tissues in leukosis and leukoplakia. p. 12.
- Chen-Maiansava, T. P. - State of sexual functions following treatment of cancer of the cervix uteri. p. 16.
- Matylnuk, V. V. - Anatomical indications for the radical resection of the inguinal lymph nodes. p. 22.
- Galushkin, A. N. - Changes in venous pressure during anesthesia with artificial pulmonary ventilation in surgery for tumors of organs of the abdominal cavity. p. 30.
- Sokolova, N. M., Tumbina, I. L., Zeldovich, D. R. - Content of vitamin B₁₂ in the blood of patients with malignant tumors. p. 36.
- Rampin, I. U. I. - Afferent innervation of sarcoma 45. p. 42.
- Dalashov, V. N., Dolgova, M. A. - Blood vessels in metastases of Brown-Pearce tumor in the liver in rabbits. p. 48.
- Dzhigeev, F. K. - Effect of clethronecoccus extract on the genesis of pulmonary adenomas induced in mice by means of urethane. p. 51.
- Pletnev, S. D. - Benign cartilaginous tumors of the lung. p. 55.
- Eflov, V. M. - Experience in the surgical treatment of pulmonary cancer. p. 60.
- Loskutova, G. P. - Primary cancer of the fallopian tubes detected by means of hysterosalpingography. p. 64.
- Berman, N. A., Kosareva, A. N. - Cancer of the female urethra, according to data of the Institute of Oncology of the Academy of Medical Sciences of the U.S.S.R. p. 68.
- Pachev, A. I. - Teaching oncology in medical institutes. p. 71.
- Misheglan, S. A., and others. - AER-RP-62 apparatus and its use in the oncological clinic. p. 75.
- Knysh, V. I. - Chondrosarcoma of the stomach; a single observation. p. 80.
- Nikolaev, E. K. - Angioarchitectonics of glomus tumors of the stomach; a single observation. p. 82.
- Pigarev, I. U. G., Solonenko, A. D. - Malignant multiple teratoma of the retroperitoneal cellular tissue and testis, a single observation. p. 85.
- Osipenko-Vichomova, T. K., Solntseva, I. V. - Carcinoma of the breast, a single observation. p. 88.
- Kovalenko, V. L., Molodtchik, D. N. - Malignant hemangioendothelioma of the heart with metastases in the lungs; a single observation. p. 90.
- Kaplan, M. I. - Primary adenocarcinoma of the seminal vesicles; a single observation. p. 92.
- Goloshchapov, N. M. - Stimulation of the healing in ulcerous processes in tissues with trophic disorders. p. 92.
- Kaledin, I. S., Duplik, Z. K. - Cancer of the urethra in males, two observations. p. 95.
- Tunpezhnikov, N. N., Plotnikov, V. I. - Unusual localization of chondrosarcoma of the bone, a single observation. p. 97.
- Guslitzer, L. N. - Occurrence of malignant neoplasms among the population of Chuvash Province of the U.S.S.R. p. 100.
- Bisev, I. A. I. - Recorded morbidity and mortality from cancer among the population of Saratov. p. 102.
- Volfson, N. I., Kosol, G. Kh. - Methodology for inducing cancer of the cervix uteri. p. 105.
- Oleinik, I. I. - Effect of culture liquid of the cholera-like vibrio on the cells of Ehrlich's carcinoma. p. 105.
- Vermel', A. E., Sokolova, G. M. - Chemotherapy of pulmonary cancer. p. 108. (DNLM)
- I. PHARMACY & MATERIA MEDICA**
- *ANTIBIOTIKI (ANTIBIOTICS).** Issued by Ministerstvo zdoravookhraneniia SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 10, no. 7, July 1965.
- Table of contents translated:
- Fedorova, I. V., Altkhanian, S. I. - Characteristics of the variability of Actinomyces aureofaciens strains in respect to the production of antibiotics under the effect of mutant actinophages. p. 579.
- Kozachenko, V. I., Got'dal, S. I. U. - Obtaining a phage-resistant strain of Actinomyces aureofaciens producing chlortetracycline. p. 580.
- Bartoshevich, I. U. E., Ljubinskaya, S. I. - Auxotrophic mutants of the producers of novobioin. p. 580.
- Kuznetsov, V. D. - Classification of Actinomyces galbicus. p. 585.
- Tsyganov, V. A., Konev, I. U. E., Namentnikova, V. P. - Characteristics of the actinomycete No. 44 B/A, the producer of mycoheptin, a new antifungal antibiotic. p. 599.
- Eckardt, K., and others. - Griseorhodins, a new group of actinomycete dyes acting as antibiotics. p. 603.
- Zaimanov, E. S., and others. - Effect of some antitumor antibiotics on the synthesis of nucleic acids and reproduction of viruses in a culture of human amnion cells (strain FL). p. 613.
- Zak, A. F., and others. - Evaluation of the harmlessness of erythromycin based on data of various tests. p. 622.
- Bykova, M. A., Storozhev, I. A., Belezina, E. K. - Pharmacology of d-cycloserine. p. 626.
- Vels, R. A., Storozhev, I. A. - Pharmacological study of methycillin. p. 629.
- Titov, M. B. - Effect of levomycetin on blood proteins and prothrombin. p. 634.
- Koshik, T. G., Grishilo, A. F. - Effect of tetracycline on the glycogen-forming function of the liver and the intestinal microflora in white mice. p. 636.
- Baschanchidze, G. Sh., Kludashvili, M. D. - Comparative characteristics of the sensitivity to various antibiotics of staphylococci strains freshly isolated from sick children. p. 640.
- Veselov, M. P. - Changes in the form of dysentery bacilli grown on media with levomycetin. p. 612.
- Dumova, A. M. - Effect of tetracycline and oxytetracycline on the function of adrenal glands. p. 647.
- Stef'nikov, I. U. F. - Effect of tetracyclines on the heart in an experiment based on electrocardiographic data. p. 650.
- Kondrat'eva, I. G., and others. - Use of levomycetin for the preservation of placental serum. p. 657.
- Ol'tava, N. V. - Mechanism of tetracycline biosynthesis. p. 661.
- Vol. 10, no. 8, Aug. 1965.
- Table of contents translated
- Skyta, Bohumil - Semicontinuous biosynthesis of streptomycin and oxytetracycline. p. 675.
- Egurov, N. S., and others. - Formation of novobioin in the dynamics of the development of Actinomyces sphaeroides culture on a synthetic medium with various nitrogen sources. p. 678.
- Meshekov, A. N., Levitov, M. M. - Cultivation of Actinomyces fradiae 129 under conditions of a mechanical influence on the mycelium. p. 685.
- Kuznetsov, V. D. - Phagolysis of actinomycetes as one of the causes of disorders in the biosynthetic process of some antibiotics. p. 689.
- Matshevich, N. V., and others. - Possibilities of selecting Actinomyces sphaeroides variants which have lost the ability to produce actinophages. p. 693.
- Givental', N. I., and others. - Experimental study of polymeric derivatives of penicillin. p. 701.
- Boleslavskaya, L. O., Boten'kii, B. G. - Microanalytical hydrogenation of polycyclic antibiotics. p. 707.
- Morozova, E. S., Altkhanian, S. I. - Natural and induced variability of the strain LS-1 with respect to production of antibiotics on various media. p. 709.
- Pokidova, N. V., and others. - Purification of interferon by chromatography on sephadex KM. p. 713.
- Bilnov, N. O., Morozova, G. R., Khokhlov, A. S. - Comparison of coelcomycin with the red-violet indicator antibiotics. p. 717.
- Tal'zina, V. A., and others. - Use of cell lines from human tumors for the initial selection of antineoplastic antibiotics. p. 722.
- Linsheko, V. A., Kolesnikova, L. P. - Changes in the populations of ascler cells following treatment with two anticancer substances. p. 724.
- Chirkova, O. O. - Effect of oxytetracycline on the absorption function of the reticuloendothelial system. p. 730.
- Zak, A. F. - Tissue culture as a model for studying the biological activity of penicillins and macrolide antibiotics. p. 733.
- Popov, I. U. B. - Rate of the development of antibiotic resistance in salmonella. p. 740.
- Popov, I. U. B. - Variability of the serological properties of salmonella under the effect of antibiotics. p. 742.
- Kokhanovskaya, T. M. - Study on the sensitivity of diptheria bacilli to antibiotics. p. 744.
- Lopatin, A. I. - Erythromycin in the treatment of nongonorrheal urethritis in males. p. 749.
- Osipova, E. S., Govorova, E. V., Krupodov, V. Ia. - Treatment of the carriers of pathogenic staphylococci with erythromycin and cefmanavilicillin. p. 752.
- Vil'shanskaya, E. L., Shteinberg, G. B. - Reduction of microflora in the body resulting from prolonged contact with antibiotics. p. 765.
- Svot'eva, T. L. - Amphotericin and its clinical use. p. 761.
- Vol. 10, no. 9, Sep. 1965.
- Table of contents translated:
- IAkubov, G. Z. - Mycelines B₁, B₂ and C, the new antibiotics of the rhodomyces group. p. 771.
- Borovskii, E. V., and others. - New antifungal antibiotic mycoheptin from the group of nonamatic heptanes. p. 776.
- Ljubinskaya, S. I. - Strain No. 35 of Actinomyces sphaeroides as a producer of novobioin. p. 781.
- Shtundova, I. U. B., Egorov, N. S., Ocharkova, T. P. - Study of the effect of some conditions of the cultivation of Streptococcus lactis on the formation of toxin. p. 784.
- Kuznetsov, V. D., Semenov, S. M. - Mutability of framycin (neomycin)-producing Actinomyces fradiae No. 129 during their storage under laboratory conditions. p. 788.

- Lomovskaya, N. D., Alkhunian, S. I. - Characteristics of the effect of 2 actinobacteria on cultures of *Actinomyces phaeodis*. p. 793.
- Mercantov, A. S., Kruglak, E. B., Biazhenkova, M. G. - Products of acid hydrolysis of olivomycin. p. 800.
- Glushkova, N. E., Taranovich, G. L. - Effect of olivomycin on the nucleic, amino acid and energy metabolism. p. 801.
- Lashenko, V. A., Kolesnikova, L. P. - Experimental effect of anticarcinogenic substances on the formation of hemolysins. p. 808.
- Imshenetskiy, V. F. - Pyogenic streptococci isolated in cranio-cerebral inflammatory diseases and their relation to antibiotics. p. 816.
- Iakovlev, V. P. - Absorption and distribution in the body of phenoxymethyl penicillin and various salts of benzyl penicillin in experimental anaphylactoid shock in white rats. p. 820.
- Ruditskiy, E., Nefedova, Z. V. - Circulation of 6-aminopenicillanic acid in the rabbit organism. p. 824.
- Bobkova, E. V. - Relation of the concentration of monomycin in the blood and wound tissues to the method of its introduction in rabbits with *Proctus* wound infections. p. 825.
- Paderina, E. M. - Transmission of resistance to streptomycin in staphylococci by means of phages. p. 832.
- Dziubak, S. T. - Resistance formation in *Serratia dysenteriae* bacilli to antibiotics and phage under the effect of streptomycin combined with vitamin B₁₂. p. 837.
- Fedorova, L. S. - Nucleotide composition of the streptomycin-resistant *Erwinia carotovora* f. citrullis. p. 840.
- Dumova, A. M., Prokudina, E. A. - Effect of tetracycline on the content of hydrocortisone in the blood in guinea pigs. p. 842.
- Bobkova, L. V. - Increase of the resistance of *Proctus* to antibiotics in infected wounds depending on the dose and method of introduction of monomycin. p. 845.
- Naumov, G. P. - Pathoanatomical changes of the upper respiratory tract and lungs under the effect of antibiotic electroaerosols. p. 848.
- Pesina, Z. A., Chistokova, A. V. - Sensitivity of gonococci to antibiotics in various forms of gonorrhea in women. p. 852.
- Shenderovich, V. A., Skurovich, G. V., Golosova, T. V. - Experimental study on lysozyme and echinocyclin aerosols. p. 856.
- Chenomonidk, A. B., and others. - Neomycin-resistant forms of colicleridia in children and their treatment. p. 859.

MEDITSINSKAYA PROMYSHLENNOST' SSSR [MEDICAL SUPPLIES INDUSTRY OF THE U. S. S. R.] Organ of Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 10, no. 9, Sep. 1965.

NOVYE LEKARSTVENNYE SREDSTVA [NEW DRUGS] Issued by Farmakologicheskii komitet Ministerstva zdravookhraneniya SSSR [Pharmacological Committee of the Ministry of Health of the U. S. S. R.]. Moscow, no. 7, 1965.

Table of contents translated

Viprazinum. p. 3.

Nitrosorbid. p. 25.

Pastinaculum. p. 62.

Rumatin. p. 78.

Hounsulid. p. 95.

Cycvalonum. p. 105.

Erfinit. p. 115.

REFERATIVNYI ZHURNAL: FARMAKOLOGIYA, TOKSIKOLOGIYA (Odnimnyi vypusk 54) [JOURNAL OF ABSTRACTS: PHARMACOLOGY, TOXICOLOGY (Separate Issue 54)] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 18, Sep. 1965.

g PUBLIC HEALTH & NURSING

FELDSHER I AKUSHERKA [FELDSHER AND MIDWIFE] Issued by Ministerstvo zdravookhraneniya SSSR and Ministerstvo zdravookhraneniya RSFSR [Ministry of Health of the U. S. S. R. and the Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 30, no. 8, Sep. 1965

***GIGIENA I SANITARIYA [HYGIENE AND SANITATION]** Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 30, no. 8, Aug. 1965.

Table of contents translated

Danilov, I. U. E. - For further improvement of the work of the sanitary epidemiological service. p. 3.

Tkach, N. Z. - Combined effect of acetone and acetaldehyde in the air. p. 10.

Mukha, V., Kamenskii, P., Keleti, I. U. - Mechanism of the development and prevention of alimentary nitrate methemoglobinemia in breast-fed infants. p. 16.

Ekshtat, B. A. - Materials on the establishment of hygienic norms for hydrazine hydrate and phenylhydrazine in bodies of water. p. 21.

Riabchikov, V. A., Lovtsevich, E. L. - Comparative resistance of enteroviruses and colon bacilli in water during disinfection with γ -radiation. p. 26.

Bobov, A. N., Fedorchuk, S. I. A., Prokopenko, V. A. - Sanitary chemical evaluation of polyvinyl acetate as an insulating material with an addition of carbamide resins. p. 30.

Stalset, N. K. - Materials on the establishment of hygienic norms for diethylcyclohexylamine nitrate in the air of industrial premises. p. 35.

Bobov, N. I. - Reaction of skin vessels to protracted local cooling. p. 39.

Mlasnikov, S. P. - Experimental effect of sausage manufacturers on methemoglobin formation. p. 44.

Prokofyeva, N. G., Krivlagina, N. B. - Hygienic evaluation of the conditions of vocational training of schoolgirls from senior grades at confectioneries. p. 47.

Sukharev, A. G., Maslova, N. P., Kazachuk, V. N. - State of health and physical development of schoolchildren in Novosibirsk. p. 51.

Manila, M. D., Ripp, G. Kh. - Spectrophotometric method of determining small concentrations of divinyl in the air in the presence of other products of the synthetic rubber industry. p. 55.

Semenov, V. A., Popov, E. N. - Attachment to the vacuum cleaner for taking air samples. p. 58.

Nagibina, T. E., Ershova, K. P. - Determination of petroleum products in the water. p. 59.

Shustov, A. I. - Method of determining the phagocytic activity of leucocytes in hygienic examinations. p. 61.

Riabchikov, V. F. - Zoning of hot working departments as to thermal irradiation intensity. p. 65.

Korenkov, I. P., Golikov, V. I. A., Sobolevskii, M. A. - Method of individual dosimetric control. p. 67.

Krivanzhi, D. N. - State and prospects for the development of scientific studies in the realm of communal hygiene in the Ukrainian S. S. R. p. 72.

Solovikhin, P. I. - Results of the use of electric aspirators in taking air samples. p. 76.

Osintsev, D. K. - Case of artesian water pollution by the wastes of pickling departments. p. 77.

Belousov, V. N., Sidorenko, B. T., Khait, K. B. - Practice of pollution control in the Nura River. p. 79.

Petrova, N. I., Shilekher, N. B. - Results of demercurization at a mercury combine. p. 81.

Poskachev, T. I. - Hygienic evaluation of the organization of nutrition for schoolchildren in a rural boarding school. p. 83.

Leschinskii, D. S. - Lighting of school gymnasiums. p. 81.

Makarov, E. I. U., Gorovskaya, E. F., Gusatinskii, N. A. - Hygienic assessment of the use of a swimming pool. p. 86.

Gabovich, R. D., Goncharuk, E. I., Ivanov, G. G. - Sewerage system for the residential area of a village and for separate dwelling units. p. 88.

Pertsov, I. A. - Sanitary-radiological aspects of underground nuclear explosions, according to foreign publications. p. 94.

Marek, A. N. - Problems of environmental protection from contamination with radioactive substances; based on materials of the 3d International Conference on the Peaceful Uses of Atomic Energy. p. 100.

Cherkinskii, S. N. - Soviet studies on water supply and pollution control in bodies of water as interpreted in the U. S. A. p. 106.

Starkov, E. - Results of the use of alluvial infiltration waters for centralized water supply. p. 108.

Veldre, I. A., Manski, I., Drovodov, G. V. - Results of sanitary-hygienic studies of the coastal area of Pärnu Bay. p. 109.

Stozhenskii, A. I., Zagorovskii, O. A. - Formation of nitric oxide during gas combustion under industrial conditions. p. 111.

Aleksandrovskii, I. U. K., and others. - Noise and vibration at precast reinforced concrete plants. p. 113.

Afanasev, P. P., Mamytov, B. M. - Changes in the physical development of schoolchildren in the Kirghiz S. S. R. p. 115.

Skolubovich, G. V. - Work of the United Amur Branch of All-Russian Scientific Medical Societies of Hygienists, Public Health Physicians, Epidemiologists, Microbiologists and Specialists in Infectious Diseases during 1964. p. 118.

Grushko, I. A. M. - Work of the journal "Gigiena i Sanitariya" during 1964. p. 119.

Professor V. A. Pol'kis. p. 122.

MEDITSINSKAYA SESTRA [MEDICAL NURSE] Issued by Ministerstvo zdravookhraneniya RSFSR [Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 24, nos. 9-10, Sep.-Oct. 1965.

h SURGERY & DENTISTRY

ORTOPEDIYA, TRAVMATOLOGIYA I PROTEZIROVANIYE [ORTHOPEDICS, TRAUMATOLOGY, AND PROSTHETICS] Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 20, no. 8, Aug. 1965.

Table of contents translated

Volkov, M. V., and others. - Modern achievements of chemistry in the practice of traumatology and orthopedics, results of the work of the Central Institute of Traumatology and Orthopedics. p. 3.

Gurgenidze, N. I. - Restoration of the ligament apparatus of the knee joint with a capron cord. p. 11.

Artem'eva, A. S. - Results of restoring the cruciate ligaments of the knee joint with a lavsan band. p. 16.

Samoilov, G. S. - Alloplasty of the patella. p. 20.

Lytin, M. I., Lebedev, I. V., Kuygyn, A. A. - Alloplasty of arteries in injuries of the middle vessels and their sequelae. p. 23.

Sheslavskiy, N. V., Smelantsev, F. M. - Use of a synthetic polyvinyl solution as a plasma substitute in orthopedic operations on children. p. 29.

Usolt'seva, E. V. - Progressive diseases of the auxiliary apparatuses of the hand. p. 32.

Rumyantseva, A. A. - Surgical tactics in bilateral diseases of the hip joint in adults. p. 38.

Kolot, I. A., and others. - Effect of ultrasonic waves on the mineral metabolism of the bones. p. 43.

Pevzner, M. S., Stukov, M. V. - Prosthetics and orthopedic aid following amputation of the extremities. p. 51.

Fel'shtovskiy, N. B., Mudrik, V. A., Lurmanovskiy, A. A. - Invalidism due to industrial injuries of miners in the Lvov-Volyn' coal basin and measures for its decrease. p. 57.

Delevskiy, I. U. P., Shcherbak, G. A. - Results of use of plastic packages in tissue preservation. p. 62.

Skilankin, E. T., Drobov, V. I. A. - Partial dislocation of the shoulder and the syndrome of the functional impairment of the anterior serratus. p. 66.

Artem'eva, A. A. - Surgical treatment of dysplasia of the hip. p. 69.

Shevelenko, S. D. - Vanadium content in human bone. p. 73.

Saglabayev, A. U., Semenov, G. V. - Experimental posttraumatic contracture of the elbow joint. p. 75.

Lianov, Z. A. - Modernized Ducrequet apparatus. p. 78.

Zhila, I. U. S. - Use of a fixating device made from horn in treating pseudarthrosis. p. 80.

Smirnova, L. A. - Thirty-five years of the Orthopedic and Traumatological Department of the Dnepropetrovsk Medical Institute. p. 83.

(DNLM)

15. AGRICULTURE

a. GENERAL

AGROBIOLOGIYA [AGROBIOLOGY] Issued by Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V. I. Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, no. 5(158), Sep.-Oct. 1965.

Table of contents translated

Enkeev, Kh. K. - New varieties of fruit crops. p. 843.

Kosykh, S. A. - Developing winter-hardy forms of apricot by sowing seeds of cultivated varieties in the Sivas Region of the Crimea. p. 849.

Tveritchev, F. G. - Effectiveness of geographically remote crossing and conditioned development of apricot. p. 853.

Lognycheva, A. G. - Black currant breeding in the Province. p. 857.

Iakubtsiner, M. M. - Understanding the varieties of two-way wheat. p. 861.

Umen, D. P., Chalyl, I. I., Shcherbakova, L. M. - Effect of the ripeness of seed on the yield of individual oilseed and aromatic crops. p. 861.

Enchev, I. A., Bozova, L. - Induced phytochemical and biochemical changes in the process of the transformation of spring into winter varieties of wheat. p. 871.

Smirnov, V. G. - Developing new winter wheat varieties by the method of remote crossing and conditioned development of hybrids in Kirov Province. p. 881.

Tishin, A. I. - Fertilization of cotton flowers with a limited quantity of pollen. p. 892.

Ten, A. G. - Effectiveness of intervarietal translocation for the production of red clover seeds. p. 899.

Onarov, D. S. - Effective methods for barley breeding. p. 899.

Dravitskaya, I. A., Zabravskaya, O. A. - Biology of the flowering and pollination of a cherry plum. p. 703.

- Rempe, L. Kh., Kaltagova, O. G. - Effect of root micro-organisms on the development and plant nutrition from the soil:
Role of stimulating bacteria on increasing the yield of farm crops. p. 706
Effect of root microflora on the uptake of nutrients by plants p. 714
- Cholodniov, G. I. - Nitrifying capacity as an objective indicator of the fertility of soil p. 722.
- Kurguzov, P. I. - Effectiveness of the use of peat-manure compost for potatoes. p. 726.
- Sazonov, I. N. - Viability of oak clusters in the forest-steppe. p. 728.
- Deskaravainyi, M. M. - Accretion of the aerial parts of trees p. 738.
- Savel'eva, L. S. - Movement of water solutions in nodate roots. p. 745.
- Zel'man, D. P. - Advantages of planting oak in clusters. p. 749.
- Zakharov, M. D., Rametov, T. - Building up a breeding flock from black ewes producing golden-fleeced lambs. p. 750.
- Iakovlev, G. V. - Characteristics of the phasic development of wild rye varieties. p. 762.
- Salcheva, G., Vasil'eva, M. - Preservation of spring oat and pea plants in winter under artificial conditions. p. 764.
- Akhmedov, A. A. - Biological characteristics of sorgo in the Northern Caucasus. p. 765.
- Nezvorov, I. M. - Effectiveness of pine group plantations in mixed pine stands of the Buzuluk pine. p. 767.
- Bereznoi, I. P. - Use of apogonitism in the accelerated propagation of small-growing apple rootstocks. p. 769.
- Varunskan, I. S. - Some remarks apropos of the H. Gaul's article on the importance of induced mutations in plant breeding p. 771.
- AGROKHMIA [AGROCHEMISTRY].** Issued by Akademiia nauk SSSR and Ministerstvo sel'skogo khozaiatva SSSR [Academy of Sciences of the U.S.S.R. and the Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 9, Sep. 1965.
Table of contents translated:
Vol'kovich, S. I. - Ways for the production of mineral fertilizers. p. 3.
Krasnitsnikov, N. A. - Microbiological disinfection of soils. p. 19.
Bazilevich, N. I., Domont'eva, T. G. - Consumption and return of ash elements and nitrogen in cotton-alfalfa crop rotations. p. 28.
Karliseva, L. N. - Effect of fertilizers on the nitrogen and phosphorus ratio in grain crops during vegetation p. 42.
Karpova, E. S. - Amounts of mineral fertilizers for fiber flax in turf-Podzolic soils of a low cultivation degree p. 52.
Bilokon, P. A., Logvinenko, O. A. - Soil fertility in the northwestern part of the Gornyy Altai. p. 50.
Trepachev, E. P., Atrashkova, N. A. - Effect of magnesium and calcium on lupine. p. 65.
Akhtyetaev, B. P. - Trace element content of gray forest soils in the Central Chornozem Belt. p. 72.
Cherniavskaya, N. A., Farenik, G. G., Goncharenko, D. F. - Role of zinc in plant nutrition. p. 81.
Khanin, M. D., Shchetinina, L. L., Kondratuk, A. S. - Effectiveness of superphosphate enriched with trace elements applied to sugar beets. p. 91.
Grinberg, I. P. - Effect of treating seeds with tartaric and succinic acids before sowing on the productivity, ripening, and chemical composition of silage sorgo. p. 94.
Makeeva-Gur'ianova, L. T., Chikanikov, D. I. - Behavior in plants phenylidimethylurea derivatives used as herbicides p. 103.
Mlidia, Kh. I. - Phlorizin as a factor decreasing fertility of soils in orchards p. 109.
Kotail, T. G. - Effect of plants on the electric conductivity of the lowerest atmospheric layer. p. 113.
Gel'man, E. M., and others. - New methods for studying the ion composition of nutrient solutions. p. 125.
Magnitskii, K. P. - Estimating the mineral nutrition of plants on the basis of their chemical composition p. 132.
Pospolov, I. A., Dobrinskaya, I. I. - The 9th Mendeleev Congress on General and Applied Chemistry. p. 149.
Resolution of the Section of Agricultural Chemistry of the 9th Mendeleev Congress on General and Applied Chemistry. p. 152.
Gel'man, A. I. A. - Chemistry and technology of fertilizers at the 9th Mendeleev Congress. p. 155.
- KHMIA V SEL'SKOM KHOZIAISTVE [CHEMISTRY IN AGRICULTURE].** Organ of Gosudarstvennyi komitet khimicheskoi promyshlennosti pri Sovplane SSR and Ministerstvo sel'skogo khozaiatva SSSR [State Committee for the Chemical Industry, Attached to the State Planning Committee of the U.S.S.R., and the Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 3, no. 8(22), Aug. 1965.
Table of contents translated:
Bagdasaryan, Z. G. - Fertilizers for vineyards in Georgia. p. 2.
- Pikeev, G. A. - Dynamics of nitrates in calcareous Chernozem soils due to the placement of nitrogen fertilizers. p. 9.
- Naumov, K. I., Zharinov, V. I. - Effect of individual trace element fertilizers on the yield of alfalfa and sainfoin seeds. p. 13.
- Khudjakova, T. A., Vostokov, V. M., Kreshkov, A. P. - Rapid chromoconductometric method for determining ammonia nitrogen and phosphates in aqueous solutions. p. 14.
- Lukashovich, A. I. - Chemical methods for suppressing soil infection by the agent of sunflower rot (Sclerotinia libellana). p. 22.
- Staret, V. A., Babii, V. S. - Effective method for controlling the codling moth *Carpocapsa pomonella*. p. 25.
- Petushova, N. I., Domanskii, V. N., Stekorov, V. P. - Use of chlorophylls and baileks in controlling cherry fruit fly. p. 29.
- Andreeva, E. I., Obolenskaya, L. B. - Results of testing pentachloronitrobenzene as a soil fungicide on cotton fields. p. 30.
- Medoka, G. V., Kondrat'eva, A. G. - Action of some organic and inorganic compounds on chlorotic apple leaves. p. 32.
- Khokhlov, G. A. - Polarographic method for determining dinitro-o-toluenesol and the products of its transformation in biological media. p. 35.
- Dorodina, T. R., and others. - Chemical wood control by alplane in rice fields. p. 37.
- Matveenko, G. A. - Weed control in sweet sorgo fields using herbicides of the triazine type. p. 43.
- Amantsev, E. A. - Use of simazine and atrazine in corn fields on irrigated lands in Kazakhstan. p. 45.
- Ugumov, L. P., and others. - Effect of biphenyl-arsenic acid on protein metabolism in Indian mustard. p. 48.
- Fukel'man, L. M. - Determining the dalapon content of soil and of the green bulk of plants. p. 50.
- Balda, T. A. - Determining the residual quantities of simazine and atrazine in the grain of corn and in the soil. p. 53.
- Petrushin, I. V. - Role of zinc in feeding young pigs. p. 56.
- Lofenok, M. I., Poduzhina, L. I. - Effect of feed oxytetracycline on egg production and the biological properties of duck eggs. p. 61.
- Verlich, O. A. - Effectiveness of sodium sulfate supplements in mixed silage types for swine. p. 64.
- Bellaev, V. S. - Economic effectiveness of mineral fertilizers. p. 69.
- Seloznev, M. P., Pavlova, G. S. - Effective method for the transportation of fertilizers. p. 72.
- Papov, P. V. - Calculating the amounts of mixtures of chemicals with complete additive and independent biological effect of the components. p. 73.
- KILIBOROB UKRAINY [THE FARMER OF THE UKRAINE].** Issued by Ministerstvo vyrobnytstva i zaboliv' sel'skohospodars'kykh produktiv URSR [Ministry of the Production and Procurement of Agricultural Products of the Ukrainian S.S.R.]. Kiev, no. 8, 1965.
- KOLKHOZNO-SOVKHOZNOE PROIZVODSTVO [COLLECTIVE AND STATE FARM PRODUCTION].** Issued by Ministerstvo sel'skogo khozaiatva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 0, 1965.
- KOLKHOZNO-SOVKHOZNOE PROIZVODSTVO AZERBAIDZHAN [COLLECTIVE AND STATE FARM PRODUCTION OF AZERBAIDZHAN].** Organ of Ministerstvo proizvodstva i zagolovok sel'skokhoziaistvennykh produktov Azerbaidzhanskoi SSR [Ministry for the Production and Procurement of Agricultural Products of the Azerbaijan S.S.R.]. Baku, nos. 7-8, July-Aug. 1965. [In Azerbaijani]
- KOLKHOZNO-SOVKHOZNOE PROIZVODSTVO MOLDAVII [COLLECTIVE AND STATE FARM PRODUCTION OF MOLDAVIA].** Issued by Ministerstvo sel'skogo khozaiatva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol. 10, no. 9, Sep. 1965.
- KRASNOYARSK. SEL'SKOKHOZIAISTVENNYI INSTITUT. Trudy [AGRICULTURAL INSTITUTE. Transactions].** Vol. 18, 1964.
- KREST'YANKA [THE PEASANT WOMAN].** Published by Izd-vo [Publishing House] "Pravda." Moscow, vol. 44, no. 10, Oct. 1965.
- KUTAIK. SEL'SKOKHOZIAISTVENNYI INSTITUT. Trudy [AGRICULTURAL INSTITUTE. Transactions].** Vols. 1-2, 1957-1958. (DNAL)
- LENDGRAD. SEVERO-ZAPADNYI NAUCHNO-ISSLEDOVATELSKI INSTITUT SEL'SKOGO KHOZIAISTVA. Nauchnye trudy [NORTHWESTERN SCIENTIFIC RESEARCH INSTITUTE OF AGRICULTURE. Studies].** No. 8, 1965.
- MEKHANIZATSIA I ELEKTRIFIKATSIA SOTSIALISTICHESKOGO SEL'SKOGO KHOZIAISTVA [MECHANIZATION AND ELECTRIFICATION OF SOCIALIST AGRICULTURE].** Issued by Ministerstvo sel'skogo khozaiatva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 23, no. 4, 1965.
Table of contents translated:
Solov'evich, A. G. - Effect of speed on the operational indices of tractor-drawn machinery units. p. 1.
Kononov, V. F. - Estimating the controllability of tractors and tractor-drawn machinery units. p. 5.
Doganovskii, M. G., Rladnykh, V. V. - Determining parameters for rotary spreading mechanisms. p. 8.
Plotnikov, V. E., Sysolin, P. V. - Basis for determining the parameters for the scraper of a fertilizer spreader. p. 11.
Ulitskii, E. I. A., Kolmakov, M. A. - Correlation method in studying noise and vibration of mechanisms. p. 13.
Klatie, L. M. - Physical stimulation of loading conditions in bench testing machinery. p. 16.
Kazantsev, V. I. - Optimal program for a specialized repair shop. p. 20.
Etemin, A. V. - Specialization and the problems of improving the technology of repair. p. 21.
Andrianov, V. M., and others. - Automation of ventilating installations on livestock farms. p. 24.
Vagin, P. I., Sychugov, N. A. - Logical controlling device in the battery section of a poultry plant. p. 28.
Ebin, L. E., Levin, M. S., Syrykh, N. N. - Establishing norms for the quality of voltage in rural electrical networks. p. 32.
Ol'shevskaya, V. T. - Determining rated loads for rural power distribution networks. p. 35.
TSirel', I. A. - Operational reliability indices of a 35 kv. overhead network. p. 38.
Godukhin, V. M., Vol'nikov, A. I., Golovysun, S. K. - Effect of the speed of a private planting machine on the operation of the planting apparatus. p. 42.
Pustynnikov, V. G., Dzhamella, V. V. - Frequency separation of information in the continuous control of grain moisture. p. 42.
Konstantinov, V. A. - Speed of cutting corn stems without combercutters. p. 44.
Sapunov, A. P. - Working part for the formation of a layer of cleaned grain. p. 46.
Semenin, I. U. A. - Studying the electric drive of the SOM-3-1000 cream separator. p. 47.
Kilishin, G. B. - Use of "scattered" induction heating in repairs. p. 48.
Aranyon, V. A., Bulashev, S. I., Ialpakchik, G. S. - Plastic pulleys for v-belt transmissions. p. 49.
Priborzhenskii, N. I., Komarov, L. I. - Contactless semiconductor apparatus. p. 51.
Kukla, G. M. - Apparatus for determining the specific weight of feeds. p. 54.
Ivanov, N. I. A. - Mechanization of kidney bean harvesting in the U.S.A. p. 56.
Budzko, I. A., Kulisev, G. P. - Rural electrification in Switzerland. p. 59.
- MEKHANIZATSIA SEL'SKOGO HOSPODARSTVA [MECHANIZATION OF AGRICULTURE].** Organ of Ukrain'ske ob'iednannia Rady Ministeriv URSR "Ukrain's'kospitekhnik" [Ukrainian Association "Ukrain's'kospitekhnik" of the Council of Ministers of the Ukrainian S.S.R.]. Kiev, vol. 16, no. 10(100), Oct. 1965.
- MOSCOW. INSTITUT INZHENEROV ZEMLEUSTROITVA. Trudy [INSTITUTE OF LAND UTILIZATION ENGINEERS. Transactions].** Nos. 24, 30, 1965.
- MOSCOW. MOSKOVSKAIA SEL'SKOKHOZIAISTVENNAIA AKADEMIIA IM. TIMIRIAZEVA. Izvestiia [TIMIRIAZEV AGRICULTURAL ACADEMY OF MOSCOW. Bulletin].** No. 2, 1965.
Table of contents translated:
Kolosev, S. G. - Urgent measures for the development of agriculture in the U.S.S.R. p. 3.
Kuvshinov, I. S. - Intensification of agriculture and the increase of labor productivity. p. 11.
Obukhovskii, V. M. - Dynamics of fixed assets on specialized state farms with various levels of production intensity. p. 28.
Sinev, A. K. - Green fallows as the most important possibility for increasing agricultural productivity. p. 40.
Andreev, N. G. - Methods for establishing and using cultivated pastures in the forest zone. p. 49.
Gritsenko, V. V. - Effectiveness of fertilizers and tillage as related to the biological characteristics of row crops. p. 59.
Gunar, I. I., Shukhin, A. M., Ozolina, I. A. - Ionic and structural changes in excited plant cells. p. 68.
Krasina, E. E. - Effect of the intensity of continuous light on the manifestation of endogenous components in daily rhythms of the absorption of water and ions of nutrient salts by sunflowers. p. 87.

- Noser, M. A., Petrov-Spiridonov, A. E. - Effect of K Ca, N-P, and S P ratios in the nutrient solution on the absorption and uptake of P₃₂ and S₃₅ by kidney bean organs. p. 98
- Muravin, E. A., Sobachkin, A. A., Tomasian, G. N. - Studying the nitrate reductase of higher plants. p. 102.
- Peterburgskii, A. V. - Use of Ca⁴⁵ and K⁴² for studying the uptake and distribution of calcium and potassium in plants. p. 116
- Vil'iams, V. V. - Separation and quantitative determination of fulvic acids of soils. p. 126.
- Kaurichev, I. S., Frolova, L. N. - Characteristics of soil formation in forests and cutovers in the subzone of the central taiga. p. 142.
- Dospekhov, B. A., Saimukhametova, A. A. - Studying soil particles below 0.01 mm by the methods of thermography and infrared spectroscopy. p. 158
- Fandeev, B. V., Burenina, E. P. - Composition of the milk of hybrid cows produced by crossbreeding and triple breeding. p. 165.
- Zherebtsov, P. I., Vraklin, V. F., Poltschuk, S. D. - Age-related characteristics of the participation of the digestive tract of calves in intermediate nitrogen metabolism. p. 173
- Rachinskii, V. V., Asanukunov, A. - Study of the dynamics of the transfer of salts in porous media. p. 186.
- Edel'shtein, V. I., and others. - Vegetable Experiment Station, the oldest experimental basis of scientific vegetable gardening. p. 192
- Kolesnikov, V. A. - Horticultural Experiment Station of the Timiriazev Agricultural Academy and its role in the development of Soviet fruit culture. p. 218 p. 218
- MOSCOW. VSESOUZNIY NAUCHNO-ISSEDOVATELSKIY INSTITUT GIDROTEKHNIKI I MELIORATSII. Nauchnye trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF HYDRAULIC ENGINEERING AND RECLAMATION. Studies]. Vol. 45, 1965.
- Table of contents translated:
- Nikolodyshev, I. S. - Construction of shallow wells with well digging units. p. 3.
- Sapozhnikov, N. G. - Hydraulic method of boring wells for agricultural water supply in sandy soils. p. 39.
- Silin, E. A. - Theoretical principles underlying the process of washing the surface layers of sand filters. p. 57.
- Iaroslavskii, Z. I. A. - Studying the operation of electrolytic coagulators of small productive capacity. p. 83.
- Silin, E. A., Iaroslavskii, Z. I. A. - Mobile water purification units and apparatus for provisional water supply. p. 132.
- Daiskyov, V. V. - Mechanization of the construction of wells and the pumping of water from them in the Virgin Territory of Kazakhstan. p. 133.
- Babenko, I. I. - Magnitude of the radius of a watering place for sheep and basic principles of the distribution of watering stations in pastures. p. 176.
- Karev, V. B. - Ways for increasing the effectiveness of agricultural water supply units. p. 188.
- OPYT SEL'SKOKHOZIAISTVENNOGO STROITEL'STVA ZA RUBEZHOM [PRACTICE IN FARM CONSTRUCTION ABROAD]. Issued by Vsesoiuznyi proektnyi nauchno-issledovatel'skii institut [All-Union Design Scientific Research Institute]. Moscow, no. 2, 1964. (DNAL)
- ORDZHONIKIDZE. SEVERO-OSETINSKIY SEL'SKOKHOZIAISTVENNYI INSTITUT. Sbornik rabot molodykh uchennykh [NORTH OSETIAN AGRICULTURAL INSTITUTE Papers by Young Scientists]. No. 1, 1964. (DNAL)
- *POCHVOVEDENIE [SOIL SCIENCE]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Aug. 1964.
- Table of contents translated
- Rozhnova, T. A. - Provincial characteristics of the Podzol formation on sandy rocks. p. 1.
- Ulitseva, K. A. - Soils in the continental forest steppe of southern Siberia. p. 8.
- Varfolomeev, L. A. - Soil formation on cutover areas of spruce forests in the northern part of the central taiga subzone. p. 15.
- Targul'man, V. O. - Movement of suspensions in mountain tundra and mountain taiga soils on massive crystalline rocks. p. 25.
- Pope, A. A., Varlamov, N. E., Kononov, N. N. - Complexes of floodland meadow dark-colored packed soils in the Volga-Akhkuba Floodplain. p. 36.
- Obryadov, G., Melanov, A., Aksenova, I. - Accumulation of salt in mineralized ground waters and salinized soils in the floodland soils of the lower Danube basin. p. 44.
- Burykin, A. M. - Soil erosion in humid and dry subtropics of the U.S.S.R. p. 83.
- Chakvetadze, E. A. - Some data on the study of the cloddiness of sandy-foam Chestnut soils subject to wind erosion. p. 75.
- Kunkin, K. A., Golovanov, A. I. - Problems of erosion in plowed bottomland areas during the flood. p. 81.
- Tiutikanova, E. B., and others. - Distribution of siltum-80 in surface horizons of soils as related to the type and landscape. p. 88.
- Vorob'eva, L. A., Kivitskaya, E. V. - Comparative evaluation of methods for determining the mobile phosphorus in Chernozems in connection with its availability to plants. p. 98.
- Suprychev, V. A. - E. I. Patonov's and E. A. Iakhlova's "Mineralogical studies in soil science." p. 103.
- Razvoznova, N. A., Targul'man, V. O. - In the Scientific Council on the Theoretical Problems of Soil Science. p. 106.
- Bibliography. p. 115.
- REFERATIVNIYI ZHURNAL. POCHVOVEDENIE. UDOPRENIYE. MELIORATSIIA (Otdel'nyi vypusk 57) [JOURNAL OF ABSTRACTS SOIL SCIENCE. FERTILIZERS. RECLAMATION (Separate Issue 57)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 18, Sep. 1965.
- SEL'SKII MEKHANIZATOR [THE RURAL MECHANIC]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 9, Sep. 1965.
- SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol. 15, no. 10, Oct. 1965.
- SEL'SKOE KHOZIAISTVO KIRGHIZII [AGRICULTURE OF KIRGHIZIA]. Issued by Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S.S.R.]. Frunze, vol. 11, no. 9, Sep. 1965.
- SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Tadjikicheskoi SSR [Ministry of Agriculture of the Tajik S.S.R.]. Dushanbe, vol. 10, no. 10, Oct. 1965.
- SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO POVOLZH'IA [AGRICULTURAL PRODUCTION OF THE VOLGA VALLEY]. Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Saratov, vol. 3, no. 9, Sep. 1965.
- SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO SIBIRI I DAL'NEGO VOSTOKA [AGRICULTURAL PRODUCTION OF SIBERIA AND THE FAR EAST]. Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Omsk, no. 9, Sep. 1965.
- SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO URALA [AGRICULTURAL PRODUCTION OF THE URALS]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Sverdlovsk, vol. 3, no. 9, Sep. 1965.
- SOTSIALIST'LIK POLUMAJANDUS [SOCIALIST AGRICULTURE]. Issued by Eesti NSV Polumajanduse Ministerium [Ministry of Agriculture of the Estonian S.S.R.]. Tallinn, vol. 20, no. 18, Sep. 1965. [In Estonian]
- TEKHNIKA V SEL'SKOM KHOZIAISTVE [MACHINERY IN AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 25, no. 8, Aug. 1965.
- Table of contents translated.
- Nasypanko, I. - Improve engineering services in rural areas. p. 1.
- Makarov, V. - Improve the training of engineers specializing in farm mechanization. p. 4.
- Sakovisev, V. - Young specialists make their contribution. p. 8.
- Krasavin, M. - Set of machines for flax growing. p. 9.
- Elagin, I. - Mechanized harvesting of buckwheat. p. 13.
- Pavlov, V., Porelygin, N. - Harvesting corn grown in irrigated fields. p. 17.
- Giaz'ev, N., Zhukova, A. - Grain combines used in castor bean harvesting. p. 19.
- Zhulid, V. - The SZPB-2, 0 grain dryer used for drying castor beans. p. 22.
- Rogochik, I. - Mechanized harvesting of mint and sage. p. 24.
- Pozhar'skii, B., Kovalenko, G. - A farm section for fattening cattle. p. 30.
- Mkrtumian, V., Potukhov, N., Komarov, V. - Semiautomatic milking system. p. 33.
- Leskov, I. U. - The livestock-raising machine station in Chernyye Zemli. p. 35.
- Klipchikov, E., Zabava, V. - Recent developments in the technology of drainage. p. 39
- Burdin, A., Pakhmutin, V. - Blade-type trencher. p. 46.
- Kovalenko, A. - Repairing parts of a cultivator. p. 47.
- Kraus, P., Rasstignin, V. - Automatic control of grain drying furnaces. p. 48
- Likov, I. U. - Improvement of the "Nedra-P" radio station. p. 61
- Konstantinovskii, M., Krasnoshchek, V., Fylyashov, N. - Modernization of the KS-3 sugar beet combine. p. 53
- Grahovskii, N. - Multipurpose seed cleaning machine. p. 57.
- Kononov, V., and others. - Operation of wheeled tractors. p. 59.
- Lovchik, V. - Detecting failures in the hydraulic system without the use of instruments. p. 61.
- Nedovosov, V. - Use of high-speed reapers on the "Kagal'nitskii" State Farm. p. 62.
- Dolobeeva, N. - Work norms in transportation operations. p. 64.
- Naldenov, V. - Increase the reliability of grain bucket conveyors. p. 67
- Goncharov, G. - Operating the ZhK-2, 1A hump cutter. p. 69.
- Popov, N. - Planning the repair of machinery and the repair reductions. p. 72.
- Lugin, A., Razumov, M. - Testing the engine brakes of combines. p. 74.
- Amba, A., Gulman, L. - Repairing the tracks of a crawler tractor track. p. 75.
- Kopial, L. - Repairing threads by knurling. p. 79.
- Koganov, A., Kononenko, A. - Grain harvesting machinery in the southeast. p. 80.
- Kucherin, P. - Mechanization of grain harvesting on experimental plots. p. 81
- Morin, I. - Calculations for augers. p. 83.
- Alvostan, G., Poz, Z. - An experiment that deserves attention. p. 84
- Stryk, V. - Attachment to the PP-5-35 plow. p. 85
- Mezner, V. - Loader of mineral fertilizers. p. 85
- Pavlov, V. - Machine for external washing of tractors. p. 86.
- Gishchenko, F., Valcev, A. - Centrifugal fertilizer spreader. p. 87.
- Makarov, S., Kostin, I. U. - Improve the design of the front axle of the MTZ-50 tractor. p. 88
- Baranov, N. - Eliminate shortcomings of the design. p. 89
- Kocherygin, I. U. - Loading hay and straw bales. p. 90
- Vol. 25, no. 9, Sep. 1965
- Table of contents translated.
- Kul'man, A. - Engineers should have a good training in chemistry. p. 1
- Frolov, D. - What hampers the productive work of engineers on state farms. p. 5.
- Dulanovich, G. - Mechanized threshing floor. p. 8
- Valueva, T., Valueva, V., Tiltova, K. - Effectiveness of potato harvesting by stages. p. 11.
- Bublik, N., and others. - Sugar beet harvesting by E. N. Parubok's team. p. 12.
- Volodin, V. - Harvesting sugar beet tops. p. 13.
- Fomichev, A., Iakimenko, G. - Machine harvesting of sugar beet seed plants. p. 15.
- Volov, P. - Overall mechanization for meadows and pastures. p. 18.
- Moskalenko, V. - Use of the SKPR-4 combine for coriander harvesting. p. 19.
- Trubnikov, E., Usayev, I. - Mechanization has reached the farm. p. 22.
- Dantlov, R., Gusa, I. - Heat and cold on dairy farms. p. 25.
- Kuzin, S. - Automatic disconnection of the test cups. p. 27.
- Trofimov, V., Botekhov, I., Sergeev, S. - Apparatus for determining the milk yield of each quarter of the udder. p. 30.
- Grishin, V. - New shearing units. p. 32.
- Bedush, V. - Transformer with "star-rigzag" windings. p. 36.
- Kudrinskoy, I., Shkilar, O. - Automation of a twoless electric pumping station. p. 37.
- Krantovskii, G. - Tank for cooling milk. p. 40.
- Mansurov, I. U. - Cotton pickup. p. 43
- Sidorenko, V. - Multipurpose sweep rake. p. 45.
- Roi, A. - Threshing machine for castor beans. p. 47
- Nozachenko, V. - Determining average-efficient output norms for tractor work. p. 49
- Trunov, A. - New indications for changing oil in diesel engines. p. 52.
- Nikitin, I., Bratolko, P. - Automatic opening of a tail gate. p. 54.
- Nassonov, V., Svislov, L., Norin, V. - Mounting a two-sectional pump on the GAZ-51 engine. p. 56.
- Muzychuk, M. - Organization of a replacement section. p. 58.
- Ena, A. - Exchange stations in the Virgin Territory. p. 60.
- Solon'ko, P. - Improvement of specialized workshops. p. 63.
- Shevelukha, V. - Expenditure of spare parts. p. 66

- Kozlov, V., Kotlikov, N. - Adjusting the disconnecting mechanism of starting devices. p. 68.
- Belovitch, P. - A promising potato digger. p. 71.
- Filatov, V., Bugonjakikh, V. - Air dryer and heater for drying grain. p. 72.
- Savkin, V. - Harvesting sugar beets by stages. p. 74.
- Gol'denbeig, A. - Cleaning an electrode wire. p. 77.
- Ianskene, I. - Measuring gaps of bearings. p. 77.
- Min'ko, I. - The NSh-16 pumps for loaders. p. 78.
- Bakaidin, A., Saparkin, E. - Boiling wheel hubs. p. 79.
- Karlo, P. - Repairing the shaft of a speedometer. p. 79.
- Orzhogin, K. - Adjusting valves of hydraulic equipment. p. 80.
- Letovtsov, N. - Observations and proposals by a collective farm engineer. p. 81.
- Levkov, L. - New symbols for electric networks. p. 82.
- Saenko, B. - Machines for the removal of stones from fields. p. 89.
- UZBEKISTON KISHLOK KHUZHALIGI [AGRICULTURE OF UZBEKISTAN].** Organ of Ministerstvo sel'skogo khoz'yaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S.S.R.]. Tashkent, no. 8, Aug. 1965. [In Uzbek]
- VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE].** Issued by Ministerstvo sel'skogo khoz'yaistva Kazakhskoi SSR [Ministry of Agriculture of the Kazakh S.S.R.]. Alma-Ata, vol. 8, no. 8, Aug. 1965.
- Table of contents translated:
- Vasil'ev, I. E., Iagutkin, M. A. - Studying the fertility factors by methods of mathematical statistics in testing the methodology of land valuation. p. 3.
- Klimakhina, N. A., Terchilenko, N. B. - Content of the free forms of trace elements in soils of Karabulak District, Aktubinsk Province. p. 13.
- Manonov, L. K., Zyklin, V. A. - Some problems of the development of spring wheat in the Virgin Territory. p. 18.
- Amantayev, E. A., Azhigoev, I. U. P. - Mixed sowing of corn and soybean on green fallows. p. 20.
- Sabirova, L. T. - Dynamics of ammonium nitrogen in light-colored chestnut soils as related to the irrigation and fertilization of corn. p. 35.
- Zhakipova, A. - Effect of 2,4-D herbicide on the growth and development of corn. p. 39.
- Giazkov, P. N. - Testing herbicides for the extermination of dodder in sugar beet fields. p. 43.
- Emekov, M. A., Skolobogov, I. U. A. - Some physiological characteristics of Chu dual purpose fine-wool ewes. p. 48.
- Ten, V. - Breeding fat-tailed sheep for large lambs. p. 52.
- Seldzhanov, E. M. - Age-related changes in the live weight and body composition of Kazakh Argali-Merino sheep. p. 55.
- Matvienko, B. A., Valeeva, F. K. - Biological properties of the vaccine strain of Salmonella choleraesuis TS-177. p. 60.
- Tychina, L. F. - Role of the urease activity of Brucella in determining their specific identification. p. 64.
- Malishevskaya, A. S., Grudina, L. M. - Increasing the effectiveness of sheep dipping. p. 67.
- Gorjaev, M. I., Selkov, Z. S. - Production of kumiss from dry "saunal" p. 71.
- Abishev, T. K. - System of engineering and economic indices for the evaluation of the effectiveness of irrigation measures. p. 74.
- Zelepukhin, I. D. - Seasonal dynamics of the ash elements and water balance of chlorotic apple trees in central Kazakhstan. p. 82.
- Kaplan, R. M. - Economic foundations of mechanized water-supply units for seasonal pastures consisting of tank tractor trucks and high-capacity water sources. p. 87.
- Gorbalotov, I. U. I., Penkin, M. G. - Effect of the design characteristics of the concave of a threshing machine on the quality of pea threshing. p. 96.
- Doboborodova, G. G. - Thermal conditions and post-harvest crops in the southern part of Kazakhstan. p. 102.
- Topolovskii, V. A., Perunskii, I. U. V. - Physiological heterogeneity of the uredosporous of stem rust. p. 110.
- Nugmatzhanov, K. G. - Secretion of some amino acids by the abomasum glands of sheep in ontogeny. p. 112.
- TSukerman, G. M. - Chemical weed control in sugar beet fields. p. 117.
- Saf'yanov, S. P. - Specialized habits of feeding in the potato stem nematode. p. 121.
- (DNAL)
- Vasil'ev, V. N. - Change in the quality of sugar beets due to the use of boron and manganese fertilizers. p. 7.
- Gnedilova, L. P. - Nutritive conditions of meadow-Sierozem soils for corn in Alma-Ata Province. p. 12.
- Dimbetov, K. D., Nurimov, D. - Secondary (post-harvest and stubble) sowing of forage crops in Kyzyl-Ord Province. p. 19.
- Shkurenko, S. V. - Cytochemical bases of the sterility of wheat-rye hybrids. p. 22.
- Aisen'ov, D. D. - Intensive fattening of crossbred lambs in the Virgin Territory. p. 27.
- Kenesaev, T. A. - Dynamics of some enzymes and vitamins during the treatment of bronchopneumonia in sheep with antibiotics. p. 30.
- Makbarov, Zh., Amambayev, A., Sh. M. - Use of hormonal serum for Kazakhstan argali Merino sheep. p. 37.
- Shakhmatov, M. M., and others. - Atypical form of the course of encephalomyelitis in horses on the farms of Karaganda Province. p. 43.
- Larin, S. A. - Peritonitis of ducks. Report No. 1. p. 50.
- Bocharov, A. P. - Apparatus for studying the processes of wind erosion of soils. Report No. 2. p. 55.
- Libetov, V. G. - Work of a double barrel displacement pump in unstable operating conditions. p. 63.
- Alekseev, V. I., Gershunov, E. V., Popykin, A. P. - Maps for irrigation purposes, their content and methods for compiling them. p. 69.
- Nikitenko, T. P. - Use of the most valuable forms of Nedzvet'skii's apple in breeding work. p. 77.
- TSorukh, P. N. - Use of earlams in animal husbandry. p. 81.
- Dukavets, G. M. - Dynamics of the nutrition of pike perch in the basin of the Talas River. p. 85.
- Savitskaya, G. I. - Ways for using ladybird beetles in controlling plant lice in the fruit zone of Alma-Ata Province. p. 89.
- Kosolapova, G. I. A., Novikova, T. M. - Fauna of the nests of the forest dormouse Dymnys nitedula in the southeast of Kazakhstan. p. 93.
- Kim, G. G., and others. - Trace elements content of the environment as related to the enzootic goller in some areas of southern Kazakhstan. p. 97.
- Nurgaliev, O. - Studying local wild grasses in the south of Say-Akai. p. 101.
- Moldakmetov, M. - Postharvest planting of corn on irrigated fields in the southeastern part of Alma-Ata Province. p. 102.
- Egorov, V. P., Uskova, L. P. - Organization of the continuous line method for the agrochemical analysis of Sierozem in southern Kazakhstan. p. 105.
- Blakhtina, L. P. - Use of industrial chlorophylls in the control of granary pests. p. 109.
- Saf'yanov, S. P. - Biochemical changes in potato tubers infected with the stem nematode. p. 112.
- Eliseev, K. M., Shalykov, S. Sh. - Effectiveness of measures for the control of scabies. p. 114.
- Ryzhova, K. V., TSylindov, A. Z. - Plant breeder and biologist. p. 116.
- (DNAL)
- VISNYI SIL'SKOHOSPODARSKOI NAUKY [REVIEW OF AGRICULTURAL SCIENCE].** Issued by Ministerstvo sil'skogo hospodarstva Ukrain'skoi SSR [Ministry of Agricultural Sciences of the Ukrainian S.S.R.]. Kiev, vol. 8, no. 9, Sep. 1965.
- VOPROSY SEL'SKOKHOZIAISTVENNOI MEKHANIKI [PROBLEMS IN AGRICULTURAL MECHANICS].** Issued by TSentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i elektrifikatsii sel'skogo khoz'yaistva necheskonoimnoi zony SSSR [Central Scientific Research Institute for the Mechanization and Electrification of Agriculture of the Non-Chernozem Zone of the U.S.S.R.]. Minsk, vol. 15, 1965.
- VSESOUZNAIA AKADEMIYA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V. I. LENINA, Doklady [LENIN ALL-UNION ACADEMY OF AGRICULTURAL SCIENCES, Reports].** Moscow, no. 5, May 1965.
- Table of contents translated:
- Musiko, A. S., Kituchko, P. F., Sivolap, I. U. M. - Transmission of fertility restoring factors to corn by means of grafting. p. 1.
- Shitayn, S. S. - Quality of the grain of spring wheat in the Virgin Territory as related to the time of sowing. p. 4.
- Elstov, M. P. - Mixed sowing of annual forage crops. p. 8.
- Rabinina, M. I. - Effect of the self-pollination of corn with the addition of foreign pollen on the germination of pollen, and the development of the embryo and endosperm. p. 11.
- Elagin, I. N. - Effect of the preparation of seed for sowing on the yield of buckwheat. p. 16.
- Chesnokhina, O. A. - Time for the plowing under of winter crops as green manure in orchards. p. 17.
- Savin, V. N., Shatov, A. A. - Effect of gamma rays on the growth and accumulation of dry matter in a perilla plant. p. 19.
- Jaagus, V. - Storage conditions of the onion set as a decisive factor in the production of large seed crops. p. 22.
- Petrulis, I., Norkus, A. - Productivity of the individual mammary glands in Red Lithuanian cows. p. 25.
- Kasumov, F. M. - Effect of some antibacterial substances on the microflora, viability, and fertilizing properties of head bull semen. p. 29.
- Mellikov, F. A., Kalashnikov, Sh. A. - Effectiveness of feeding for meat crosses of local forest-mountain breeds in the Azerbaijan S.S.R. p. 32.
- Pollaniseva, N. A. - Effect of ultrasonic vibrations on the sexual glands in swine. p. 34.
- Dekheiman, B. E. - Effect of the ultraviolet radiation on the morphology and ultrastructure of the agents of gas infections. p. 37.
- Saitov, D. - Effect of temperature conditions on the process of soil desalinization. p. 42.
- Kadzhiev, T. M. - Resistance of soil to digging by a leveller bucket. p. 45.
- No. 7, July 1965
- Table of contents translated:
- Vlasuk, P. A., Grodzinski, D. M., Manovik, A. V. - Use of radioactive isotopes in the physiological studies of plants. p. 1.
- Garkaviy, P. F., Nomoniashechala, I. A. - Frost resistance of growing winter barley as related to the plastic development of the plants. p. 6.
- Zaikovskaya, N. E., Bolous, V. E. - Characteristics of the development of the embryo sac in monospermous tetraploid sugar beets. p. 11.
- Khlikova, O. G. - Effect of the treatment of tubers with growth stimulators on the yield of potatoes. p. 15.
- Shulyagin, A. F., Bolko, F. E. - Supplements to the agrobiological classification of cultivated rye varieties in the U.S.S.R. p. 17.
- Kudravytsev, A. A., and others. - Biological role of selenium and its distribution in the organs and tissues of animals. p. 20.
- Gorokhov, L. N., Trofimov, I. U. N. - Action of internal and external factors on the oxytocin reflex in cows. p. 24.
- Honnede, Jayant, - Effect of the addition of catalase to the diluent and short-duration oxygenation on the survival of semen, fertilization, and viability of offspring. p. 26.
- Mikhailov, P. N., Kondrakhina, K. N., Smutina, V. A. - Indices of protein and its fractions in the blood of a brood sow. p. 30.
- Pritulin, P. I., Zaldenberg, I. A. P. - Effect of ionizing radiation on the preventive properties of the blood serum of hyperimmune animals. p. 33.
- Maiushina, P. A. - Watering of soil by controlled ground water in the Volga-Akhkuba Floodplain. p. 37.
- Alibayev, D. V. - Elements of the theory of a pneumatic wind-driven displacement water-well pump. p. 41.
- Akulinin, V. S. - Calculating the power of the drive for bucket chains. p. 45.
- No. 8, Aug. 1965.
- Table of contents translated:
- Tregubenko, M. A., Filippov, G. L. - Moisture conditions and the productivity of corn as related to mineral nutrition. p. 1.
- Rubinchikova, T. I. - Effect of aluminum and methods of its placement on the yield of "Viner" barley under conditions of moisture deficiency. p. 6.
- Ozlova, K. B. - Use of the cytoplasmic male sterility of onions for the production of hybrid seeds in the northern part of the Volga-Akhkuba Floodplain. p. 8.
- Kononkov, P. F., Rabunets, N. A. - Intervallal hybridization in radish breeding. p. 10.
- Andreev, S. V. - Possibility of the use of electrostatic accelerators of charged particles for the sterilization of granary pests. p. 12.
- Stepanov, L. N., Stepanova, V. M. - Losses of soil moisture through evaporation and ways for its reduction. p. 15.
- Sardzhveladze, G. P. - Importance of breeding in improving the quality of tea. p. 16.
- Shneider, I. U. I., Gerasimova, T. P. - Survival of the pathogens of wire stem in potato tubers. p. 22.
- Kniga, M. I. - Optimal calcium and phosphorus ratio in silage root crop rations for dairy cows. p. 27.
- Aliev, Ch. I. - Postembryonic development of the reproduction organs and the histology of the testicles of Azerbaijan mountain Merino rams. p. 31.
- Sidorov, M. I. - Variability of microorganisms under the effect of ultrasonic waves. p. 33.
- Bobyleva, E. A. - Use of more improved methods for studying the differentiations between tuberculous and tuberculous lesions of lymph nodes in swine. p. 37.
- Shumakov, B. A., Grigorov, M. S. - Studying sub-irrigation. p. 41.
- Voltuk, D. G. - Use of airflow for transporting chemical poison droplets. p. 43.

b ANIMAL INDUSTRY

ASTRAKHAN, KASPIISKII NAUCHNO-ISSEDOVATEL'SKII INSTITUT MORSKOGO RYBNOGO KHOZIAISTVA I OKEANOGRAFII, Tudy [CASPIAN SCIENTIFIC RESEARCH INSTITUTE OF MARINE FISHERIES AND OCEANOGRAPHY, Transactions], Moscow, vol. 20, 1965.

Table of contents translated

- Barsukova, L.A. - Biogenic streamflow of the Volga River during first years after its regulation at Volgograd. p.5
- Vinetskaya, N.I. - Primary production of the northern Caspian Sea. p.21
- Osadchikh, V.F. - Mollusk *Synedonys ovata* (Philippi) in the northern Caspian Sea. p.35
- Kazanchev, E.N. - Population of Gobidae in the northern Caspian Sea. p.47
- Kazanchev, E.N. - Distribution of sturgeons in the fishing zone of the northern Caspian Sea as related to the prohibition of their fishing at sea. p.53
- Kazanchev, E.N. - Volga shad, the hybrid form of the Caspian migratory herring [*Alosa kessleri kessleri* (Grimm) *Alosa kessleri volgensis* (Berg)] p.81
- Krasnova, K.V. - Reproduction of the Caspian shad *Alosa caspia caspia* (Elchw.). p.67
- Beliaeva, V.N., Vasil'chenko, O.N. - Maturation of the reproductive bodies in shad *Alosa kessleri kessleri* (Grimm) after the construction of the Volgograd Dam. p.81
- Beliaeva, V.N., Matveeva, R.P. - Feeding habits of young sturgeons in the Volga Delta and northern Caspian Sea. p.85
- Mil'shtein, V.V. - Tagging young bream by radioactive phosphorus. p.93
- Astakhova, T.V. - Control measures against *Dactylogyrus* infestation of young wild carp (*Cyprinus carpio* Linne) in fish spawning and rearing farms of the Volga Delta. p.107
- Zubkova, L.A. - Bacterial flora in the organs and tissues of wild carp (*Cyprinus carpio* Linne). p.117
- Malyshova, G.I. - Morphological composition and some properties of the blood of pike perch (*Lucioperca lucioperca* Linne) during its living in the river. p.123
- Tarverdieva, M.I. - Feeding habits of sturgeon in the Caspian Sea after the regulation of the Volga River, based on materials of the spring of 1962. p.131

MOSCOW, VSESOIUZNIY NAUCHNO-ISSEDOVATEL'SKII INSTITUT ZHIVOTNOVOODSTVA, Tudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF ANIMAL HUSBANDRY, Transactions], Vol. 27, 1965, Feeding and the technology of feeds.

Table of contents translated

- Vsiatikh, A.S. - State and tasks of scientific studies on biological problems in animal husbandry. p.3
- Tomme, M.F., Martynenko, R.V. - Protein norms for breeding bulls. p.30
- Demchenko, P.V., Pechukova, V.B. - Utilization of rations with various contents of corn silage and sugar beets by cows. p.38
- Benediktov, A.M., and others. - Raising dairy cows with various types of feeding. p.44
- Pit'syn, V.G., and others. - Effect of rations saturated with silage on the quality of cow's milk. p.54
- Pit'syn, V.G., Shkunkova, Iu.S., Petrashevich, G.Kh. - Effect of trace elements on the increase of the yield of dairy cows in White Russia. p.59
- Mochanov, A.V., Shul'ga, V.A. - Effect of sugar beets in the rations of ruminants on the assimilation of the nitrogen of urea. p.64
- Kleimenov, N.I. - Characteristics of digestion and metabolism in young cattle fed various quantities of sugar beets. p.68
- Shul'ga, V.A., and others. - Effect of various quantities of sugar beets on the utilization of nutrients in cattle and poultry. p.133
- Shul'ga, V.A., Tkachenko, N.I., Tkachenko, N.I. - Characteristics of digestion and metabolism in young cattle fed various quantities of sugar beets. p.68

- Dorodenko, N.P. - Amino acid composition of feeds. p.159
- Shanggina, N.G. - Studying the amino acid composition silage. p.169
- Laguta, A.F. - Curled mallow as a valuable forage crop. p.173
- Denisov, N.I., and others. - Artificially dried grass meal in mixed feeds for cattle. p.181
- Egorova, L.N., Kabozov, S.M., Treshcheva, V.I. - Food value of fish meal as related to the fat content and the use of antioxidants. p.213
- Kabozov, S.M., Antonov, A.A. - Effectiveness of mixed feed supplements in rations of growing fattening swine. p.237
- Venediktov, A.M. - Protein-mineral-vitamin supplements for highly productive cows. p.251
- Tomme, M.F., Martynenko, R.V., Tulin, V.T. - Protein-mineral-vitamin mixtures for bull feeding. p.261
- Shanggina, N.G. - Determining the amino acid composition of feeds by paper chromatography. p.267
- Golobov, A.D., Vakhrameeva, N.A. - Photometric determination of cobalt in feeds and other biological materials by the use of nitrosonaphthols. p.274
- (DNAL)

OKHOTA I OKHOTNICH'E KHOZIAISTVO [HUNTING AND GAME MANAGEMENT] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 11, no. 10, 1965.

PCHELOVOODSTVO [APICULTURE], Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 42, nos. 7-10, July-Oct. 1965 (DNAL)

REFERATIVNIYI ZHURNAL: ZHIVOTNOVOODSTVO, VETERINARIYA (Oldeniyi vypusk 58) [JOURNAL OF ABSTRACTS: ANIMAL HUSBANDRY, VETERINARY MEDICINE (Separate Issue 58)], Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 18, Sep. 1965.

RYBNOE KHOZIAISTVO [FISHERIES], Organ of Gosudarstvennyi komitet po rybnomu khoziaistvu pri SNKh SSSR [State Committee for Fisheries, Attached to the Economic Council of the U.S.S.R.], Moscow, vol. 41, no. 7, 1965.

Table of contents translated

- New frontiers in the development of the fishing industry. p.1
- Meeting Fisherman Day. p.4
- More attention to pond fish culture. p.5
- Kheyslik, G.K., and others. - Background forecast of hydrological conditions and the abundance of main commercial fishes of the North Atlantic, North European seas and southern seas of the Soviet Union for 1965-1966. p.7
- Rikhter, R.A. - Some problems of *Sebastes mentella* Tassin fisheries near Newfoundland. p.11
- Polonskii, A.S. - Saurer in the Eastern Atlantic and its fisheries. p.13
- Bliznikov, N.P., Shirokova, M.I.A. - Baltic Sea cod tagging. p.16
- Belyi, N.D. - Fish spawning in open and deep sections of Kakhovka Reservoir. p.19
- Petrovko, I.N. - Some biochemical indices for evaluating young sturgeon. p.21
- Bychkov, V.A. - Molting of male seals on the Tyuleniy Island. p.23
- Timofeev, G.F. - Study of saithe and tuna fish sound. p.25
- Arakel'yan, G.V. - Type of fishing boat to be used in fishery expeditions. p.29
- Elagin, V.V. - S.I. Logachev's article as a matter for discussion. p.33
- Iogalev, B.M., Trofimenko, B.E. - Bench testings of a hygroscopic evaporator. p.35
- Kudikin, M.T. - Expansion and improvement in ship repairing. p.38
- Turchin, P.G. - Murmansk Shipyards. p.40
- Bloshina, V.V., Matrosov, I.R. - New hydrodynamic coefficients of spread trawl boards and methods of their use. p.42
- Girenko, V.N. - Mechanization of purse seine hauling. p.45
- Gudoshnikov, Iu.A., Kryukhin, M.L. - Pacific lamprey fisheries in the Amur River. p.47
- Sechin, Iu.T. - New design of a fish trap. p.49
- Anishchenko, P.T. - Pair-trawling with electric equipment for catching crucian carp and pike. p.52
- Novozhilov, E.P. - Winter control fishing with stake nets and fish traps. p.54
- Larionov, V.V. - Glass pipettes for fish processing plants. p.57
- Borisochkina, L.I., Dubrovskaya, T.A. - Technological and chemical characteristics of some Indian Ocean fishes. p.60
- Bukhrakova, L.K. - Chemical composition of Laminariales off the southwestern coast of Sakhalin. p.62

- Karpov, V.I. - Method of increasing operational safety of a vibratory packer. p.65
- Moskalenko, N.F., Konukhov, V.M. - Expediency in evaluating the net weight of cans according to the netto weight of canned fish. p.68
- Alekseev, V.F., and others. - Device for determining mechanical strength of fish eggs. p.70
- Skachkov, V.P., Rozanova, L.K. - Introduction of unified containers as an important means of production. p.71
- Avdeev, Iu.A., Nikolaeva, A.P. - Systems of network planning and management in developing complex objects. p.73
- Matlova, S.A., Vagner, A.A. - Basic methods of analyzing operations of the fishing fleet. p.75
- Zaitsev, V.I. - Methods of comparing expenditures for raw fish in state and collective fish fisheries. p.79
- Baron, M.A. - An important problem, but a wrong solution. p.81
- Virtsev, V.S. - Planning the number of auxiliary workers in the fishing industry. p.83
- Bulkin, L.S. - More profitable production from sprat. p.85
- Saburenkov, N.M. - Some results of the Scientific Technical Conference of the Member States of the Mutual Economic Assistance Council in the field of sea and ocean fisheries. p.90
- Dialuk, V. - Results of the Public Inspection of the Fulfillment of Plans for the Introduction of New Technology in fishery enterprises of Estonia. p.93
- Denisov, L.I. - Maps on the distribution of fishes in the inland bodies of water used in fisheries. p.94

RYBOVOODSTVO I RYBDOLOVSTVO [PISCICULTURE AND FISHING], Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 48, no. 5, Sep.-Oct. 1965.

VETERINARIYA [VETERINARY MEDICINE], Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 41, no. 12, Dec. 1961.

Table of contents translated

- Burlachenko, V.Z. - Severe poor wintering for livestock. p.1
- Nikol'skii, V.S. - Work practices in a veterinary laboratory. p.4
- Borisov, A. - Man is as good as his work. p.7
- Fed'ko, S.I. - Popularize veterinary science in the press more actively. p.8
- Badanin, N.V. - Development of veterinary medicine in Uzbekistan. p.11
- Lykovskii, A.F., Belyev, P.M., Prokharova, E.M. - Electron microscopic study of the virus of Aujeszky's disease. p.13
- Prudentov, N.A., Sirotaeva, M.G. - Differentiation of the *Brucella abortus* vaccine strain No. 10 from epizootic strains. p.16
- Volkova, A.A., Galiev, R.S. - Sources of necrobacillosis. p.17
- Rasulev, Sh.T., Berdnik, O.A. - Diagnosis of ringworm. p.20
- Radbil', O.S., Kalinin, A.P. - Antibacterial action of royal jelly. p.22
- Rassomakhin, P.D. - Diagnosis of a latent course of brucellosis in cattle. p.25
- Rotov, I.V. - Immunological state of animals with brucellosis in vaccinated herds. p.27
- Dolzhenko, V.F. - How we eliminated brucellosis in cattle. p.29
- Golosov, I.M., Klimontov, M.I., Zaborodin, V.A. - Results of testing brucellosis vaccine from strain No. 10 on reindeer. p.29
- Noskov, A.I. - Measures for controlling ringworm. p.32
- Prokopov, I.P. - Some data on the observation of Aujeszky's disease in swine. p.35
- Shubin, V.A. - Comparative diagnosis of Mycoplasma infection and vitamin A deficiency. p.36
- Mikhailuk, A.P. - Prophylaxis of onchocerciasis in cattle. p.38
- Romanovskii, A.D. - Developmental cycle of *Polymorphus minutus*. p.40
- Vasil'kov, G.V., Kamenaki, I.V., Bialukova, I.P. - Epizootic state of some bodies of water and reservoirs in Moscow Province. p.41
- Magda, I.I., Voronin, I.I., But, I.F. - Use of synthetic materials in veterinary surgery. p.43
- Pollantsev, N.I., Pollantseva, N.A. - Artificially controlled sterilization of young pigs by ultrasonic waves. p.47
- Sokolov, N.P. - Organization of work for ovarioectomy in young swine. p.49
- Feklistov, M.N. - Chloral hydrate-glucose therapy in carbamide poisoning of cattle. p.51
- Shpilov, V.S., Notoza, Iu.I. - Evaluating the methods for the artificial insemination of cows. p.53
- Abilazov, P.I. - Prophylaxis of sterility in cows in winter. p.57
- Golosov, I.M., Varaksen, P.A. - Ultraviolet irradiation improves the quality of sperm. p.59

Zharchenko, L. E., Mitshchishina, G. I. - Cases of mycotic abortions p. 61.
 Onegov, A. P. - Dosage of trace elements in feeding animals p. 62.
 Arkhangelskii, I. I., Kartasheva, V. M., Sokolova, K. F. - Hygienic aspects of the "Pipeline" and BU-150 arrangements for milking parlors p. 65.
 Antonova, M. E. - Injecting a medicinal solution into a hen's egg without breaking the shell p. 68.
 Gusev, V. F., and others. - Response to our opponents, p. 70.
 Solov'ev, I. S. - Methods and indicators of the reaction for peroxidase, p. 73.
 Tagirov, Kh. Z. - Trace element content of the meat of calves with white muscle disease p. 75.
 Rommova, M. A. - Inspecting imported unsalted dried goat's meat for anthrax p. 78.
 Gushchin, N. I. - Organizing the personnel of veterinary specialists, p. 79.
 Additional listing of veterinarians, p. 83.
 Karlagin, V. I. - Protector of the Brest fortress, p. 90.
 Nagorski, M. V., Bazanov, V. A. - V. F. Nagorski as the organizer of the Russian veterinary service, p. 91.
 Kravtsov, L. M., Kolobolskii, G. V. - Recollections concerning Valerian Iul'evich Vol'feris p. 93.
 Shadrin, I. G., Konopel'ko, P. A., Khustalev, A. S. - A talented scionist and pedagogue, p. 94.
 Rubinshteyn, A. L. - From the history of veterinary service in Mongolia, p. 95.
 (DNAL)

Vol. 42, no. 7, July 1965.

Table of contents translated.
 For a high level of veterinary hygiene on livestock farms, p. 1.
 Pollakov, A. A. - All-Union Scientific Research Institute of Veterinary Sanitation is ten years old, p. 4.
 Neyerov, N. P. - They deserve an honorary title, p. 7.
 Shupliakov, I. D. - Our contribution to the development of animal husbandry, p. 9.
 Socialist obligation of veterinary specialists, p. 10.
 Kostin, P. - In the drive for the development of communal animal husbandry, p. 12.
 Gavrichenkov, A. I., Korolev, S. V. - Veterinary hygienic measures as a basis for the elimination of infectious atrophic rhinitis in swine, p. 14.
 Bazylov, P. M., Fomin, I. U. - Diagnosis of Aujeszky's disease by the method of diffuse precipitation reaction in agar gel, p. 16.
 Chobanov, M. S. - Inactivated vaccine against Aujeszky's disease from a virus grown in tissue culture, p. 19.
 Lashenko, A. T. - Effect of feed biomyces on the immunogenesis in swine vaccinated against cryptosporidiosis, p. 21.
 Ostashev, S. N. - Survival of *Erysipelothrix rhusiopathiae* in the external environment, p. 22.
 Trishkina, E. T. - Determining the sensitivity of microorganisms to antibiotics, p. 24.
 Zaitsov, A. I., Pokrovskaya, E. V., Bolikov, M. N. - Duration of preservation and localization of the tumorigenic agent in the organism of experimentally infected sheep, p. 26.
 Koltov, M. F., Fedushkin, M. E., Fedushkina, T. T. - Problems in local epizootology and control of leptospirosis, p. 28.
 Nikolaev, I. U. E. - Etiology of leptospirosis in animals, p. 29.
 Malukhov, I. U. A., and others. - Diagnosis and prophylaxis of leptospirosis in suckling pigs, p. 31.
 Zakharova, F. V. - Weltmann's reaction in infectious atrophic rhinitis of swine, p. 34.
 Linnatula, A. - Diagnosis of infectious atrophic rhinitis, p. 39.
 Fedolov, V. S. - Use of dibromomycin in necrobacillosis of reindeer, p. 38.
 Annagiev, A. A., Abbasov, A. A. - Treating necrobacillosis in lambs, p. 40.
 German, V. V. - Histological differential diagnosis of Mycoplasma infection and aspergillosis in turkeys, p. 41.
 Markov, A. A., Stepanova, N. I., Timofeev, B. A. - Studying toxoplasmosis in swine, p. 45.
 Soldatenko, A. M. - Treating theileriosis in cattle, p. 47.
 Timofeeva, D. A. - Giobidiosis in sheep, p. 47.
 Makhalochkina, E. I. - Localization of *Acarus suis* on the body of swine, p. 51.
 Zaitsova-Fedorchenko, A. N. - Immunization of cattle and sheep against dictyocaulosis, p. 51.
 Paskalskaya, M. I. U. - Effectiveness of naphthamone in *Nematodirus* infestation of lambs, p. 52.
 Brichuk, P. F. - Effectiveness of a solution of malachite green for treating ichthyophthiriasis in carp, p. 53.
 Tarasenko, I. - Controlling warble flies and blood-sucking insects infesting reindeer, p. 54.
 Kozlov, V. M. - Vascularization of the mucose membrane of the rumen, p. 56.
 Ionov, P. S., Usha, B. V. - Diagnosis of liver diseases in cattle, p. 58.

Skvortsov, I. F. - Nephrotheliasis in cattle, p. 60.
 Kolushov, N. P. - Compound method of treating actinomycosis, p. 62.
 Varnikov, V. V., Uzaev, N. A., Paderin, V. P. - Pathological physiological changes in traumatic pericarditis, p. 63.
 Andilash, L. T. - Transfusion of isogenous blood in some intoxications, p. 60.
 Pashchak, N. I., Bysin, V. G. - Pollen allergy in animals, p. 68.
 Polozov, D. D., Pototskii, V. A., Sokolov, V. P. - Prophylaxis and diagnosis of the poisoning of bees due to chemicals, p. 70.
 Chirakov, V. A. - Motility of the uterus during insemination, p. 72.
 Golikov, A. V., Baiduta, N. V. - Vibrionic abortion of cattle in Kazakhstan, p. 75.
 Pozdnjakov, A. V., Vinokurov, L. V. - Has gonadostimulin any effect? p. 77.
 Bakhtov, S. G., Polillov, S. N. - Method for determining the alkalinity of milk with bromothymol blue, p. 79.
 Voloskov, P. A., Sunaikhin, A. A., Luchko, M. A. - Treating trichomoniasis in bulls, p. 80.
 Zvezda, G. V., Onelchak, N. P., Tikhonov, N. M. - Methods for intravital examination of ovaries in cows, p. 81.
 Chernenko, I. S., Petrov, V. G. - Surgical method for treating brucellosis in bulls, p. 82.
 Bakhitov, N. A. - Organization of the insemination of brood sows kept in field shelters, p. 84.
 Ponomareva, M. I., Druzhko, V. I. A. - Treating mastitis in swine, p. 86.
 Ocheret'ko, F. L. - Effect of antibiotics on the productivity of cattle, p. 88.
 Askerov, A. A. - Use of ether preparations in veterinary disinfection, p. 90.
 Bukharynov, V. I. - Protecting animals from blood-sucking insects, p. 93.
 Konarov, N. M., Borshch, M. S. - Hygiene as a basis for the prophylaxis of animal diseases and for increasing their productivity, p. 95.
 Zykin, L. A., and others. - Work practices of meat and food inspection stations, p. 97.
 Golubov, A. M. - Preventing traumatism in cattle marked for slaughter, p. 98.
 Divakov, P. M. - Prospects for meat transportation, p. 101.
 Blonskii, V. B. - Suitability of whale meat for human consumption, p. 101.
 Ostashev, F. L., Lopatko, M. L. - Improvement of refrigerating apparatus, p. 104.
 Eroshenko, A. E. - Apparatus for treating dermatomycosis in animals, p. 109.
 Kolushov, N. P. - Cutters for the trimming of hoofs, p. 107.
 Trefilov, A. A. - Visiting our friends, p. 109.
 Kalugin, V. I. - Ilya Ilich Mechnikov, his 120th birthday anniversary, p. 110.
 Tiniakov, G. G. - Gregor Mendel, the founder of the science of heredity; centennial of the foundation of experimental genetics, p. 112.
 Petrov, N. N. - Pavel Nikolaevich Kulshov, centennial of the Timirязev Agricultural Academy, p. 114.
 Lapanov, N. I. - S. S. Evschenk, an outstanding worker in the field of Soviet veterinary medicine, p. 115.
 (DNAL)

c. FORESTRY

KHMKI. TSENTRAL'NYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT MEKHANIZATSII I ENERGETIKI LESNOI PROMYSHLENNOSTI. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF MECHANIZATION AND USE OF POWER IN LUMBERING. Transactions]. Nos. 51, 54, 57, 1964.
 MASTER LESA [MASTER LUMBERMAN]. Issued by TsK Profsoyuza rabochikh lesnoi, khimicheskoi i derevoobrabatывающей promyshlennosti [Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries]. Moscow, vol. 9, no. 10, Oct. 1965.
 d. PLANT CULTURE
 Leningrad. Vsesoyuznyi Institut Zashchity Rastenii, Trudy [ALL-UNION INSTITUTE OF PLANT PROTECTION. Transactions] No. 17, 1963.
 Table of contents translated:
 Pollakov, I. A., Tsyplenkov, E. P., Chumakov, A. E. - Principles of nation-wide planning of plant protection measures, p. 5.
 Sazonov, P. V., Kobrin, D. B. - Strategy of plant pest control by chemicals, p. 21.
 Finkelshteyn, B. I. U. - Theoretical basis and some results of research on chemical plant protection against rodents and birds, p. 49.
 Pollakov, I. M. - Effect of new organic fungicides on plants and pathogenic fungi, p. 60.

Bogdanova, A. A. - Physiological basis for the joint use of insecticides with mineral nutrients and the trends of future research, p. 100.
 Fedolova, T. I. - Significance of intraspecific variability of the causative agents of plant diseases for practical breeding, p. 110.
 Fedorovich, N. S. - Some results and problems of research conducted at the Microbiological Control Laboratory of the All-Union Institute of Plant Protection, p. 138.
 Shchepetil'nikova, V. A. - Biological method of plant protection, p. 162.
 Zimin, L. S. - Parasitic diptera of the subtribe Linnemyinae of the Palaearctic region, p. 188.
 Khokhriakov, M. K., Novotel'nova, N. S., Polnitschuk, V. I. - New fungus diseases of cultivated plants in the U.S.S.R., p. 218.
 Shapiro, I. D. - Behavior of fruit flies and their harmfulness to corn plantings in the northwestern zone of the U.S.S.R., p. 248.
 Vlasov, I. D. - Basic problems of agricultural virology, p. 277.
 Tsyplenkov, E. P., Shumakov, E. M. - Results of the study of locusts in the U.S.S.R., p. 290.
 Pollakov, I. A. - Means of eliminating mass damages by susliks in the U.S.S.R., p. 311.
 Chigaryov, G. A. - State and problems of potato crop protection from the Colorado beetle in the U.S.S.R., p. 324.
 Iakubtsov, S. I., Pavlovskaya, V. O. - Effectiveness of simazine and atrazine in the monocultures of corn, p. 344.
 Andreev, S. V., Martens, D. K. - Results of and prospects for the use of biophysical methods in plant protection, p. 359.
 Tarnovskiy, N. K. - Present state of mechanization in chemical plant protection, p. 374.
 Kolladko, T. M. - List of works published by the contributors of the All-Union Institute of Plant Protection in 1955, p. 392.
 Kolladko, T. M. - List of works published by the contributors of the All-Union Institute of Plant Protection in 1958, p. 400.
 Tsyplenkov, E. P., Shumakov, E. M. - Soviet literature on locusts not included in the bibliography of G. B. Budinov (1958), p. 412.

REFERATIVNYI ZHURNAL RASTENIEVOODSTVO (Older'skiy vypusk 55) [JOURNAL OF ABSTRACTS PLANT CULTURE (Separate Issue 55)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 16, Sep. 1965.

SADOVODSTVO [HORTICULTURE]. Organ of Ministerstvo sel'skogo khozaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 103, no. 10, Oct. 1965.
 (DNAL)

SADOVODSTVO, VINOGRADARSTVO I VINODELIE MOLDAVII [FRUIT CULTURE, VITICULTURE, AND WINE MAKING IN MOLDAVIA]. Organ of Sovnarkhoz and Ministerstvo sel'skogo khozaistva Moldavskoi SSR [Economic Council and the Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol. 20, nos. 7(147)-8(148), July-Aug. 1965.
 (DNAL)

SELEKTSIYA I SEMENOVODSTVO [PLANT BREEDING AND SEED PRODUCTION]. Issued by Ministerstvo sel'skogo khozaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 30, no. 8, Sep.-Oct. 1965.

SUBTROPICHESKIE KULTURY [SUBTROPICAL CROPS]. Issued by Vsesoyuznyi nauchno-issledovatel'skiy institut chaina i subtropicheskikh kultur [All-Union Scientific Research Institute of Tea and Subtropical Crops]. Makhadze, no. 1, 1965.
 Table of contents translated:
 Gutlov, G. T. - Severe winter of 1963-1964 and its effect on subtropical plants, p. 3.
 Pirskhalishvili, S. Kh. - State standards for high-quality tea leaves, p. 19.
 Beridze, A. E. - Effectiveness of growth promoting substances of petroleum origin on tea plantations in Georgia, p. 33.
 Ibragimov, Kh. G. - Irrigation of tea plantations in Krasnodar Territory, p. 41.
 Dzhashi, V. S., Dzhashi, V. V. - Sayfos and rogor as effective preparations against the tea aphid (*Toxoptera aurantii*), p. 47.
 Gamkrelidze, I. D. - Growth and development of citrus trees as related to the method of the placement of phosphorus during primary soil cultivation, p. 53.
 Mgaloblishvili, S. V. - Nonwoven fabric as a substitute for a three-layer cheesecloth for protecting lemon from frost, p. 73.
 Dzhashi, R. G. - Dynamics of carbohydrates in lemon leaves under various ecological conditions, p. 81.
 Gamkrelidze, G. I. - Expendency of the wide use of laural waste for producing essential oil, p. 87.

- Voiontov, V. V. - Practices in growing nursery stock of laurel. p.93.
 Gabrichidze, Z. Sh. - Propagation of laurel by leaves and bud. p.103.
 Kechevadze, L. A. - Macrophoma infection of laurel. p.107.
 Ten'kovtseva, E. S. - Olive in Krasnodar Territory p.111.
 Alekseev, V. P. - The Bengal quince *Aegle marmelos* Correa. p.117.
 Misuradze, N. I. - Mal secco resistant varieties of lemon in Sicily. p.119.
 Dudai, I. U. A. - Cultivation of citrus in Cuba. p.123.
 Mamilo, F. F. - Some results of the state variety testing of subtropical crops. p.129.
 Sharapov, N. I., Tikhomirov, G. N. - Plant resources for the production of shellac in the U.S.S.R. p.135.

TABAK [TOBACCO] Organ of Gosudarstvennyi komitet po pishchevoy promyshlennosti pri Gosplane SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva pishchevoy promyshlennosti [State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry] Moscow, vol. 26, no. 3, 1965. (DNAL)

TSENTRAL'NAIA OPYTHO-MELIORATIVNAIA STANTSIA SOUZHNIKH, Trudy [CENTRAL LAND IMPROVEMENT EXPERIMENT STATION OF THE ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF COTTON GROWING, Transactions], Tashkent, no. 2, 1964.

Table of contents translated:

- Gribanikov, V. N. - Some results of the study of the soil improvement effect of horizontal subsurface drainage in the Golodnaya Steppe. p. 3.
 Potanova, T. P. - Preliminary results of testing the structures for horizontal subsurface drainage. p. 31.
 Avtonomov, A. A. - Use of a plow with a collar in the Golodnaya Steppe. p. 37.
 Abdurazakov, K. - Practices in bringing Solonchak soils under cultivation in Golodnaya Steppe. p. 48.
 Lifshits, E. A. - Practices in growing peas in the Golodnaya Steppe. p. 52. (DNAL)

YALTA, GOSUDARSTVENNYI NIKITSKII BOTANICHESKII SAD, Trudy [NIKITA STATE BOTANICAL GARDEN, Transactions], Vol. 31, 1959.
 Contents: Privalova, L. A., Prokudin, I. U. N. [Additions to volume I of "Flora of the Crimea"] *Dopolneniia k flore "Flory Kryma"* 120 p.

ZEMLEDELIE [AGRICULTURE]. Issued by Ministerstvo sel'skogo khozaistva SSSR [Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 27, no. 6, June 1965.

Table of contents translated:

- Introducer of science to production. p. 3.
 Lisenko, A. P. - Long-range plowing and specialization. p. 5.
 Nekrasova, A. A. - In the new region of sugar beet growing. p. 10.
 Tkachuk, M. - Teams of a new type. p. 13.
 Afendulov, K. P., and others. - Practices in the intensive use of land. p. 15.
 Gash, A. G. - Stop wind erosion of soils. p. 21.
 Dursachin, M. K., Gvazava, Sh. T. - Let us restore eroded soils. p. 24.
 Komlev, A. A. - How a state farm controls erosion. p. 25.
 Ponomarechuk, V. A. - Use sandy soils efficiently. p. 29.
 Liaschenko, K. D. - Let us restore the glory of the wheat country. p. 31.
 Zaitsev, S. S. - For the high yield of grain and groats crops. p. 34.
 Khachbudenko, I. D. - Grain as the main wealth of a farm. p. 36.
 Usturlundin, V. A. - 18 centners of wheat per hectare. p. 39.
 Khellenurme, V. - Chemical composition of grasses on peat bogs. p. 39.
 Shivarinkov, P. K. - Mutation and breeding. p. 42.
 Viktorov, A. K., Iurkin, S. N. - Again groundless recommendations. p. 47.
 Iagupov, M. K. - Evaluating the methods for weed control. p. 49.
 Bolotov, I. N., and others. - Combine cultivation practices with the use herbicides. p. 53.
 Sozinov, A. A., Kozlov, V. G., Pavlovich, I. G. - Fertilizers and the quality of grain. p. 60.
 Spitsyn, V. P., Fedorov, V. A., Nararov, N. K. - Effectiveness of fertilizers in green fallows. p. 64.
 Shamshura, T. - Liming doubles the force of fertilizers. p. 65.
 Iaroshovets, R. I., Romanenko, L. G. - Effectiveness of composts. p. 69.
 From the practices in the use of ammonia water:
 Stoma, L. - Without contact with the air. p. 71.
 Shatalov, A., Zolotov, V. - If there is no special machine. p. 72.
 Andreev, A., Buts, V. - Fertilizer spreader on meadows. p. 73.

- Nemykin, P. I. - Thought about crops. p. 74.
 Kaipenko, A. I. - Practices in obtaining huge crops. p. 77.
 Centennial of the Timbrazev Agricultural Academy. p. 81.
 Tyrticheva, Z. A. - Effectiveness of clean and green fallows. p. 82.
 Konev, N. F. - Rotation of crops in the U.S.A. p. 84.
 Piatnitskaya, E. A. - Minimal cultivation of land in the U.S.A. p. 91.
 Baranov, P. A. - Scientific Congress dedicated to the 800th anniversary of the Leipzig Fair. p. 94.

ZERNOBOBOVYE KUL'TURY [PULSE CROPS]. Issued by Ministerstvo sel'skogo khozaistva SSSR [Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 3, no. 9, 1965. (DNAL)

16. TECHNOLOGY

a GENERAL

AKADEMIIA NAUK ARMIAANSKOI SSR, Eriyan, Izvestia, Seriya tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R., Bulletin, Series in the Technological Sciences], Eriyan, vol. 18, no. 4, 1965.

Table of contents translated:

- Shakhnazarian, I. U. M. - Nonsteady oscillations of generator rotors in complex electrical systems with asynchronization of different generators and power plants. p. 3.
 Barsegian, N. S. - Active resistance of the stator of a salient-pole synchronous machine to upper harmonic currents. p. 10.
 Akopdzhanian, G. D. - Transformations of linear electrical networks. p. 15.
 Maksudyan, A. S. - Experimental study of the effect of the roughness of a surface on terminal energy losses in a straight cascade of reactive profiles. p. 22.
 Shcherbakova, O. P. - Determination of the economic effectiveness of peak power transmission. p. 27.
 Govorkian, K. Kh. - Investigating the reliability of the pressing process of ferrites with a rectangular hysteresis loop. p. 35.
 Ter-Matiosian, Z. G. - Unstability of the stressed state of nonchained clayey soils. p. 40.
 Gorolan, T. A. - Effect of the nature of changes in bending moments on vibration energy dissipation of a reinforced concrete components. p. 49.
 Vaidarajan, K. A. - Using the statistical test method in establishing the water balance of Lake Sevan. p. 57.
 Khachian, M. G. - Stand for calibrating transducers of vibratory motion. p. 60.
 Minelau, M. G. - Magnetic texture produced by cooling in a magnetic field at low temperatures. p. 62.
 Gabrilian, D. Kh. - Analysis of the efficiency of the stroke of a crank press in hot upsetting of cylindrical billets. p. 63.
 Khachaturian, V. A. - Ornamental properties of natural building materials. p. 65.

***BULLETER' IZOBRETENII I TOVARNYKH ZNAKOV [BULLETIN ON INVENTIONS AND TRADEMARKS]** Issued by Gosudarstvennyi komitet po delam izobretenii i okryti SSSR [State Committee on Inventions and Discoveries of the U.S.S.R.], Moscow, vol. 42, nos. 17-18, Sep. 1965.

***GEODEZIYA I KARTOGRAFIYA [GEODESY AND CARTOGRAPHY].** Organ of Glavnoe upravleniye geodezii i kartografii Gosudarstvennogo geologicheskogo komiteta SSSR [Main Administration of Geodesy and Cartography of the State Geological Committee of the U.S.S.R.], Moscow, no. 8, Aug. 1965.

Table of contents translated:

- Larin, D. A. - Evaluating the precision of leveling p. 3.
 Birthday of Fedor Vasil'evich Drobyshev, a noted scientist and talented inventor. p. 8.
 Vlasovs, I. B. - The improved SDD-M geodimeter. p. 10.
 Borodulin, G. I., and others. - Results of testing the experimental model of the TD-1 geodimeter. p. 15.
 Evchenko, S. E. - Measuring horizontal angles on first-order triangulation points with long base lines. p. 21.
 Sudnitsyn, V. M. - Investigating the asymmetry of trihedral signals. p. 24.
 Bazhanov, K. V. - Graphic method for calculating loads in erecting signals. p. 28.
 Elenevskii, N. N. - Calculating the precision of the intersection by interior angles. p. 33.
 Livshits, I. M. - Geodetic prerequisites for erecting television towers. p. 41.
 Surveying in the construction of an electronic synchrotron in Hamburg. p. 46.
 Klenko, I. P. - Preliminary surveying apparatus for operations involving the use of phototheodolites. p. 49.

- Markov, V. G., Min'ko, V. I. U. - Techniques of renovating topographic maps. p. 53.
 Koldayev, P. K. - Present-day aspects of cartography in Great Britain. p. 57.
 Koldayev, P. K. - Photographic relief shading from terrain models. p. 63.
 Slavnova, A. V. - Effect of the thickness of the luminescent ink layer on the cartographic representation of shaded images. p. 69.
 Morozov, N. M. - Field work of students of the Main Administration of Geodesy and Cartography. p. 73.

***INZHENERNO-FIZICHESKII ZHURNAL [JOURNAL OF ENGINEERING PHYSICS].** Issued by Akademiya nauk BSSR [Academy of Sciences of the White Russian S.S.R.], Minsk, vol. 9, no. 3, Sep. 1965.

Table of contents translated:

- Lykov, A. V. - Using the methods of irreversible process thermodynamics in investigating heat and mass transfer. p. 287.
 Tembin, A. G. - Using characteristic functions of irreversible process thermodynamics in determining the parameters of internal heat and mass transfer. p. 305.
 Tsoi, P. V. - Irreversible process thermodynamics and the derivation of a differential equation system of molecular transfer. p. 318.
 Kostein, S. I., Pavlov, B. M. - Experimental investigation of some thermodynamic properties of composite solutions at low temperatures (to -100° C.). p. 323.
 Kazanskii, V. M. - Determining the thermodynamic functions of moisture absorbed by a dispersion body according to specific evaporation heat. p. 329.
 Tabachnikov, A. G., Spiduk, I. S. - Equation of the state of nitrogen oxide in the range of temperatures 190-2,000° K and densities 0-20 kmol/m³ p. 332.
 Konakov, P. K. - Law of mass and energy transfer p. 337.
 Karavchinskii, I. A. Z. - Using thermodynamic similarity in investigating the properties of gas mixtures p. 340.
 Gulyaev, A. I. - Rankine effect at low temperatures. p. 354.
 Birger, B. N. - Steady state of heat-conducting systems p. 358.
 El'perin, I. T. - Thermodynamic investigation of heat and mass transfer in a nonuniform aerosol flow. p. 364.
 Konakov, P. K. - Reciprocity principle in irreversible process thermodynamics p. 369.
 Kostylev, V. M., Nabatov, V. G. - Heat transfer in a dispersive heat-insulating layer p. 377.
 Romanenko, P. N., Kharchenko, V. N. - Evaluating losses of kinetic energy of a fluid flow in pipes p. 384.
 Smirnov, M. S. - Generalized equation of moisture diffusivity and its solution p. 391.
 Venediktova, R. I., Rudyi, N. M. - Investigating mass transfer caused by moisture extraction from capillary-porous materials. p. 396.
 Dul'nev, G. N. - Heat transfer through solid dispersive systems p. 399.
 Vasil'eva, G. V. - Effect of a recess area on the convective heat and mass transfer caused by evaporative cooling p. 405.
 Karavchinskii, I. A. Z. - On the article: "Using classical concepts in the new system of substantiation of the second law of thermodynamics" p. 409.
 Bartosh, E. T., Volkov, N. F., Romanov, B. A. - Substantiating the principle of the existence of entropy in thermodynamics p. 412.
 Lykov, A. V., and others - Georgii Aleksandrovich Maksimov, obitany p. 418.

***IZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES].** Issued by Gosudarstvennyi komitet standartov, met i izmeritel'nykh priborov SSSR [State Committee of Standards, Measures, and Measuring Instruments of the U.S.S.R.], Moscow, no. 8, Aug. 1965.

Table of contents translated:

- Dubov, B. S. - Relation of input and output values of multicomponent devices. p. 1.
 Gafanovich, G. I., Smukh, G. S. - Increasing the precision of testing and certification of germinolite meters. p. 4.
 Selanov, G. S. - Device for measuring the thickness of a polymer film. p. 6.
 Eremeev, A. E. - Unit for determining elasticity constant of materials by the static method. p. 8.
 Anokhin, I. U. S. - Using electronic tubes with mechanical control in measuring instantaneous values of fluid flow speed. p. 11.
 Fedotov, L. P. - Calculating the natural vibration frequency of tubular springs and spring manometers. p. 13.
 Bolarskii, L. A., Strelov, P. G. - Reproducibility of the position of a temperature tube on the optical support of a spectrophotometer. p. 15.
 Kulovov, V. I., Steisenko, V. I. - Using the radioisotope method in controlling the temperature of liquid metals. p. 17.
 Lubutsov, V. F. - Temperature regulation in air-conditioned rooms. p. 20.

- Kokorov, S. P. - Control and automatic regulation of temperature in air-conditioned rooms, p.23.
- Taub, B. S., Kollik, E. D., Kulemba, A. A. - The F-200 phasemeter, p.25.
- Goselkov, N. L., Kilstorin, I. F. - Voltage dividers of automatic digital a.c. voltmeters, p.27.
- Evtukhev, N. N. - D.C. amplifier, p.30.
- Gertsenshtein, M. E., Boloslin, I. A. - Measuring the noise ratio of linear receiving systems in an optical range, p.32.
- Fedorov, A. M., Iakovleva, N. F. - Frequency errors of compensating diode voltmeters, p.35.
- Andreeva, L. I., Stepanov, B. M. - Photocells for measuring high-power light pulses, p.38.
- Determination of the ampere, p.45.
- Universal decimal classification, p.46.
- Kessel'man, S. M. - The first Leningrad conference on the problems of engineering psychology in the manufacture of instruments, p.51.
- Rubenchik, B. I. A. - Control of the initial radial gap of miniature bearings, p.53.
- Shendelevich, A. M., Il'in, O. G. - Measurements of nonlinear inductances, p.55.
- Padalka, E. S. - Determining the conductivity of electrolytes, p.56.
- Pelykh, N. A., Sokolov, O. V. - The MA-1 (MT-1) type thermistor bridge for the operation with wire bolometers, p.56.
- Golota, S. I. - Device for measuring and regulating the moisture in materials, p.58.
- Tarun, N. V. - Graphic determination of corrections to a standard metallic alcoholometer, p.59.
- Rudenko, P. V. - Repairing analytical weights, p.60.
- Kudrin, V. V. - Tables of rated auxiliary values for testing dial devices using the U702 unit, p.60.
- IZOBRETEL' I RATSIONALIZATOR [INVENTOR AND EFFICIENCY PROMOTER].** Issued by Vsesoyuznoe obshchestvo izobretelei i ratsionalizatorov [All-Union Society of Inventors and Efficiency Promoters] Moscow, no. 9(229), 1965.
- Table of contents translated.
- Likhter, A. - What is ROIP (Public Patent Institute in Riga)? p.1.
- Fedenev, G. - Automation from a sober point of view, p.2.
- Vazhnov, B. - Complaisant-that is bad, p.3.
- Leonidov, L. - Time was caught in a net, p.5.
- Advertising board, p.8.
- Kliot, D. - By a single whiff, p.10.
- Conceived-achieved, p.12.
- From the notebook of the technologist of "Izobretel' i ratsionalizator," p.13.
- Sergeev, C. - Apollo in machine oil, p.14.
- Press what you want, p.16.
- Borisov, A. - Photographs of "eternal wanderers," p.17.
- This is how we live, p.18.
- Makhl, E., Miroshnichenko, A., Polubayev, O. - Straightway, p.19.
- Fai kas, M. - Foreign market requires quickness and innovations, p.20.
- Il'in, O. - Chemical clock, p.21.
- Medvedev, I. U. - Why did the beetle fly away, p.22.
- S. M. Andonov's invention entered the gold fund of world metallurgy, p.26.
- Mitroshnichenko, L. - Three-dimensional world on a two-dimensional film, p.30.
- Shakmazarian, R. - Machine goes to swamps, p.32.
- LENINGRAD, POLITEKHNIЧЕСКИЙ ИНСТИТУТ, Труды [POLYTECHNIC INSTITUTE, Transactions].** No. 248, 1965. Engineering fluid-gas dynamics.
- Table of contents translated.
- Lun'kh, I. U. P., and others. - Passage of singular points in numerical solution of problems of super-sonic flow about bodies, p.7.
- Makarov, A. F. - Three-dimensional fluid flow in the blade channel of a Francis turbine, p.14.
- Stepanitsa, L. G., Zablotskiy, N. D. - Some possible simplification of the Reynolds equation of gas lubrication, p.27.
- Zablotskiy, N. D. - Using the system of continuous pressurization in calculating gas lubricated bearings with a discrete pressurization, p.35.
- Loitsianskiy, L. G. - Parametric method for the integration of equations of laminar boundary layers, p.45.
- Slunin, L. M., Terent'ev, N. M. - Numerical solution of equations in the single-parametric theory of a boundary layer, p.56.
- Kapustianskiy, S. M. - Laminar boundary layer in a high-velocity gas flow, p.59.
- Dogdanova, V. V. - Axisymmetric laminar boundary layer in a swirling flow, p.65.
- Kariakin, I. U. E. - Analog problem of a three-dimensional boundary layer, p.74.
- Lapin, I. U. V. - Effect of catalytic recombination on the heat transfer in a "frozen" turbulent boundary layer, p.82.
- Stepanitsa, L. G. - Calculating profile drag at high gas velocities and in the presence of heat transfer, p.88.
- Mishechenko, V. M. - Turbulent boundary layer on a cascade profile in the presence of a local separation, p.93.
- Akatov, N. I. - Propagation of a system of plane turbulent jets, p.101.
- Aliev, F. - Using generalized Mises variables in the problem of propagation of plane thermal jets in a noncompressible fluid, p.110.
- Akulova, L. G., Golovina, A. F. - Updraught in cooling towers caused by wind, p.115.
- Iakovenko, V. V. - Experimental investigation of hydrodynamic characteristics of the propeller shaft of a high-speed vessel, p.121.
- Petrov, R. L. - Hydrodynamic calculation of a unit with a light piston, p.132.
- No. 249, 1965. Heat engines and motor-vehicle engines.
- Table of contents translated.
- D'yachenko, N. Kh., Pugachev, B. P. - Using electronic computers in mathematical investigation of the injection process in diesel engines, p.5.
- Bukharina, G. I. - Damping of resonance torsional vibrations in piston engines, p.12.
- Limonov, F. M., Kharitonov, B. A. - Regulating the angle of fuel injection advance in diesel engines, p.21.
- Burin, M. M., Kostin, A. K. - Effect of scavenging air on the temperature of engine parts, p.29.
- Bukharin, N. N. - Graphoanalytical determination of the effect of atmospheric conditions on the scavenging parameters of a diesel engine, p.35.
- Meitova, G. G., Nosov, N. A. - Evaluating thermal stresses in friction units, p.42.
- Vol'kov, I. U. P. - Investigating the shifting process in a hydro-mechanical transmission, p.47.
- Beisladskiy, S. A. - Investigating vibrations of a piston compressor in a wide frequency range, p.52.
- Dmitrievskiy, V. A., Ponomov, I. B. - Investigating band valves of a piston compressor, p.64.
- Zakharenko, S. E. - Gas flow through narrow slits at critical escape velocities, p.69.
- Pilit'skiy, I. K., Fotin, B. S. - Effect of escapes on the volume ratio of piston and rotary compressors, p.75.
- Vain'd, A. A., Pilit'skiy, I. K., Fotin, B. S. - Experimental determination of temperatures of the working-chamber parts of piston compressors, p.81.
- Dmitrievskiy, V. A. - New types of free-piston diesel compressors, p.88.
- N. Kh. D'yachenko, on the occasion of his 60th birthday, p.94.
- No. 250, 1965.
- Table of contents translated.
- Murashkin, L. S. - Intensity of stressed and strained state caused by metal cutting, p.5.
- Murashkin, L. S. - Minor and precise displacements on sliding guides, p.11.
- Azarov, A. S., Nikitkov, N. V. - Improving the control of the diameters of large shafts machined on lathes, p.17.
- Amosov, I. S., Iynov, O. A. - Problems of the precision of an active control during circular external infeed grinding, p.22.
- Gnuchev, M. V., Rozanov, L. N., Pechenikov, M. S. - Bellows-sealed capacitive manometer for measuring pressure in logarithmic units, p.29.
- Kukushkin, A. P., El'melokh, I. M. - Calculating the filling time in pneumatic systems with small working volumes, p.34.
- Bezhanov, B. B. - Calculating the productivity of a pneumatic hammer drill, p.41.
- Guzhikh, A. I. - Calculating elastic deformations of a technological system taking into consideration the feed force in machining on lathes, p.47.
- Murashkin, L. S. - Efficiency of vibratory drilling, p.56.
- Vikhitskiy, V. V. - Experimental lathe for turning metals in the speed range from 5,000 to 20,000 meters per minute, p.61.
- Klazin, B. G. - Investigating some metrological characteristics of the VGD-10 transducer with a vibration feeder and generator, p.65.
- Khazin, B. G. - High-speed motion-picture photography of the performance of the feeder of a transducer with a vibration feeder and generator, p.71.
- Istomin, V. F. - Experimental determination of the curves of strain hardening caused by tension and compression, p.75.
- Boreiko, A. P. - Strain hardening of hard-to-machine steels caused by compression and tension, p.80.
- Boreiko, A. P. - Stressed and strained state of metal caused by the infeed of the cutting tool, p.83.
- Koishov, I. U. M. - Effect of electric current on the metal-cutting process, p.88.
- Belov, B. N. - Boreaching holes in 45G17U3 non-magnetic steel, p.89.
- Berdnikov, I. N. - Attachment for obtaining a fixed area of chip formation, p.98.
- Mertson, I. V. - High-rigidity dynamometer for measuring quick-changing forces, p.100.
- Shishkov, V. D. - Resistance dependences in end milling of MML-2 low-magnetic steel, p.104.
- Nedorozov, V. E., Zhvilk, I. M. - Using the method of photolattice for experimental investigation of the nature of deformations caused by blanking and piercing of plate materials, p.107.
- Nikolai Konstantinovich Fadeev; obituary, p.111.
- Vol. 252, 1965. Dynamics and durability of machine; mechanics and control processes.
- Table of contents translated.
- Valeev, K. G. - Theory of heat exchangers, p.7.
- Guretskiy, V. V. - Maximum deviation of an optimally damped unit, p.16.
- Ispolov, I. U. G. - Some problems in the dynamics of mine hoisting, p.21.
- Lui'c, A. I. - Applying the maximum principle to simplest problems in mechanics, p.34.
- Maksimov, S. P. - Natural vibration of a vertical rotor, p.47.
- Pupiyev, V. A. - Sound production by vibrating plates, p.59.
- Sankin, I. U. N. - Influence functions for calculating vibrations of an elastically supported rod of high lateral cross section, p.68.
- Uzunov, G. T. - Combined vibrations of a turbogenerator stator and the foundation under the action of a rotating magnetic field, p.79.
- Fidman, V. M. - Bending vibrations of a pack of naturally twisted rods in a field of centrifugal forces, p.87.
- Pal'mov, V. A. - Thin plates under the action of a wide-range random load, p.97.
- Prokopov, V. K. - Deformation of a circular plate with three rigid supports under the action of concentrated forces, p.107.
- Chernina, V. S. - Stressed state of a shell of revolution at a nonaxisymmetric temperature distribution, p.114.
- Gil'bo, L. P. - Isolating a signal from its nonlinear conversion on the background of random interferences, p.127.
- Kalkovnik, V. I. A., Poluektov, R. A. - Synthesis of discrete systems taking into account dynamic limitations caused by the controlled object, p.133.
- Romunov, M. F. - Exposure of hidden periodicities in the presence of correlated noises, p.140.
- Peizovanskii, A. A. - Evaluating the effect of a linearization by a normal random signal, p.147.
- Chapman, I. B. - Criticality of automatic control systems optimal according to the criterion of the minimum of a mean square error, p.153.
- LVOV, POLITEKHNIЧНИЙ ІНСТИТУТ, Доклади [POLYTECHNIC INSTITUTE, Reports].** Vol. 4, no. 1/2, 1965. Matematika [Mathematics].
- Table of contents translated.
- Kazimiskii, P. S. - Decomposition of a matrix with elements from a ring of principal ideals into simple matrices, p.3.
- Koval'chik, I. M. - Solution of some problems of the theory of elasticity for an inhomogeneous infinite band, p.7.
- Kazimiskii, P. S. - Decomposition of a polynomial matrix into the product of first degree matrices, p.11.
- Koval'chik, I. M. - Solution of the boundary value problem of the theory of elasticity for infinite bands, p.16.
- Kalinskii, M. I. - Stresses in a plate with circular openings, p.20.
- Ignat'ev, M. A. - Application of the reflection method to the first basic problem of the theory of elasticity for a line, p.25.
- Ignat'ev, M. A. - Solution of Neiman's problem by D. A. Grave's symmetry method, p.30.
- MOKSLAS IR TECHNIKA [SCIENCE AND TECHNOLOGY].** Issued by Lietuvos TSR Ministrų Tarybos Valstybinis mokslinio tyrimo darbu koordinavimo komitetas [State Committee of the Council of Ministers of the Lithuanian S. S. R. for the Coordination of Research] and others. Kaunas, vol. 7, no. 9, Sep. 1965. [in Lithuanian].
- MOSCOW, GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT NAUCHNOI I TEKHNIЧESKOI INFORMATSII, Bulletin tekhniko-ekonomicheskoi informatsii [STATE SCIENTIFIC RESEARCH INSTITUTE FOR SCIENTIFIC AND TECHNICAL INFORMATION, Bulletin of Technical and Economic Information].** Vol. 18, no. 7, July 1965.
- Table of contents translated.
- Volobayev, V. F., Ankudinov, N. V., Goncharenko, A. M. - Making 40Kh-type chromium steel using briquettes made of ShKh-15 steel chips, p.3.
- Sevast'yanov, S. S., Baranova, A. G. - Mechanization of the back feed for repairing blast furnaces, p.5.
- Pertsikov, Z. I., Golekov, A. A. - Manufacturing and using 160 ton capacity pipe-drawing mill, p.6.
- Tatnov, A. I. - Introduction of the "Temp" equipment set for working little depth mines, p.9.
- Shavkun, B. I. - Manufacturing the SShS-250 self-propelled machine for drilling holes, p.10.
- Abramson, Kh. I., Shavkun, B. I. - Introduction of the PNB-3m loading machine, p.12.
- Sinlavskiy, B. S. - Manufacturing chemical equipment from materials based on graphite at the Novochebassk Electrode Plant, p.14.
- Shchepilov, N. S., Chernyak, A. S. - Introducing ultrasonic cleaning of glass tubings, p.15.

- Kul'tin, L. L. - Producing large castings with forced cooling. p. 17.
- Kotkis, M. A. - Introducing plastic thermal treatment of springs for the GAZ-51 motor truck. p. 19.
- Ostrovskii, O. E., Solovub, D. P. - Automatic welding of round hollow joints without supporting rings. p. 21.
- Zaklin, M. P. - Universal semiautomatic anode-mechanical machine. p. 23.
- Shofman, M. Sh. - Manufacturing a set of high-precision groove-grinding machines. p. 25.
- Bakman, V. N. - Manufacturing the LSH-27 semiautomatic centerless grinding machine. p. 28.
- Bytsenko, V. P. - Manufacturing the LSH-28B automatic groove-grinding machine. p. 29.
- Chistiakov, A. V. - Introducing an automatic machine for grinding and polishing spheres. p. 30.
- Blinov, V. I. - Using the semiautomatic eight-spindle vertical drilling machine with extensible spindles. p. 32.
- Petrov, I. U. N. - Introducing automatic machines for undercutting faces of solid semiseparators. p. 33.
- Volkov, V. M. - Automatic machine for machining small slots. p. 35.
- Shcherbatykh, V. A., Steisenko, V. V. - Automatic machine for reaming two holes in flat parts. p. 38.
- Linnitskii, G. A. - Introducing the N-888 hydraulic press. p. 37.
- Adamson, E. N., Kononov, V. M., Balashov, A. M. - Using the electrohydraulic effect for cleaning castings. p. 39.
- Kudman, D. I., Kuperman, V. L. - Introducing an automatic line for veneering wood-particle boards. p. 42.
- Zil'bershteyn, G. D. - Introducing an automatic unit for mixing an additional component with the basic product. p. 43.
- Roi, A. A., Karapetian, A. G. - Using plate threshers for threshing castor plant seeds. p. 45.
- Korzhemlakin, A. M. - Using an isothermal tank truck for transporting wine materials. p. 46.
- Krylova, T. P. - Introducing gullotine shears with a pneumatic drive. p. 48.
- Strelkov, I. N. - The N-738 horizontal press for bending corner iron. p. 49.
- Morozov, V. A. - Using the LFM-1 automatic scales in stationary belt conveyors. p. 50.
- Ekk, A. A. - Introducing a flanging machine. p. 52.
- Dorofanov, N. G., Sevast'yanov, S. S. - Improving the producing at the Chelyabinsk Pipe Rolling Plant. p. 54.
- Skomarovskii, S. D., Shipulin, A. T. - Reprocessing scrap metals. p. 56.
- Overall utilization of oil shales. p. 58.
- Introduction of the BGK-17 high-power diaphragm electrolyzer in the chlorine industry of the R. S. F. S. R. p. 59.
- Manuilov, V. V. - Strengthening the connections between science and industrial production in the West Siberian Economic Region. p. 60.
- Kechek, R. I., Litvin, L. I. - Replacing nonferrous metals by plastics in the machinery industry of the North Caucasus Economic Council. p. 62.
- Mikhailov, A. A., Gavrilov, N. P. - Using plastics in the machinery industry of the West Ural Economic Region. p. 64.
- Using the universal decimal classification. p. 65.
- MOSCOW. VSESOIUZNIY INSTITUT NAUCHNOY I TEKH-NICHESKOY INFORMATSI. Nauchno-tekhnicheskaya informatsiya [ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION. Scientific and Technical Information]. No. 6, 1965.**
- Table of contents translated:
- Moskvin, D. D. - Information in the field of the economic sciences. p. 3.
- Kvilydzhe, T. N. - Main directions in the creation of a unified reference and information fund in the Georgian S. S. R. p. 6.
- Smolinov, V. A. - Courses for increasing the qualifications of information workers in enterprises of the North Caucasus Economic Region. p. 7.
- Buryl-Shmar'lan, O. E. - Participation of a scientific, technical, and economic information department in subject planning of the work of a research institute. p. 8.
- Rokhlenko, D. B. - Practices in organizing a photograph collection in the science and technology information department of the Central Research Institute for Mechanization and Power Engineering in the Forest Industry. p. 11.
- Ravina, A. A. - Practices in organizing visits of mixed crews for the purpose of exchanging advanced methods. p. 12.
- Iuganson, A. S. - Committee of reviewers in a plant. p. 13.
- Iatsenko, G. G. - Basic principles in the organization of science and technology sections at the science and technology information centers. p. 14.
- L. Sh. - Interdepartmental Committee on Classification. p. 16.
- Nud'ga, I. S. - Use of foreign literature in a research institute. p. 17.
- Urbanovich, V. V. - Using cards with perforated borders in the Central Office of Technical Information and in enterprises of the Oka Economic Region. p. 18.

- Kulakov, L. V. - Dictionary memory for electronic computers. p. 20.
- Zhukovskii, A. K., Mel'chuk, I. A. - Possible method and instruments of semantic synthesis. p. 23.
- Babitskii, K. I. - Syntactical synonymy of sentences in natural languages. p. 25.
- Liudekanov, A. - State of work on machine translating in the People's Republic of Bulgaria. p. 35.
- Levstein, M. I. - Technology of the preparation of cards with perforated borders. p. 39.

No. 7, 1965

- Table of contents translated:
- Zujus, J., Mikuta, A. - Organization of patent work in the Baltic republics. p. 3.
- Smulyt, A. L. - Improving the qualifications of workers in regional information organs. p. 7.
- Ovchinnikov, N. A. - Unified system of library and bibliographical service for enterprises of the Kazakh S. S. R. p. 8.
- Lopatkina, L. I. - Courses for improving the qualifications of information workers in Latvia. p. 11.
- Korshakov, V. I., Lictov, L. K. - "Construction catalog" as a form of reference book of materials. p. 12.
- Kulaveva, M. K. - Preparation of information cards in a technical research and planning institute. p. 15.
- Manuilov, V. V. - Personal work plans of engineers and technicians in enterprises of the West Siberian Economic Region. p. 16.
- Ioda, M. V. - Public office of technical information at the Odessa Canning Combine. p. 18.
- Sagatovich, N. M. - Linear models of information chains. p. 19.
- Gol'dinov, V. I., Iufanova, I. A., Gorobets, F. M. - Practices in building and using information retrieval systems on cards with perforated borders, punched cards with machine sorting, and superimposed punched cards. p. 25.
- Bellaev, P. G. - "Engineering data" card catalog of cards with perforated borders. p. 30.
- Levinson, L. S., Tsukhal, A. N. - Ways of building memory structures with single recording of repeated information. p. 31.
- Lomkovskaya, M. V. - Calculation producing nuclear Russian sentences. p. 35.
- Thirtieth session of the Council of the International Federation of Library Associations. Rome, September 14-17, 1964. p. 54.

No. 8, 1965

- Table of contents translated:
- Depositing of manuscripts. p. 3.
- Savol'ov, M. A. - Central Institute of Scientific and Technical Information of Railroad Transportation. p. 4.
- Lokshin, I. U. Kh., Afiseva, N. A. - Participation of the scientific and technical section of a scientific research institute in research and experimental design work. p. 7.
- Rozentfel'd, I. E. - Work of the section of technical information and invention in the Moscow Machine Tool and Automated Lines Combine. p. 10.
- Abdullin, R. G. - Publication of technical leaflets. p. 14.
- Krasnov, P. M. - Using science and technology motion pictures in promoting advanced production practices. p. 17.
- Dorozov, V. A. - Adherence of the U. S. S. R. to the Paris Convention for the Protection of Industrial Property and the tasks of information organs. p. 19.
- Gorbatenko, G. M. - Forms and methods of promoting advanced practices at the S. M. Kirov Machine Tool Plant in Tiflis. p. 23.
- Korshak, I. I. - Tours for the exchange of production experience are the most effective sources of technical information. p. 24.
- Kuznetsov, O. A., Khromov, L. N. - System of the differentiated distribution of information by the use of punched card machinery. p. 25.
- Sevbo, I. P. - Method of automatic annotation of texts. p. 32.
- Rataeva, I. I. - Algorithmization of the search for semantic connections. p. 35.
- Iankovskii, I. A. - Work of the Czechoslovak Institute of Technical and Economic Information. p. 45.

MOSCOW. VYSTAVKA DOSTIZHENIY NARODNOGO KHOZAIYSTVA SSSR. Informatsionnyi biulleten' [EXHIBITION OF ACHIEVEMENTS OF THE NATIONAL ECONOMY OF THE U. S. S. R. Information Bulletin]. No. 10(30), Oct. 1963.

- Table of contents translated:
- Regulations concerning the participants of the Exhibition of Achievements of the National Economy of the U. S. S. R., conditions and order of their selection, registration, and awards. p. 1.
- Kotomkina, A. I. - Use of progressive additives for fuels and lubricants. "Petroleum and Gas" pavilion. p. 5.
- Grimberg, A. M. - Nuclear physics methods for a simplified analysis of mineral raw materials. "Geology" pavilion. p. 5.
- Dorovitskii, V. N. - Apparatus of low-voltage communication systems and their standardization. p. 6.

- Troitskaya, N. K. - Pumping machinery and compressor equipment. p. 6.
- Activities in scientific and technological propaganda. p. 8.
- Mechanization and automation of production processes in the dairy industry, seminars. p. 10.
- Mechanization and automation of production processes in the meat industry, conference. p. 11.
- New exhibits. p. 12.
- Osankina, I. R. - Fertilizers. "Feeds" pavilion. p. 14.
- Gol'dberg, S. G. - Agrochemical laboratory of the Exhibition of Achievements of the National Economy. p. 15.
- Danilova, G. V. - Use of sugar beets in the fattening of swine. p. 16.
- Progressive techniques in the irrigation of agricultural crops. p. 17.
- Special item exhibitions and shows, agriculture. p. 17.
- Electronic computers for builders; "Mechanization of engineering calculations in building" pavilion. p. 26.
- Khalevskoi, S. I. - Argon arc welding of piping under assembly conditions. "Power Engineering" pavilion. p. 27.
- Rubleva, B. A. - Industrial methods and newest structures in harbor construction. p. 28.
- Stepanova, V. S. - Improved large-panel building construction and the quality of apartment houses. p. 30.
- Volkova, A. L. - Earthwork in winter season. p. 31.
- Special item exhibitions and shows, construction industry. p. 33.
- Special item exhibitions and shows, public health and education. p. 36.
- News reviews, information. p. 39.

No. 9, Sep 1965

- Table of contents translated:
- Editorial. The road from exhibition to production should be shorter. p. 2.
- Korshakov, V. - Carrying out the resolutions of the party. p. 3.
- Mednikov, V. - Serving the technological progress. p. 7.
- Ambatsumian, N. - Leader of fashion in knit goods. p. 9.
- Daydov, A. - Transportation in construction. p. 10.
- Turgeneva, M. - Parts made from wood. p. 13.
- Tarasov, L. - Apply advanced progressive methods in rural electrification. p. 13.
- Il'in, N. - Vacuum smelted metals shown for the first time at the Exhibition of Achievements of the National Economy. p. 14.
- Dominikala, G. - New structures and finishing of textile fabrics. p. 16.
- Don't rest on the achieved. p. 17.
- Kaliadina, L. - Remote control application in industry. p. 19.
- For you, builders! p. 21.
- Dobryanikova, D. - Visiting with progressive stock breeders. p. 23.
- Fresh grapes the year round. p. 25.
- Omeltchenko, A. - Millet, a profitable crop. p. 26.
- Mironenko, A. - Industrial production of the "Progress" fodder. p. 28.
- Il'ina, N. - "Blossoming" pavilion. p. 29.
- Record breakers at the Exhibition of Achievements of the National Economy. p. 30.
- Potato harvesting "KKU-2" combine. p. 31.
- The TZK-30 potato conveyor and loader. p. 31.
- Dedkov, S. - Synthetic diamonds. p. 32.
- Kulakova, T. - Use of isotopes in cancer treatment. p. 33.
- Pomelova, T. - Call number "03". p. 33.
- Nazykulov, N. - Gamma spectrometer for boreholes. p. 34.
- Zelitsen, M. - Using a creative approach in the propaganda of technological innovations. p. 38.
- Autinov, N. - Universal Decimal Classification Index. p. 38.
- Kartashova, I. - Attention! The "Soviet Culture" Pavilion speaking and showing. p. 40.

NAUKA I TEKHNIKA [SCIENCE AND TECHNOLOGY]. Issued by Gosudarstvennyi komitet Soveta Ministrov Latvii Latvii SSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the Latvian S. S. R. for the Coordination of Research] and others. Riga, nos. 8(51)-9(52), Aug.-Sep. 1965.

OBZOR POL'SKOY TEKHNIЧЕСКОY LITERATURY. POLISH TECHNICAL ABSTRACTS. Issued by Centralnyy Institut informatsii nauko- i tekhnicheskoy ekonomicheskoy [Central Institute of Scientific, Technical, and Economic Information]. Warsaw, no. 2(58), 1965.

PROFESSIONAL'NO-TEKHNIЧЕСКОE OBRAZOVANIE [VOCATIONAL TECHNICAL EDUCATION]. Organ of Gosudarstvennyi komitet po professional'no-tekhnicheskomu obrazovaniiu pri Gosplane SSSR [State Committee for Vocational Technical Education. Attached to the State Planning Committee of the U. S. S. R.]. Moscow, vol. 22, no. 9(244), Sep. 1965.

Table of contents translated:

Bulgakov, A. A. - Twenty-fifth anniversary of the state system of vocational and technical education. p. 3.

- Diobysheva, N. S. - Worthy successors. p. 6.
 Alzen, B. - Workers' dynasty. p. 7.
 Voronov, F. - Our reliable reserves. p. 9.
 Salonov, I., Borisov, U., Dement'ev, M. - Enthusiasm and exactness, thoughts about our work. p. 11.
 Kuz'min, V. - Elite of the "Dynamo" plant. p. 14.
 War years... p. 15.
 Levina, I. - Memory of a hero is still alive. p. 16.
 Novikov, L. - Ivan Velikodnyy, a farmer's son. p. 17.
 Teacher of grain growers. p. 18.
 Uspenskiy, B. - Always on the front line. p. 19.
 Kaspushchenko, V. - When the heart is young. p. 23.
 First vocational schools in Russia. p. 24.
 Smirnov, G. - Trial and error. p. 25.
 Shindler, V. - Museum of combat glory in a school. p. 26.
 Foremen by vocation. p. 27.
 Iur'ev, V. - "Good day, Ivan Ivanovich!" p. 29.
 Youth and sports, a wonderful alloy. p. 31.
 Iakovlev, D. - Psychological aspects of physical education. p. 32.
 Help of a friend. p. 33.
 Fateev, P., Kudashkin, P. - We are improving the methods of laboratory work. p. 36.
 Volkov, A. - Training device for locksmith work. p. 39.
 Los', A. - Lectures in a school. p. 40.
 Zhuchenko, I. - Art of conversation. p. 41.
 Miroshnichenko, D. - Reader's letters on aesthetic training. p. 42.
 Ashevskiy, V. - Methodological work at a plant. p. 43.

REFERATIVNYI ZHURNAL METROLOGII I IZMERITEL'NAIA TEKHNIKA (Olden'nyi vypusk 32) [JOURNAL OF ABSTRACTS, MEASUREMENT AND MEASUREMENT TECHNIQUES (Separate Issue 32)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, Sep. 1965.

TEKHNIЧЕСКАЯ ЭСТЕТИКА (INDUSTRIAL AESTHETICS). Issued by Vsesoyuznyi nauchno-issledovatel'skii institut tekhnicheskoi estetikii [All-Union Scientific Research Institute of Industrial Aesthetics]. Moscow, vol. 2, no. 8, Aug. 1965.

- Table of contents translated
 Solov'ev, I. U. - Results of the work in the field of industrial design and ways to improve it. p. 1.
 From public reports of the heads of the delegations of socialist countries:
 M. Khasymyski (People's Republic of Bulgaria). p. 7.
 M. Kolm (German Democratic Republic). p. 7.
 S. Szidlovskaya (Polish People's Republic). p. 10.
 B. Horak (Czechoslovakian S.S.R.). p. 10.
 V. Rikhter (Socialist Federal Republic of Yugoslavia). p. 11.
 Roskov, V., Shokhov, B., Polukhov, I. U. - Effect of the method of drawing working sketches on the quality of the shape of the product. p. 12.
 Nefedov, V. - Industrial esthetics and flight safety. p. 15.
 Pechikova, T. - New types of textile runner tugs. p. 17.
 Treskinksi, S. - Design and aesthetics in road construction. p. 20.
 Babkov, V., Nikolaevskiy, G. - Efficient design of automobile treads. p. 24.
 Kerskii, E. - Industrial design at the Poznan Fair of 1965. p. 26.
 Kolm, M. - Industrial design at the Leipzig Fair of 1965. p. 28.
 Fourth International Congress of the International Council of Societies of Industrial Design (ICSID). p. 3 of cover.
 Regional Conference on Industrial Design in Rostov-on-Don. p. 3 of cover.

TEKHNIKA - MOLODEZH [TECHNOLOGY FOR YOUTH]. Issued by Tsentral'nyi komitet Vsesoyuznogo Ionskogo kommunicheskogo soluzha molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 9, Sep. 1965.

TOMSK, POLITEKHNIЧЕСКИЙ ИНСТИТУТ ИМЕНИ КИРОВА. Izvestia [KIROV POLYTECHNIC INSTITUTE. Bulletin]. Vol. 100, 1962.

- Table of contents translated
 Flalko, E. I. - Some statistical characteristics of meteors observed by radar. p. 4.
 Flalko, E. I., and others. - Some results of radar observations of meteors in Tomsk in 1957-1959. p. 16.
 Flalko, E. I., Saenko, A. V. - Radar observations of meteor activity in Tomsk according to the International Geophysical Year program in 1957. p. 20.
 Flalko, E. I., Kalinichenko, G. L. - Distribution of intervals between radar echoes from meteors. p. 28.
 Nemirova, E. K. - Characteristics of radio echoes from meteors at the observation of the resonance effect of wave length $\lambda = 10$ m. p. 35.

- Flalko, E. I. - Intensity of the signal reflected from meteor trail under conditions of severe diffusion. p. 41.
 Flalko, E. I. - Distribution of radio reflections from meteors by duration. p. 54.
 Nemirova, E. K. - Resonance scattering of radio waves by paraboloid meteor trails. p. 75.
 Flalko, E. I. - Positive and occasional radio detection of steady meteor trails. p. 85.
 Flalko, E. I. - Radio detection of unsteady meteor trails under photorecording conditions. p. 101.
 Flalko, E. I. - Radio detection of steady meteor trails under integration conditions. p. 112.
 Serafinovich, L. P. - Effect of cosmic noises on the number of meteors detected in one hour. p. 118.
 Flalko, E. I. - Relationship between the average number per hour of detected meteors and the frequency of pulse emission by the radar. p. 124.
 Glazov, G. N. - Accounting for the effect of cosmic noises on the number of radar detected meteors. p. 128.
 Serafinovich, L. P. - Determining the level of external interferences on wave lengths from 1 to 30 m. p. 134.
 Flalko, E. I. - Recording conditions of various type ionized meteor trails. p. 140.
 Flalko, E. I. - Selective properties of the radar observations of meteors. Pt. 2 steady trails. p. 145.
 Flalko, E. I. - Methods for separating radio reflections caused by meteors of a shower. p. 152.
 Kolesov, A. N. - Unit for determining the velocity vector of a faint meteor. p. 155.
 Didenko, A. N., Vorob'ev, A. A., Kovaleva, E. S. - Wave-guide cyclic electric accelerator. p. 162.
 Kovaleva, E. S., Ol'shanskii, A. P., Padusova, E. V. - Device for measuring the relative intensity of an electric field in resonant cavities. p. 170.
 Solomonov, Sh. I. - The EVM-2 moisture-content meter for lumber. p. 174.
 Veselkov, I. A. - Stabilization of the current phase in a transmitter antenna by means of reactive high frequency feedback. p. 180.
 Veselkov, I. A. - Stability of the antenna-transmitter system covered by the reactive feedback. p. 186.
 Veselkov, I. A. - Stabilization of the current phase in the antenna of a long wave transmitter by means of complex high frequency feedback. p. 190.

Vol. 118, 1963.

- Table of contents translated:
 Akulov, V. I. - Adjusting an underground connection polygon in orientation through two vertical mine shafts. p. 3.
 Bol'shanin, B. I., Reiman, I. A. - Operations with multiple-digit numbers. p. 10.
 Volkov, A. I. - The new TGO and TGS mine theodolites. p. 10.
 Gushchin, G. N. - Selection of seats for special (departmental) topographical surveys. p. 53.
 Gushchin, G. N. - Methods of standardizing theodolites used in determining the temperature of measuring tapes. p. 61.
 Lysov, G. F. - Nomograms for determining average errors due to the incorrect centering of theodolites and signals in the measurement of horizontal angles. p. 70.
 Lysov, G. F. - Tables of increase of coordinates for mine surveyors. p. 74.
 Krutol, B. F. - General aspects of the correlations of connections in adjusting planimetric radial networks and subsequently resulting problems. p. 76.
 Krutol, B. F. - Main forms of conditions emerging in planimetric radial networks. p. 81.
 Krutol, B. F. - General methods of solving basic computation problems on the surface of the earth's spheroid. p. 102.
 Bol'shanin, B. I. - Errors of centering during sighting at short directions. p. 113.
 Elizarov, V. M., Buzuk, R. V. - High-precision geometrical leveling at short distances. p. 119.
 Lysov, G. V. - Problems of selecting the size of the bob and the diameter of the wire in the orientation of a mine. p. 123.
 Lysov, G. F. - Laboratory and theoretical studies on the accuracy of adjoining to the alignment of plumb lines depending on the cross section of the wire. p. 129.
 Lysov, G. F. - Empirical formulas expressing pressure of the air currents on the plumb bob wire by the velocity of the air flow and the diameter of the wire. p. 138.

b. AERONAUTICS

KAZAN, AVIATIONNIY INSTITUT. Trudy [AERONAUTICAL INSTITUTE. Transactions]. No. 82, 1964.

- Table of contents translated:
 Dymekii, V. N. - Theory of the synthesis of antennas with volume distribution of sources. p. 3.

- Miroshnikov, A. I., Vlasov, M. R., Belavin, V. A. - Oscillographic equipment for recording characteristics of electrochemical converters. p. 27.
 Nigmatullin, R. Sh. - Theory of the electrolytic diode. p. 34.
 Nigmatullin, R. Sh., Belavin, V. A. - Electrolytic fractionally differentiating and integrating single-terminal pair. p. 58.
 Popovkin, V. I. - Synthesis of the linear system of discrete emitters by a given directivity diagram. p. 67.

MOSCOW, AVIATIONNIY INSTITUT IMENI SERGO ORDZHONIKIDZE. Trudy [SERGO ORDZHONIKIDZE AERONAUTICAL INSTITUTE. Transactions]. No. 161, 1965. Sistyemy orientatsii i navedeniya letatel'nykh apparatov [Aircraft orientation and guidance systems], no. 1.

- Table of contents translated
 Pomykaev, I. I. - Vertical and the relative equilibrium of a mathematical pendulum. p. 5.
 Pomykaev, I. I. - Relative equilibrium of a physical pendulum in the general case of a movement of its fulcrum. p. 16.
 Pomykaev, I. I. - Fundamentals of the theory of inertial measurement of aircraft acceleration. p. 23.
 Pomykaev, I. I. - Inertial measurement of aircraft acceleration relative to earth. p. 56.
 Vovchenko, N. I. A. - Designing an inertial navigation system. p. 70.
 Pomykaev, I. I. - Determining the transfer ratio and regular error of an air-speed meter. p. 86.
 Repnikov, A. V. - Optimization of nonlinear servo-systems of gyroscopic devices. p. 96.
 Repnikov, A. V. - Improving transient characteristics of relay systems of the second degree. p. 107.
 Vovchenko, N. I. A. - Characteristics of an integrating accelerometer with a differentiating back coupling. p. 120.
 Antonov, S. I. - Modern gyroscopic instruments and prospects of their development. p. 128.

REFERATIVNYI ZHURNAL AVIATIONNIY I RAKET-NYE DVIGATELI (Olden'nyi vypusk 34) [JOURNAL OF ABSTRACTS: AIRCRAFT AND ROCKET ENGINES (Separate Issue 34)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, Sep. 1965.

*RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestia vyssheikh uchelnykh zavedenii, aviatsionnaya tekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Aviation Engineering]. Moscow, vol. 7, no. 3, 1965.

- Table of contents translated:
 Belik, N. P. - Calculating wave processes in complex piping in case of a periodic variation of the discharge. p. 3.
 Burago, S. G. - Analytic calculation of supersonic axisymmetric ideal gas flow taking vorticity into account. p. 12.
 Kotik, M. G. - Determining some characteristics of airplane spin. p. 22.
 Nasonkin, I. M. - Self-excited vibrations of a helicopter on the ground. p. 32.
 Strazetdinov, T. K. - Optimum control of stochastic processes with distributed parameters. p. 38.
 Akhmed'yanov, I. S. - Thermal deformations of a thin spherical shell subjected to axisymmetric heating. p. 46.
 Vinogradov, R. E., Len'ko, O. N. - Simulating thin-walled structures working in an elastoplastic deformation zone during heating. p. 52.
 Bogomolov, E. N. - Centrifugal gas flow in a gap between rotating disks. p. 59.
 Bolan, N. V., Ershov, V. N. - Calculating the left branch of pressure characteristics of the impeller of an axial-flow compressor. p. 71.
 Igatenko, A. I., Antonov, A. M. - Visualization of transition phenomena in the boundary layer of turbine cascade blades. p. 78.
 Keshev, Kh. V., Latshev, L. A. - Characteristics of surface ionization in a porous partition. p. 83.
 Kuleshov, V. V. - Relation of strength and reliability criteria conformable to the power-transmission elements of an airplane engine. p. 89.
 Liukhchenko, I. S. - Using asymptotic analysis methods in determining the temperature field of turbine blades with longitudinal air cooling. p. 98.
 Topunov, A. M., Tikhonov, B. A. - Selecting optimum parameters for a two-cascade gas-turbine engine. p. 108.
 Topunov, A. M., Kuleshov, I. U. N. - Using the difference method in solving the problem of heat exchange between gas and a turbine blade. p. 119.
 Uvarov, V. V. - Determining the length of the combustion chamber needed for total fuel combustion taking the friction of gas flow into consideration. p. 127.

- Alyshenskii, I. U. M., Kaluzhskii, I. I. - Calculating deformations and stresses in sheet stamping of transversally isotropic materials p. 131
- Kiselev, V. A. - Determining the weight of the longitudinal fuselage set for passenger airplanes p. 136
- Kondratenko, R. M. - Stability of the founding of covering with filler in sandwich constructions p. 144
- Bainboim, A. B. - Investigating the suction power of a labyrinth pump for various fluids p. 151
- Vinogradov, B. S., Ermolae, M. D. - Using the method of equivalent pressure drop in testing pickups of braking temperature p. 157
- Shevelev, A. S. - Determining the precision of distances between axes of machined holes p. 163

c. CHEMICAL TECHNOLOGY

EESTI NSV POLEVIKIVI UURIMISE INSTITUT.

Khimiia i tekhnologiia gornicheskikh slantsev i produktov ikh pererabotki [SHALE RESEARCH INSTITUTE OF THE ESTONIAN S.S.R. Chemistry and Technology of Combustible Shales and Their Products], Leningrad, no. 13, 1964.

Table of contents translated:

- Talve, L. - Use of rod bolting under the conditions of a watered workings roof p. 7
- Allik, A. M. - Effect of vertical cracks on roof stability in the workings of oil shale mines p. 21
- Reinvald, E. - Ways to improve the blasting operations in the stall and pillar system of mining p. 27
- Samlan, I. U. K. - Some problems of the methodology for calculating the ventilation of the chamber block p. 37
- Sits, H. - Determining the bed parameters of the Estonian oil shale deposit p. 43
- Tiro, A., Saarest, K., Laager, V. - Determining the optimum operative capacity of the loading machines for the chamber sections of oil shale mines p. 56
- Tiro, A., Smlnov, G. V., Dykov, O. V. - Investigating the relation between the number of switchings of the crawlers of loading machines and some factors in the stoping chambers of oil shale mines p. 61
- Tiro, A. - Determining the permissible coefficient of failure and overhaul life for the machinery complexes of the stoping equipment in oil shale mines p. 67
- Mikhailenko, M. V. - Clarification of pulp waters in oil shale preparation plants p. 74
- Merila, H. - Results of the study of the elective crushing of oil shales p. 80
- Pelmar, U., Aumap, A., Sheloumov, V. V. - Radioactivity of oil shales and of the products of their processing p. 86
- Saks, A. - Results of the study of the vapor-gas mixture in the No. 1 tunnel oven of the V.I. Lenin Oil Shale Processing Combine p. 93
- Pilk, E., Edimov, V. M., Tulp, M. - Tar recovery from the vapor-gas mixture in the condensation sections of gas producer shops p. 108
- Lille, J. - Comparing the absorption capacity of various absorption oils for the purification of shale gas for public utilities p. 120
- Lille, J., Kundel, H., Bitter, J. - Development of gas chromatography methods for the control of the purification of shale gas for public utilities p. 126
- Lille, J., Kundel, H. - Development of gas chromatography methods for the control of the purification of shale gas for public utilities Report No. 2 p. 132
- Petukhov, E. F., and others. - Studies in the preparation of oil shale gas for the synthesis of ammonia p. 142
- Joonas, R. - Catalytic method for the removal of sulfur organic compounds from oil shale gas p. 152
- Petukhov, E. F., Saarest, K. - Economic expediency of carbamide production in the Estonian S.S.R. p. 160
- Aranovich, I. U. V., Nudelstecher, N. - Studying the composition of gases from the semicoking of oil shales as a possible raw material for organic synthesis p. 165
- Serebrinnikova, N. V., Metsik, R. - Anticorrosive protection of the equipment used in the asenle-soda process of gas purification p. 171
- Metsik, R., Turkson, H. - Study of corrosion in tar waters by means of the polarization curve method p. 179
- Rajavee, E., Moskvilina, K. A., Sipovskii, G. V. - Experience in the preparation of mastics with a base of shale bitumen p. 190
- Metsik, R., Tomberg, A. - Possibility of improving the quality of oil shale phenols recovered from waste waters p. 198
- Pilk, E., Rappu, L. - Distribution of water-soluble phenols in the fractions of condensing tar p. 204
- Kivimaa, H., Sheloumov, V. V. - Distribution of water-soluble phenols in the system shale tar - wash water p. 213
- Kivimaa, H., Sheloumov, V. V. - Recovery of water-soluble phenols from shale tar with the washing method p. 217

- Metsik, R., Tomberg, A. - Some materials on the corrosion of equipment in the shops for waste water dephenolization p. 220
- Sipovskii, G. V., Kamp, R. - Distribution of neutral oils in the system phenolate solution - solvent p. 236
- Sipovskii, G. V., Kamp, R. - Method for determining neutral oils in solutions of benzene fraction phenolates of the tar from oil shale semicoking p. 243
- Lille, J. - Rapid gas chromatography method for analyzing the fractions of shale benzene boiling in the temperature range from 80°C to 150°C p. 248
- Lille, J., Kundel, H. - Use of gas chromatography in the modification of the Tseretjnikov method for determining active hydrogen content p. 254
- Lille, J. - Application of catalytic dehydroxylation in the analysis of shale phenols with the gas chromatography method p. 258
- Lille, J., Murd, A., Kundel, H. - Composition of shale phenols boiling at a temperature up to 300°C and obtained from the tar of various aggregates of the thermal processing of oil shales p. 265
- Murkee, H. - Basic requirements for shale phenols and formaldehyde adhesives obtained from them p. 277
- Murkee, H., Rajavee, E. - Experience in the production and industrial use of KIS-1 adhesives p. 285
- Kalde, L. - Possibility of using tar phenols in the production of sulfo syntans p. 295
- Vasil'ev, M. L. - Possibility of using high-boiling shale phenols in the manufacture of thermosetting phenol-formaldehyde resins p. 303
- Zelenin, N. I. and others. - Developing the method of cold fractionation of shale tar Report No. 6. Cold fractionation as a method for tar preparation p. 312
- Chernysheva, K. V., and others. - Separation of phenols from shale tar by the method of compatible extraction p. 319
- Zelenin, N. I., and others. - Prospects for the oxy-synthesis process based on shale olefins p. 325
- Kozhevnikov, A. V., Bituk, S. M. - Repeated multiple coking of the higher fractions of shale tar p. 333
- Kozhevnikov, A. V., Bituk, S. M. - Coking of chamber oven shale tar and its high residual fractions obtained in vacuum distillation p. 342

FERMENTAIIA I SPIRTOVAIA PROMYSHLENNOST'

[FERMENTATION AND DISTILLING INDUSTRY]. Organ of Gosudarstvennyi komitet po pishchevot promyshlennosti pri Gosplane SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva pishchevot promyshlennosti [State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry], Moscow, vol. 31, no. 6, 1965.

Table of contents translated:

- Pay more attention to the new construction projects of the fermentation and distilling industry p. 1
- Kalunians, K. A., and others. - Growing of mold fungi cultures in the SPK steam dryer p. 4
- Shul'man, M. S. - Inactivation of yeasts p. 6
- Vozzhitskaya, V. A., Malchenko, A. L. - Effect of the protein substances of sugar beets on the viscosity of the prepared mash p. 7
- Faradzheva, A. D., Tedorov, A. F. - Investigating the fermentation processes in the preparation of beer wort p. 10
- Mandel'shteyn, M. L., Trakhtenberg, E. M., Rotkop, L. L. - Static characteristics of the rectifying tower p. 13
- Komarov, A. F. - Rotary air blower and its use in the distilling and fermentation industry p. 18
- Golgar, L. L. - Viscosity transportation of free-flowing materials in the production of ferment preparations p. 23
- Evselchik, B. I., Nikolaeva, I. V., Iuditskii, D. G. - Centralized delivery of carbon dioxide p. 27
- Shtisl'monskii, A. I., Kravets, I. U. M. - Evaporation of methane distiller's wort in the production of vitamin B₁₂ p. 29
- Gus'kova, N. P., Logotkin, I. S. - Selecting the strain of the fodder yeast and additional nutrients in its growing on acetone-butyl mash p. 30
- Purmal, M. I. A., Udovskiy, G. A. - Increasing the yield of chlorotetracycline by means of the modification of the composition of the nutrient medium p. 33
- Rizberg, I. I. - Processing of the wastes and production resources of the Ukrainian distilleries p. 34
- From the experience in the processing of sugar beets to alcohol p. 36
- Iakovenko, V. L., and others. - Processing of sugar beets in a mixture with grain and potato raw materials and molasses p. 37
- Grishko, I. P. - Processing of sugar beets in the raw state with partial boiling out p. 41
- Sivkova, L. N. - Experience in the use of the VAR-6 bottling apparatus p. 42
- Kovnenko, E. I. - All-Union conference of the representatives of the liqueur-vodka and wine making industries concerning the quality of production p. 43
- Boris Ivanovich Sokolov; obituary p. 47

GAZOVAIA PROMYSHLENNOST' [GAS INDUSTRY]

Organ of Gosudarstvennyi proizvodstvennyi komitet po gazovoi promyshlennosti SSSR [State Production Committee for the Gas Industry of the U.S.S.R.] and others. Leningrad, vol. 10, no. 8, 1965.

Table of contents translated:

- Vasil'ev, V. G. - Present status of the development of natural gas reserves p. 1
- Griznov, G. S. - Characteristics of deep drilling in permafrost p. 7
- Kotablin, V. V., Belezmol, I. V. - Testing the performance of horizontal separators in the Mal'tov gas-condensate field p. 12
- Evgen'ev, A. F., Karimov, M. F. - Using gas for expelling water from hydrophilic media of various microporosity p. 17
- Entin, I. A. - Supplying gas to agricultural areas p. 20
- Murzín, V. K. - Using infrared gas burners in poultry farming p. 22
- Vigdnichik, D. I. A., Maevskii, M. A. - Standardization of the design of gas burners p. 26
- Koganson, B. M. - Design of a gas-fired hearth p. 28
- Byk, S. Sh., Pomin, V. I., Skur'lat, F. N. - Data on the equilibrium of the hydrates of propylene and its mixtures p. 30
- Abad'zhev, S. S., Shevchuk, V. U. - Reaction kinetics of high-temperature acetylene conversion p. 33
- Rakhmievich, Z. Z., Rotte, A. E. - Simplified graphs showing the capacity of 10GK gas-motor compressors p. 39
- Gusev, A. A., and others. - Determining condensate accumulations in gas pipelines by a radiometric indicator p. 42
- Timakov, A. V. - Testing piston compressors for 197 mm. compressors (cylinders) p. 45
- Krosko, A. N. - New equipment for communication systems of gas pipelines p. 47

GIDROLIZNAIA I LESOKHIMICHESKAIYA PROMYSHLENNOST'

[HYDROLYSIS AND WOOD CHEMISTRY INDUSTRY]. Issued by Gosudarstvennyi komitet po lesnoi, tsellulozno-bumaznoi, derevobitvatel'skoi promyshlennosti i lesnomu khoziaistvu pri Gosplane SSSR and Tsentral'noe pravleniye NTU bumaznoi i derevobitvatel'skoi promyshlennosti [State Committee for the Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industries], Moscow, vol. 18, no. 6, 1965.

Table of contents translated:

- Improvement of the design and planning in the hydrolysis and wood chemistry industry p. 1
- Likhonos, E. P., Korol'kov, N. I. - Analyzing the invasion of wood hydrolyzates p. 3
- Gazanchilants, M. G., and others. - Apparatus for the processing of finely dispersed vegetable materials p. 5
- Zagor'ko, A. M., Zaid, R. G. - Burning of natural lignin with increased initial moisture p. 6
- Maslennikov, A. S., Poznyayeva, G. N. - Determination of acetone in the presence of aldehydes p. 10
- Maslov, A. M. - Heat emission in plate heat exchangers under transient conditions p. 12
- Rakitin, V. U., Steplekov, K. A. - Studying the coloring of dry yeast p. 13
- Sakharov, B. V. - From the experience in the optimization of work p. 14
- Ivanova, M. T. - Eliminate the shortcomings in work organization p. 15
- Zintna, M. A. - Production of fodder yeast from kombu scutch p. 15
- Naumenko, I. L. - New system for blocking the top lid of a hydrolysis apparatus p. 18
- Popandopulo, M. K. - Improving the production of wood chemicals p. 19
- Al'bin, E. S. - New proportioner for the chemical hack spray gun p. 21
- Riganov, V. P. - From the experience in the processing of sulfite liquor from pulping with various bases. Report No. 2. Improving the yeast and concentrate production p. 22
- Research papers awarded prizes at the contest organized by the Scientific and Technical Society p. 24
- Garber, B. M. - Providing the hydrolysis plants of Western Siberia with raw materials from wood wastes p. 26
- Finkel', A. I., and others. - Automation of dumping carts for the charging of hydrolysis apparatus p. 28
- Pravkin, G. A. - Problems of hydrolysis in the problems of general chemistry; from the materials of the Ninth Mendeleev Congress on General and Applied Chemistry p. 30
- In the Scientific Council on the Problems of the Utilization of Pentosan-Containing Raw Materials p. 31
- Aglahev, V. K. - On the agenda - mechanization of the processing of resinous wood p. 32

- CRUDE AND VULCANIZED RUBBER** Gosudarstvennyi komitet po khimii i Vsesoyuznoe khimicheskoe tseli. Mendeleeva [State Committee Attached to the State Planning Commission, U.S.S.R., and the D.I. Mendeleev Society], Moscow, vol. 24, no. 5, 1985.
- Contents translated:
- rubber, V.N., Kuz'minskii, A.S. - Effect of various siloxane raw rubbers on their base in a vacuum at temperatures 250°C to 500°C. p. 1.
- Zakharov, N.D., Agafonova, K.I. - Molecular weight of epoxy resins on the chloroprene rubber. p. 6.
- Polosnikov, V.P. - Contactless control of continuous production of compounds with preparation of compounds with electron computer elements.
- others. - Effect of 03-2 alkamono of polar rubbers. p. 14.
- lovskaia, A.F. - Effect of tetra-sulfide on the ozone and photo-oxidation. p. 18.
- A. - Diatomite and its use in the rubber footwear. p. 20.
- and others. - Effect of filling on the dielectric properties of the rubber. p. 22.
- stopadov, M.V. - Use of diatomites in the reprocessing synthetic rubber. p. 24.
- Round cross-section ring pack-
- Bartenev, G.M. - Characteristics of rubber in rubber-metal valves.
- others. - Study of the limits of the of stresses in the stretch deformation. p. 38.
- electric driving of industrial rubber
- molodtseva, N.N., Rentsova, A.M. - Setting the expenditure norms of resins in the production of technical rubber. p. 40.
- new vulcanization press. p. 44.
- and others. - Continuous action for free flowing materials. p. 46.
- Experience in the introducing of or clutches in the Bobruysk Factory rubber goods. p. 49.
- and others. - Compound for the lining of the inside surface of tanks, lining of vulcanizer operators.
- and others. - Quantitative spectral titanium dioxide in rubber composites.
- aluminum competition of the collective of prizes of the tire industry during
- MYSHLENNOST' [CHEMICAL INDUSTRY]** Gosudarstvennyi komitet khimii i Vsesoyuznoe khimicheskoe tseli. Mendeleeva [State Committee Attached to the State Planning Commission, U.S.S.R.], Moscow, vol. 41, no. 8, 1985.
- Contents translated:
- Essence of simultaneous criteria.
- insoluble, V.I. - Synthesis of the acrylic acid in the presence of KU-2 resins as catalysts. p. 508.
- and others. - Kinetics of phenol oxidation. p. 509.
- Ovechinnikov, V.A., Khamanashvili, B.I.A. - Production of peracetic acid (trichloromethanesulfonyl). p. 513.
- Bocharova, E.M. - Ammonolysis of fractions of C₇ - C₉ and C₁₀ - C₁₂ alkanes. p. 578.
- sil'eva, Z.A. - Production of isopropionitrile and α , β -unsaturated acid. p. 577.
- Method for obtaining resins from methylol of DDT. p. 579.
- solubility of acetylene, methylacetylene and dicyclopentadiene in n-octane, and others. - Solubility of propylene hydrocarbons. p. 585.
- and others. - Production of technical high-temperature vaporization of petroleum fuels under conditions. p. 587.
- Shakhova, N.A., Bakhtin, L.A., Sokolovskii, A.A. - Drying of the solutions and crystallization of the melts of ammonium nitrate in a fluidized bed. p. 594.
- Fedorenko, N.P., Lipkina, S.G. - Economics of the production of sulfuric acid from sulfur-containing waste gases. p. 597.
- Kononchuk, T.I., and others. - Effect of the addition of polyacrylamide to the brine on the electrolysis process with a mercury cathode. p. 599.
- Popov, G.N. - Wastes from sylvanite flotation as raw material for the production of technical salts. p. 600.
- Lindin, V.M., Kazakova, E.A. - Studying the heat exchange between solid particles and gas in fluidized and fixed beds. p. 604.
- Ivanov, V.A., Planovskii, A.N. - Kinetic calculations of plate towers with the use of the enthalpy diagram. p. 609.
- Aerov, M.E., Nikitina, N.I. - Using the method of electrothermal analogies in the design of a tubular chemical reactor with a fixed catalyst bed. p. 611.
- Vakhushev, I.A. - General equation for the coefficient of drag of particles of various isometric shape during the relative motion in an infinite medium. p. 614.
- Krivonoz, V.N., Aronina, S.E., Ivanovskii, S.M. - Mathematical model of the static characteristics of a commercial ethane-ethylene rectification column. p. 617.
- Mikhailov, V.A., Llamia, A.G., Kogarko, S.M. - Studying the decomposition of acetylene and the flame passage through a packed scrubber at low pressures. p. 621.
- Liakumovich, A.G., and others. - Introducing the process of isobutylene extraction with sulfuric acid from hydrocarbon fractions in the Sterlitamak Plant of Synthetic Rubber. p. 625.
- Abdullayev, R.U. - Recovery of sulfuric acid from the waste gases of lead production. p. 627.
- Vol. 42, no. 9, Sep. 1985.
- Table of contents translated:
- Krinkin, D.P., Rudkovskii, D.M. - Stability of the oxo synthesis process. p. 641.
- TSaillingol'd, A.L., and others. - Investigating the kinetics of the oxidative dehydrogenation of n-butenes to divinyl. p. 647.
- Kotobikhin, V.A., Miasoedov, M.I., Sobolev, V.M. - Oxidative dehydrogenation of n-butenes to divinyl in the presence of iodine and acceptor on a unit with continuous action. p. 651.
- Chaplin, D.N., Sanokhvalova, K.D., Turtayev, I.A. - Calculating the equilibrium of the reaction of liquid phase hydration of isobutylene. p. 653.
- Gushchovskii, A.B., Michurov, I.U.I., Liakumovich, A.G. - Rate and selectivity of the process of isobutylene extraction from hydrocarbon fractions with sulfuric acid. p. 658.
- Penkina, O.M., Bogdanova, O.V. - Removal of cyclopentadiene from iso-pentanes in the presence of aluminum-silicon catalysts. p. 658.
- Ioganson, A.V., Zetenskaya, L.G., Semina, G.N. - Composition of the products of the oxidation of cyclohexane. p. 660.
- Sokolov, N.M., and others. - Experimental industrial production of pharmaceutical cyclopropane. p. 662.
- Vlasenko, V.M., and others. - Changes in the properties of zinc-chromium catalysts during the production of methyl alcohol. p. 664.
- Telegin, V.G., Sidorov, V.A., Kharchenko, A.A. - Operation of a reactor with shielded electric motor in the production of diethyl ethane. p. 666.
- Serobrennaya, I.I. - Vapor-liquid equilibrium in the system ethyl alcohol - allyl alcohol in the presence of water. p. 669.
- Shpunt, S.I.A., and others. - Obtaining phosphoric acid by the decomposition of magnesium-containing phosphorites with fluosulfuric acid. p. 674.
- Atrushchenko, V.I., Ivakhnenko, M.T., Knyazev, V.I. - Studying the sieve plates for the absorption of nitrogen oxides. p. 678.
- Lavrent'eva, N.N. - Need for a revision of the state standards for the products of chemical industries. p. 680.
- Resnikskii, I.G. - Recovery of oleum in the production of contact sulfuric acid according to a short flow sheet. p. 681.
- Lykov, M.V., Iasinovskii, A.A. - Furnace systems for the burning of toxic industrial wastes. p. 682.
- Odintsov, V.A., Matusevich, L.N. - Crystallization of potassium dichromate in a circulating vacuum crystallizer. p. 687.
- Korakov-Bogatkov, S.M. - Automation as a means of optimization of the equipment and technology of the chemical process. p. 691.
- Birjukov, V.V., Kafarov, V.V. - Mathematical models of vapor-liquid exchangers with variable vapor pressure. p. 696.
- Pavlov, V.P. - Circulation of liquid in a bubble apparatus with periodical action. p. 699.
- Investigating the gas content of a bubbling layer for processes with solid phase participation. p. 701.
- Vodlanitskii, O.A., Tsirlin, A.M., Korobkov, E.I. - Application of ultrasonic waves for decreasing deposit formation on the walls of piping systems. p. 703.
- Sas-Tisovskii, B.A. - "History of chemical products and chemical industry in Russia" by P.M. Luk'yanov. p. 710.
- KHIMICHESKOE MASHINOSTROENIE [CHEMICAL MACHINERY MANUFACTURE]** Issued by Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia USSR [Ministry of Higher and Secondary Specialized Education of the Ukrainian S.S.R.], Kiev, no. 1, 1985.
- Processes, machinery, apparatus and automation of chemical industries.
- Table of contents translated:
- Mishchenko, M.I. - Some problems of the design and construction of centrifugal compressors. p. 5.
- Lemberiskii, B.V., Baronbain, A.B. - Determining the efficiency of centrifugal compressors under unsteady conditions with changes in the Mach-M number. p. 13.
- Lukach, I.U.E. - Designing the screws of screw machinery. p. 19.
- Dolinskii, V.M. - Experimental determining of the strength of roll-formed tube joints in the tube plates of heat exchangers. p. 28.
- Mamon, L.I., Shkurnyi, G.I., Lokshin, M.A. - Selecting the optimum hydrodynamic parameters of the work of contact packings. p. 30.
- Zhmal, L.A., Oleviskii, V.M. - Effect of pressure on the mass transfer in tubular film rectification columns. p. 36.
- Riabinskii, D.D. - Studying the extrusion process of plastics. p. 45.
- Tananal'ko, I.U.M. - Studying the effect of fluid consumption and thickness of the overlying film on the coefficient of heat transfer during boiling on a corroded tube. p. 59.
- Chernobyl'skii, I.I., Kochergin, V.L. - Investigating heat transfer in the viscous flow of polymers in straight-line channels with a round cross section. p. 67.
- Chernobyl'skii, I.I., Foshchenko, V.Z., Sidorenko, S.V. - Investigating the drying of incense on a vibratory drying conveyor. p. 74.
- Malenko, K.S. - Theory of the catenoiding of thermoplastics. p. 82.
- Pisachenko, I.A., Skochelias, B.A. - Hydraulic study of the motion of a suspension-carrying flow through horizontal pipe systems. p. 92.
- Georgievskii, I.U.I., Afanas'ev, V.N. - Registering device for determining the technological indices of an aluminum electrolyzer. p. 97.
- Georgievskii, I.U.I., Popov, R.B. - Characteristics of the selection of the regulated magnitude in the automatic control of an aluminum electrolyzer. p. 107.
- Ladiev, R.I.A., Kozanovich, Z.I.A. - Calculating the temperature field in a vapor-liquid heat exchanger taking the variable properties of the heated liquid into account. p. 115.
- Ladiev, R.I.A., Kozanovich, Z.I.A. - Dynamic characteristics of a vapor-liquid heat exchanger taking the changes in liquid parameters into account. p. 120.
- Rudnyi, N.M., Stankevich, R.S. - Remote control of the presence and motion of free-flowing substances in an enclosed piping system. p. 124.
- Rudnyi, N.M., Stankevich, R.S., Neaterchuk, R.I.A. - Determining the granulometric composition of free-flowing substances by means of the pneumatic electric method. p. 130.
- Chokaida, S.G., and others. - Photoelectric level regulators. p. 136.
- *KHIMIA I TEKHNOLGIJA TOPLIV I MASEL [CHEMISTRY AND TECHNOLOGY OF FUEL AND OIL]** Issued by Gosudarstvennyi komitet neftepererabatyvashchei i neftekhimicheskoi promyshlennosti pri Gosplane SSSR [State Committee for the Petroleum Refining and Petrochemical Industry, Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 10, no. 7, July 1985.
- Table of contents translated:
- Bagirov, I.T. - Combined high-capacity unit for the primary distillation of petroleum. p. 1.
- Zel'venskii, I.A.D., Efremov, A.A., Larin, G.M. - Studying the vapor-liquid equilibrium in the systems hydrocarbon - water with the use of the hydrogen-iridium radiolabel. p. 3.
- Krinkin, D.P., Rudkovskii, D.M., Trifai', A.G. - Side reactions in the oxo synthesis process. p. 8.
- Aydoi, A.M., Pokorskii, V.N. - Analyzing the composition of catalysts and studying the phase equilibrium with diethyl glycol. p. 12.
- Vasanova, L.K., Syromiatnikov, N.I. - Heat exchange between particles and gas in a fluidized bed. p. 16.

- Sidorov, R.I., and others - Determining the composition of aromatic hydrocarbons in petroleum fractions by means of gas-liquid chromatography p. 20.
- Leychenko, E.S., and others. - Hydrocarbon composition of gasoline obtained from Maltobek Upper Cretaceous oil p. 24.
- Moshkin, P.A., Rapoport, I.B., Soskin, M.A. - Processing of oxides in the production of synthetic fatty acids without the use of alkalis and sulfuric acid p. 27.
- Lebedeva, N.M., Nesmetov, V.V., Latypov, R.Sh. - Experimental industrial testing of the continuous method of paraffin oxidation p. 32.
- Roganin, F.D., Besitskii, R.M., Gintin, I.U.V. - Control of oxygen-containing products in the process of paraffin oxidation p. 35.
- Keller, A.A. - Pay more attention to the production of lubricating greases p. 38.
- Mardanenko, V.P., Ben'kovskii, V.G. - Methodology for the separation and analysis of the natural emulsifiers of water and petroleum p. 41.
- Sunlayev, Z.I., Akhmetov, S.A., Gimayev, R.N. - Reactivity of petroleum cokes p. 46.
- Klimenko, V.L., and others. - Efficiency of the process of the isomerization of gasoline fractions p. 50.
- Kondrat'ev, A.A., Marushkin, B.K. - Selecting the flow sheet for the rectification of multicomponent mixtures p. 53.
- Martynov, V.M., Morozova, M.V. - Evaluating the duration of the protection of metals against atmospheric corrosion by means of lubricants p. 55.
- Dudilov, I.N., and others. - Experience in the work with IT9-2 and IT9-6 units equipped with DP-60 electronic knockmeters p. 60.
- Fazllov, T.I. - Using the luminescence analysis as a rapid method for the control of the process of petroleum bitumen oxidation p. 63.

Vol. 10, no. 8, Aug. 1965.

- Table of contents translated.
- Osipov, L.N., and others. - Effect of nitrogen compounds on the hydrocracking of heavy distillates p. 1.
- Kurganov, V.M., Gonzalez, A., Karavaev, N.M. - Hydraulic resistance of the layer of granular catalysts p. 4.
- Mikhailov, I.A., and others. - Hydrocarbon composition of dearomatized liquid paraffins p. 8.
- Grishin, A.P., Azizova, M.Kh. - Solubility of paraffin products from the Ozeq-Sat oil in selective solvents p. 12.
- Akhmetova, R.S., Fiazlinov, V.V., Torbeeva, L.R. - Preparation of road bitumen from Arlan oil p. 15.
- Anosov, V.I., and others. - Development of the continuous method for the preparation of polyisobutylene with 10,000 and 20,000 molecular weights p. 19.
- Itskson, L.B., and others. - Use of type NaA synthetic zeolites in the drying of alcohols p. 25.
- Alekseeva, V.A. - Use of ozone for the purification of waste waters p. 27.
- Borisev, G.K., Shn'ko, M.G. - Mathematical modeling of chemical reactors p. 30.
- Selin, M.E., Lavrukhin, D.S. - Use of zeolites for the purification of nitrogen-hydrogen mixtures p. 33.
- Malyshov, I.U.M., Tishchenko, V.E. - Methodology for the analysis of the utilization of capital assets in petroleum processing enterprises p. 34.
- Riabykh, P.M. - Design and planning of new petroleum processing plants as technological complexes p. 40.
- Molokanov, I.U.K. - Calculating the number of crossing steam type plates in distillation p. 42.
- Shegolev, G.G., Trapeznikov, A.A., Astakhov, I.I. - Colloidal and chemical characteristics and microstructure of lithium lubricating greases p. 48.
- Lutova, N.I., Dimov, N., Lenn'eva, S.A. - Selection of liquid phases for high-temperature gas chromatography p. 56.
- Nonhydrocarbon compounds in petroleum products, book review p. 59.
- Golovanova, L.P. - "Concerning the optimization and modeling of processes in petroleum processing and petroleum chemistry" p. 61.

Vol. 10, no. 9, Sep. 1965.

- Table of contents translated:
- Burslian, N.R., and others. - Using isoparaffinic components and catalytic reforming gasoline in the production of high-octane automobile fuels p. 1.
- Liskunovich, A.G., and others. - Design and calculation of the absorption part elements for isobutylene recovery by sulfuric acids of various concentration p. 5.
- Pokorskii, V.N., Iablochikina, M.N. - Extraction of aromatic hydrocarbons from reforming catalyzates with aqueous triethylene glycol p. 9.

- Gvozdevskii, G.N. - Effect of isopropanol and ethyl acetate additives on the oxidation of the straight-run distillation gasoline fraction boiling between 35°C and 62°C p. 12.
- Mozozov, B.F., and others. - Ways of reducing the consumption of catalysts in the cracking of heavy crudes p. 14.
- Kuliev, R.Sh., Kevorkova, I.S., Aktamova, I.A. - New Azerbaidzhan oils as raw material for the production of lubricants p. 18.
- Sadykhov, K.I., Kizimov, A.A. - Preparation of the SK-3 additive on an industrial unit p. 22.
- Konopliannik, M.M., Mitskevich, N.I. - Decarboxylation and decarbonylation in the autooxidation of liquid paraffin hydrocarbons in the presence of various initiating additives p. 24.
- Maminov, O.V., Lebedeva, N.M. - Analyzing the work of industrial units with continuous action for the oxidation of paraffin in a foaming state p. 28.
- Karalibov, E.Y., and others. - Paraffins from Volgograd crudes for the production of synthetic fatty acids p. 31.
- Molisekov, S.F., Rakintseyn, V.E. - Method for selecting demulsifiers p. 33.
- Golonshtok, I.S. - Norms for the distribution and spacing of fire prevention equipment in the petroleum industry p. 37.
- Gazanchants, M.G., Martushin, I.G., Pianovskii, A.N. - Mixing of gas in apparatus with a fluidized bed and stepped sieve plates p. 38.
- Englin, B.A., and others. - Solubility of water in individual hydrocarbons p. 42.
- Adamenko, S.P., Tsaregradskii, V.A. - Changes in the properties of crankcase oil in engines operated with high sulfur fuel p. 46.
- Shmitsyn, V.V., Vasil'eva, L.S. - Viscous properties of lubricants and energy losses in roller bearings p. 50.
- Valsberg, K.M., and others. - Using gas chromatography and molecular spectroscopy in the quantitative analysis of naphthalene hydrocarbons C₁₀ - C₁₂ p. 53.
- Berezkin, V.G., Pakhomov, V.P. - Preparation of sorbents for the gas-liquid chromatography p. 58.

KHOLODIL'NAIA TEKHNIKA [REFRIGERATION ENGINEERING]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut Khodil'noi promyshlennosti [All-Union Scientific Research Institute of the Refrigeration Industry]. Vol. 12, no. 4, July-Aug. 1965.

- Table of contents translated:
- Raman, M.L. - Development of refrigeration in the Latvian S.S.R. p. 1.
- Strizh, A.A., Sergeev, V.S. - Refrigeration in the Estonian S.S.R. and prospects for its development p. 5.
- Vavrentuk, V.M. - New automation devices manufactured by the Tartu Instrument Plant p. 7.
- Gindlin, I.M. - Refrigeration system of the cold storage warehouse of the Vilnius Meat Combine p. 11.
- Shmyglin, A.A., Vodnitskaya, N.I. - Experimental study of the motion of the plates of compressor valves p. 14.
- Nae, V.A. - Effect of the geometric dimensions of the thermocouples on the characteristics of semiconductor system refrigeration plants p. 19.
- Pedani, G.P. - Corrosion of the aluminum parts of domestic refrigerators p. 22.
- Danilova, G.N., Bel'skii, V.K. - Studying the heat transfer in the boiling of Freons 113 and 12 on pipes with various roughness p. 24.
- Tsytkov, O.B. - Heat conduction of liquid Freons of the methane and ethane series p. 28.
- Onosovskii, V.V., Il'in, A.I.A. - Thermodynamic analysis of the processes of a reverse cycle absorber p. 31.
- Kofer, V.N., Tsirel'man, N.M. - Heat and mass transfer in air coolers with rounded fins p. 36.
- Rotenberg, A.G., and others. - Automatic refrigeration system for chilled meat storage chambers p. 40.
- Kozlova, L.I., Sidorova, E.A. - Changes in the quality of creamery butter during refrigerated storage in various packaging p. 48.
- Lifanov, B.V., Khelomskii, A.M. - Foam concrete and mineral cork insulation shields for refrigerators p. 48.
- Kelvis, A.V. - In the Cold Storage Warehouse No. 2 in Riga p. 51.
- Simonov, N.N. - Using electric heating for the removal of frost accumulation from the batteries of air conditioners and coolers p. 52.
- Simonov, N.N. - Automatic counter of the operating time of equipment p. 54.
- Shima, A.V. - Electron-tensometric weighing of milk and ice-cream mixtures in tanks p. 54.
- Veger, L.A. - Magnetic liquid level relay with float pickup for railroad transportation p. 57.
- Temkin, E.N. - Protection of electric motors against operation on two phases p. 59.
- Potrukhin, I.U.M. - Devices for the assembly and dismantling of compressor crankshafts p. 60.
- P.A. Alekseev; obituary p. 61.

- Kaplan, L.G. - Maintenance of refrigerating machinery with hermetic FGK type units p. 62.
- Kalinin, N.V. - Use of 4-c diagrams for thermodynamic calculations p. 69.
- Maksimov, P.S. - New harbor cold storage warehouse in Vladivostok p. 71.
- Apply new equipment and techniques for the production of ice cream p. 72.
- All Union Seminar in Crimea p. 73.
- Lukov, G.P., Postnikov, L.L. - Magnetic material for the sealing of refrigerator doors p. 73.
- Veinberg, B.S. - New design of compressor type domestic refrigerators p. 77.

KHOLODIL'NAIA TEKHNIKA I TEKHNOLOGIYA [REFRIGERATION EQUIPMENT AND TECHNOLOGY]. Issued by Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Ministry of Higher and Secondary Specialized Education of the Ukrainian S.S.R.]. Kiev, no. 1, 1965.

- Table of contents translated:
- Nae, V.A., Garachuk, V.K. - Testing of semiconductor coolers for transistors p. 3.
- Nae, V.A. - Effect of electric and thermal contact resistance on the characteristics of semiconductor batteries p. 9.
- Spokoiny, I.U.E., Vainer, A.I., Chaplik, Y.M. - Semiconductor thermal for radiotermistor systems p. 16.
- Vikhov, G.A. - Selecting the optimum current density for thermoelectric refrigeration systems on the basis of a technical and economic analysis p. 19.
- Vikhov, G.A., Semenluk, V.A. - Effect of the thermal e.m.f. on the characteristics of semiconductor batteries fed by their rectifiers p. 24.
- Nikol'shin, R.K. - Small cascade system refrigerating machine p. 29.
- Chelikh, V.T. - Fields of application for two-stage system refrigerating machinery p. 33.
- Likhitskii, G.V., Redenskii, B.A., Berlad, V.P. - Methods for increasing the wear resistance of the cylinder casing of Freon refrigerating compressors p. 38.
- Savkov, K.I., Chalkovskii, V.F. - Determining the angular velocity of the shaft of refrigerator compressors p. 43.
- Mel'nikov, I.Z., Dremikh, T.S. - Device for the experimental study of the properties of Freon and lubricant mixtures p. 48.
- Kuznetsov, A.P., Granik, Ch.B. - Nomograms of the working parameters of a low-temperature two refrigerant system refrigerating plant p. 54.
- Zhadan, S.Z., Krasuk, L.S., Stepanova, I.A. - Rated characteristics of Freon ejectors p. 61.
- Minkus, B.A. - Dual temperature refrigeration system with a jetback-pressure compressor p. 69.
- Filippov, P.K., Moskovchenko, V.V. - Investigating ice-making machines for layer freezing of block ice p. 73.
- Chuklin, S.G., Nikol'shina, D.G. - Selecting the efficient design of the elements for panel cooling systems p. 77.
- Dudnik, D.M., Rogoval, S.N. - Experimental testing of refrigerator automobiles p. 80.
- Barenboim, A.B. - Conditions of the modeling of cavitation phenomena in refrigerant pumps p. 85.
- Barenboim, A.B., Pecherskaya, I.M. - Some results of the cavitation testing of pumps with refrigerant p. 104.
- Zhadan, V.Z., Klychkova, L.V., Doronova, L.A. - Development of the parameters of industrial air conditioning p. 111.
- Chumak, I.G., Zubaty, A.G. - Determining the shrinkage of meat during freezing p. 116.
- Matskanov, G.K. - Automatic differential temperature regulator p. 124.

*KOKS I KHIMIA [COKE AND CHEMISTRY]. Organ of Gosudarstvennyi komitet po khimii i tekhnol. metal-lurgi pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, no. 9, 1965.

- Table of contents translated:
- Didenko, V.E., Dmitriev, M.M. - Improve the quality of coke and coal chemicals production to reach the level of present-day requirements p. 1.
- Dukakov, A.G., and others. - Coke produced from charge with 35 per cent gas coals and its testing in a 2002 m³ capacity blast furnace p. 6.
- Beletskii, V.G. - Coal resources for the coking plants in the South and the quality of coal charges p. 7.
- Belov, K.A., Birlukov, I.U.V., Nesterenko, I.I. - Separation of the coal plastic mass into mobile fluid and solid phase p. 9.
- Kutelnets, M.S., Gal'nov, N.S. - Determining the nonsaturation of the organic mass of coal p. 13.
- Elenkii, T.Z., Belichenko, A.G., Chernyshev, I.V. - Improving the accuracy of charge proportioning p. 17.

- Danilov, V. L., Manevich, E. N. - Automation of production processes in the coal preparation shops. p. 19.
- Shatenshtein, V. G., Bychev, M. I. - Measuring the heat flow to the coal charge in coke ovens. p. 25.
- Bykov, A. N., and others. - Effect of the temperature along the axis of the coke cake on the vertical shrinkage. p. 30.
- Semisalov, L. P., Iulik, I. A. - Mechanical strength of coke and methods of its evaluation. p. 35.
- Eidelman, L. I. A., Pilsedskii, V. V. - Effect of the length of time between caking on the intensity of heat transmission in the checkerwork of coke oven regenerators. p. 38.
- Aivonko, D. D. - Some changes of the technological layout of the sulfate shops. p. 42.
- Litvinov, B. D., Zosimovich, I. U. P., Kibets, I. A. - Use of pneumatic mixers in saturators. p. 46.
- Butuzov, M. D., and others. - Automation of ammonia recovery systems. p. 47.
- Silka, A. N. - Use of coaxial cables in automation system pickups. p. 50.
- Pol'skii, E. M. - Dispatches: control of technological processes in the coke and coal chemicals industry. p. 51.
- Leites, V. A., Lozanov, I. F. - Some problems of ergonomics in the coke and coal chemicals industry of the Ukrainian S.S.R. p. 51.
- Behnson, I. D., and others. - Analytical method for determining labor input per unit of production in the coke and coal chemicals industry. p. 59.
- On the occasion of the 60th birthday of Konstantin Alekseevich Belov. p. 64.
- KONSERVNAIA I OVOSHCHESUSHIL'NAIA PROMYSHLENNOST' [THE CANNING AND DEHYDRATED VEGETABLE INDUSTRY].** Organ of Gosudarstvennyi komitet po pishchevol'no promyshlennosti pri Gosplane SSSR and Tsentrального pravleniia Nauchno-tekhnicheskogo obshchestva pishchevol'no promyshlennosti [State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 20, no. 8, Aug. 1965.
- Table of contents translated:
- Kagal'skii, I. U. V., Pasternak, V. B., Bokhman, A. P. - Automation of the pasteurization-and-cooling section of the canned juice shops in the Bendori Cannery. p. 1.
- Glushina, I. P., Nekhaeva, M. I., Podkopaeva, T. A. - Changes in the quality of apple juice packaged in containers made from polymeric materials during storage. p. 10.
- Skurikova, I. U. G. - Improve the drying of cherries. p. 12.
- Moldkovich, M. S., Silich, A. A. - Causes of foam formation during the cooking of fruit and berry preserves and ways of its prevention. p. 16.
- Shteynberg, R. V., Reizman, E. D., Troitskaya, L. O. - Selecting the system of tomato juice sterilization without counterpressure. p. 18.
- Altshkov, T. S. - Provide the canneries of the Central Chernozem Economic Region with the best pepper varieties. p. 22.
- Nizharadze, A. N., Ebratidze, N. G. - Studying the fruits of cherry plum. p. 24.
- Rasulov, M., Atainov, S. S. - Olives, a valuable edible product. p. 29.
- Averichev, I. A. - Clearing the milestones of the seven-year plan. p. 31.
- Kevanishvili, V. N., and others. - Method for taking average samples of tomato raw materials for determining the content of dry substances with a refractometer. p. 33.
- Ovchar, N. L., Sharikov, K. E., Savova, K. D. - Methodology of the microscope analysis of dried mashed potatoes. p. 35.
- Strandev, A. I., Mateev, A. G. - From the experience of the Bulgarian canning industry. p. 37.
- Results of the Third All-Union Public Inspection of the Fulfillment of Scientific Research Plans and Application of the Achievements of Science and Technology in the National Economy during 1964. p. 41.
- Kundin, P. V. - Conference on the use of protein pastes and protein food additives. p. 42.
- Valeiko, V. P. - Conference on the introduction of new techniques and technology in the canning industry. p. 44.
- Varentsov, I. I. - Plenum of the State Commission of Crop Varieties Testing. p. 46.
- Nizharadze, A. N., Gelashvili, E. D. - Blackberry compote. p. 13.
- Averina, L. I., Teliatnikova, G. N., Ivanova, M. A. - Preservation of "Pepin Saffron" apple on polyethylene packaging. p. 15.
- Kolomatskii, A. V. - Studying the suitability of potato varieties grown in the Ukraine for the production of potato chips. p. 18.
- Shukhgaltser, M. I. A. - Make efficient use of the wastes of canning industries. p. 21.
- Viktorov, S. N., Tskvitidze, N. V. - Planning and accounting for production and labor productivity by the norms of production cost. p. 23.
- Valeiko, V. P. - Present state and future of the "May 1st" canning firm. p. 26.
- Babicheva, O. I., Agapushkina, M. P. - Refractometric method for determining sugar content of spice mixtures. p. 30.
- Koval'skaya, L. P., and others. - Use of ionizing radiation and sorbic acid for the preservation of fruit and vegetables. p. 33.
- Tishchenko, M. D., and others. - Changes in the vitamin C and carotin content of tomato juice taking place during processing and storage. p. 37.
- Pasternak, V. B. - All-Union Interplant school for the exchange of advanced practices. p. 45.
- Lugovkin, V. D. - Fourth Plenum of the Central Administration of the Scientific and Technical Society of the Food Industry. p. 47.
- LAKOKRASOCHNYE MATERIALY I IKH PRIMENENIE [LACQUER AND PAINT MATERIALS AND THEIR USE].** Organ of Gosudarstvennyi komitet khimicheskoi promyshlennosti pri Gosplane SSSR [State Committee for the Chemical Industry, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, no. 4, 1965.
- Table of contents translated:
- Blagotavova, A. A., and others. - Using the infrared spectroscopy method for the study of the catalytic effect of metals on the reaction of formation polyurethanes. p. 1.
- Sorokin, M. F., Lialushko, K. A., Beloknitskaya, N. E. - Epoxy resins with a base of cyclopentanediene and polyatomic alcohols. p. 4.
- Mogilevich, M. M., Pishchepchik, N. A. - Use of spectrum and chemical analysis methods in studying the film formation of polyester acrylates. p. 6.
- Emoleva, T. A., and others. - Modification of rutile titanium dioxide with aluminum, silicon and titanium compounds for the improvement of its physico-technical properties. p. 13.
- Rozhkov, I. U. P., Frost, A. M. - Effect of the properties of nitrile rubber on its compatibility with perchlorovinyl resins. p. 19.
- Filippov, G. F., Chagin, M. P. - Studying the mechanism of film formation by water-soluble alkyl resins. p. 22.
- Bobrova, A. M., Sokolova, L. A. - Coagulation of black sludge in the production of pigment titanium dioxide. p. 27.
- Moliseev, A. F. - Changes in the viscosity of polyethylphenyl siloxane resins under the effect of alkali. p. 29.
- Dormitova, N. P., Zubov, E. V. - Plasticizing hardening agents for lacquers based on epoxy resins. p. 33.
- Grozinskaya, Z. P., Kadyrov, M. Sh., Zubov, P. I. - Testing the wear resistance of epoxy coatings. p. 36.
- Vladychina, E. N., and others. - Electric properties of paint materials and optimum conditions of their spraying in the electric field. p. 38.
- Moliseev, E. V., Frelid, M. M., Lzhova, E. N. - Application of multilayer coatings in the electric field. p. 40.
- Belarchuk, I. F. - Urgent problems in the improvement of the working conditions in the spray painting of railroad cars in an electrostatic field. p. 42.
- Anokhin, A. G., Ionov, M. P. - Fire hazards in the application of paint coatings in a high-voltage electric field. p. 46.
- Gubenskii, V. A., Fuks, N. A. - Determining the size and charges of separate particles during the electrostatic dispersion of paint materials. p. 50.
- Iarovenko, A. N., Kreshkov, A. P., Zelenina, L. N. - New method of determining monocarboxylic and dicarboxylic acid components of the polyester resin composition. p. 58.
- Asharina, E. E., Balabaeva, S. T. - Determination of methacrylic acid in polyester lacquer and films. p. 60.
- Borisenko, S. I., Akhaurina, R. M. - Methodology of the design and selection of equipment for jet spray painting systems with exposure in the solvent vapors. p. 63.
- Gots, V. L. - Classification of the systems for the application of paint materials to the internal surface of pipes with a small diameter. p. 68.
- Rastropin, V. N., Khogal, S. - Effect of the quality of washing waters on the phosphating process of steel and its corrosion resistance. p. 72.
- Gindis, A. P. - Application of high-frequency vibrations for the stabilization of FSKh-23 enamel paints. p. 74.
- Kryukova, A. S. - Answering queries on the application of paint materials. p. 75.
- Lifshits, M. L. - Characteristics of the new standards for the paint industry. p. 77.
- Stochil, G. F. - Review of the book "Handbook on paint coatings," p. 81.
- LENINGRAD. LENINGRADSKII INSTITUT KINOIZHNEROV. Study [LENINGRAD INSTITUTE OF MOTION PICTURE ENGINEERS, Transactions].** No. 10, 1964. Electroacoustics and sound recording and reproducing techniques.
- Table of contents translated:
- Khokhlov, A. D., Semakina, T. V. - Equivalent circuits of nondirectional condenser microphones. p. 3.
- Khokhlov, A. D., Semakina, T. V. - Experimental study of nondirectional condenser microphones. p. 17.
- Iudin, M. G. - High-frequency correction in nondirectional microphones with moving coil. p. 27.
- Koleshev, G. P., Iudin, M. G. - Calculating the friction in a nondirectional microphone with moving coil. p. 33.
- Vakhtov, I. A. Sh. - Calculating the limiting values of the polarizing voltage of electrostatic sound converters. p. 37.
- Vakhtov, I. A. Sh. - Double-sided electrostatic loudspeaker with nonstressed diaphragm. p. 47.
- Khokhlov, A. D., and others. - Condenser microphone with a high-stability form of the remotely controlled directivity characteristic. p. 57.
- Ivanova, N. F., Khokhlov, A. D. - Transient distortions of microphones. p. 69.
- Man'kovskii, V. S. - Theoretical calculations of some values affecting the transmission of spatial characteristics of the apparent sound source. p. 75.
- Man'kovskii, V. S. - Problem of space perception in stereophonic sound transmissions. p. 89.
- Zhuavlev, V. M. - Suitability of the correlation method for the measurement of nonlinear distortions. p. 99.
- Sorodinskii, A. I. - Use of the "positive" photographic sound track in film copying. p. 103.
- Podoseev, P. G., Savichev, S. S. - Transistorized magnetic voltage stabilizers for low voltage potential. p. 111.
- Savichev, S. S. - Unit for the experimental study of transient processes in voltage and current stabilizers. p. 123.
- Bel'skaya, L. I. - Graphoanalytical method for the design of transistorized voltage stabilizers. p. 131.
- Bel'skaya, L. I. - Electronic regulator of a rectified low voltage. p. 143.
- Koleshev, G. P. - Amplifier stage with complex cathode circuit. p. 147.
- MASLOZHIROVAIA PROMYSHLENNOST' [OIL AND FATS INDUSTRY].** Organ of Gosudarstvennyi komitet po pishchevol'no promyshlennosti pri Gosplane SSSR and Tsentrального pravleniia Nauchno-tekhnicheskogo obshchestva pishchevol'no promyshlennosti [State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 31, no. 9, Sep. 1965.
- Table of contents translated:
- Suslov, V. M., Semichukov, P. G. - Ways to improve the quality of edible vegetable oil. p. 1.
- Kozin, N. I., Elnakova, P. M. - Storage of sunflower seed oil in nitrogen medium. p. 3.
- Markman, A. L., Glushenkova, A. I. - Structure of gossypol. p. 6.
- Kopelkovskii, V. M., Nabroeva, L. G., Tsangari, N. G. - Studying the convection drying of castor bean seeds. p. 9.
- D'akonova, N. K., and others. - Kinetics of paraffin oxidation under the conditions of a continuous method. p. 13.
- Moskvin, G. I., Volkova, I. D., Oleinikova, Z. V. - Effect of the purity and fraction composition of synthetic primary alcohols on the properties of the obtained alkyl sulfates. p. 17.
- Levit, M. S., Vasil'eva, G. F. - Using centrifuges for the separation of the fatty acids of sperm oil and fats. p. 19.
- Nikolaev, A. G., Semanova, N. V. - Chinese menthol mint. p. 21.
- Dud'ko, A. Kh., Vyachin, V. A. - Method for determining fat and soap content of emulsion creams. p. 24.
- Ol'mezov, K. K., Romanenko, I. S. - Use of bank loans for the introduction of new equipment and techniques. p. 27.
- Manlyukin, I. T. - Voronezh Oils and Fats Combine. p. 30.
- Abdullaev, F. A. - Kirovabad Oils and Fats Combine. p. 30.
- Irolov, M. V. - Reducing glycerin losses in the processing of fatty acids. p. 31.
- Kizlin, N. I., Varibrua, V. I., Bishufushchii, V. N. - Industrial production of the "Moskovskii" margarine with a creamery butter structure. p. 33.

- Sobkovich, O. M. - Production of higher grade glycerin without distillation p. 37
- Kupferman, K. I. - Quality control of perfumery products p. 38
- Lozheshnik, V. K. - Complex processing of liquid white oil p. 39
- Manzhon, A. A. - Teleindicators of the position of the gas holder bell jar p. 40
- Zagorodnaya, V. A. - Cleaning of worm evaporator systems p. 41
- Review of P. T. Lovianikov's booklet "Economic efficiency of the growing of essential oil plants in Moldavia" p. 42
- Certificates of inventions and patents p. 44
- Batrakova, I. A. - Readers conference in Vinnitsa p. 45
- N. N. Gildenstein, 1890-1965, obituary p. 47

MEKHANIKA POLIMEROV [MECHANICS OF POLYMERS]. Issued by Akademiya nauk Latvinskoi SSR [Academy of Sciences of the Latvian S S R]. Riga, no. 4, 1965.

MOSCOW. KHIMIKO-TEKNOLOGICHESKI INSTITUT. Trudy [INSTITUTE OF CHEMICAL TECHNOLOGY. Transactions]. No. 47, 1964. Studies in the field of the technology of inorganic substances, processes, and apparatus in chemical industries.

- Table of contents translated
- Rodionov, A. I., Kashnikov, A. M., Radikovskii, V. M. - Determining the number of plates in the absorption column by the surface of the phase contact p. 5
- Gil'denblat, I. A., Gurova, N. M., Ramm, V. M. - Studying the effect of the initial distribution of the reflux liquid and height of the packed layer on the efficiency of the absorption in columns with ring packings of various dimensions p. 11
- Shumilin, I. K., Kovat, Zh. A., Kuznetsov, D. A. - Dynamics of hydraulic processes taking place on the downcomerless mesh plates p. 30
- Seipianova, E. N., and others - Calculating the flooding rate for gas-solid systems in downcomerless plate towers p. 35
- Kagan, S. Z. - Design of column extractors taking the longitudinal mixing of phases into account. Part 1 p. 39
- Kagan, S. Z. - Design of column extractors taking the longitudinal mixing of phases into account. Part 2 p. 51
- Rinbova, R. I., Kudriavtsev, A. A. - Production of pure tellurium p. 57
- Kel'tsev, N. V., Titova, I. U. K., Torocheshnikov, N. S. - Use of synthetic zeolites in the deep purification of liquefied gases p. 61
- Torocheshnikov, N. S., Kel'tsev, N. V., Sidorov, A. I. - Use of synthetic zeolites in the combined drying of and carbon dioxide removal from air under high pressure p. 68
- Li-Ts'ia-shu (Yi, Ch'a-shi), Shokin, I. N. - Using the method of liquid extraction in the production of potassium and sodium from corresponding chlorides p. 75
- Kuznetsov, I. U. P., and others - Thermodynamics of the high-temperature conversion of methane by sulfur p. 80
- Vilesov, N. G., and others - Mechanism of the formation of carbon disulfide during the incomplete reduction of sulfurous anhydride by methane p. 86
- Simulin, I. U. N., Torocheshnikov, N. S., Lachinov, S. S. - Effect of gas mixture pressure in the process of reduction on the activity of the ammonia synthesis catalyst p. 90
- Staritsv, V. K., Shokin, I. N. - Use of hexamethylenimine in the production of soda. Part 1 p. 95
- Staritsv, V. K., Shokin, I. N. - Use of hexamethylenimine in the production of soda. Part 2 p. 99
- Sin, G. N., Shokin, I. N., Kuznetsova, A. G. - Continuous method of the reduction of cuprous chloride by metallic copper p. 103
- Sin, G. N., Shokin, I. N., Kuznetsova, A. G. - Solubility of copper monochloride in aqueous solutions of NaCl, NaCl + CuCl₂ and NaCl + Na₂SO₄ p. 111
- Semenov, G. M., Kuznetsov, D. A., Zubova, I. E. - Thermodynamic study of solid phase reactions in the system calcium oxide-iron oxides p. 115
- Kuznetsov, D. A., and others - Studying the interaction of K₂CO₃ with iron oxides p. 119
- Kuznetsov, D. A., Egeubaev, S. Kh., Zubova, I. E. - Reduction of potassium ferrite p. 125
- Zubova, I. E., Kuznetsov, D. A., Egeubaev, S. Kh. - Reduction of potassium ferrite p. 129
- Zviagintsev, O. E., Frolov, I. U. G., Sudarikov, B. N. - Mechanism of the extraction of tetra- and hexavalent uranium sulfates by tri- and di-n-octylamines p. 134
- Medvedeva, E., Gromov, B. V. - Studying the U(IV) extraction by the tri-n-octylamine solution in the presence of aluminum ions p. 140
- Medvedeva, E., Starobina, T. M., Gromov, B. V. - Studying the U(VI) extraction by the tri-n-octylamine solution in the presence of Fe²⁺ and Mn²⁺ ions p. 145

- Minaev, V. A., and others - Studying the behavior of some radioactive isotopes during the extraction of uranyl sulfate by trialkylamine p. 151
- Nazarov, A. S., Gromov, B. V. - Use of the chromatographic method in studying the re-extraction processes p. 159
- Nazarov, A. S., Gromov, B. V. - Kinetics of the U(IV) re-extraction from tri-n-octylamine solutions in butylbenzene by the aqueous solutions of hydrofluoric acid p. 165
- Grishin, L. V., and others - Determining the concentration of lubricating oils in gases p. 171
- Gordievskii, A. B., Filippov, E. L. - Studying the electrode functions of anion exchange membranes based on the EDE-10P resins p. 178
- Gordievskii, A. V., Filippov, E. L., Voronovskaya, M. N. - Use of ion exchange membranes in the calcium form as indicator electrodes p. 184
- Kuznetsov, D. A., Malakhov, A. I., Marchenkov, V. F. - Formation of protective films on the surface of cast iron p. 189
- Kuznetsov, D. A., Malakhov, A. I., Marchenkov, V. F. - Sand fused on iron castings and role of cast iron silicon in its formation p. 193

*PLASTICHESKIE MASSY [PLASTICS]. Organ of Gosudarstvennyi komitet khimicheskoi promyshlennosti pri Gosplane SSSR [State Committee for the Chemical Industry, Attached to the State Planning Committee of the U. S. S. R.]. Moscow, no. 8, 1965.

- Table of contents translated
- Universal decimal classification system p. 1
- Berlin, A. A., Belova, G. V., Sol'skaya, O. G. - Studying the thermal oxidative degradation of polymers with a conjugated system of bonds p. 3
- Enal'ev, V. D., and others - Swelling of the copolymer of styrene with divinyl benzene p. 5
- Kovachik, B. M., and others - Effect of stabilizers on a prolonged thermal oxidative aging of the polyamide "08" p. 7
- Doroshenko, I. U. E., Koshak, V. V., Seigeev, V. A. - Phenol-formaldehyde polymers. Effect of the structure of bis-phenols on polymer properties p. 9
- Renard, T. L., and others - Synthesis and some properties of polyester urethane foams with a base of polyesters modified with polyatomic alcohols p. 11
- Povzner, L. V., and others - Studying the products of the combination of phenol-formaldehyde resins with polyvinyl chloride p. 13
- SVitsyn, R. A., and others - Studying the properties of polyester carbonates p. 18
- Novitskii, E. G., Siugina, N. D. - Preparation of polymethylacetoacrylate oligomers, diethoxymethylacrylate polydimethylsiloxanes p. 21
- Bitumental', M. G., and others - Effect of some technological factors of extrusion on the orientation of sheet materials p. 23
- Sagalaev, G. V., Liberman, I. U. A. - Effect of the filler's surface and density of its packaging on the properties of plastic concrete p. 27
- Naguz, N. I. - Model "DA2240" 1000-ton-force hydraulic press for plastics p. 29
- Anishevskii, A. V., Reshanov, A. S., Bolotovskaya, R. M. - Production of high dispersion polyvinyl acetate powders p. 31
- Latus, L. A., and others - Physicochemical properties of poly-2,2'-octamethylene-5,5'-dibenzimidazole films p. 34
- Vinogradov, V. M., and others - Effect of gamma rays on cured polyesters p. 38
- Belikova, G. S., and others - Growing of titoxane single crystals p. 41
- Tutlakov, S. R. - Obtaining p,p'-di-(1,3-dioxanyl-4-oxa-3-zollidyl)-di phenyl methane p. 43
- Larin, I. A., Kirilluk, V. A. - Economic efficiency of the use of plastics in the manufacture of sanitary engineering wares p. 45
- Kreshkov, A. P., Mikhailenko, I. U. A., Senetskaya, L. P. - Using the infrared spectroscopy method for determining unsaturated groups in silicon organic compounds p. 48
- Maitynov, M. A., Vylgzhannina, K. A. - X-ray diffraction method for determining the degree of polymerization of polymers p. 50
- Gil'man, T. P., and others - Device for studying the kinetics of the wetting of glass fillers with binders p. 53
- Satonov, A. I., Pribylovskii, L. A., Samsonov, V. G. - Lining of the inner surface of pipes in the electrostatic field p. 56
- Kestel'man, V. N., and others - Relation between the wear resistance and adhesion of nylon coatings under the conditions of the various methods of their application on the metallic surface p. 59
- Sidorov, V. A., Trosman, G. M., Aleksandrov, K. N. - Lengthening the service life of the "PK-4" polyamide film p. 61
- Baran, A. A. - Mechanism of the removal of suspension type impurities from styrene copolymers p. 63

- Kučinskas, V. - Fifth Lithuanian scientific and technical conference on the use and study of polymeric materials p. 66
- Results of a contest of works on the use of plastics in the machinery manufacture p. 67
- New literature on polymeric materials p. 69
- Abram Naumovich Levin, obituary p. 75

No. 9, 1965.

- Table of contents translated
- Egorov, N. M., and others - Effect of impurities in the solvent on the synthesis of low pressure polyethylene p. 1
- Bobinova, L. M., and others - Effect of electrolytes and certain organic substances on the emulsion polymerization of vinyl chloride p. 5
- Gladkova, G. I., and others - Thermostabilization of irradiated polyethylene with commercial anti-oxidants p. 8
- Kafengauz, A. P., Kafengauz, I. M., Murashov, V. I. - Polyethanes from polyethers. Rigid polyethane foams p. 13
- Vinogradova, S. V., and others - Heat resistant electric insulation plastics on a polyarylate base p. 16
- Andrianov, K. A., Pakhomov, V. I., Lapteva, N. E. - Reactions of chloromethyl silanes and siloxanes with diatomic phenols p. 20
- Raevskii, Postigan, M. V., Gul', V. E. - Studying the thermostability of welded joints of combined film materials. Film materials with one-sided polyethylene coating p. 23
- Kravchenko, L. I., Avrasin, I. A. D. - Effect of technological and other factors on the properties of fiberglass reinforced plastics on a base polyester epoxide binder p. 25
- Popov, V. A., Drulian, I. S., Lipatov, I. U. S. - Thermomechanical properties of phenol-rubber in monolithic and foamed states p. 30
- Kobzova, R. I., and others - Effect of certain complex compounds on the resistance of polydimethylsiloxanes to thermal oxidation p. 35
- Gul', V. E., Matzel, N. S. - Studying the dependence on temperature of the resistivity and volt-ampere characteristics of polymers with three-dimensional structure p. 38
- Larin, I. A. - Economic efficiency of using polymer materials for flooring p. 41
- Shindeev, A. A., Levin, A. N. - Pressure losses in the round channels of a granulator head during a steady isothermal flow of melted compositions for photographic records p. 44
- Naguz, N. I., Il'fashenko, G. A., Udler, E. L. - New automatic TP500A machines for the manufacture of thermoplastics p. 49
- Perel'man, K. E., Konstantinova, G. V. - Methods of evaluating the homogeneity of polymer solutions p. 52
- Prakina, G. P., and others - Infrared spectroscopy method for the study of thermal- and photolysis of certain polystyrene plastics p. 55
- Troianskaya, E. B., Guniyev, G. M. - Glass reinforced plastics with glass flakes as the filler p. 60
- Liberova, R. A., Dubasova, L. M. - Increasing the light fastness of plasticized polyvinyl chloride resins p. 64
- Gordinskii, B. I. U., and others - Reclaiming of polyester urethanes p. 65
- SAXIARNAYA PROMYSHLENNOST' [SUGAR INDUSTRY]. Organ of Gosudarstvennyi komitet po pishchevym promyshlennosti pri Gosplane SSSR and Tsentrálne pravleniye Nauchno-tekhnicheskogo obshchestva pishchevym promyshlennosti [State Committee for the Food Industry, Attached to the State Planning Committee of the U. S. S. R., and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 30, no. 8, Aug. 1965.
- Table of contents translated
- Fulfill the assignment for sugar production in the closing year of the seven-year plan p. 1
- Il'inski, N. V. - One hundred twenty-fifth anniversary of the Ramon Sugar Factory p. 7
- Pushanko, N. N., Lyslinskii, V. M., Buzynkin, M. A. - Some characteristics of the kinetics of the diffusion process in Olor system apparatus p. 11
- Iv'molinskii, M. B. - Efficient processing of raw cane sugar p. 15
- Rybakina, M. I. - Concerning the service life of equipment p. 19
- Rotkop, L. L., Trakhtenberg, E. M. - Errors in determining the sugar content of sugar beets due to the discrete control of the pertinent parameters p. 23
- Novikov, V. A., Kichigin, N. M. - Results of the testing of "BUM-U4M1" and Complex-5-TSINS" loading and unloading machines in 1964 p. 27
- Fil'shin, V. E. - Operation system of shaft type limekilns fired with gaseous fuel p. 32
- TSvetinskii, S. V. - Relation between calcium oxide content of lime milk and its specific gravity p. 37
- Dnsar', A. T., Molonko, I. A. V. - Electric type SV-1 juice extractor for bagasse crushing in determining its sugar content p. 38

- Berkovich, E. Kh. - New standard project of a sugar factory with a daily processing capacity of 30,000 centners of sugar beets. p. 40.
- Makhlina, M. M., Mai'anchik, V. L. - Changes in the capital yield of the sugar industry in the Ukrainian S. S. R. p. 51.
- Konovalev, I. N., Gusev, K. M. - Need for spritzations for sugar beets used in industrial processing p. 56.
- Belinskii, V. I. - Use of diamond pastes in the repair of sugar factory equipment. p. 59.
- Bul'tsei, I. B., Kopytko, E. K., Mikhal'chuk, A. A. - Use of the Pavluk-Sokolov system stone and sand catchers for beet tail separation. p. 60.
- Aleksandrovich, G. S. - Weight losses and changes in starchiness of potatoes during freezing. p. 62.
- Vilanskii, I. L. - Best methods of sugar storage. p. 72.
- Review of M. M. Palamarchuk's book "Sugar beets production of the Ukrainian S. S. R.," p. 77.
- Vol. 39, no. 9, Sep. 1965.
- Table of contents translated
- Producing excellent work from the first ways of the production season. p. 1.
- Zamanov, V. P., Bilukov, V. E., Sorokin, P. G. - Development of the production and improvement of the quality of limestone in the Lipetsk Province. p. 4.
- Tverdokhlebov, L. S. - Effect of formalin on the unaccounted for losses of sugar in diffusion. p. 8.
- Zelikman, I. G., Kolesnikov, V. A. - Testing of filtration fabrics. p. 11.
- Goncharov, I. U. G., Maksimov, V. A., Lomako, E. V. - Results of the testing of the equipment of sugar beet handling lines from the field to the factory. p. 16.
- Serebrinskii, V. A. - Preservation and use of bagasse in the sugar factories of the Krasnodar Territory. p. 19.
- Lobach, N., Semchuk, S. - Biological methods for bagasse conservation. p. 22.
- Belen'ki, B. E., Ziman, Zh. L. - Application of type ESU-2 electronic level indicators in processing viscous electroconducting products of sugar manufacture. p. 24.
- Litvinsk, V. I. - Using the radioactive RSP-11 item counter in the accounting for production. p. 26.
- Klachok, I. G. - Mazut atomizer with an AVD fan. p. 28.
- Belen'ki, V. R. - Efficiency of the creation of agricultural-and-industrial production combines in sugar beet growing areas. p. 31.
- Pankrat'eva, N. V. - Using electronic computers in solving problems of efficient distribution of sugar refining industries. p. 36.
- Ivanov, V. V. - Some problems in the handling of raw materials. p. 39.
- Karpenko, P. V., Iarenko, I. K. - Technological characteristics of mono- and polysperous sugar beets. p. 43.
- Feldman, S. E. - New mat weaving MVM-250 machine. p. 46.
- Parikhod'ko, A. P. - Improving the performance of sugar beet holding machinery. p. 48.
- Pertsel', V. M., Kats, B. I., Ostilanskii, A. S. - Performance of the redesigned five-compartment thickener. p. 61.
- Dratuk, V. A. - Improved technological flow sheets in the Rakvere Slush and Molasses Combine. p. 63.
- Nikiforova, V. N., Sidorova, E. K. - Molasses for the confectionery industry. p. 65.
- Rukosuev, V. P., Kostanskii, B. S. - Quality of corn. p. 67.
- Savushkin, V. M. - Creation of a raw material base for the Bulinsk Sugar Factory. p. 69.
- Belezinskii, B. I. - Unloading of unrefined sugar delivered to the refineries in bulk in box cars. p. 69.
- Organization of an economic laboratory attached to the Gorodishche Sugar Refining Combine. p. 69.
- Fedorov, G. F., Shaplo, A. I. - All-Union Scientific and Technical Conference of the Representatives of the Sugar Industry. p. 67.
- Procedure for bonus payments to managerial workers and specialists of sugar factories (combines) for the fulfillment and overfulfillment of the plan for the procurement of sugar beets and good conservation of the procured raw products. p. 74.
- Grigorii Samoilovich Benin, obituary. p. 77.
- New publications of the technical and agricultural literature. p. 78.
- SARATOV. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATELSKI I PROEKTYNIY INSTITUT PO ISPOL'ZOVANIU GAZA V NARODNOM KHOZIAISTVE "GIPRONIGAZ." "Ispol'zovanie gaza v narodnom khoziaistve; sbornik nauchnykh rabot [STATE SCIENTIFIC RESEARCH AND DESIGN INSTITUTE FOR THE UTILIZATION OF GAS IN THE NATIONAL ECONOMY "GIPRONIGAZ." Utilization of Gas in the National Economy, Papers]. No. 2, 1963.
- Table of contents translated
- Loginov, V. S. - Investigating experimental asbestos-cement gas mains. p. 3.
- Mironov, A. A. - Investigating the stressed state of asbestos-cement gas mains by electroresistometry. p. 23.
- Rassulev, F. - The Andizhan asbestos-cement gas pipeline. p. 31.
- Aksenova, G. V., Kashkovskaya, E. A. - Using phenol epoxy adhesives for gluing asbestos cement. p. 36.
- Zhurav, G. B. - Use of vinyl plastic pipes for supplying gas to residential buildings. p. 41.
- Khitrova, M. I., Mironova, V. I., Kashkovskaya, E. A. - Adhesive for plastics made with polystyrene. p. 47.
- Levin, A. M., and others. - Temperature regimes and spectral characteristics of infrared gas burners. p. 53.
- Kuznetsov, A. V. - New burners for household gas stoves. p. 71.
- Khitrova, M. I., Lukashov, V. G. - Experimental plastic absorption refrigerator operating on gas. p. 78.
- Kostukina, G. P., Maksimov, N. N. - Temperature fluctuations in gas space heating using continuous action appliances. p. 87.
- Smirnov, V. A. - Method for calculating design gas consumption. p. 103.
- Smirnov, V. A. - Coincidence coefficient and design safety of gas-supply systems. p. 112.
- Smirnov, V. A. - Basis for determining the pressure stage number and inlet depth of high- and medium-pressure systems. p. 120.
- Poplavskaya, L. M., Geichikov, S. V. - Electrical model of an l-p main. p. 126.
- Smirnov, V. A., and others. - Optimum distribution of differential pressure in l-p annular systems. p. 133.
- Smirnov, V. A., Adskina, I. N. - Method for calculating the optimum number of gas distribution stations. p. 139.
- Smirnov, V. A., Rodionov, O. G. - Determining the optimum consumption of pipes for the gas systems of residential buildings. p. 146.
- Rozent'el'd, V. M. - Effect of pipe standard on the capital investment in municipal l-p gas systems. p. 155.
- Smirnov, V. A., Shimeif'ev, S. A. - Practices in determining household gas consumption norms. p. 159.
- Nikifin, N. I. - Some design features worked out by the State Scientific Research and Design Institute on the Utilization of Gas in National Economy. p. 163.
- Thachenko, V. N. - New types of electrodrainage and methods for calculating them. p. 167.
- Red'ko, N. S. - Method for calculating even load drainage. p. 170.
- Red'ko, N. S. - Calculating drainage at the intersection of underground structures and tracks of finite length. p. 187.
- Erofeeva, V. I., Shkol'nikova, V. V., Rozhdestvenskii, V. P. - Obtaining hydrogen from the methane-hydrogen fraction of pyrolytic gas. p. 199.
- Stekhin, I. A., Shimeif'ev, V. A. - Gas burners for cement plants. p. 219.
- Matyuzov, M. L. - Automatic control of water boilers. p. 226.
- Ivanov, V. A. - Investigating the performance of cutter-loader engines operating on liquefied gases. p. 231.
- Denisman, L. D. - Method for studying the economic effectiveness of using natural gas in various branches of industry. p. 239.
- *STEKLO I KERAMIKA (GLASS AND CERAMICS).
- Issued by Gosudarstvennyi komitet po promyshlennosti stroitel'nykh materialov pri Sovetno SSSR [State Committee for the Building Materials Industry, Attached to the State Committee for Construction in the U. S. S. R.], Moscow, vol. 22, no. 7, July 1965.
- Table of contents translated
- Pchel'nikov, K. A., Sokolov, A. A. - Calculating the flow parameters of the glass batch in the melting end, the feeder or the working end of a tank furnace. p. 1.
- Antonov, B. I. - Magnetic amplifier in the feed diagram of electric glassmaking furnaces. p. 5.
- Ananich, N. I., Botvinkin, O. K., Dintova, L. V. - Structural double refraction in glass of the system $Li_2O - Al_2O_3 - SiO_2$. p. 7.
- Mel'nikhenko, L. G., Safonova, V. P. - Developing compositions and investigating the properties and structure of crystallized melts from local raw materials. p. 9.
- Bovetaki, E. A., Sharnopol'skaya, E. T. - Forming images on pyroceramics. p. 12.
- Baskov, B. I., Kutukov, S. S., Chernik, M. G. - Investigating the tearing of a continuous glass fiber depending on the level of the glass batch. p. 14.
- Gumenjuk, E. L., Khushe, E. L., Stepanova, Ch. A. - Possibility of expanding the supply of raw materials for the production of fatness tiles. p. 19.
- Ismailova, M. A. - Acid-resistant ceramics on a quartz porphyries base. p. 18.
- Khakham, A. S. - Rapakivi granites are a new high-alkali feldspar raw material for insulation porcelain and abrasive industries. p. 21.
- Maslennikova, G. N., Lisov, A. A. - Automatic recording of rheological curves for porcelain bodies. p. 24.
- Aleksuk, I. M., and others. - Centrifugal mill for the grinding of clay materials. p. 27.
- Khrizantsev, I. G., Gapiudashvili, G. G. - Syenite crystal glaze for ceramic products. p. 30.
- Kukarkin, A. I. - Increasing the height of the checkers in continuous tank furnaces. p. 31.
- Kholonen, K. P., Piantitskiy, A. S., Iovleva, G. F. - Mechanized melting of translucent thermometric glass in a vertical drawing machine. p. 33.
- Fedirko, N. G. - Automatic machine for the sizing of glass tubes according to their external diameters. p. 36.
- Ket'ko, K. K. - Introduction of an enamel undercoat on the basis of a danburite concentrate. p. 39.
- Igantov, N. N., Anpilov, A. I., Krasnosel'skii, M. V. - Technology of manufacturing press powders with dewatering of the slip in drier drums. p. 39.
- In glass and porcelain plants of the Ukraine. p. 42.
- Vol. 22, no. 8, Aug. 1965
- Table of contents translated
- Dikerman, N. I. - New products from Moscow area plants for builders. p. 1.
- Lishin, N. K. - Make available the achievements of modern chemistry to the glass and ceramic industries. p. 4.
- Velev, D. S. - Approximate determination of specific heat consumption in glass tank furnaces. p. 6.
- Zaitzinsk, A. A., Tsukanov, A. A., Vinkov, E. A. - Bubbling of an HC-1 composition glass batch. p. 8.
- Tatevosian, K. M., Manvelian, M. G., Melik-Akhmazian, A. F. - Investigating the volatilization of fluorine during the manufacture of opal glass. p. 10.
- Bondarev, K. T., Minakov, V. A., Zaitzinsk, A. A. - Investigating the composition and the nature of chemical heterogeneities in industrial glass. p. 13.
- Brckovskii, S. M., Grinshtein, I. U. L. - Effect of neutron irradiation on crystallized glass materials. p. 15.
- Kudin, N. A., Volonkova, G. V., Elizarov, N. E. - New lead-containing product for the manufacture of glassware and artistic glass. p. 18.
- Solomin, N. V., Solomin, A. N. - Inelastic deformation of glass and ceramic products under their own weight during annealing. p. 19.
- Dlokh, S. A., and others. - High temperature gas spray drying of ceramic suspensions. p. 21.
- Shein, D. I., Belostotskaya, N. S. - Using the method of hydrostatic pressing for the manufacture of bathroom fixtures. p. 23.
- Slivkov, V. I. - Alkali canals from the Prosyanyaya deposit are a source of high-potash feldspar raw materials. p. 25.
- Belney, G. I., and others. - Interaction of steel with silicate melts. p. 27.
- Ivanov, P. A. - Modernization of the 4-ShPS machine. p. 30.
- Tamarchenko, V. S. - New type of shears for the cutting of molten glass. p. 32.
- Denisev, V. I., Blodun, V. K. - Device for the spraying of resin. p. 33.
- Mishutovich, L. I. A. - Rebuilding an old enterprise on new technical grounds. p. 35.
- Gumenjuk, M. V. - Fine anniversary: the Dyatkovskii glass plant is 175 years old. p. 38.
- International exhibition "Chemistry in industry, construction and agriculture." p. 40.
- In the state committee on the building materials industry. p. 47.
- Isaak Il'ich Kitagorodskii, an obituary. p. 47.
- Vol. 22, no. 9, Sep. 1965.
- Table of contents translated:
- Urgent tasks in expanding the industry of acid-resistant materials. p. 1.
- Kordonskaya, R. K. - Acid-resistant ceramic tiles for lining the equipment used in bleaching wood pulp by chlorine dioxide. p. 2.
- Belopol'skii, M. S., Khriz, A. B., Gumenjuk, E. L. - Adopting a spray-drying apparatus at the Lvov ceramic plant. p. 4.
- Ivachin, S. I. - Orthophysics as feldspar raw material for high voltage electric porcelain. p. 7.
- Nabokov, N. P., Sukhanov, A. E., Naumov, A. I. - The Alekseyevka deposit is a new raw material base for high-grade kaolin. p. 8.
- High strength is a potentiality for the reliability and durability of glass. p. 11.
- Vitman, V. F., Pugachov, G. S., Pukh, V. P. - High natural strength of sheet glass. p. 12.
- Botvinkin, O. K., and others. - Using the statistical theory to estimate the strength of window glass. p. 14.
- Effect of glass fiber length on their strength. p. 17.
- Kozlovskii, S. T., Shchegolev, V. I. - Investigating the strength and durability of glass products. p. 20.

- Kopylov, L.N. - Reducing the coefficient of edge friction for the purpose of glass protection from the formation of dangerous surface defects. p.24.
- Makharvskii, A.S. - Characteristics of glass production by continuous rolling. p.25.
- Kharitonov, F.I.A. - Investigating the glass batch clarification process. p.29.
- Sheinok, I.M., Kutukov, S.S., Sokolov, A.A. - Investigating the flow of the glass batch by means of naturally radioactive potassium. p.32.
- Zozin, M.A., Raspolynin, V.V. - Standardization of automatic control systems for glass plants. p.34.
- Nikolaev, E.I., and others. - Rapid glass firing of enameled glass tablets in gas kilns. p.38.
- Iashchur, I.A.P., Lants, M.E. - High-strength porcelain for small high-voltage insulators. p.39.
- Pavlov, N.M. - Efficient composition of the HC-2 glass. p.42.
- Ceramics for the chemical industry. p.43.
- Peterson, I.I. - Idling of the equipment has been reduced and profits rose. p.44.

ЖУРНАЛ НАУЧНО-ПРИКЛАДНОЙ ФОТОГРАФИИ И КИНЕМАТОГРАФИИ [JOURNAL OF SCIENTIFIC AND APPLIED PHOTOGRAPHY AND CINEMATOGRAPHY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.10, no.5, Sep.-Oct. 1965.

- Table of contents translated:
- Abrilina, V.L., and others. - Investigating the developing properties of 1-phenyl pyrazolidone-3 and other pyrazolidone-3 derivatives. p.321.
- Zhdanov, A.P., Skirda, N.V. - Stopping power of nuclear photographic emulsions produced in the U.S.S.R. p.330.
- Babchin, A.L., Levi, S.M. - Flow of several layers of viscous liquid on the inclined plane of the coating machine extruder. p.344.
- Veldenbakh, V.A., Levina, P.I. - Dependence of a rapid black and white photographic image development process on the pH. p.347.
- Kirillov, N.I. - Effect of the developer solution volume on its oxidation in continuous development processes. p.351.
- Pruss, P.Kh. - Investigating the method of testing photographic materials with diffusion measurements. Part 1. Analysis of the diffusometric method. p.354.
- Pruglo, N.V., Spasokukotskii, N.S., Bongard, S.A. - Effect of the introduction of polymer bases on the fixation of acid dyes in gelatine layers. Part 2. Microscopic study of matrix prints on layers with various polymeric bases. p.360.
- Pospelov, V.V. - Charge mechanism in electrophotography. p.365.
- Barulin, I.U.N. - Kinetics of photodepolarization of selenium electrophotographic layers. p.369.
- Istomin, G.A. - Photographic densitometry method and its application in evaluating the film definition. Part 1. Contrast function, its measurement and analysis. p.378.
- Kamenskii, I., Kavliaruskas, R.E., Rakauskas, J. - The form of the isoprene of selenium electrochromic photographic films. p.381.
- Malshavskii, A.A. - Performance of a certain shutter. p.392.
- Falerman, G.P. - Development superadditivity in phenodone glycine developers. p.394.
- Levi, S.M., Rudenko, S.V. - Investigating the hardening of emulsion layers. Part 3: Determining the temperature of the creeping of emulsion layers at temperatures over 100°C. p.395.
- Zimkin, E.A., Kluichevich, V.F. - Gelatine absorption and silver bromide microcrystals. p.397.

d CIVIL & CONSTRUCTION ENGINEERING

АКАДЕМИЯ КОММУНАЛЬНОГО ХОЗЯЙСТВА. Nauchnye trudy [ACADEMY OF COMMUNAL ECONOMY. Studies]. Moscow, no.31, 1964. Zhilishchnoe khoz'yaisho [housing], no.3.

- Table of contents translated:
- Drulan, I.A.M. - Methods of analyzing the repair cost of residential cost of buildings. p.3.
- Smyshlaeva, T.N. - Economic effectiveness of using gas apparatus for drying buildings in repair work. p.20.
- Popov, V.P. - Life and interrepair periods of residential buildings. p.27.
- Dement'ev, A.I. - Reconstruction of buildings on permafrost. p.41.
- Improving the layout of old residential buildings according to the research of the Housing Fund of the Ukrainian S.S.R. p.46.
- Filatova, M.P. - Basic problems of the maintenance of residential houses on sagging ground. p.53.
- Romanov, V.M. - Maintenance qualities of mesh-reinforced concrete roofing. p.60.

- Kostrits, A.I. - Use of mesh-reinforced roofs in housing construction. p.68.
- Sufionov, I.U.M. - Maintenance qualities of roofing material from plastic elements. p.76.
- Sufionov, I.U.M. - Corrugated plastic roofing sheets, (efficient profile and the calculation method). p.82.
- Kirillov, V.D. - Technology of precast reinforced concrete for general repairs of residential buildings. p.90.
- Kirillov, V.D. - Use of structural keramzit concrete for general repairs of buildings. p.94.
- Colant, Sh.N. - Use of synthetic materials in the repair of residential buildings. p.98.
- Ivanov, A.V. - Protective coatings for built-up roofs. p.105.
- Akhremovich, M.B., and others. - Improving the biological resistance of particle boards and fiberboards. p.111.
- Avdeev, G.K. - Preliminary results of the examination of heat insulating qualities of house sections using plastics. p.119.
- Aleksandrov, I.A. - Joints in large-panel residential buildings. p.130.
- Ushkov, F.V., Aleksandrov, I.A. - Heat conductivity of porous building materials considering moisture phase changes. p.136.
- Pogosov, R.S. - The Paduan method, used in the reconstruction of the "Continental" building in Brussels. p.146.
- Volfson, V.L. - Some problems of organizing the continuous operation in the overall repair of residential buildings. p.149.
- Lantsov, V.A. - Analysis of continuous transportation of materials in the overall repair of stone residential buildings. p.166.
- Khimunin, S.D., Volfson, V.L. - Technology of assembling prefabricated flooring from single-hollow reinforced concrete floor boards. p.172.
- Urelich, A.B., Sedukha, G.A., Sufionov, V.A. - Test of the automation of finishing operations in the repair and maintenance of facades. p.179.

BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE]. Organ of Gosudarstvennyi komitet po delam stroitel'stva SSSR [State Committee for Construction in the U.S.S.R.]. Moscow, vol.11, no.6, Sep. 1965.

- Table of contents translated:
- International exhibition "Chemistry in Industry, Construction and Agriculture." p.1.
- Akhverdov, I.I. - Round glass-reinforced plastic reinforcement for reinforced concrete pressure pipes. p.2.
- Frolov, N.P. - Technology of glass-reinforced plastic reinforcement and some of its properties. p.3.
- Moshechanskii, N.A., Putilaev, I.E. - Protection and compaction of reinforced concrete tanks by polymer coatings. p.9.
- Rubelskaya, T.V., Alekseev, S.N., Churikov, S.S. - Reinforced concrete structural elements at synthetic fiber plants. p.12.
- Smel'derova, V.V., Migayeva, G.S. - Chemically stable paint and varnish coatings for reinforced concrete constructions. p.16.
- Frelidin, A.S., Sholokhova, A.B. - Strength of concrete joints made with synthetic glue under various influences. p.18.
- Iashin, A.V. - Basic physicochemical properties of cementless mortars and cementless concrete. p.21.
- Ivanov, F.M., and others. - Effect of the addition of polyvinyl acetate emulsion on the hardening and properties of concrete. p.27.
- Stalkin, A.V., Popova, G.S. - Strength and deformability of fine grain concretes with polymer additives. p.29.
- Potapov, I.U.B., Zalan, L.M. - Compaction creep of cementless concrete made with the resin of furfural acetone monomer. p.31.
- Moshechanskii, N.A. - Stability of glass-reinforced plastic reinforcement in concrete. p.33.
- Berg, O.I.A., Nagevin, I.U.M. - Some features of the destruction process of glass reinforced plastic reinforcement. p.34.
- Ezerskii, A.N., Mitnik, G.S. - Polymer coatings for working surfaces of reinforced concrete matrices and plates. p.36.
- Tugushev, K.Kh. - Reinforced concrete plate formworks with plastic coating. p.37.
- Gershberg, L.B. - Use of plastic putty in making metallic forms for reinforced concrete products. p.38.
- Sheikin, A.E., Shakhmatinskaya, G.G. - Sulfate resistance of cement mortars and concretes of autoclave hardening. p.40.
- Golyshev, A.D. - Calculation of prefabricated monolithic elements for sagging supports. p.43.
- Akubovskii, B.V. - Improving the methods of teaching the course "Reinforced concrete, concrete and stone elements." p.46.
- Eleventh Meeting of the Commission on Prestressed Concrete devoted to the theoretical problems. p.47.

ЛЕНИНГРАД, ИНСТИТУТ ИНЖЕНЕРОВ ЗЕМЛЕНОПОРОЖИНОГО ТРАНСПОРТА. Sbornik nauchnykh INZHENEROV OF RAILROAD TRANSPORTATION ENGINEERS. Paper 5]. Moscow, no.219, 1964. Problems of railroad operation.

- Table of contents translated:
- Gordeenko, P.A. - Scientific research work of the Department of the "Operation of railroads." p.3.
- Romanov, A.P. - Selecting the weight and speed of freight trains on electrified double-track lines with high-speed passenger traffic. p.9.
- Lydekinov, A.A. - Variant of a small-scale mechanization of the continuous recording of car accumulation on the tracks of classification yards. p.53.
- Kovrov, P.A. - Payment for car use instead of demurrage. p.60.
- Romanov, A.P. - First built-up freight trains. p.69.
- Petrovskii, B.I. - Indices of locomotive utilization. p.82.
- No 273, 1964. Automatic and remote control in railroad transportation.
- Table of contents translated:
- Kokutin, I.M. - Electrochemical nature of the ballast resistance of a track circuit. p.3.
- Mon'akov, N.V. - Analysis of translator trigger amplifier with emitter-base coupling. p.26.
- Chimov, V.I.U. - Economic effectiveness of using electric switch drives with the cc-phase MST-0.25 motor. p.58.
- Barbas, A.T. - Use of linear programming in solving a problem in optimum train traffic control. p.67.
- Konovalov, E.M. - Cold-cathode tubes and features of using them in automatic control and remote control systems in railroads. p.77.

No 274, 1964. Electrical communication and radio engineering.

- Table of contents translated:
- Tulin, V.L. - Realization of polynomial amplifier circuits. p.3.
- Tulin, V.L. - Method for finding the approximation of a rational function in P.L. Chebyshev's sense. p.21.
- Semenuta, N.F. - Effect of amplitude-frequency and phase-frequency characteristics of telephone channels on digital information transmission. p.44.
- Semenuta, N.F. - Synthesis of wide-band phase shifters. p.63.
- Gol'dberg, E.N. - Pulse modulators using junction transistors. p.76.
- Petrov, I.I. - Matching of the links of an electric filter according to their characteristic impedance. p.109.
- Dzagalov, A.I. - Transitory interference during the shaping of a modulated pulse train using a block-excitation stage. p.109.
- Kameneva, F.B. - Organization of train communication systems in railroad transportation. p.114.
- Lavrent'ev, N.V. - Distributor of channel pulse-coupled passive elements in the input multiplexing equipment of radio relay lines. p.121.
- Malakhov, F.A. - Synthesis of two-stage RC selective amplifiers. p.139.

ЛЕНИНГРАД, ВСЕОБЩЕ-НАУЧНО-ИССЛЕДОВАТЕЛЬСКИЙ ИНСТИТУТ ГИДРОТЕХНИЧЕСКИХ И САНТАРИЙНО-ТЕХНИЧЕСКИХ РАБОТ. Sbornik nauchnykh [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF HYDRAULIC AND SANITARY ENGINEERING WORK, Paper 6]. Leningrad, no.18, 1963. Problems of designing and assembling hydraulic, ventilation, and air-conditioning systems.

- Table of contents translated:
- Shatkov, G.S. - Heat emission by coupled concrete heating panels. p.5.
- Ganes, I.L., Alekseeva, L.N. - Experimental examination of gravitational air movement in the closed system of panel air heating. p.13.
- Ganes, I.L., Alekseeva, L.N. - Indications on the hydraulic and heat calculation of a simple-pipe system of hot-water heating with low separation. p.20.
- Pustoslavina, V.F. - New types of air distributors for industrial ventilation systems. p.48.
- Kitachko, L.S., Ganes, I.L. - Experimental investigation on a model of air distribution for air conditioning systems. p.60.
- Uspenskaya, L.B. - Investigation of the pressure and suction operation of standardized circular ventilation tee branch pipes. p.77.
- Krasnoshchekov, L.F. - Methods of comparative evaluation and normative indices for steel radiators. p.105.
- Krasnoshchekov, L.F. - Thermal calculation of heating plants. p.120.
- Kitachko, L.S. - Heat and mass transfer in the industrial ventilation and drying technique. p.122.
- Kitachko, L.S. - Optimum size of the spiral casing of centrifugal machines. p.142.
- Kitachko, L.S. - Analytic method of the approximate determination of the dispersion composition of the thin fractions of industrial dust. p.147.

Uspenskaya, L. B. - Problem of determining the required annual cooling power of air conditioning systems p. 151.

MEKHANIZATSIA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet po delam stroitel'stva SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee for Construction in the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Construction Industry]. Moscow, vol. 22, no. 7, July 1965.

Table of contents translated:

- Sukhachev, I. A. - Mobile mechanized task force in rural construction. p. 2 of cover.
- Shapiro, B. E. - Technical equipment of mobile mechanized task force. p. 3.
- Shimanovich, S. V. - Mechanization of heavy and labor-consuming work in the construction of water supply systems in irrigation areas of the R.S.F.S.R. p. 4.
- Zizenberg, G. K. - Automated lines for preparing cylindrical reinforcing frames. p. 8.
- Abbasov, Z., Perceverov, B. A. - Automation of vibration compaction of reinforced concrete products. p. 11.
- Chiskil, V. A., Golubev, A. V. - Welding of three-dimensional reinforcing frames. p. 14.
- Usol'tsev, V. P. - Preparation of reinforcing frames for exterior wall panels. p. 16.
- Kapukhov, B. I. - Manufacture of reinforced concrete piles at construction yards. p. 17.
- Chernov, T. P., Gritzenov, B. P. - Improve the equipment for gunite work. p. 18.
- Golubchik, N. T. - Device for dismantling semilanes of the E-153 excavator. p. 20.
- Kolbasnik, B. S. - Improvement in lubricant refinement in the testing of engines. p. 21.
- Pozniakov, A. P. - Rod with two injectors. p. 22.
- Pozniakov, A. P. - Spring punch. p. 23.
- Vorob'eva, L. S. - Equipment perfected by the Main Construction Administration of the Western Regions. p. 23.
- Yot'son, A. V. - Reinforcement work. p. 24.
- Zelentsova, L. I., Khovanskii, O. A. - Wind gauges for tower cranes. p. 25.
- Vontovskii, I. A., Blochovskii, Z. B. - V-B concrete mixer. p. 26.
- Alekseev, A. G. - Transportation facilities for moving concrete mix. p. 28.

Vol. 22, no. 9, Sep 1965.

Table of contents translated:

- Shkudin, B. M. - Basic trends in the development of hydromechanization. p. 2 of cover and 1.
- Shanenko, F. F. - Hydromechanization in the rock products industry. p. 2.
- TSarevskii, A. M. - Hydromechanization of land reclamation operations in agriculture. p. 5.
- Dzharvashvili, A. G. - Hydraulic hammers in pulp conveying equipment. p. 7.
- Gorlin, M. A. - Hydromechanization in the construction of the Volga-Baltic Sea Waterway. p. 10.
- Shargorodskii, A. D. - Rapid method for hydraulic filling of earth dams in the construction of the Kiev Hydroelectric Power Station. p. 14.
- Uporov, N. G. - Dredge excavator with automatic control. p. 16.
- Tavrizov, V. M. - Nozzles for pulp ducts. p. 19.
- Zimin, P. A. - Mechanization of the assembly of process equipment of the enterprises of the industry. p. 21.
- Intencluk, A. N. - Manufacture and assembly of process piping. p. 23.
- Lashina, E. A. - Hydromechanization of construction work. p. 26.
- Ivanov, N. A. - Domestic dredgers. p. 26.
- Chernyshev, A. - Hydromechanization in rural construction. p. 31.

MONTAZHNYE I SPETSIAL'NYE RABOTY V STROITEL'STVE [ASSEMBLY AND SPECIALIZED OPERATIONS IN CONSTRUCTION]. Organ of Gosudarstvennyi proizvodstvennyi komitet po montazhnym i spetsial'nym rabotam SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Production Committee for Assembly and Specialized Operations in the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 27, no. 5, May 1965.

Table of contents translated:

- Zit'berg, A. L. - For high quality in assembling and specialized operations. p. 1.
- Bogdanov, N. I., and others. - Assembly-line and speedy construction of a plant manufacturing ball-bearing pipes. p. 3.
- Levenson, I. A. S. - Assembling continuous prestressed crane runways. p. 8.
- Kharag, Z. B. - Studies of the process of assembling heavy equipment. p. 9.
- Spektor, M. D., and others. - Assembling the bearing frame of single-story industrial buildings. p. 12.
- Golub, L. G. - Characteristics of the erection of coke batteries with large ovens. p. 14.

Brigade of A. A. Mal'bozoda, Hero of Socialist Labor. p. 18.

- Kachalov, V. P. - Preparing foundations under equipment. p. 19.
- Shabel'zon, M. V., Gorbisberg, F. I. - Device for encasing wires and cables in protective tubes. p. 20.
- Itkin, I. A., Tumanovich, B. N., Kostenko, L. P. - Mechanizing the assembling of sanitary equipment. p. 21.
- Zavskvskii, M. I. A., Rossomakhin, I. A. V., Shapiro, T. M. - Textile shafts for bending stainless steel pipes. p. 24.
- El'ash, M. L. - A new type of detachable joint for oil pipelines. p. 25.
- Tukhvatullin, R. I. - Improve the quality of reinforcement for construction in the chemical industry. p. 26.
- Prokof'ev, V., Trofimov, G. - Preparing cooling batteries for refrigeration equipment. p. 27.
- Makarov, I. U. V., Popkov, F. K. - Economic effectiveness of various methods of assembling equipment. p. 29.

MOSCOW, GOSUDARSTVENNYI VSESOUZNYI NAUCHNO-ISLEDOVATELSKII INSTITUT TSEMENT-NOI PROMYSHLENNOSTI, Trudy [STATE ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF THE CEMENT INDUSTRY, Transactions]. No. 18, 1963.

Table of contents translated:

- Meslik, A. F. - Investigation of the convection heat exchange in chain curtains. p. 3.
- Gofman, G. M. - Method of controlling the moisture of a raw material mixture in rotary kilns. p. 11.
- Chernikhovskii, V. A., Myshlaeva, V. V., Rolak, S. M. - Structure of periclase in cement clinkers. p. 29.
- Rolak, S. M., Klotchuk, L. A. - Production of portland cement clinkers from two-component mixtures on the basis of bellite slurry. p. 50.
- Lopatinikova, L. A., Guseva, V. I. - Hydration kinetics of tricalcium silicates. p. 63.
- Lopatinikova, L. A. - Petrographic method of controlling the quality of cement. p. 75.
- Okorokov, S. D., Golynko-Vol'son, S. L., Iarkina, T. N. - Effect of mineralizers containing fluorine on the stability and formation of the aluminoferrite phase of portland cement clinkers. p. 87.
- Lisov, A. N. - Problem of determining the production capacity and production program in the cement industry. p. 97.

MOSCOW, INZHENERNO-STROITEL'NYI INSTITUT, Shornik trudov [CIVIL ENGINEERING INSTITUTE, Papers]. No. 48, 1964. Dams.

Table of contents translated:

- Grishin, M. M. - On rockfill dams. p. 6.
- Pospelov, V. N. - Estimate of dimensions in calculating the stability of slopes. p. 10.
- Reznov, N. P. - Some comparative characteristics of arch dams. p. 29.
- Orekhov, V. G. - Calculation of the stressed state of an arch dam caused by the action of lateral seismic load. p. 35.
- Rozanov, N. P., and others. - Experimental research on the stressed state of the Nurek Arch Dam. p. 48.
- Gordienko, P. I., and others. - Study of brittle materials for the models of hydraulic structures. p. 65.
- Gordienko, P. I. - Vibration method of determining the hydrostatic load on the model of hydraulic structures. p. 75.
- Kaganov, G. M. - Some problems of similarity in performing the investigation on models from brittle materials. p. 83.
- Orekhov, V. G. - Thermal stresses of flat concrete constructions taking into account their reinforcement. p. 91.
- Sil'skii, S. M. - Calculation of stresses in the water races of two-story dams with bottom operation. p. 104.
- Mols, P. P. - Scales rectifications to the coefficient of the discharge of circular spillway funnels. p. 118.
- Tel'tovskii, A. I., Zaitsev, M. G. - Laboratory investigation of the "USKA-4" vacuum profile. p. 124.

MOSCOW, NAUCHNO-ISLEDOVATELSKII INSTITUT ASBESTA, SLUDY, ASBESTOTSEMENTNYKH IZDELII I PROEKTIROVANIYA STROITEL'STVA PREDPRIIATII SLUDIANOI PROMYSHLENNOSTI, Trudy [SCIENTIFIC RESEARCH INSTITUTE OF ASBESTOS, MICA, ASBESTOS-CEMENT PRODUCTS, AND FOR THE DESIGN OF PLANTS FOR THE MICA INDUSTRY, Transactions]. No. 19, 1965.

Table of contents translated:

- Berkovich, T. M., and others. - Capillary water saturation of asbestos cement and its effect on the reinforcing properties of chrysotile-asbestos fibers. p. 3.
- Volchok, I. Z., Kramla, Z. F. - Effect of the pressure force of semidry asbestos cement mixtures on the physicochemical properties of sheet products. p. 21.

- Slavina, T. M., Blokh, G. S., Sokolov, P. N. - Use of coarse dispersion cement for making "VO" sheets at the Brocent cement-slate combine. p. 31.
- Barbakadze, E. O., Fedorova, K. A. - Stability of asbestos cement in sulfate waters. p. 42.
- Iomakin, P. I., Chechenin, M. F. - Problem of the study of gas flow through the walls of asbestos-cement pipes. p. 56.
- Aliferenkov, A. D. - Investigation of the operation of asbestos cement pipes under dynamic loads. p. 62.
- Blokh, G. S., Ioromashvili, I. N. - Laboratory methods of preparing asbestos-cement samples. p. 70.
- Dolinskaya, E. S., Gannalunov, I. I., Berkovich, T. M. - Using radiotopes for examining the thermal gradient transfer of moisture in the "raw" asbestos cement. p. 80.
- Lukoshkina, L. A., Komarova, N. I., Medvedeva, E. P. - Utilization of the M-6 and K-6 short-fibrous asbestos in the production of asbestos-cement products. p. 98.

PROMYSHLENNOE STROITEL'STVO [INDUSTRIAL CONSTRUCTION]. Organ of Gosudarstvennyi komitet po delam stroitel'stva SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee for Construction in the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 42, no. 8, 1965.

Table of contents translated:

- Nekrasov, K. S. - Use of electronic computers in the distribution of storeshouses of mineral fertilizers. p. 2.
- Dokshitskii, B. M. - Experimental consolidated enterprises of the food industry and trade in Zelenograd, Gelendzhik and Mirninsk. p. 4.
- Sifonov, V. I., Okunev, A. I. - Experimental project of a one-story refrigerating plant. p. 10.
- Bulko, M. A. - Canister from unified standard units. p. 13.
- Dobromyslov, N. S., Solius, I. U. M., Barko, A. S. - A new series of unified elements of panel walls. p. 15.
- Burakas, A. I. - Elements of floor beams for multi-story industrial buildings with enlarged networks of columns. p. 19.
- Eliseev, I. U. A., and others. - Construction of glass container storeshouses from hipped mesh-reinforced concrete elements. p. 23.
- Mitsel'skii, R. N. - Selecting suitable prefabricated three-dimensional elements for roofs of one-story industrial buildings. p. 25.
- Isaev, F. A., Nozhitskii, V. A., Semenov, V. B. - Joints for precast reinforced concrete panels of rectangular slabs. p. 28.
- Bel'shev, B. I. - Ensaue a thorough investigation of the causes of building failures. p. 31.
- Chulko, A. V., and others. - Corrosion of structural elements of dairy plants. p. 34.
- Poll'shchuk, V. A., Ravinskii, L. M. - Industrial buildings on piles with an enlarged base. p. 36.
- Drivina, I. A., Shapiro, V. D. - Effect of the method used in assembling a frame structure on the stressed state of its elements. p. 40.
- Voldarskii, B. A., and others. - Crane beams from 15GF steel. p. 41.
- Kolesnikov, V. G. - Prestressing in steel single-span crane beams. p. 43.
- Plenum in the Scientific and Technical Society of the Construction Industry. p. 48.

Vol. 43, no. 9, 1965.

Table of contents translated:

- Alfandov, I. U. N., Spiridonov, V. M. - Provide industrial construction with high quality polymer materials. p. 2.
- Moshchanskii, N. A., Pulinov, I. E. - Use of cementless concrete in industrial construction. p. 4.
- Safonov, N. F., Krivorotov, A. S. - Polymer cement concrete floors in construction and in the course of their use. p. 6.
- Dal'matov, V. I. A., Surov, A. N. - Utilization of polyvinyl acetate-cement-concrete floors. p. 9.
- Nikiforov, I. A., Noskov, S. K., Samokhina, T. M. - Experience in using reinforced roofs. p. 11.
- Pavlaev, M. I., Vorob'ov, A. M. - Rules for the arrangement of mastic roofs reinforced by glass materials. p. 13.
- Tugushev, K. Kh. - Use of plastics in skylight construction. p. 16.
- Phechentain, L. S., Naumov, V. N., Sokolov, G. V. - Practice in using polyethylene in construction. p. 19.
- Dokhtar', A. I. - Precast monolithic three-dimensional roofing for industrial buildings. p. 20.
- Bulgakov, S. N. - Graphic work schedules in the continuous construction of industrial buildings. p. 25.
- Bravinskii, G. I. - Construction of a sulfuric-acid plant using graphic work schedules. p. 32.
- Dol'nik, R. M., and others. - Experience in planning the construction work. p. 34.
- Akhmatov, M. M., Marshak, S. A. - Closed shield tunneling in the construction of sewers. p. 37.
- Bo'skii, G. E., Dionisadi, L. N. - Investigation of mechanical properties of high-strength steels. p. 40.

Krantsfel'd, I. A., L., Loslevskaya, I. K., Rusanov, M. E. - Tolerated flexures in carrying structures with suspension conveying systems p. 14

PROMYSHLENNOE STROITEL'STVO I INZHENERNYE SOORUZHENIYA [INDUSTRIAL CONSTRUCTION AND ENGINEERING STRUCTURES] Issued by Gosudarstvennyi komitet po delam stroitel'stva USSR [State Committee for Construction in the U.S.S.R.] and others Kiev, vol. 4, no. 6, Nov.-Dec. 1962.

Table of contents translated

Kurylo, A., Mamontov, N., Shapovalov, S. - Precast prestressed concrete shell for the roofing of industrial buildings p. 1.
 Liberman, A., and others - Experimental investigations of the panels for the roofing of industrial buildings p. 5.
 Golovkin, V., Batinskii, G. - Assembling structural elements for an open-hearth plant p. 11.
 Platonovskii, A. - Conveying gallery made from precast elements p. 16.
 Burakas, A. - Elements for multistory industrial buildings with enlarged column nets p. 18.
 Karuna, E. - Preparatory work for assembling the structures of a section of ball-bearing pipes p. 24.
 Shepel'ov, V. - Main body of the Kriyov Itog thermal electric power plant in precast reinforced concrete p. 28.
 Pizhlianis, S. - Projecting the assembly-line construction of thermal electric power plants p. 32.
 Metelink, N., Sapunov, V. - Taking shrinkage stresses into consideration in the precast-monolithic structures of the Kiev Hydroelectric Power Station p. 39.
 Mikhail'skii, A. - Using precast reinforced concrete in construction on sill areas p. 42.
 Denderin, I. - Precast reinforced concrete multistage radial thickeners p. 47.
 Ashkinazi, M. - New structures for steel gasoline-storage tanks p. 53.
 Gurevich, E., Smykuzhevskii, L. - Standardizing heavy-duty gantry cranes p. 56

Vol. 7, no. 4, July-Aug. 1965.

Table of contents translated

Sumitskii, O. - Improving metal structures for industrial buildings p. 1.
 Sinkarev, B. - Weldability of high-strength structural steels p. 6.
 Vorob'ev, V., Sidorov, V. - Mechanization of welding processes p. 8.
 Raskin, V., Kilyenko, V. - ZSTM-1 unit for automatic lap welding of steel sheet blanks for airducts p. 10.
 Krivosheikov, G. - Reinforcement of roof beams of the PK-01-07 series p. 11.
 Aizenberg, M. - Advanced welding methods in electrical assembly operations p. 14.
 Ganpatsura, A., Kardovskii, I. - Cleaning and painting vertical steel tanks p. 18.
 Beletskii, I. U., and others - Prestressed 3x12 m shell panels for roofing industrial buildings p. 20.
 Kasilov, A. - Classification characteristics of suspension roofs p. 22.
 Platonovskii, A., Solovskii, V. - Prestressed slabs for lining canals p. 25.
 Nizhnikovskii, G., Taranov, I. U. - Effectiveness of jigs in the assembly of reinforced concrete columns p. 26.
 Demchenko, A. - Overall distribution of industrial enterprises p. 29.
 Vidman, M., Makinovskii, L. - Principles of continuous operation, graphic work scheduling and control in the erection of coke oven batteries p. 31.
 Zvezdin, O. - Overall mechanization of concreting operations in the industrial construction p. 34.
 Chanyshov, R. - Remodeling the "Kadavets-880" crane into a mobile crane p. 35.
 Dashovskii, M., Fikson, S., Khel'fel, S. - Increasing the range of operation and lifting capacity of the BK-406A crane p. 37.
 Shil'man, E., Berozovskii, V. - Nondaphragm elements of bridge spans p. 41.
 Rozentfel'd, L. - Verification of the carrying capacity underlaying layers in calculating the deformations of foundation beds p. 44.
 Selection of a better type of joints for steel structural elements p. 46.

PUTI I PUTEVOE KHOZIAISTVO [RAILROAD TRACKS AND ROADWAY MAINTENANCE] Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.] Moscow, vol. 9, no. 8, 1965.

Table of contents translated

Shakhmurov, G. M. - Problems of the introduction of a slab track substructure p. 1.
 Plotnikov, P. E., Kudryashov, V. M. - Learning to live and work the communist way p. 5.
 Koshitskii, M. I. - Public inspection is a powerful factor p. 8.
 Frishman, M. A., Dolitskii, V. L., Vinokurov, L. I. - Maintenance of tracks with a slab substructure p. 11.

Ezlashvili, M. N., Korol'kov, N. M. - Guardrails prevent the sidewater of rails p. 13.
 Dubovik, N. F. - Section of volunteer specialists in the Division p. 15.
 Kolgatin, D. F., Gromov, L. K., Shepotin, K. I. - Expand the practice of important experiments p. 16.
 Lotaitsev, V. P. - Automation of drainage systems p. 18.
 Kuvaldin, B. I., Laptev, V. A. - Increasing the stability of narrow-gauge continuous rail tracks p. 20.
 Marchuk, I. D. - Take into account the work of railroad subdivisions p. 21.
 Tsvetkovskii, Sh. I. - Our methods for the organization of thermite welding p. 22.
 Sholokhov, A. N. - Providing for a faultless operation of the block system p. 23.
 Novitskii, I. S. - Rail lifter p. 23.
 Daikovich, V. N., and others - Selecting ties by the length of rail lengths p. 24.
 Bul'ba, T. G. - Practicing a complete overhauling of rails p. 25.
 Gostevskii, V. F., Ososkii, P. M. - Preventing defects in tunnels p. 26.
 Butolev, M. G. - Repair of bridges without traffic interruption p. 27.
 Nurullin, Sh. N. - Adjustment of floating bearing rollers p. 27.
 Baizov, S. E. - Initiating progressive practices p. 28.
 Results of the discussion on business accounting p. 29.
 Rail and news p. 31.
 Provodina, M. N. - Automation in the plant for the chemical treatment of ties p. 32.
 More ties effectively treated with preservatives p. 35.
 Scientific and technical conference on the development of industrial transportation p. 36.
 Tyvokhob, N. F. - Tie fastening p. 38.
 Vol'kovich, I. U. N. - One hundred proposals in one year p. 37.
 Petrunina, L. N. - Needed type of lever jack p. 38.
 Kapushchenko, N. I., Al'brekht, V. G. - Creep of rails caused by the passage of six-axle cars p. 40.
 Iuzhenko, N. N., Shelengovskii, D. F. - Protective tree planting improves the microclimate p. 41.
 New standards for rails p. 42.
 Letters to the editor p. 43.

STROITEL'NYE MATERIALY [BUILDING MATERIALS].

Organ of Gosudarstvennyi komitet po promyshlennosti stroitel'nykh materialov pri Gosstroie SSSR [State Committee for the Building Materials Industry, Attached to the State Committee for Construction in the U.S.S.R.] Moscow, vol. 11, no. 5, May 1965.

Table of contents translated
 Improve the effectiveness of research work p. 1.
 Cherenetko, B. N., Kats, M. E. - What delays the adoption of the manufacture of cast finishing tiles p. 3.
 Fel'zenbaum, V. G. - Electronic computers in economic planning p. 4.
 Automating production and introducing electronic computers in the building materials industry p. 7.
 Gulyovskii, O. L. - Automatic control of the dosing and loading of lime kilns p. 10.
 Leikin, M. G. - Industrial testing of atom-cutting machinery with various types of drive p. 11.
 Rudneva, L. N., Sotnikova, K. V. - Manufacturing large asbestos cement sheets on automated equipment p. 13.
 At a branch conference in Kiev p. 14.
 Lundina, M. G. - Organizing the manufacture of face brick p. 19.
 Magnitskii, A. V. - Practices of the Ural Chemical Machinery Plant p. 21.
 Chubarov, G. S. - Give brick plants an improved management structure p. 23.
 Fadeeva, V. S., Gershkovich, B. M., Shapiro, T. M. - Deformation of structural plastics in machinery and rheological instruments p. 25.
 Mikhaiko, V. R. - Nature of deformations in cellular concrete during steaming p. 28.
 Kosyrya, Z. S., and others - Monolithic polystyrene plastic foams in construction p. 30.
 Ferronskaya, A. V., Pulin, M. V. - Accelerated method of selecting ingredients for gypsum-cement-pozzolanic binder p. 32.
 Goshin, I. A. - New developments in the manufacture of bricks p. 37.

Vol. 11, no. 8, Aug. 1965.

Table of contents translated:

More building materials to the national economy p. 2.
 Farfel, I. A. V. - Contribution of innovators p. 4.
 Nemtsov, I. B. - Nikolai Alekseevich Shoyakov, an excavator operator and honored construction worker of the R. S. F. S. R. p. 6.
 Bortula, P. P. - Planned indices of a sand-lime products enterprise were exceeded p. 7.
 Pruzhanskii, G. D. - Progress in the technology of slate in Dushanbe is slow p. 8.

Sheiman, E. Sh. - Ways to eliminate deficiencies in the operation of tunnel kilns p. 9.
 Lebedev, P. D. - A method of calculating the conditions of nondefective drying of ceramic wall materials on the basis of the theory of probability p. 12.
 Rusakov, K. I. - Technological classification and present-day methods of processing stone p. 15.
 Novikova, E. T., and others - Latex base heat and sound insulating materials for subflooring p. 17.
 Shtichkin, K. P., and others - Unit for continuous forming of the glass reinforced plastic with a cross wave p. 18.
 Makarenko, G. G., Krasnovskaya, O. A., Summell, D. D. - Improving the quality of "porolol" (sealing material) p. 19.
 Borisov, P. A., Kuz'min, V. I. - Industrial waste of petroleum refining is a valuable raw material p. 22.
 Doronnikov, I. M., Dushina, E. M., Fliskina, R. A., and others - Anticorrosion polymer solution on the basis of fatty resins and mineral fillers p. 23.
 What will be shown in the Soviet Pavilion of the International Exhibition "Chemistry in the Industry, Construction, and Farming" p. 24.
 Dubrovina, N. I., and others - Quality of raw materials and the crack resistance of cellular concrete panels in a steaming process p. 25.
 Piskov, V. A. - Physical basis of the parabolic relation between the volume and the fineness of cellular concrete p. 27.
 Blumen, L. M., and others - Formation and properties of lime-belite binders p. 29.
 Budnikov, P. P., Galvanskii, S. I. A., Petrov, L. K. - Role of gas medium in the formation of the cellular structure of keramzlit p. 32.
 Conference on cellular concretes p. 33.
 Binder, I. A. - Pit mills for making lime flour p. 35.
 Stabin, I. P. - High-strength fillers from local raw materials p. 36.

STROITEL'STVO TRUBOPROVODOV [PIPELINE CONSTRUCTION]. Issued by Gosudarstvennyi proizvodstvennyi komitet po gazovoi promyshlennosti SSSR [State Production Committee for the Gas Industry of the U.S.S.R.] Moscow, vol. 10, no. 9, Sep. 1965.

Table of contents translated

Smirnov, K. K. - Ensure the success of the last year of the seven-year plan p. 1.
 Zaitsev, K. I. - Joining pipes from polymer materials p. 4.
 Iashin, E. M., Rashchepkin, K. E., Chernikin, V. I. - Resistance of underground pipelines under temperature influences p. 7.
 Taran, V. D., Slepachuk, V. T. - Investigation of the possibility of diffusion welding of mains p. 11.
 Alekseev, N. I., Protodopov, V. B. - Investigation of flange couplings for flanged pipes p. 14.
 Kaverin, S. N. - Erection of a series of installations from precast reinforced concrete in the Shkapskaya oil field p. 16.
 Galkova, Ch. Sh. - Training of personnel in the Combine for Building Petroleum Storage Units and other Petroleum Industry Facilities of the Tatar Petroleum Industry p. 17.
 Tables for determining the volume of earthwork and surface width of trenches p. 19.
 Sparanskii, V. I. U. - Two-shift organization of pipe laying and insulating operations p. 23.
 Sysoev, S. F., Fridlev, V. N. - Electric warming up of automobile engines in winter p. 23.
 Dvorovoi, M. A. - Use of thermoelectric generators for feeding cathodic protection installations p. 25.
 Sluchanko, N. A. - Using the installation for field production of carbon dioxide p. 26.
 Bratin, I. U., Sosonko, A. M. - Apparatus for feeding magnetizing devices p. 27.
 Markel'yev, B. I., Maltsev, V. I. - Results of the application of the progressive wage system p. 29.
 Fedorov, V. I., Abramovich, A. I. - Supplying gas to industrial enterprises of the Southern Ural region p. 31.
 Boguslovskii, P. G. - Create high-capacity machinery for trenching in solid rock p. 32.
 Belov, B. I. - Furnish more accurate formulas for determining pressure reduction p. 36.
 Davidovich, P. I. A. - Take into account characteristics of the construction of pipelines in determining the annual standards of machine utilization p. 36.

VODOSNABZHENIE I SANITARNAYA TEKHNIKA [WATER SUPPLY AND SANITARY ENGINEERING]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction], Moscow, no. 9, Sep. 1965.

Table of contents translated

Abichenko, I. I., Gracheva, T. A., Minkina, M. V. - Purification of the waste water of phosphorus plants p. 1.
 Iakovlev, S. V., Laskov, I. U. M., Voronov, I. U. V. - New design of the equipment for biochemical purification of waste waters p. 4.
 Lukinykh, N. A., and others - Removal of synthetic surface-active agents from the waste water in aeration tanks p. 6.

- Shabalov, A. F. - Hydropneumatic cleaning of closed heat exchangers. p. 8.
- Kuchenko, D. I. - Conditions of the deposit-free operation of return water supply systems. p. 11.
- Veitser, I. U., Steina, R. M. - Cation flocculants for drinking water purification. p. 14.
- Kazanskaya, L. S. - Air conditioning of capon factories. p. 16.
- Krantsel'd, V. D. - A new ventilation system for viscose factories. p. 21.
- Leikin, I. N. - Conveying and filtration of the air contaminated by dangerous explosives. p. 25.
- Kagan, D. F. - Durability of pipes from thermoplastic materials. p. 30.
- Shepelev, I. A., Ivanitskaya, M. I. U. - Coiled plastic air pipes. p. 36.

e. ELECTRICAL ENGINEERING

*ATOMNAYA ENERGIYA [ATOMIC ENERGY] Issued by Akademiya nauk SSSR and Gosudarstvennyy komitet po ispol'zovaniyu atomnoy energii SSSR [Academy of Sciences of the U.S.S.R. and the State Committee on the Use of Atomic Energy of the U.S.S.R.]. Moscow, vol. 19, no. 2, Aug. 1965.

Table of contents translated.

- Aleksandr Pavlovich Vinogradov on his 70th birthday p. 11.
- Donets, L. D., Shchegolev, V. A., Ermakov, V. A. - Synthesis of the 103rd element (lawrencium) with mass number 256. p. 109.
- Elismont, V. P. - Fission neutrons from excited nuclei. p. 113.
- Zommer, V. P., Savell'ev, A. E., Prokof'ev, A. I. - Instant fission gamma-quanta. p. 116.
- Shafanov, V. D. - Classical heat conductivity in a toroidal plasma filament. p. 120.
- Balbekov, V. I., Koltomenskiy, A. A. - Coherent instability of betatron oscillations in accelerators and storage devices. p. 126.
- Emel'yanov, I. A., Gavrilov, P. A., Seliverstov, B. N. - Study of the dynamic characteristics of the first block of the I. V. Kurchatov Beloyarsk Atomic Power Plant. p. 131.
- Korjakin, I. U. I., and others. - Methods for calculating the cost of water and electric power for atomic desalting plants. p. 139.
- Papilov, I. I. - Aging of beryllium. p. 144.
- Kurpov, M. M. - Corrosion of apparatus from stainless steel due to concentrated vaporization of radioactive solutions. p. 153.
- Zhelezov, V. S., and others. - Continuous centralized control of individual radiation doses. p. 157.
- Bykhovskiy, A. V., Chesnokov, N. I., Shal'ev, I. L. - Efficient safety measures for the protection from radiation of personnel engaged in the extraction of uranium ores. p. 161.
- Syromiatnikov, N. G. - Use of isotope ratio $\frac{t_{234}}{t_{238}}$

in interpreting uranium anomalies in loose formations p. 169

- Shafanov, V. D. - Balance of pressures in a toroidal plasma filament. p. 175.
- Romanov, V. A., Serbinov, A. N. - Some characteristics of an accelerating tube with sloping fields. p. 176.
- Kiknadze, G. I., and others. - Indium-gallium radiation loop for pool reactors. p. 179.
- Kiknadze, G. I., Zakharov, D. M., Mol'nikova, L. V. - Determining the stability of 1Kh18N9T (stainless steel) and VT-1 titanium in an alloyed indium-gallium medium. p. 177.
- Kiknadze, G. I., and others. - Indium-gallium alloy as a gamma carrier for radiation loops. p. 178.
- Gromov, B. F., and others. - Angular and energy distribution of gamma radiation on the surface of volume source. p. 179.
- Andreev, O. L., and others. - International comparisons of neutron sources. p. 181.
- Ivanov, G. K., Salasov, I. U. S. - Resonance interaction between neutrons and molecules. p. 183.
- Nikolov, O. P., Petryuk, K. A. - Relative yields of groups of delayed neutrons in ^{235}U photofission. p. 185.
- Popeko, L. A., and others. - Delayed gamma radiation in ^{235}U fission. p. 186.
- Kondurav, I. A., and others. - Reactor cross section of Pm^{140} burnup and samarium poisoning. p. 188.
- Borishanskii, V. M., and others. - Heat transfer in the boiling of alkali metals. p. 191.
- Makhlis, F. A., Bregor, A. Kh. - Use of the gamma-radiation method in calculating the efficiency of radiation apparatus with planar irradiators. p. 193.
- Toren'ev, B. M., El'tekhov, V. A., Bregor, A. Kh. - Absorption of gamma radiation from a point source in macrosystems. p. 198.
- Izrael', I. U. A., and others. - Gamma-ray spectrum of an artificial model of radioactive fallout. p. 199.
- Sobol', N. V., Potushkov, A. A., Bregor, A. Kh. - Calculation of fresh air requirements in rooms housing high-power gamma-ray sources. p. 201.
- Konovaty, E. A., Ploshchanskii, L. M., Solov'ev, V. A. - Use of polyethylene sampling tubes for dosimetric air control. p. 201.

- Kutovov, V. I., Stetsenko, V. I. - Linear damping coefficient of gamma rays from Co^{60} and Cs^{137} by various alloys. p. 203.
- Lobanov, E. M., and others. - Use of radioscopes in testing the lining of rotary cementation furnaces. p. 204.
- Zemlinov, M. G. - Third International Symposium on Inelastic Scattering of Neutrons by Solids and Fluids. p. 206.
- Kuz'minov, B. D. - Symposium on the Physics and Chemistry of Fission. p. 207.
- Obaturov, G. M. - Symposium on Individual Dosimetry in the Case of Accidental External and Internal Overexposure. p. 209.
- Mikhailovskii, A. B., Stepanov, K. N. - Soviet physicists visiting England. p. 211.
- Lurie, L. S., and others. - Irradiation plants at the All-Union Scientific Research Institute for the Electrification of Agriculture. p. 212.
- Modernization of the GUT-400 gamma therapy apparatus. p. 216.
- New radiation chamber in Poland. p. 217.
- Andreev, V. D. - Uranium industry of the capitalist countries in 1964. p. 219.

Vol. 19, no. 3, Sep. 1965.

Table of contents translated.

- Blinov, P. I., Zakatov, L. P. - "Runaway" electron interactions with plasma in a C-1 stellarator. p. 233.
- Chirkov, B. V. - Stability of a partially compensated electron beam. p. 239.
- Nagayev, F., and others. - Distribution of specific ionization along the track as dependent on the initial energy of U^{235} fission fragments. p. 244.
- Vertebnyy, V. P., and others. - Total neutron cross sections of Re^{185} and Re^{187} . p. 250.
- Meyer, K. - Neutron spectra of heterogeneous media. p. 253.
- Danilin, V. S., and others. - Some characteristics and limit power of diphenyl turbines in a heating system. p. 257.
- Smolin, V. N., and others. - Test stand study of the starting conditions for the I. V. Kurchatov Beloyarsk Nuclear Power Plant. p. 281.
- Azhayba, V. M., and others. - Change in the properties of beryllium due to aging. p. 289.
- Lavrentovich, I. A. I., and others. - Gamma-ray and neutron dosimetry in nuclear reactors by means of colored polyvinyl alcohol films. p. 273.
- Nevskiy, V. A., Kozlova, P. S. - Two genetic types of postmagmatic thorium-rare-earth deposits. p. 277.
- Prokof'ev, N. S. - Economic efficiency of using nuclear radiations in the production and treatment of farm produce. p. 282.
- Snedkov, B. A. - Use of a resonator buncher in producing accelerated monokinetic electron clusters with a high trapping percentage. p. 287.
- Shirkin, L. M. - Use of the Monte Carlo method in calculating the passage of fast neutrons through hydrogen. p. 288.
- Danilov, V. I., and others. - Increasing the pulse duration of particle beams from a 680 Mev. OJAI synchrocyclotron. p. 289.
- Stavitskiy, I. U. A., Sherman, L. E. - Propagation of resonance energy neutrons in uranium. p. 292.
- Kupchegashvili, S. P. - Cross sections of radiative capture of $1-50,000$ ev neutrons by V, Zr, Zr^{90} , Zr^{91} , Zr^{94} nuclei. p. 294.
- Kenzhebaev, Sh. - Model of a heavy monatomic gas and unsteady thermalization of neutrons in lead. p. 296.
- Belin, I. U. P., and others. - Use of a zirconium-tritium source for nondeposition X-ray spectrum analysis. p. 297.
- Subbotin, V. I., and others. - Removal of sodium-water interaction products in a circulation system. p. 298.
- Vargafik, N. B., Zimina, N. Kh. - Heat conductivity of helium at a temperature of $0^\circ-1000^\circ\text{C}$ and a pressure of $1-200$ atm. p. 300.
- Zaitsev, L. N., and others. - Shielding parameters of concrete. p. 303.
- Arkhangelskiy, A. A., Volkovskiy, R. I. U. - Sensitivity of the scintillation method in gamma-ray defectoscopy. p. 308.
- Bregadze, I. U. I. - Disturbing the homogeneity of an ionization chamber by a conducting covering. p. 309.
- Bocharov, I. A., and others. - Measuring the exposure of town inhabitants in the U.S.S.R. to background radiation. p. 311.
- Averkiev, V. P. - Moscow conference of specialists from the Council of Mutual Economic Assistance on problems affecting the use of ionizing radiation. p. 313.
- Frolov, V. V. - Scientific Conference of the Moscow Engineering and Physical Institute. p. 314.
- Sukhoruchkin, S. I. - Fifteenth Annual Conference on Nuclear Structure. p. 316.
- Gorskii, V. - International Symposium on Nondestructive Testing in Nuclear Technology. p. 317.
- Leksin, G. A. - Spring School of Theoretical and Experimental Physics. p. 318.

AVTOMATIKA, TELEMEXHANIKA I SVYAZ' [AUTOMATIC CONTROL, REMOTE CONTROL, AND COMMUNICATIONS]. Organ of Ministerstvo puti soobshcheniya SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 9, no. 8, Aug. 1965.

Table of contents translated.

- Linkov, I. A. I. - Under the supervision of the Soviet public. p. 1.
- Snarskiy, A. A., Legal, I. V. - Improved operation of the smoothing filters of traction substations. p. 5.
- Andrianov, V. P., Gzhalov, G. G., Tolstol, V. V. - Transmission of data to a railroad computer center. p. 10.
- Leading work practices in construction. p. 10.
- Byshtitskiy, A. A. - Measurement of the insulation resistance of centralized traffic control cables with minimum equipment disconnection. p. 18.
- Selenev, N. V. - Adjustment of levels in NTCM-4 equipment. p. 24.
- Trifonov, I. U. V. - Device for checking automatic ticket reading machines. p. 27.
- Pelenov, S. - Great objectives of a small collective. p. 28.
- Gogin, D. G. - Change in the circuit of the DRS-R-59 bay. p. 33.
- Shokhov, P. A. - How to prevent short-circuits in ABN-72 storage batteries. p. 34.
- Ivashchenko, R. S. - Connection of batteries in equipment with voice-frequency ringing. p. 35.
- Smukhov, K. F. - Device for checking code pulses in dispatcher controlled interlocking. p. 36.
- Belykh, I. M. - A busy worker. p. 39.
- Petrov, V. M. - A meeting with our readers. p. 40.
- Technical consultation. p. 42.
- Knots and loops. p. 43.

Vol. 9, no. 9, Sep. 1965.

Table of contents translated.

- Buts, V. D. - Scientific organization of work in signaling and communication departments. p. 1.
- Tantshira, A. A. - Conditions of the self-excitation of sinusoidal oscillations. p. 4.
- Kalinin, A. V. - Two-stage RC-generator. p. 6.
- Karakov, A. A., Stepanik, B. M. - Choice of standard logical elements for centralized traffic control devices. p. 11.
- Rabinovich, G. D. - Operation of track circuits in a jointless track with reinforced concrete ties. p. 14.
- Breda, A. I. - Scientific organization of work in control and test stations. p. 16.
- Iedulov, E. A., Zhokh, V. P. - Increasing the reliability of communication apparatus. p. 23.
- Kurapkina, V. I. - Special features of long-distance dial sending units. p. 27.
- Taranov, I. A., Sichenkov, V. I., I. U. G. Balenko, an outstanding electromechanical technician. p. 30.
- Shpilov, A. A., Lesovoy, I. F. - It is imperative to improve the test benchboard. p. 31.
- Pita, I. U. D. - Replacement of decoder cells by means of a model. p. 32.
- Vivensov, S., Glukhov, V. - Transistorized converter for the power supply of radio transmitter-receivers of diesel locomotives. p. 33.
- Leitchevskiy, B. L. - Adjustment of the FM discriminator and IF amplifier of the Zhr-3 transmitter-receiver. p. 35.
- Belazo, I. A., Maruta, P. I. - Three-wire control system of a switch. p. 36.
- Diachev, V. F., Zhuravlev, V. A. - Improvement of an automatic information system. p. 37.
- Shnita, A. D. - Method for welding storage battery plates. p. 38.
- Ladygin, P. F., and others. - Discussion of the article "Pedal or track circuit?" p. 39.
- Sats, D. L. - Rendering first aid to victims of electrical shock; doctor's advice. p. 40.
- Microphones. p. 43.

ELEKTRICHESKIE STANTSII [ELECTRIC POWER STATIONS]. Organ of Gosplan SSSR [State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 36, no. 9, Sep. 1965.

Table of contents translated.

- Geller, Z. I., Ashikhmin, V. I. - Mazut heaters for large power plants operating on gas and mazut. p. 2.
- Olifer, I. I., Permlakov, V. A., Brach, N. M. - Operation of a thermal deaerator at atmospheric pressure with a bubbling system developed by the Central Scientific Research Institute for Boilers and Turbines. p. 5.
- Tulin, S. N., and others. - Industrial tests of a cooling unit with aluminum tubes designed by the All-Union Scientific Research Institute for Metallurgical Machines. p. 8.
- Gordenko, L. K., Vokler, E. I. A., Kosikina, E. S. - Appearance of dislocation structure in high temperature 12Kh1MF and 12MKh boiler steel. p. 13.
- Shimanskii, B. A., Lazarenko, I. U. I., Natalluk, N. T. - Corrosion of condenser brass tubes. p. 15.

- Gronskii, R. K. - Chemical cleaning of the pipelines of the hydrodynamic control system of the K-300-240 turbine and bubbling control unit. p. 18.
- Breiman, L. D., Benenson, E. I., Pechikina, I. L. - Choice of the optimal dimension of the condenser and water cooling tower of a central heating turbine. p. 19.
- Rozental, A. I., Vetrov, I. U. A. - Experience in the operation of TGV-200 turbogenerators. p. 24.
- Lytaev, I. A., Rudenko, I. U. N., Asnikov, V. N. - Features of using automatic frequency control in unified electric power systems. p. 26.
- Zinger, M. M., Mikhlin, A. I. - Choice of reference conditions and operating modes of the load-in of centralized heat supply. p. 31.
- Kosat, D. M. - Continuous control of rotor winding temperature. p. 36.
- Khranov, N. I. A. - Use of a semi-graphical method in determining the start torque of electric motors. p. 38.
- Suslov, O. V. - Measures for partial phase disconnection of units. p. 40.
- Lazarev, N. I. - Comparison of PS-10 and PE-11 drives. p. 42.
- Lakhtin, B. M. - New reinforced concrete power transmission line towers. p. 45.
- Kosantsev, A. V. - Lightning protection of high power transmission line spans at crossings. p. 50.
- Shek'shechikov, I. U. M. - Check of strain insulator chains in 500 kv. lines. p. 55.
- Makshenko, N. N., Chumakov, V. P. - Single-phase short circuits to ground in 35-100 kv networks in the Far North. p. 57.
- Bluhnik, K. A. - Combination of high-speed protection systems with single-phase automatic reclosing in networks with super lines. p. 61.
- Mal'nev, A. I. - Block design of protection and automatic control panels in electric power plants and substations. p. 66.
- Pukhov, V. I. - Soviet patent law and its application. p. 68.
- Musatov, T. P., Antropov, A. P. - Organization of the operation of complex electric power plants. p. 72.
- Gel'man, N. L., and others. - Time intervals between repairs. p. 74.
- Novozhilov, I. U. N. - Double-pulse control system of turbines with back pressure. p. 77.
- TSagareli, I. U. A. - Reliability of bronze support blocks of a steam turbine. p. 79.
- Kletskii, V. P., Shur, I. U. B. - Increase in the reliability of the electric power supply of traction substations. p. 79.
- Listitsyn, N. V. - Locating a damaged insulator in shielded bus lines. p. 79.
- Vetrov, I. U. A. - Oil change in 110-330 kv. entrainers. p. 80.
- Kolmanovitch, L. I. A. - Control of zero-sequence voltage circuits. p. 80.
- Nepilov, N. V. - Increasing the sensitivity of the start components of oscillographs. p. 81.
- Mavrychev, S. N. - Power dissipated in the heating of a transformer. p. 82.
- Seregin, L. N. - Removal of turbogenerator bracket bindings. p. 83.
- Vaganov, V. I. - Group check of the protection units of the power circuits of oil switches. p. 84.
- Koz'min, I. U. B. - Grounding of the secondary windings of voltage transformers. p. 85.
- Minkovskii, L. G., Iamets, M. A. A. - Concerning L. I. Dyoskin's article "Enclosed power distribution units in the universal plan of a large thermal electric power plant." p. 86.
- Dyoskin, L. I. - Some new principles for constructing main electrical hookup networks of hydroelectric power stations. p. 86.
- Lashkov, F. P. - Use of transformers with reverse operation relays. p. 89.
- Klevitskii, V. A. - Concerning N. P. Katigrob's article "Replacement of horizontal surface-type grounding units with vertical ones." p. 91.
- Introduction of changes and additions to "Regulations for operating and testing protective means in electrical systems." p. 92.
- Procedure for checking voltage transformer circuits. p. 92.
- I. N. Saprykin; obituary. p. 93.
- Effective instructions on overvoltage protection of a.c. systems with 3-500 kv. ratings. p. 94.

*ELEKTRICHESTVO [ELECTRICITY]. Organ of Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.] and others, Moscow, no. 8, Aug. 1965.

- Table of contents translated:
- Bogoroditskii, N. P., Fridberg, I. D. - Progress in the field of electronics and dielectric ceramics. p. 1.
- Petrov, I. I., Meistel', A. M. - Use of exponential chain functions in calculating the heating of squirrel-cage induction motors. p. 7.
- Shapiro, L. I. A., Sandler, A. S. - Transient processes in a stage with two-zone speed control. p. 14.

- Sokolov, M. M., Masandilov, L. B., Shifanskii, A. V. - Experimental study of the electromagnetic transients of unified A-series induction motors. p. 20.
- Sylatovskii, V. A. - Synthesis of systems for optimal control of d.c. drives. p. 26.
- Dianter, S. G., Zhukov, I. U. S., Sud, I. I. - Comparison of power characteristics of asynchronous and synchronous electric drives of drilling winches. p. 30.
- Lysov, N. E., Kurnosov, A. V. - Optimal geometric relationships of the basic dimensions of a.c. electromagnets. p. 33.
- Krylov, S. S. - External characteristics of a regulated full-wave rectifier. p. 36.
- Gornel'man, V. M. - Optimal operation of a power system taking into account mode limitations using penalty functions. p. 39.
- Arzamashev, D. A., Rudnikskii, M. P., Skliarov, I. U. S. - Selection of optimal wire sizes in power network design. p. 44.
- Chernikov, G. B. - Performance of nonregulated semiconductor rectifiers in asymmetric modes of operation. p. 49.
- Markvardt, G. G. - Calculation of the load of a traction substation with energy recuperation. p. 55.
- Kariakin, R. N. - Galvanic effect of a.c. traction networks. p. 57.
- Pavlov, I. V. - Short-circuit currents in a traction network with draining transformers. p. 62.
- Artem'ev, D. C. - Statistical coordination of the levels of phase and interphase insulation according to switching surges. p. 67.
- Malakhovskii, E. I. - Study of the stability of a time relay with an electric RC stage. p. 75.
- Mil'man, L. I., Lurie, S. I. - Calculation of the strength of external windings of transformers subject to the action of radial short-circuit conditions. p. 77.
- Tyrishkin, M. A. - Study of the permanence of air gaps and reactive moments of an angular displacement transformer. p. 84.
- Golubin, E. A., Chislikov, D. N. - Optimum regulation of potential in 500 kv. power transmission lines. p. 87.
- Galsdali, B. I., and others. - Study of screw-ribbed insulators. p. 89.
- Markova, N. E., Sukhotina, E. N., Chernyshev, V. V. - Residual content of sulfate ions in oxide insulation coatings. p. 92.

*ELEKTROSVIAZ' [TELECOMMUNICATION]. Organ of Ministerstvo svyazi SSSR and Nauchno-tekhnicheskoe obshchestvo radioelektriki i elektrosvyazi im. A. S. Popova [Ministry of Communication of the U.S.S.R. and the A. S. Popov Scientific Technological Society of Radio Engineering and Telecommunication]. Moscow, vol. 10, no. 8, Aug. 1965.

- Table of contents translated:
- Seleznev, V. V. - Comparative evaluation of the interference rejection of different systems for transmitting discrete communications without memory feedback. p. 1.
- Khanovich, I. G., Bendakov, D. N. - Determination of an optimum number of phase quantization steps in a communication system with phase modulation using a stage method. p. 7.
- Lamov, A. A. - Approximation problems in electrical network theory. p. 14.
- Aksentov, I. U. V., Kopylov, P. M. - Choice of an optimum test signal form for a simultaneous color television system. p. 24.
- Iampol'skii, V. G. - Directional characteristics of nonquasidistant antennas. p. 31.
- Samolov, A. I. - Electronic correlator for separating signals according to form. p. 39.
- Servinskii, E. G. - Calculation of the efficiency of post-detection integration and the parameters of the integrating circuit. p. 47.
- Kharkevich, A. D. - Use of pulse-code modulation in the construction of a unified (integral) switching and multiplexing system. p. 54.
- Lobedev, D. S., Iaroslavskii, L. P. - Effectiveness of some methods for transmitting stationary patterns. p. 62.
- Mironov, S. P. - Logical circuits using transfluxors. p. 69.
- Lozin, I. U. S. - Interference rejection of the reception of fading signals in frequency radiotelegraphy. p. 77.
- Gavrilov, A. V. - Public review of the fulfillment of research plans. p. 79.

Vol. 10, no. 9, Sep. 1965.

- Table of contents translated:
- Pioniskii, A. F., Filipskii, I. U. K. - Present state and prospects for the development of quartz stabilization systems. p. 1.
- Andronov, I. S. - Potential interference rejection of diversity reception. p. 10.
- Kochanov, N. S. - Synthesis of linear electrical networks in respect to time; approximation problem. p. 17.
- Bolitskii, V. I. - Synchronization of multiphase transistor multivibrators. p. 24.

- Shapito, D. N. - Design of transistorized frequency converters. p. 30.
- Tetinaev, B. G., Mamaev, N. S. - Action of a signal and additive noise on a frequency doubler. p. 38.
- Konstantinov, P. A. - Two-channel communication system with difference frequency and amplitude keying. p. 43.
- Chechaskii, E. D., Mamontov, N. F., Ustinov, G. N. - Method and equipment for the transmission of data through a simplex telegraphy channel. p. 50.
- Koidobovskii, A. I. - Test tests for telegraphy apparatus. p. 59.
- Simontov, I. M., Shetepa, V. F. - Effect of nonsteady processes and destabilizing factors on nonlinear processes in an FM discriminator with staggered circuits. p. 67.
- TSingikhin, D. P. - Two-stage filter with detuned coupling. p. 69.
- Krislov, I. U. D., Iancheva, L. I. - Obtaining maximum gain in transistor RC amplifiers. p. 71.
- Kheev, V. R. - Measurement of the voltampere characteristic of tunnel diodes. p. 75.
- Soroka, E. Z. - Measurement of the interframe correlation of a television image. p. 77.
- Gels Aronovich Levin, obituary. p. 80.

ELEKTROTEKHNIKA [ELECTRICAL ENGINEERING]. Issued by Gosudarstvennyi komitet po elektrotekhnike pri Gosplane SSSR [State Committee for Electrical Engineering, Attached to the State Planning Committee of the U.S.S.R.] and others, Moscow, vol. 30, no. 8, Aug. 1965.

- Table of contents translated:
- Kostenko, M. P., Gnodin, L. P. - Electrical machines with low power rating. p. 1.
- Ognev, S. S. - Training of scientific and technical personnel for the electric equipment industry. p. 3.
- Symoniatnikov, I. A. - Synchronous motor as an important element of electrical supply systems of industrial plants. p. 4.
- Talyshinskii, R. I., Davydov, V. F. - Choice of the value of contact resistance between the bars and packs of active steel in aqueduct cage rotor induction motors. p. 7.
- Batalov, I. U. N., Beschastnov, G. A., Iudov, M. F. - Start of a large synchronous hydrogenerator in a motor mode of operation. p. 11.
- Korolev, V. N., and others. - Insulation of bar winding heads of the stators of hydrogenerators and turbogenerators. p. 16.
- Bogdanov, O. I., Danil'tsev, V. G. - Hydrostatic spherical thrust bearings. p. 18.
- Pulko, G. V. - Calculation of the eo-winding power transformers with given geometric dimensions. p. 25.
- Rozenkants, A. S., Fedorov, A. V. - Control systems for a reversible two-phase asynchronous motor with d.c. input signal. p. 29.
- Mari'yanovskii, D. I., Gutkin, B. M. - Study of steady periodic modes of an autonomous inverter. p. 31.
- Zaima, N. A., Peshkov, I. B. - New heat resistant enamel coated wires. p. 37.
- Gorelov, N. V., Kil'berg, B. M. - Film-type insulating cathodes using a polyethylene terephthalate coating. p. 40.
- Selitskii, I. A., Ianchenko, V. S. - Effect of current density and the conditions of sulfuric acid diffusion on the capacity of the plates of lead cell battery. p. 41.
- Iudov, M. F. - Vibration of hydrogenerator stator windings. p. 44.
- Bessmertnyi, E. F. - Special features of the influence of the rotor of a motor with rotating rotor at increased frequencies. p. 47.
- Kartashkin, B. A., El'kin, I. U. M. - Method for determining stresses in the stator steel joints of a hydrogenerator. p. 49.
- But', O. B. - Calculation of an electromagnet with a coil around the air gap taking into account the thickness of the coil. p. 53.
- Pecherlisa, B. P. - Calculation of the asynchronous moments of a three-phase induction motor. p. 57.
- Isaev, V. S. - Precise calculation of collector components. p. 59.
- Galuzin, I. U. P., Dasolov, M. A. - Development of chill mold casting in the storage battery industry. p. 60.

Vol. 30, no. 9, Sep. 1965.

- Table of contents translated:
- Arlanskii, Sh. I. A. - Trends in the development of oil-blast switches. p. 1.
- Kilzhanskii, S. M. - Testing of the switching capability of switches at decreased voltages. p. 4.
- Petrov, I. I. - Training of engineers in the field of electric drives and automation of industrial systems. p. 6.
- Alekseevskii, V. V., and others. - Electrical machines having ratings up to 100 kw. with open slots and magnetic wedges. p. 10.
- Zhita, M. Z. - Analysis of the transient processes of d.c. machines. p. 14.
- Kantor, R. M. - Asynchronous self-excitation of synchronous machines. p. 16.

- Beiger, A.I., and others. - Induction motors with protective casings. p.18.
- Palashin, L.M. - Magnetic asymmetry in contactless synchronous machines. p.20.
- Golanov, F.A., Sergeev, V.D. - Network model for calculating the thermal systems of single-hull two-machine units. p.24.
- Cherok, B.N., and others. - Study of the effectiveness of the partial insulation of a cast squirrel-cage rotor. p.27.
- Libarskaya, T.A. - Designing electric motors with rolling rotors for operation on increased frequencies. p.31.
- Kraitsberg, M.I., and others. - Generator with motor operation capability. p.35.
- Sakovich, A.A., Brumstein, D.P., In'kov, I.U.M. - Effect of the plate current drop rate on the recovery of the peak inverse anode voltage of semiconductor devices. p.37.
- Beier, V.V., Gorchikov, B.A., Dmitrenko, V.E. - Distribution of current in the electrodes of a silver-zinc storage battery. p.41.
- Bogachenko, I.N. - Measurement of temperature increases in large d.c. machines. p.44.
- Nel'm, V.I., Tuklaev, I.I., Loshkin, L.V. - Effect of external vibrations on the sparking of low power collector-type machines. p.46.
- Ivanov, I.A.V., Smolova, V.I. - Direct disruptions and inverse firing in the RMV-250x600 mercury-arc rectifier. p.53.
- Bogachenko, I.M., and others. - Combined tests of magnetic valve-dischargers with 0-500 kv. ratings. p.55.
- Baig, I.A.A., Livshits, A.L., Mashkin, V.A. - Method for calculating the torsion of shafts with varying cross section. p.58.
- Ulanitskiy, M.N. - Determination of the coefficient of convective heat emission of the casings of enclosed electrical machines. p.61.

ENERGETIK [ELECTRIC POWER TECHNICIAN].

Issued by Gosudarstvennyy proizvodstvennyy komitet po energetike i elektrifikatsii SSSR and Tsentral'nyi komitet Profsoyuzov rabochikh elektrostani i elektropromyshlennosti [State Production Committee for Power and Electrification of the U.S.S.R. and the Central Committee of the Trade Union of Workers of Electric Power Stations and the Electrical Industry]. Moscow, vol. 13, no. 8, Aug. 1965.

- Table of contents translated:
- Raising of Soviet power engineering to the higher world standards. p.1.
- Denisenko, G.I. - Two currents in one line. p.3.
- Porevovich, A.P., Isaev, K.I. - Improvement of a desalination system. p.6.
- Dobot, A.T., Rybalkin, P.A., Sigunovskiy, A.A. - Washing the convective heating surfaces of boilers with an alkali solution. p.8.
- Danchenko, I.U.E., Aleksandrov, V.S. - Steam take-off from the chamber of the control stage of the AT-12 turbine. p.9.
- Donskol, B.V. - Efficient placement of equipment and pipes in chemical water purification systems. p.10.
- Koronnova, V.A. - Improvement of chemical water purification equipment. p.11.
- Fisanov, I.A. - Device for boring holes in rigid couplings. p.12.
- Paskovitch, P.A. - Cause of the damage of a "Vumag" turbine. p.13.
- IAkushchev, G.I. - Testing of the EV-3 devices. p.14.
- Terebin, G.I. - Switching of a three-phase motor into a single-phase network. p.16.
- Kozlov, V.S. - A simplified method of determining the maximum power consumption of agricultural consumers. p.17.
- Pisnetsov, A.A. - Optimum temperature for burnout of electric motors. p.18.
- Anesh, I.P., Kurakin, M.G. - Assembling of a composite 35/10 kv. transformer substation. p.19.
- Fabrikant, S.I. - Increasing the operational reliability of an automatic switch. p.20.
- Gordon, S.V. - New equipment for mounting cables and wires of electric power transmission lines. p.22.
- Shchapov, I.K. - Public review of industrial production reserves of the Karaganda Electric Utility System. p.27.
- Method for increasing decreased cable insulation strength. p.28.
- Reclamation of oil. p.28.
- In the Technical Council of the State Production Committee on Power Engineering and Electrification of the U.S.S.R. p.30.
- Modernization of electric power plants with average steam pressure parameters. p.30.
- Introduction of additions and changes to "Regulations for operating and testing protection means used in electrical systems." p.31.

Vol. 13, no. 8, Sep. 1965.

Table of contents translated:

Neporozhnyi, P.S. - Magnetohydrodynamic method, a new concept in power engineering. p.1.

- Vetov, I.U.A., Lazarev, G.B. - Electronic self-excitation system of the TGV-200 turbogenerator of the Zimovsk State Regional Power Plant. p.3.
- Sergoyantsev, V.T., Belikov, I.G. - Method locating short-circuits to ground in distribution networks with insulated neutral lines. p.9.
- Vilenskii, I.U.IA. - Improvement of feedwater conditions of once-through type boilers. p.11.
- Vainshtein, I.A.I., Parunov, A.P. - Adjustment of the operation of the circulation stages of steam extractors. p.12.
- Luk'yanov, V.V. - Operation of the PK-9 boiler with liquid slag removal. p.13.
- Shlauberg, G.P. - Redesigning of the delivery unit of the 51810 feed pump. p.15.
- Koishunov, V.A., Zhdikh, V.F. - Course and fine steam drying in drum boilers. p.16.
- Kiselev, I.U.K., Moklin, V.A., Eksel'skiy, L.I. - Conversion of the principal ejectors of VPR-25-3 turbines to operation on 10 atm. steam pressure. p.19.
- Kruter, A.D. - Heating of the release pins of high-pressure cylinders. p.20.
- Baidin, S.IA. - Straightening of the rotor of a reaction steam turbine using a metal creep method. p.21.
- Svi, P.M. - Device for checking generator rod solderings. p.23.
- Petrov, D.S. - Excitation delay during the start of a synchronous motor with a separate exciter. p.25.
- Dondopuro, A.I. - Use of aluminum wires in repair work. p.25.
- Turchenkov, V.I. - Replacement of the shaft of an electric motor without disturbing the winding. p.27.
- Stefanov, O.IA. - Device for repairing air-blast switches. p.28.
- Kaminskii, F.A. - New conventional symbols for electric network designations. p.29.
- Through the pages of technical magazines. p.36.
- Natol'd, M.R. - Protective and operational grounding. p.37.
- Khalimov, G.M. - Rewinding of a generator stator. p.37.
- Shikov, A.I. - Additional leave for storage battery industry workers. p.37.
- Grekov, A.N. - Fines for the excessive use of electric power. p.37.
- Kondakchev, V.S. - Testing of small power transformers. p.38.
- Mand'ykin, S.A. - Direction of the rotation of an electric motor. p.39.
- Pochkin, E.P. - Three-year evening schools for power engineering workers. p.39.
- Pletnev, L.F. - Choice of PK and PKT protective units. p.40.
- Chernova, L.A. - Norms on feedwater quality for low-pressure boilers. p.40.
- Rokotian, S.S. - Width of clearings for 0-10 kv. overhead power transmission lines. p.41.
- In the Technical Council of the State Production Committee on Power Engineering and Electrification of the U.S.S.R. p.42.
- Creation of an industrial repair base for power engineering enterprises. p.42.
- The T-250-240 turbine. p.42.
- Novelties of the pavilion "Electrification of the U.S.S.R." p.43.
- Books published by the "Energiya" publishing house for 1965. p.44.

ENERGETIKA I ELEKTROTEKHNIЧЕСКАЯ ПРОМЫШ- ЛЕННОСТЬ [POWER ENGINEERING AND THE ELECTRIC EQUIPMENT INDUSTRY].

Issued by Institut tekhnicheskoi informatsii Gosudarstvennogo komiteta Soveta Ministrov Ukrainy SSR po koordinatsii nauchno-issledovatel'skikh rabot and Obshchestvo pravleniya Nauchno-tekhnicheskogo obshchestva energopromyshlennosti Ukrainy SSR [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research and the Province Administrations of the Scientific and Technological Society of the Power Industry of the Ukrainian S.S.R.]. Kiev, no. 3(11), July-Sep. 1962.

- Table of contents translated:
- Usenko, V.V. - Experimental model electric equipment shop with small-lot production of the Kharkov Electric Equipment Plant. p.3.
- Zabokritskii, E.I., Petrichenko, V.P., Khalimskii, V.D. - Improvement of the direct start circuit of a synchronous motor with a directly connected exciter. p.8.
- Voloven, L.M., Batuk, G.S. - Change in the size of the scale of the EPP-09 potentiometer during the recording of the dynamic characteristics of control objects. p.9.
- Ornat'skiy, P.P., Zozul'a, V.I., Zorin, V.V. - Integrating voltmeters and their use in municipal electric power distribution networks. p.10.
- Borozin, A.M., Val'sburd, P.M. - Two circuits for connecting fluorescent lamps. p.14.
- Sukhanov, V.M. - Autotransformer with 125 Mv.-a rating with voltage regulation under load in a line with medium voltage. p.17.

- Vintuk, L.I. - New transformers for rural power systems. p.21.
- Bur'lian, V.B., Sergeev, P.A. - New heat insulation for power machinery of electric power plants. p.24.
- Ershkevich, V.V., Smol'yanov, V.S. - Special features of the use of autotransformers. p.27.
- Shastliviy, G.G. - Analysis of the heating level of enclosed asynchronous motors using an electric modeling system. p.32.
- Nikitin, B.A. - Performance calculations of repulsion motors. p.38.
- Lavrov, P.I. - Approximate simulation of firing processes in large boiler systems. p.44.
- Markovskii, F.T., Selavin, G.F., Kiataevich, R.M. - Conditions of electric power consumption in the power system of the Ukraine. p.50.
- Tseitin, M.A. - Increase of the duration of interval between the servicing of VK-100-2 turbines. p.55.
- Lysakovskii, G.I., Musatov, T.P. - Experience in the operation of a two-circuit power transmission line with "bochka" type towers. p.61.
- Graznov, G.I. - Use of wooden towers in 110, 35, and 6 kv power transmission lines. p.65.
- Shapirashin, I.A., Khukis, M.V. - Universal mobile system for adjusting the electrical networks of secondary commutation in industrial enterprises. p.66.
- Liashechinskii, B.I., and others. - Improved magnetic starters. p.68.
- Zaka, A.A., Zhizichenko, F.N. - Measures undertaken to improve the working conditions of the operating staff of thermal electric power plants. p.69.
- Lushkin, V.T., Povolotskii, I.A. - Development of power engineering in France. p.73.

L'ENGINRAD, ELEKTROTEKHNIЧЕСКИЙ ИНСТИТУТ. Izvestiia [INSTITUTE OF ELECTRICAL ENGINEERING. Bulletin].

Vol. 62, 1964.

- Table of contents translated
- Volkov, E.G. - Operating modes of the output units of transit klystrons and choice of optimum coupling of resonators and loads. p.3.
- Volkov, E.G., Suchalkin, D.D. - Amplifying decimeter band klystron with 1 kw. output power. p.13.
- Kachin, V.N. - Study of the operation of a time discriminator in automatic control systems. p.20.
- Sokolovskii, G.G. - Selection of amplifier gain factor and coupling parameters in an automatic control system of the speed control of a section of a papermaking machine. p.41.
- Akhmeev, A.V., Dmitriyev, A.IA. - Coupling of coaxial resonators through small holes. p.57.
- Vinokurov, V.I. - Conversion of a fluctuating signal by a mixer in presence of a noise reference voltage. p.74.
- Kozyrev, B.P., Loshkova, V.V. - Sphere method for determining the coefficient of total radiating capacity of sides. p.91.
- Grunin, V.K., Koryrev, B.P. - Infrared gas analyzer using the FEOU-18 device. p.100.
- Kozyrev, B.P., Kovalova, M.K. - Photoresistors from thallium iodide with parallel placement of the elements. p.107.
- Chernikov, I.U.S. - Methods of transforming infrared images to video images. p.115.
- Sazonov, A.M. - Electromagnet of a radiospectrometer for observing nuclear magnetic and electronic paramagnetic resonance. p.141.
- Sushchev, A.A. - Narrow-band low-frequency amplifier for a transistor bolometer. p.151.
- Antropov, I.U.V. - Method for "education" as a method for calculating functions using digital computers. p.159.
- Makaveev, V.I., Mokeeva, A.A. - Measurement of the probability density of a random signal using a photoelectric multiplier. p.171.
- Dmukhovskaya, N.I. - Design of a pulse transformer for impulses with random form. p.178.
- Kochnev, I.U.G. - High-voltage rectifiers with shock-excitation stages. p.192.
- Feldorov, V.L. - Instability of an electron flow in a moving medium. p.202.
- Zakharov, S.A. - Measurement of the temperature of the working space of an electric furnace using a thermocouple and an electronic potentiometer. p.205.
- Feofan Nikolayevich Kharadza, on his 70th birthday. p.211.

NAUCHNO-ISSEDOVATEL'SKII INSTITUT POSTOIAN- NOGO TOKA. Izvestiia [DIRECT CURRENT SCIENTIFIC RESEARCH INSTITUTE. Bulletin].

Moscow, no. 1, 1967.

- Table of contents translated.
- Pimonov, V.P. - Work of the institute in the field of high-tension d.c. power transmission. p.7.
- Mel'gunov, N.M. - High-tension d.c. power transmission systems of the latest design and their future use in the U.S.S.R. p.21.
- Senn, L.A., Panov, I.P. - Study of the quenching of the pilot arc of a high-voltage mercury-arc rectifier. p.39.

- Aleksandrov, D. D., Pintsyn, S. V. - Measurement of gas pressure in apparatus with mercury. p. 60
- Aleksandrov, D. D., Pintsyn, S. V. - Control of gas separation in the formation of high-voltage rectifiers. p. 67
- Pimenov, V. P., Pisse, A. V. - Changeover of an inverter. p. 71
- Posse, A. V. - Switching processes in the operation of a three-phase bridge circuit in transient modes. p. 93
- Reider, A. M. - Analysis of the stability of the control system of the Kashira-Moscow d.c. power transmission line. p. 127
- Berlin, E. M. - Stability of a d.c. power transmission control system using a new tubeless current controller. p. 149
- Reider, A. M. - Operation of a d.c. instrument transformer in steady and nonsteady modes. p. 156
- Pintsyn, S. V. - Calculation of audio frequency current harmonics in d.c. power transmission lines. p. 167
- Gertsik, A. K., Korsunsev, A. V., Nikol'skii, N. K. - Effect of contamination on the operation of the insulators of d.c. overhead power transmission lines. p. 180
- Merphalev, S. D. - Discharge potentials of air gaps and insulators subject to the action of high-frequency damped oscillations superimposed on the direct component. p. 199
- Bazhenov, S. A. - Oscillations of the Kashira-Moscow 220 kV d.c. power transmission line. p. 208
- Kriakvskii, V. M. - Joint operation of a converter with a receiving system having a simple structure and reactive power compensation. p. 234
- Rozovskii, I. U. A. - Regulation of the excitation of generators according to voltage at an intermediate point of the line as a means for increasing the stability of long-distance power transmission systems. p. 281
- Shur, S. S. - Steady operation of transmission lines loaded by a reactor with nonlinear magnetization characteristic. p. 288
- Potlak, G. I. - Modeling of loads. p. 303

No 2, 1957

- Table of contents translated
- Sonin, M. R. - Results of the study of the operation of an experimental industrial d.c. power transmission system between Kashira and Moscow. p. 5
- Sena, L. A., Fridland, R. M. - Development of inverse firing in mercury rectifiers with anodes from different metals. p. 22
- Sena, L. A. - Quenching of a cathode spot by residual plasma. p. 32
- Dolgikh, V. A. - Conditions of high-voltage treatment and testing of mercury-arc rectifiers. p. 41
- Lavrov, N. I. - Systems for high-voltage treatment and testing of mercury rectifiers. p. 51
- Melik-Sarkisov, B. S. - Protection of a d.c. power transmission line. p. 84
- Reider, A. M. - Compounding system of the inverter of the Kashira-Moscow power transmission line. p. 96
- Kraichuk, I. U. S., Pintsyn, A. M. - Parameters and equivalent circuits of overhead d.c. power transmission lines. p. 112
- Belitskaya, M. S., Limanov, E. A. - Error of a d.c. transformer and means for decreasing it. p. 128
- Pyshkin, A. M. - Oscillographic recording of an initial fault moment and pre-fault conditions in the Kashira-Moscow d.c. power transmission system. p. 143
- Pintsyn, A. M. - Networks equivalent to transformers with split windings. p. 151
- Gertsik, A. K. - Ionization characteristics of oil-saturated condenser paper insulation subject to the action of a pulsating voltage. p. 166
- Gertsik, A. K., Shur, S. S. - Consideration in the selection of insulation levels in 400-800 kv. class electric power transmission systems. p. 189
- Andrejuk, V. A., Rozovskii, I. U. A. - Use of compensated synchronous support compensators in long-distance power transmission systems. p. 208
- Shur, S. S. - Frequency division in complex networks containing a nonlinear ferromagnetic component with characteristic approaching a cubic binomial. p. 219
- Andrejuk, V. A. - Derivation of adequate stability conditions in the "large" for a system of synchronous machines. p. 239
- Solomonov, N. M. - Network for the synchronization of a voltage pulse generator and current pulse generator. p. 258

NOVAIA TEKHNIKA ZHILISHCHNO-KOMMUNAL'NOGO KHOSIAISTVA: ELEKTROSNAJBZHENIE I TEPL-SNABJZENIE GORODOV [NEW TECHNOLOGY FOR HOUSING AND COMMUNAL SERVICES: SUPPLYING ELECTRICITY AND HEAT TO CITIES]. Issued by the Ministry of Housing and Communal Economy of the U.S.S.R.

- Table of contents translated
- Glazunov, A. A. - Prerequisites to the development of municipal power distribution networks. p. 5

- Iokhvidov, F. S. - Use of electric stoves in city dwellings in the U.S.S.R. p. 10
- Beikov, V. A. - Principles of efficient construction of 6-10 kv municipal power distribution networks. p. 16
- Bessmertnyi, I. S. - Use of closed-loop networks in municipal power distribution systems. p. 31
- Arkhipov, N. K. - Power transformers with built-in voltage regulation for electric power distribution networks. p. 44
- Koriagin, O. G. - New types of light fixtures for municipal street lighting. p. 52
- Finger, L. M. - Means for decreasing the cost of transmission and distribution of electric energy. p. 62
- Marakushev, L. N. - Conversion of a 6 kv cable to 10 kv operation. p. 71
- Pakshver, V. B. - New municipal centralized heat supply networks. p. 74
- Balandin, V. I. - Standard designs of boiler rooms with VPT-50 and VPT-100 water heating boilers. p. 84
- Brub, I. I. - Mechanized vertical blast unit OKU-2 for cleaning the convectional heating surfaces of boilers. p. 121
- Bibliographic information on technical literature. p. 129

PROMYSHLENNAYA ENERGETIKA [INDUSTRIAL POWER]. Organ of Gosudarstvennyi proizvodstvennyi komitet po energetike i elektrifikatsii SSSR and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [State Production Committee for Power and Electrification in the U.S.S.R. and the Scientific Technological Society of the Power Industry]. Moscow, vol. 20, no. 9, Sep. 1955.

- Table of contents translated
- Mogilin, A. A. - Technological basis for norms and economy of power resources. p. 2
- Rodsheln, L. S., Panfilov, V. A. - Improvement of SM-1710-8 type synchronous motors. p. 6
- Klimenko, F. D., and others - Means for increasing labor productivity in the power engineering departments of metallurgical plants. p. 8
- Livshits, D. S., and others - Power supply of control networks in systems with grounded neutral line. p. 12
- Trekhov, M. I. - Circulation type cooling system for welding and high-frequency systems. p. 18
- Efremov, F. E. - Method for leading-off and utilizing the gases of steel-smelting converters. p. 20
- Monastyrenko, O. V. - Automation of the dosing of liquids. p. 21
- Mendelevich, G. Sh., Uryvskii, V. M. - Graphical method for checking the switching of short circuits between the phase and inner conductors in networks with dead-grounded neutral lines and rating up to 1000 volts. p. 26
- Trub, I. A. - Determination of the profitability of vacuum type deaerators. p. 32
- Vol'kovich, I. A. E. - Frequency regulation of synchronized multiple-motor drives. p. 33
- Vol'kovich, I. A. E. - Use of lasers in industry. p. 35
- In the State Inspection on Power Engineering Supervision of the State Production Committee on Power Engineering and Electrification of the U.S.S.R. p. 36
- Suggestions having received recognition at the Nineteenth All-Union Competition on the Economy of Electrical and Thermal Energy. p. 39
- Lisichinski, I. P. - Concerning R. V. Shumilevich's article "Improved system using ATV-229 apparatus for controlling the temperature of bearings." p. 41
- Krasnozhen, D. - Utilization of secondary power resources. p. 41
- Bol'sham, I. A. M., and others. - L. V. Litvak; on his 60th birthday. p. 43
- Single-feeder blocks of a standardized series of control units of nonreversing induction motors with squirrel cage rotors. p. 44
- Literature marked for publication by the "Energiya" publishing house in 1955. p. 46

RADIO. Organ of Ministerstvo svyazi SSSR and Vsesoyuznoe dobrovol'noe obshchestvo sodeistviya armii, aviatell i fletu [Ministry of Communication of the U.S.S.R. and of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 7, July 1955.

- Table of contents translated
- Force of the widespread participation of the Soviet public. p. 1
- Bachurin, A. - Not sparing life. p. 3
- Kazakov, G. - Eternally living ideas. p. 4
- Matilavskii, A. - The "Molnia" telecommunication satellite cuts distance. p. 6
- Fortushenko, A. - By means of a relay station in outer space. p. 7
- Spatakiada at the finish. p. 10
- Sokhtatki, V. - Sportsmen of Uzbekistan. p. 11
- Zozulia, M. - Conversation on the eve of the final. p. 12

- Tedorov, V. - New names. p. 13
- Balbin, P. - Vigor of a Communist Youth League member. p. 14
- Short and ultrashort radio waves. p. 15
- Good prospects for cooperation. pp. 17, 62
- Gruzhikhin, A. - Sensitivity of receivers used in "fox hunting" games. p. 17
- Filters with lumped selectivity. p. 20
- Gazdik, O. - Video signal channel. p. 22
- Kharchenko, K., Shnitman, B. - Indoor television antenna. p. 25
- Kosikov, V. - Antenna amplifiers with electronic tuning. p. 26
- Starchenko, B. - Radio receiver and hearing aid combination. p. 28
- Kokharov, V. - Band switch for pocket radio. p. 30
- Dual potentiometers with equal laws of resistance change. p. 32
- Bol'shov, V. - Low-frequency amplifiers. p. 33
- Fimbinde, V. - Temperature compensation of electronic stabilizers. p. 36
- Patfenov, S., Lushkina, N. - The "Dnep-11" stereo-phonograph system. p. 37
- Teplev, G. - Variable condenser. p. 39
- Kolko, V., Matkov, V. - Superminiature rectifier and amplifying metal ceramic tubes. p. 42
- Morozov, V., Sontin, M. - Characteristic and parameters of field-effect transistors. p. 44
- Zelenov, B. - Acoustical units for stereophonic systems. p. 47
- Guvchik, L. - Magnetic modulator for a photoelectric cell. p. 48
- Chernavskii, V. - Transducer for coded frames. p. 49
- Kovalov, V. - Simple device for measuring capacitance. p. 50
- Druzhinin, A. - Transistorized voltage regulation with 150 v rating. p. 52
- Iushkov, V., Koshnet, M., Mal'kov, I. U. - Pulse selector. p. 54
- Mogilevskii, L. - Cathode-ray characteristices in a vacuum tube. p. 55
- Fubelt, P., Shenberg, M. - New three-program reproducer. pp. 59, 61
- Reference sheet. p. 60
- Our consultations. p. 62

*RADIOTEKHNIKA [RADIO ENGINEERING]. Organ of Nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektroniki im. A. S. Popova [A. S. Popov Scientific Technological Society of Radio Engineering and Electronics]. Moscow, vol. 20, no. 9, Sep. 1955.

- Table of contents translated
- Buevich, A. N. - Parasitic phase modulation in frequency multipliers. p. 1
- Petrovich, N. T., Ramakhsin, M. K. - Comparison of the spectra of oscillations keyed according to phase or amplitude. p. 9
- Kaplan, V. A. - Diagrams for determining the parameters of plane dielectric layers with variable structure having optimal radio engineering characteristics. p. 17
- Dukhinovich, I. U. A. - Frequency correlation in radio communication using dispersive media. p. 24
- Nesvizhskii, I. U. B. - Pulse-phase automatic frequency control with clamping. p. 36
- Model', A. Z., Shilnikov, G. N. - Analysis of transistorized sawtooth voltage generators with positive feedback. p. 40
- Konchik, V. I., Khromov, L. I. - Study of the rise time television tube target coatings. p. 50
- Vichev, A. I. - Characteristics of density in magnetic recordings of pulse signals. p. 63
- Vdovin, S. S. - Comparison of the parameters of various circuits of pulse power transformers. p. 72
- Twenty-first All-Union scientific session dedicated to the 70th Anniversary of the invention of radio. A. S. Popov. p. 77
- Goncharov, A. V. - Scientific and technical conference on increasing the quality and reliability of electronic apparatus. p. 78
- A. A. Khaikovich; obituary. p. 79

*RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 10, no. 9, Sep. 1955.

- Table of contents translated
- Tsarev, B. M. - Trends in the development of thermionic emitters. p. 1555
- Kaidanovskii, N. L., Smirnova, N. A. - Limitation of the resolving power of radio telescopes and radio interferometers due to the conditions of radio wave propagation in outer space and in the earth's atmosphere. p. 1574
- Gutman, A. L. - Use of a cross section method in the solution of a problem in the diffraction of electromagnetic waves on a nonhomogeneous sphere. p. 1583
- Gerun, P. M., Karapetian, K. E., Tribunian, G. G. - Fields of round and rectangular apertures in a distant zone. p. 1594
- Kuriksha, A. A. - Statistical characteristics of a photoelectric current in a fluctuating luminous flux. p. 1600

- Volkov, A. S. - Design of magnetostatic delay lines. p. 1699.
- Filosofov, L. V. - Resolution of two signals. p. 1813.
- Amintov, I. N., Gruzdev, V. V. - Dispersion of the error of a discrete linear system with a random amplification coefficient. p. 1623.
- Kotlyev, F. A., Pless, L. E. - Special spectral features of stable generation of oscillations in generators with delayed feedback in a weak mode of excitation. p. 1628.
- Malyshev, V. A. - Approximation of the voltamperic characteristics of a tunnel gap using polynomials for quasilinear analysis of its special operating features. p. 1635.
- Loskovskii, V. A. - Passage of pulse signals through a distributed RC circuit containing a nonlinear p-n junction capacitor. p. 1646.
- Naumov, I. U. E., Shulkin, N. N. - Study of a transient process during the switching of a p-n-p-n type thyristor. p. 1653.
- Naumov, I. U. E., Shulkin, N. N. - Inductive impedance of a p-n-p-n transistor. p. 1660.
- Evstropov, G. A., Tsarapkin, S. A. - Study of waveguide-slot antennas with identical resonant resonators. p. 1663.
- Vogorov, R. B., Doradkin, A. B., Katsenelbaum, B. Z. - Periscope mirror line. p. 1672.
- Vakhtov, N. G. - Open cavity resonators with mirrors having variable reflection factors. p. 1676.
- Kasatkina, L. V., Danovich, I. A. - Study of periodic magnetic focusing of long electron currents taking into account radial and nonuniform axial distribution of the focusing field. p. 1684.
- Minkh, V. V. - Study of a magnetron exciting an H₁₀ wave in a round waveguide. p. 1692.
- Avakian, G. M., Dmitriyenko, I. L., Murysin, V. I. - Properties of long diodes. p. 1700.
- Nastolov, D. N., Smirnova, N. N., Stobodnikov, S. V. - Voltamperic characteristics of alloyed p-n junctions in InAs. p. 1703.
- Telnev, G. S. - Choice of the parameters of multilevel measuring systems. p. 1710.
- Minkovich, B. M. - Radiation pattern and synthesis of a round aperture. p. 1712.
- Vlasov, S. N. - Mirror cavities with variable reflection factors. p. 1715.
- Korolev, F. A., Gribnev, V. I. - Propagation of electromagnetic waves through thin silver films. p. 1718.
- Sonin, A. G. - Maximization of a signal-to-noise ratio in presence of nonstationary interference. p. 1720.
- Voronenko, V. P. - Stability of tunnel diode amplifiers. p. 1722.
- Knita, A. M., Kikonikhin, V. V. - Noise temperature of a mixer using inverted germanium diodes. p. 1723.
- Beluga, I. Sh. - Bilateral approximations in the calculation of the dispersion of delay systems. p. 1724.
- Zharukhin, I. U. A. - Calculation of the parameters of electron waves in currents flowing inside a screen with ideally conductive walls. p. 1726.
- Ambaritsumlian, R. V., and others. - Measurement of the time parameters of a large laser using a photodiode. p. 1729.
- Stager, A. P., Stakov, V. I. - Current gain factor of a filamentary transistor (double-base diode). p. 1730.
- Primaachenko, V. E., Snitko, O. V., Matsas, F. P. - Study of gold alloyed natural surface of germanium. p. 1733.
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i**
- Power Engineering]. Moscow, vol. 8, no. 7, July 1965.
- Table of contents translated.
- Mikhailov, V. V., Nechitailov, V. V. - Analysis of methods for increasing the sensitivity of the starting devices of distance-type protection systems. p. 1.
- Arzamasov, D. A., Bartolomei, P. I. - Formulation and solution of circuit equations using automatic digital computers. p. 7.
- Budzko, I. A., Pronnikova, M. I. - Method of two boundary points for the calculation of short-circuit currents in networks with steel wires. p. 13.
- Fedorova, I. A. - Effect of active losses in an electric power transmission line on the effectiveness of series compensation. p. 21.
- Kuchinskii, G. S. - Theory of the development of partial discharges in the oil layers of oil-saturated paper insulation. p. 26.
- Birulin, I. N., Gorbachev, A. D. - Determination of the transfer functions of asynchronous micro-motors with hollow nonmagnetic rotors. p. 33.
- Artem'ev, A. A., Artem'ev, A. I. - Regulatory features of electromechanical frequency converters. p. 40.
- Kotin, A. F. - Physical substance of the concept of technical work capacity. p. 40.
- Kotlar, I. V., Selin, V. V. - Dynamic characteristics of different gas turbine systems during sudden disturbances in fuel and load. p. 58.
- Kiylov, E. P., Spuntse, I. A. A. - Effect of clearance between the moving blades and the housing of a radial-flow turbine on its operating indices. p. 66.
- Brodianski, V. M., Grachev, A. B. - Thermodynamic analysis of gas cooling units with displacers. p. 74.
- Mushchagin, D. A. - Study of internal and external heat exchange in concrete heating panels with bilateral heat emission. p. 80.
- Belikov, L. S. - Selecting the water level and pre-flood working capacity of hydroelectric power station reservoirs. p. 86.
- Rusakov, V. E. - Initial velocity of air entrainment in chimneys. p. 93.
- Sherstluk, A. N., Sokolov, A. I., Lysenko, V. P. - Study of vane diffusers of centrifugal compressors with ordinary profiles. p. 102.
- Kozdob, L. A., Makimenko, V. I. - Study of the "critical thickness" effect in coatings during local heating. p. 106.
- Levshakov, A. M., Syromiatnikov, N. I. - Study of heat exchange in the flow of a dust bearing gas about a spherical surface. p. 110.
- Maizel, S. I. A., Shostov, E. P. - Consideration of expenditures on the compensation of voltage and power losses in the design of electrical networks. p. 113.
- Denisov, V. I. - Reply to S. I. A. Maizel's and E. P. Shostov's remarks. p. 116.
- Sych, N. M. - Estimate of voltage and power losses in planning and operating electrical networks. p. 117.
- Glasberg, N. M. - Gas turbine compressors. p. 124.
- Sulzra, V. S., and others. - M. D. Kamskii; on his 80th birthday. p. 130.
- Vol. 8, no. 8, Aug. 1965.**
- Table of contents translated.
- Dogdanov, V. A. - Approach to an optimum alternative in the distribution of power and electric energy in a closed-loop power system using an electronic computer. p. 1.
- Shcherbina, I. U. V., Nicheporovich, L. V. - Principles of the algorithmization of the calculations of open-loop electrical networks using a "Ural" digital computer. p. 7.
- Sokolov, V. I. - Regulation of the parameters of the synchronous machines of dynamic models of electrical systems using a magnetic circuit excitation technique. p. 16.
- Bogatenko, I. M., and others. - Network system for combined tests of magnetic-valve dischargers. p. 23.
- Kalish, N. D. - Evaluation of the electrical strength of line insulation in presence of internal overvoltages. p. 29.
- Varehinski, D. S. - Effect of the degree of thermal treatment of capacitor paper on the electrical properties of condensers. p. 37.
- Maevskii, O. A. - Integral methods for determining power relationships in rectifier converters. p. 43.
- Kalafat, D. D. - Analysis of methods for calculating the adiabatic process of gas mixing using tables and diagrams. p. 52.
- Kurnosov, A. T., Andriushchenko, A. I., Iapshov, V. N. - Selection of the equations of state for the calculation of the parameters of water and steam using electronic computers. p. 58.
- Deklovich, D. A. - Characteristics of a turbine stage. p. 67.
- Mishchenko, V. M. - Calculation of profile losses in the cascade of turbomachines. p. 78.
- Sokolishin, I. U. A. - Spreading of a conductive gas jet near a flat wall. p. 83.
- Liberman, I. G. - Synthesis of an efficient system for the automatic control of vacuum-evaporator units. p. 87.
- Ermashov, N. N., Markov, N. M. - Development of instruments for determining the degree of steam moisture. p. 96.
- Malashev, I. U. M. - New method for modeling nonlinear boundary conditions in the solution of a problem of steady heat conductivity. p. 101.
- Snitsyn, N. V. - Flow distribution between the water conduits of joint hydroelectric power stations. p. 106.
- Pustovolt, B. V. - Pressure losses during the flow of a liquid through rough pipes and channels. p. 112.
- Vassartunov, V. I. - Use of water power and electronic computers. p. 119.
- SVETOTEKHNIKA [LIGHTING ENGINEERING]**, Organ of Gosudarstvennyi komitet po elektrotekhnike pri Gosplane SSSR and Tsentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva energicheskoi promyshlennosti [State Committee for Electrical Engineering, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Power Industry]. Moscow, vol. 11, no. 8, Aug. 1965.
- Table of contents translated.
- Levits, I. B. - Design of infrared irradiator systems using N. N. Ermolinskii's method. p. 1.
- Trukhanov, A. A., Stokova, O. I. - Visibility of flat objects with negative background contrast. p. 7.
- Faermark, M. A. - Factors affecting the complexity of an optical problem. p. 11.
- Raltski, I. A. - Selection of a method for compensating reactive power in lighting systems with fluorescent lamps. p. 18.
- Kliuev, S. A. - Instructions on the protection of lighting networks. p. 22.
- Kliuev, S. A. - Permissible use of fluorescent light fixtures without spill shields and diffusers. p. 25.
- Fishchenko, G. A. - Standards on electric lighting in different branches of the electronic equipment industry. p. 25.
- Kobina, Z. N. - New high-pressure gas-discharge lamps. p. 27.
- Through the pages of foreign magazines. p. 29.
- Light fixtures for dwellings and public buildings. p. 32.
- Vol. 11, no. 3, Sep. 1965.**
- Table of contents translated.
- Mateev, A. B., Belicheva, N. M. - Equiluminant color system. p. 1.
- Kagay, V. K., Shatkevich, A. S. - Electric lighting of the boiler rooms of thermal electric power plants. p. 6.
- Frid, I. U. V. - Airport landing light signal systems. p. 11.
- Lukin, N. N., Polnova, E. S. - Photoelectric color comparison. p. 13.
- Tolb, R. L., Belkina, F. A. - Relationship between the time of the detection of lights and the effective flash. p. 20.
- Ustinov, G. N., Taktovich, B. I. - Consideration of the shading effect of opposite buildings in architectural calculation of natural lighting. p. 23.
- Ponizko, T. A. - Requirements of light fixtures in new "Regulations for the manufacture of explosion-proof electrical equipment." p. 25.
- Kats, I. A. - Outdoor light fixtures with fluorescent lamps should be improved. p. 26.
- Kliuev, S. A. - Basic standard documents on the design, installation, construction, and operation of light fixtures. p. 27.
- Faermark, M. A. - Nonparametric methods for evaluating the meaning of results obtained in a psychophysiological experiment. p. 29.
- Sazhin, I. U. V. - Scientific and technical conference of young specialists. p. 32.
- V POMOSHCH' RADIOLIUBITELIU [A GUIDE FOR RADIO AMATEURS]** [Issued by Vsesoyuznoe dobrovol'noe obshchestvo sodelystvia armii, aviatarii i floty [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 21, 1965.
- *VISTNIK SVIAZI [COMMUNICATION REVIEW]**, Issued by Ministerstvo svyazi SSSR and Tsentral'nyi komitet Profsoyuzov rabotnikov svyazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Communication of the U.S.S.R. and the Central Committee of the Trade Union of Communications Employees and Workers of Automotive Transportation and Highways]. Moscow, vol. 26, no. 9(300), Sep. 1965.
- Table of contents translated.
- Editorial: Increasing the income and profitability of telecommunication enterprises is the most important state task. p. 1.
- Successfully carry out the fulfillment of the 1965 plan. p. 3.
- Filippov, V. V. - Schematics for organizing telegraph communications according to a system of straight connections. p. 5.
- Gornov, G. I. - Use of diversity reception in radio-telephone communication lines. p. 8.
- Rutenberg, M. I. U. - Equipment for the automatic check of the consumer lines of automatic telephone exchanges. p. 9.
- Shelchuk, L. I. - Calculation of fading in multiplexed wire broadcasting distribution lines. p. 12.
- Matfenova, A. B. - Establishing norms for working capital in telecommunication enterprises. p. 13.
- Lebedev, V. N. - Observe strictly the labor legislation in telecommunication enterprises. p. 14.
- Glasborzon, M. I. A., Paviychev, I. M. - Pneumatic mail transportation in the Lvov telegraph and telephone exchange. p. 16.
- Pentelonen, A. A., Livshits, E. A. - Indexing of telegraph correspondence. p. 18.
- Shomarina, A. A. - In pursuit of important objectives. p. 19.
- Porshin, P. I. - Rural areas should be provided with outstanding telecommunication services. p. 20.
- Aleksandrova, N. G. - We shall build cadres of full-time letter carriers. p. 21.
- Iasinskaya, G. A. - Perseverently improve the style and operating methods of the administrative apparatus. p. 22.
- Volkov, S. G., Yakovlev, L. I. A. - Work conscientiously and render high-quality service to the public. p. 23.
- Shakhmatov, G. N. - Radio and television receivers should be serviced in an outstanding manner. p. 27.

Exhibited by foreign countries p. 28.
Shamaraev, I. P. - Consultations on problems in postal service p. 30

I. INDUSTRIES & TRADES

BUMAZHNAIA I DEREVOBRABATYVACHAIA PROMYSLENNOST' (PAPER AND WOODWORKING INDUSTRY). Issued by Institute tekhnicheskoi informatsii Gosudarstvennogo komiteta Soveta Ministrov Ukrainy skot SSR po koordinatsii nauchno-issledovatel'skikh rabot [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research]. Kiev, no. 3(24), July-Sep., 1965.

Table of contents translated
Isakov, A. I., Kishchuk, S. S., Oreskanko, N. I. - Automatic regulation and control of the conditions of panel veneering p. 3
Vorontsov, V. G. - Automation of the drying chambers and evaluation of the quality of the automatic control systems for wood drying p. 8
Nedel'man, V. M. - Overall mechanization of operations in the lumberyards of small capacity saw mills and woodworking enterprises p. 12
Gaevskii, B. A. - Automatic device for measuring and regulating the yield of water from fibrous suspensions p. 14
Valkhinskii, S. S., Nazarevskii, O. M. - Production of bleached woodpulp from aspen in digesters with continuous action p. 18
Korzhuk, G. K. - Induction pickups for the wood-working industry p. 21
Zakharenko, I. P., Fedoseev, L. A., Krivenko, A. K. - Hard-alloy cutters for hand surfacer and planes p. 25
Maidan, I. M. - Application of ultrasonic waves for the intensification of the gluing of tenon joints p. 28
Inozemtsev, G. B., Vozniuk, V. S. - High-voltage switch for systems used in lacquering of goods in the electrostatic field p. 31
Dolgov, K. A., Primakov, S. F., Tishchenko, S. V. - Production of increased yield unbleached woodpulp from poplar wood p. 32
Shapoval, A. P. - Determining the cutting strength in cutting shaped parts p. 35
Malliarov, A. V., Komarovskii, I. E., Kufershein, E. S. - Use of the MCh-52 lacquer in the Malina factory of bent furniture p. 38
Klimonchuk, A. N. - Belt-drum machine for grinding cutvilinear surfaces of bars with shaped cross section p. 40
Dvornik, Z. A. - Proposals of efficiency promoters in the enterprises of the Lvon Furniture Production Combine p. 41
Terezhchuk, V. I. - New design of the fork for the charging of the "4004" battery operated loader p. 44
Vasil'ev, A. V. - Device for the automatic connection of the transmission for roll release on polyethylene coating machines p. 45
Zadneprovskii, S. M. - Paraffining-and-printing machine for the manufacture of paper for milk packaging on automatic machines p. 46
Galtor, M. B. - Machine for grinding the edges at chair leg ends p. 46
Tsaiogradskii, E. K. - Provincial conference of the Scientific and Technical Society of the Paper and Woodworking Industry p. 48
Inventions p. 40.

KHARCHOVA PROMYSLOVIST' [FOOD INDUSTRY].

havyahu naukovu-lichne e of the on the fertific iev,

cts n the

it of the luring

11. ine for

re of a for

No. 2 18.

for in series.

param- of the

Krasna, B. I. A., and others - New synthetic glue for labeling machines p. 26
Iuditskii, D. G., Fedotkin, I. M. - Thermal and hydrodynamic testing of a tubular industrial cereal cooker p. 28
Druhobits'ka, S. P., Kizenko, L. M., Skrymyk, H. S. - Modified methodology for determining aromatic substances in bread p. 33
Kadanar, L. I., Dik, T. O., Halyvrons'ka, V. K. - Methods for determining the porosity of lacquer films on the plate p. 35
Zaborsin, A. F. - Aerodynamic resistance of a granulated sugar layer in bins p. 36
Val'chuk, H. I., Hurb, M. L., Machukova'kyi, D. M. - Self-hardening plastics as substitute for antifriction metal compounds in the manufacture of food machinery p. 40
Zharovskii, A. S., Bershads'kyi, H. I. U. - Electromagnetic feeder of SSKO (canned food containers) lids p. 10
Malyshev, V. V. - In the Designers Bureau of the Kirovograd Dairy Combine p. 47
Babanov, H. K., and others - Unit for air heating p. 49
Certificates of invention p. 51
Vozko, V. M. - Potentials for the lowering of the cost of production and increase of profitability in the production of antibiotic feeds p. 53
Lyseenko, F. K. - Economic efficiency of the use of ferment preparations in the production of juices p. 57
Ryts'ka, H. D. - Prospects for the use of substitutes of food raw materials for technical purposes p. 61
Lys'kyi, V. M. - Role of economic factors in the development and distribution of food industry branches p. 62
Lestuis, O. O. - Processing of oilseeds supplied by the customer with a minimum of expenses p. 66
Khikalo, L. F. - Norms of raw material expenditure for the making of creamy butter on continuous production lines p. 67
Voinova, N. V. - Labor expenditure for the production, an important index of the economic efficiency of the introduction of new equipment and techniques p. 69
Rybachuk, V. M. - Problems of the improvement of standards in the handling and storage of sugar beets in the sugar industry p. 71
Remennik, I. A. - Losses caused by the holding of cattle without food for periods in excess of the established norms before slaughtering p. 76
Mylnikov, A. M. - Economic efficiency of the production of rindless cheese in the factories of the Ukrainian S.S.R. p. 78
Danylov, K. I. - All-Union conference of the development and utilization of netless, combined and continuous fishing methods p. 79
Ukrainian Republic seminar of the representatives of the baking industry of the Ukraine p. 80
Prosiyani, V. S., Danylov, K. I. - Utilization of municipal sewage waters in fish culture p. 81

KHLEBOPEKARNIA I KONDITERSKAIA PROMYSLENNOST' [BAKING AND CONFECTIONERY INDUSTRY]. Organ of Gosudarstvennyi komitet po pishchevui promyslenosti pri Gosplane SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva pishchevui promyslenosti [State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 9, no. 9, Sep. 1965.

Table of contents translated
Suvorkin, G. V. - Mechanize the production processes in the bakeries of consumers' cooperatives p. 2
Shcherbatenko, V. V., and others - Simplified method of bread making p. 4
Egorova, G. S., Shklyarkina, T. I. - Autolytic activity of mixed rye-wheat flour p. 7
Prokopenko, N. F., Leichik, V. A. - Dynamic characteristics of the KhTR dough mixer p. 10
Grigor'ev, F. B. - Use of the products from soybean processing in the manufacture of confectionery goods p. 15
Savina, I. M., Babina, I. A. K., Trigubots, A. A. - Kinetics of the drying of short-cut macaroni products in conveyor dryers p. 16
Malygina, M. V., Kilsha, V. P. - Activation of industrial yeast strains p. 18
Romashkina, A. F. - Introduce the scientific organization of work by all means p. 20
Tul'skaya, N. S., Lednev, A. I. - Production combines of the bakeries of the Moscow Province p. 22
Ugarov, F. P. - Mechanized production line with a KhPA-40 oven p. 28
Nirukoshapko, L. N. - Proportioner for liquid ingredients p. 30
TSyganok, V. G. - Use of confectionery ovens with a shaft furnace developed by the All-Union Scientific Research Institute of the Confectionery Industry p. 31
Kofman, S. E. - Reorganization of small-capacity bakeries p. 33

Lebedev, V. F. - In the enterprises of the Karavanda Baking Combine p. 36
Bibliography and reviews p. 43
Savina, I. M. - Seminar on the theory and technology of the drying of food by sublimation p. 47

KOZHEVENNO-OBUVNAIA PROMYSLENNOST' [LEATHER AND FOOTWEAR INDUSTRY]. Organ of Gosudarstvennyi komitet po legkoi promyslenosti pri Gosplane SSSR and Tsentral'noe pravleniye RTO legkoi promyslenosti [State Committee for Light Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of Light Industry]. Leningrad, vol. 7, no. 8, Aug. 1965.

Table of contents translated
Organization of the All-Union Public Inspection of the Achievement of High Standards of Production and Improvement of Work Conditions in the enterprises of the Light and Textile Industry honoring the 50th Anniversary of the Great October Socialist Revolution p. 1
Makhivich, L. A., Kapustin, I. I. - Reliability guarantees for machinery p. 4
Pushkin, P. S., and others - Improve the methods for calculating the cost of production in sole leather factories p. 7
Komarova, V. R. - Exhibit of new shoe styles in the "Light Industry" Pavilion at the Exhibition of Achievements of the National Economy p. 10
Alfanashev, A. V., and others - Coating concentrates for leather finishing containing a new synthetic binding agent substituting for casein p. 11
Beloshan, A. P. - Deformation of leather in barrels p. 14
Kochetova, S. P. - Using the photocolorimetric method for determining iron oxide in tannin extracts p. 17
Aizup, P. Sh., Vodiakov, I. T., Chumakov, N. S. - Drying of artificial sole leather at high temperatures p. 19
Aleksenko, V. I., Nikiforova, A. P. - Some characteristics of the new types of synthetic rubber p. 22
Plinatus, A. A., Zavel'gel'skii, L. M. - Chemicalization of production in shoe factories p. 26
Kogan, P. L., Zub, G. G. - Chemical plant for the preparation of soda-soap solutions p. 27
Kailinskaya, E. B. - Wooden guide screw in a form apparatus p. 29
Vasovitch, N. N. - Use of the wastes of sheepskins manufacture in the production of protein feed supplements for poultry p. 30
Reviews and bibliography p. 30
Sixtieth birthday of Professor A. N. Mikhlin, doctor of technological sciences p. 36

Vol. 7, no. 9, Sep. 1965.
Table of contents translated
Editorial Campaign for footwear production of an excellent quality p. 1
Prikhodchenko, I. A., Moldavskii, A. M. - Using the new methods of operation and production planning developed by the electric locomotive plants in Novocheboks'k p. 4
Khudak, Z. I. - Improvement of production quality as potential for the growth of labor productivity p. 10
Gurevich, S. L., Stozhenko, I. U. I., Khmels, A. D. - Programming system with punched tape for the control of continuous work apparatus p. 13
Chudakov, V. S. - Unit for spray dyeing of leather p. 16
Aleksenko, V. I., Vorontsova, O. I. - Compatibility of polyamides with other polymers p. 20
Sintayeva, I. M., Zurbaban, K. M. - Compatibility of shoe finishing materials with leather cutting p. 23
Faibishenko, M. A. - Effect of various factors on the shape keeping of footwear p. 27
Shmeleva, T. A., and others - Use of polyacrylates for the strengthening of the skin of sheepskins p. 33
Kapustin, I. I., Peglovskii, V. L. - Ways to improve the molding equipment in shoe manufacture p. 37
Motovilin, A. V., and others - Manufacture of leather for shoe uppers from the sides of sole and insole leather p. 39

LEIKA PROMYSLOVIST' [LIGHT INDUSTRY]. Issued by Institut tekhnicheskoi informatsii Derzhavnykh komitetu Rady Ministriv USSR po koordinatsii naukovu-doslidnykh robot i Ukrain's'ke naukovu-tekhnichne tovarystvo lekol promyslovoosti [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research and the Ukrainian Scientific Technological Society of Light Industry]. Kiev, no. 3(23), July-Sep. 1965.

Table of contents translated
Vasiluk, M. Z. - Basic trends in the further improvement of the work of shoe industry enterprises p. 3
Bezvershuk, O. A. - Trends in the development of the glass and porcelain-faience industry of the Ukrainian S.S.R. p. 6

- Orlov, I. V., Herasimova, A. M. - Studying the properties of shaped porolon interlining for headgear. p. 10.
- Fret'nikov, L. I. - Methods and devices for measuring the heat insulating properties of fabrics for clothing. p. 14.
- Shvartsberg, H. A., Syvak, V. I. - Improvement of the production of men's trousers. p. 18.
- Polomb, L. M., Mal, L. S. - Dustless powders of organic dyes. p. 20.
- Kalynyts'kiy, L. B. - Manufacture of "covei" type tuck-figured fabrics on the interlock knitting machine. p. 23.
- Stankovich, K. I., Ovdlenko, T. L. - Hygienic properties of some synthetic fabrics for clothing and footwear. p. 28.
- Kucherova, N. K., Vidomenko, V. R., Klochko, N. O. - New toe puff materials for cemented footwear. p. 29.
- Sokserman, E. I., Balk, E. I., Chizhnikova, V. P. - New methodology for the evaluation of the hygienic resistance of leather. p. 30.
- Komatskiy, S. K., Evich, T. D. - Kaolin from the Dubrova deposit. p. 31.
- Bilozub, V. V., Tanluk, B. A. - Automatic temperature regulator for shoe dryers. p. 33.
- Faerber, I. A. L. - Machine for the preparation of korsev boot tops for the vulcanization of the top band and back strap. p. 30.
- Odenko, E. D. - Direct heating tank furnaces fired with mazut. p. 38.
- Gasko, P. T., Korolenko, I. I. - Using an electron microscope for studying the surface of "SPR" machine parts worn out by thread rubbing. p. 41.
- Martynovskiy, I. U. P. - Increasing the reliability of the electric circuit of the "Kovo" make interlock knitting machine. p. 43.
- Sokolov, B. I. - Processing of capron and Ispaan fibers with the equipment for cotton manufacture. p. 45.
- Shveikina, B. K., Pina'skiy, O. I. U. - Production of cotton-nylon blend yarn in the Kiev Cotton Spinning Factory. p. 47.
- Rymar, V. A. - Manufacture of warp pile ribbon on the TL-80SH ribbon looms. p. 49.
- Erremov, R. D., Postolova, N. S., Lozyts'ka, M. F. - Use of acetate silk in the manufacture of Art. 7143 plush. p. 51.
- Orlov, I. V., Herasimova, A. M. - Molding of warm interlining for headgear. p. 53.
- Mohilevich, P. N., Belan, L. F., Pavlukova, H. I. - Manufacture of clothing from the synthetic fabric "Pavol." p. 56.
- Dushyn, B. M., Derbaremdiker, M. L. - Filling of chrome leather for shoe uppers. p. 57.
- Fedorenko, O. I., Tkachenko, I. V. - Development of the basic design for the standard construction of women's sweaters manufactured on a flat tang knitting machine. p. 59.
- Arshynnikova, N. V. - Calculating the strength of knit fabrics. p. 61.
- Arbitan, A. A. - Design and calculation of the structure of artificial fur with a woven base. p. 63.
- Polomb, L. M., Pachova, N. O., Mitlakins'kiy, V. I. - Laboratory apparatus for dyeing synthetic fibers under pressure. p. 66.
- Borysenko, I. T. - Improved method for sharpening the edges of hammer knives on the SHPO-2 machine of the breaker-scatcher unit. p. 68.
- Yablin, D. M., Mann, R. B., Esol'ska, A. V. - Improvements at the Kiev Silk Combine. p. 69.
- Vasylutyn's'ka, A. V., Neverov's'ka, V. O., Rolf, M. M. - Proposals of the efficiency promoters of the Knit Goods Factory No. 1 in Chernovtsy. p. 71.
- Evtushenko, O. I. - Improvements in the "Tinkov" Clothing Factory in Kharkov. p. 72.
- Londarenko, O. M., and others. - Proposals of efficiency promoters of the "Children's Clothing" Factory No. 4 in Kiev. p. 74.
- Vasylutyn's'ka, A. V., Bazynova's'kiy, I. A. - Group method for the mounting of warping machines. p. 77.
- Kessel'man, L. I., Khoch, H. K. - Attachment to the Class 27 button machine for the sewing of buttons with eyelet end. p. 77.
- Gabach, E. O., and others. - Design of molded light weight heels. p. 78.
- Yobk, H. P., Syvchenko, N. A. - Characteristics of the operation of the hydraulic drive of machinery for the light industry. p. 79.
- Semenov, H. I. - Aspects and analysis of the utilization of fabrics in the manufacture of clothing. p. 83.
- Shuts'ka, K. S. - Renovation of the assortment of fabrics in the Kiev Silk Combine. p. 87.
- Pritysenko, N. S. - New fabric structures in the Darnitsa Silk Combine. p. 87.
- New books. p. 92.
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy, tekhnologiya legkoi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of Light Industry]. Moscow, no. 4(46), 1965.
- Table of contents translated
- Zhil'tsova, Z. P. - Problems of qualitative characteristics of the information in the accounting for materials in the clothing industry. p. 3.
- Raeva, R. K., Fierova, L. N. - Studying the effect of temperature and pressing time on the changes of some properties of Lysan blend fabrics. p. 12.
- Kolosauskas, V. I. U. - Using the aerodynamic method for determining the degree of nap piling in artificial fur fabrics. p. 17.
- Ryzhnikova, A. M. - Friction, the main cause of the wear of the cut edges in clothing. p. 22.
- Navasentso, A., Indunns, I. - Characteristics of fiber fatigue due to cyclic bending. p. 29.
- Tu chinkala, E. P., Pavlov, A. I. - Studying some thermophysical properties of nylon fabrics. p. 35.
- Kolov, M. P., and others. - Changes in the physico-mechanical properties of conjugated polyamide-polyester resins related to the various component ratio. p. 40.
- Ustinova, E. T., Volnitskiy, S. S. - Adhesion of latex elastomers to the films of fiber-forming polymers. p. 46.
- Miglaichenko, A. P., Salivon, N. I., Kazanskii, M. F. - Effect of the form of the absorbed moisture bond on the thermophysical properties of some types of artificial leather. p. 53.
- Rapchinskaya, S. E., Blokh, G. A. - Use of organic peroxides in the vulcanization of ethyl-propylene rubber. p. 57.
- Liubich, A. M. - Aerodynamic characteristics of some materials used in the manufacture of artificial leather and plastic films. p. 63.
- Kutseki, D. A., Strakhov, I. P. - Studying the tanning properties of the methylol derivatives of melamine. p. 69.
- Metelkin, A. I., Zaides, A. L., Kuz'mina, E. V. - Nature of the reaction of tanning zirconium compounds with collagen. p. 74.
- Filippova, N. B., Kuratits, S. A. - New method for the synthesis of syntans processing tanning and dubbing properties. p. 82.
- Zybin, A. I. U. - Studying the mechanical properties of materials for shoe uppers under the conditions of uniaxial and biaxial stretching. p. 84.
- Klimchuk, G. S., Zybin, I. P. - Investigating the effect of relative air humidity drops on the deformation of the leather parts during shoe manufacture and storage. p. 90.
- Bobrov, V. A., Roslik, G. I. - Development of shoe style sketches. p. 101.
- Igltkhanova, D. I. - Manufacture of knit fabrics with a high loop modulus. p. 109.
- Tukhin, G. L. - Design of developed patterns in clothing construction from fabrics. p. 116.
- Sidorov, E. P. - Plotting of the primary drafts of clothing patterns with the triangle method. p. 124.
- Tu asenko, A. I., Seduk, V. P. - Determining the dynamic loads in the chain speed variations of the transmissions of knitting machines. p. 130.
- Review and bibliography. p. 140.
- Roslik, G. I. - Fifth All-Union Conference and seminar of shoe industry representatives on the design and preparation of the shoe assortment for 1966. p. 144.
- *RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy, tekhnologiya legkoi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of the Moscow, no. 4(47), 1965.
- Table of contents translated
- TSerlin, Kh. I. - Comparing raw wool in the production of textile with woven method. p. 3.
- Sobolev, M. G. - Organization of electrical and technical maintenance. p. 7.
- Tikhomirova, V. I., Lefes, L. G. - The elastic properties and cleavage of half-woolen worsted cloth. p. 17.
- Palaima, J., Matukonis, A. - Characteristics of heterogeneous yarn in r. p. 17.
- Ivannikova, I. M. - Comparison of the physical properties of linen, cotton, fabrics affecting their hygienic. p. 23.
- Kalugin, N. V., Ermilova, I. A. - Protection of textiles against mildew. p. 30.
- Narutovich, K. - Standardization of flax fibers in the Polish. p. 37.
- Ipatov, A. M. - Disruption of bonds wood portions in the displacement the edge. p. 40.
- Bozunov, I. G. - Conditions of the intensive working of fibrous materials by the main cylinder of a reider. p. 46.
- Spogova, A. M. - Twist setting of French spun yarn. p. 51.
- Pavlov, I. U. V. - Structural transformations in the silver at the twist threshold in the moment of breakage. p. 56.
- Ashnin, N. M., Truettsov, N. I. - Blending and equalizing capacity of the roller carding machine with two doffing cylinders. p. 62.
- Ozerov, B. V., Gusev, V. E. - Possibility to reduce the number of intermediate drafts in the weaving systems. p. 67.
- Bislarina, K. N. - Analytical and experimental determining of the changes in the density of winding during the formation of the warp package on the dresser-size. p. 75.
- Elopin, I. U. F. - Effect of the elastic vibrations of the warp guide rod on warp tension on STD-2-330 looms. p. 81.
- Videla, V. E. - Studying the changes in some properties of the "Meron" textured yarn as related to weaving. p. 85.
- Sadov, F. I., Mikhailov, P. V., Glazkovskii, I. U. V. - Using the chemical and spectral analysis methods in studying the process of alkali saponification of polyacrylonitrile. p. 91.
- Mikhailenko, P. I., Butenko, V. I. - Using the leuconic acid method in dyeing Ispaan and nitron synthetic fibers with vat dyes. p. 98.
- Zakhnava, T. D., Moryganov, P. V. - Studying the efficiency of the action of various precondensates in the combined dyeing and finishing process. p. 103.
- Sviridenko, P. A. - Frequency-and-pulse regulation of the rotation speed of asynchronous engines. p. 112.
- Sminov, V. I., Bakhtakov, V. M. - Criteria of isolation effect on the diameter of drops in the atomization of liquids by means of centrifugal jets. p. 122.
- Avvakumov, E. K. - Visual evaluation of the air flow about a rotating centrifugal pot in a free space. p. 127.
- Georgievskii, N. A. - Testing of spindle bedding for traction capacity. p. 135.
- Lunov, A. N. - Design of shuttle protector mechanisms for AT-100-5M looms. p. 140.
- Balysh, V. M., Khudykh, M. I. - Wear of thread guide materials by linen threads. p. 144.
- Mamtshev, E. N. - Method for designing the warp guide rod of STD looms for rigidity taking vibrations into account. p. 151.
- Korotev, V. M., Kotolov, V. G. - Some of the new trends in the design of drying and stretching machines for woollens. p. 158.
- Vasil'chikova, N. V. - Suiting fabrics made from viscose staple fibers and blended yarns. p. 164.
- Kogan, A. G. - Calculating the breaking strength of two-component yarns made from cotton, nylon and rayon. p. 167.
- Marasulov, Sh. - Information on the monograph of M. A. Khadzhibova on the effect of cotton fiber damages on the quality of textile raw materials. p. 170.
- SHVEIDAINA PROMYSHLENNOST' [CLOTHING INDUSTRY]. Organ of Gosudarstvennyi komitet po legkoi promyshlennosti pri Gosplane SSSR and T'Sentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva legkoi promyshlennosti [State Committee for Light Industry, Attached to the State Planning Committee of the

No 4, July-Aug. 1965

Table of contents translated:

- Organization of the All-Union Public Inspection of the Achievement of High Standards in Production and Improvement of Work Conditions in the Enterprises of the Textile and Light Industry to take place in honor of the 50th anniversary of the Great October Socialist Revolution p. 1.
- Kolesnikov, P. A. - Classification of clothing and materials for their manufacture p. 5
- Klycheva, M. Kh. - Weight of present-day clothing and trends in the research on the means to reduce it. p. 8
- Laters, I. A., Vasil'ev, E. Ia. - Work practices of "Rigas Aprebs" Production Combine in Riga p. 12
- Garanchian, V. I., Zlat'ev, V. A. - Improving the planning and accounting of commercial output and cost of production p. 17
- Zhil'tsova, Z. P. - Improving the accounting for materials in clothing factories p. 21
- Udalov, M. V. - Specialization and cooperation of the clothing industry in the Northern Caucasus p. 24
- Tret'yakova, N. Ia. - Effect of the elasticity of fabrics on the shape retaining by garments during their wear. p. 27
- Baranbaum, L. S. - Double-deck overhead conveyor for finishing shops and sections p. 30
- Bezrozum, A. M., Gendel'man, Sh. Ia. - Machine for printing fabric-made commercial labels p. 31
- Konikova, G. N. - Device for making soft fabric belts for women's dresses p. 33
- Bunina, O. F. - Experience in the manufacture of children's clothing from synthetic fabrics. p. 35
- Morozovskaya, I. S. - Aid for students of correspondence courses in the "Study of textiles used in the manufacture of clothing" p. 39

*SVAROCHNOE PROIZVODSTVO (WELDING PRACTICE).

Organ of Gosutsvetvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research in the U.S.S.R.] and others, Moscow, no. 12(324), Dec. 1963.

Table of contents translated:

- Kudr'yatsev, P. I. - Fatigue resistance of welded joints in high-strength cast iron. p. 1
- Bakshi, O. A., Kupershtak-Juzefovich, G. M. - Elastic properties of deposited austenitic metal and their anisotropy p. 5
- Ivanov, K. M. - Effect of the cooling rate on the properties of the austenite-ferrite metal of the weld p. 7
- Nazarov, G. V. - Kinetics of the growth of an austenite grain during the thermal cycle in electroslag welding. p. 10
- Anagorskiy, L. A., Koshka, A. P. - Welding of transformer steel. p. 13
- Golosovskiy, S. I. - Economic efficiency of welding in carbon dioxide in plants for the manufacture of heavy machinery p. 15
- Polotskiy, L. M., Tarkhov, N. A. - Vibrational mill for electrode manufacture p. 17
- Gillevich, V. A., Dubov, V. I. - Drying of electrodes for arc welding by the resistance heating method p. 20
- Mashkova, N. A., Kazakov, N. F. - Diffusion bonding of R18 high-speed steel. p. 22
- Senin, A. M., Sukhorukov, A. P. - Pores in argon-arc welded joints in titanium alloys and measures for preventing them p. 24
- Shaterin, M. A. - Effect of upsetting pressure on the quality of the butt welding of tools. p. 27
- Sarkisova, L. P. - Increasing the gas absorption of acetylene cylinders. p. 28
- Grishin, V. L., Khadzhi, D. L. - Solder for aluminum alloys p. 30
- Kozyrev, V. K., Byshov, A. V. - Hard facing head with a tracer carriage p. 31
- Zusin, V. Ia. - Nontograph for determining the optimal of gas electric metal cutting. p. 33
- L. - Carbon dioxide shielded welding of chamber of a refrigerator p. 35
- uba, A. I. - Pack cutting with low- p. 36
- zko, V. V. - Selecting an p. 37
- zzle for cutting steel.

effect of a propane-

holders in Kazakhstan.

conference in Moscow

ngness on the Inter-

p. 42.

nslated:

- Weldability of 18G2 p. 1.

- The resistance of some p. 2.

- ick formation during p. 3.

zefovich, G. M. - Rela- p. 4.

- friction welding. p. 5.

- Batist, U. I., Khudiyakova, R. M. - "Light streak" in furnace welded pipe seams p. 12.
- Dorchenko, V. F. - Investigating the fusion process of an electrode wire in automatic welding under flux p. 14
- Kobylanskiy, I. F., Peshkikhonov, V. D. - Resistance welding of OKh18N15M3B (EP370) steel p. 16
- Voinovskiy, L. N., and others - The VST-1 cellulose-coated electrodes for the welding of pipelines p. 18
- Iskoldskiy, I. I., Gorbunov, A. E. - The KDKH-45 hard facing materials p. 20
- Svishchenko, V. T. - Effect of heat treatment on the weldments in 22K boiler steel p. 22
- Mitskan, I. I. - Introducing the MGM-1 machine for gas cutting to scale with a photocopying type drive p. 23
- Pavlichenko, V. S., Usvachev, A. A. - Design of welded flanges of heat exchangers p. 25
- Tesmenovskiy, D. I., Ofitserov, D. M. - Stationary low-pressure GND-40-61 acetylene generator p. 27.
- Nechay, V. D. - Propane-butane-oxygen GZU-2-02 and GZM-2-02 welding torches p. 29
- Kachura, M. G., Popov, K. V. - Increasing the resistance of welded dredge piles to brittle fracture at low temperatures p. 32
- Agapov, N. P., Cherniak, M. A. - Altering a spot welder for the welding fittings for vacuum equipment p. 33
- Nielsenberg, M. M., Gurevich, L. I. - Replacing cast bushing-arms of pouring machine chains by cast and welded ones. p. 34
- Pukin, V. M., Fain, N. I. - Automatic hard facing of rolling mill rolls. p. 35
- Pastukhov, A. M. - Training of welded engineers p. 35
- Marsanova, G. A. - Annual report of Commission XIII "Fatigue testing" given at the Congress in Helsinki (Finland) in July, 1963. p. 36.
- List of documents of the International Welding Institute received by the U.S.S.R. National Committee of welding in November and December, 1963. p. 37
- Boeva, K. I. - Welding equipment at the Exhibition of the Achievements of the National Economy of the U.S.S.R. p. 38
- Timofeev, V. I. - Republican conference of Azerbaijan welders p. 41.

No. 9(345), Sep. 1965.

Table of contents translated:

- Smirnov, A. G., Lyubavskiy, K. V. - Concurrent heating in welding 25KhSNVFA steel. p. 1.
- Petrov, A. V., Morozov, A. I. - Formation of the stream of spraying materials in applying coatings with an enclosed arc. p. 5.
- Kuikin, S. A., Luk'yanov, V. F. - Estimate of the structural strength of a welded thin-walled vessel according to the tests made in biaxial extension. p. 7.
- Zolotarev, B. B., Sagalevich, V. M. - Calculating residual stresses in a weld zone caused by peening. p. 10.
- Savchenko, V. A., Sotnik, I. S., Kovatenko, V. S. - Effect of aluminum on the weldability of low carbon steel. p. 13.
- Pankov, I. S., Solov'ov, A. P. - Remote control systems for tracking the travel of the welding arc along the line of the butt weld. p. 15.
- Mastov, Iu. A., Mikhlin, V. S. - Technical and economic characteristics of air-electric arc plasma welding with lamellar electrodes. p. 17.
- Rylov, L. A., Budnik, N. M. - Spot welding of steel with a phosphate coating. p. 18.
- Kozlov, N. M., Rinkovskaya, A. P. - Properties of weld joints in OKh21N5T and OKh21NOM2T stainless steel at low temperatures. p. 21.
- Evstafyev, G. I., Sheldorov, R. G. - Selecting an electrode material for the semiautomatic electric slag welding of reinforcement butt joints. p. 24.
- Moskalov, A. N., and others. - Tests in cutting high-alloyed steels without flux. p. 26.
- Katreechko, V. I., Kitimakovskaya, S. S. - Austenite electrodes with decreased toxicity. p. 28.
- Shtitsyn, V. V. - Effect of technological parameters of welding conditions on the output of welding in carbon dioxide. p. 29.
- Medovar, B. I., Chekolillo, L. V., Geiman, S. I. - Fluoride and boron flux for arc and electric slag welding of austenite steels and alloys. p. 30.
- Lebedev, B. D. - Problem of determining the filling coefficient of a powder wire. p. 32.
- Kazakov, Iu. V., Kechetov, A. D. - Automating the striking of welding arcs. p. 33.
- Vainer, Sh. A., and others. - Finishing the SGU gas-cutting machine with a FOS-4 scale photocopying control system. p. 34.
- Gorzhanchikov, N. E., Garlaev, A. L., Zvezlov, L. I. - Submerged melt welding of the rails of crane tracks. p. 35.
- Iskovtchev, A. A. - Shear testing by torsion of welded and glued and welded spot joints. p. 35.
- Mandator, N. M., Pokhodnia, I. K., Kostenko, B. A. - High-speed radiography of an underwater welding arc. p. 37.

- Gudkova, N. P. - Pneumatic expansion gun for spot welding. p. 38
- Arabadzhi, Ia. B., Lesnichii, V. S. - Gas-arc cutting of aluminum and stainless steel. p. 39.
- Trigub, A. A. - Modernization of the power supply system for the A-5472 semiautomatic equipment p. 39.
- Kashlinskiy, R. N. - Economy of resistance welding, for wire and cable sheathing. p. 40.
- Iakov, A. V. - A waste-gas-heated drying for welding electrodes. p. 40.
- Belous, N. N. - Increasing the strength of weld joints in B-92 aluminum alloy by peening. p. 42.
- Kuigel', V. A., Faigengbaum, D. S., Petukhov, V. I. - The ADA-300 automatic machine for argon-arc welding of a current collecting unit of the TZhN-type battery. p. 42.
- Nechay, V. D. - The IAG-1-63 gas mixer for gas-electric welding and cutting of metals. p. 43.
- Rudman, M. D. - Conference of welders of the Kuybyshev Province. p. 45.
- Dunakovskiy, Z. N. - Quality improvement of welding operations during the building of metallurgical and coke industry plants. p. 45.
- Andrei Ateksandrovich Enokhin's sixtieth birthday. p. 47.

TEKSTIL'NAYA PROMYSLLENNOST' (TEXTILE INDUSTRY).

Organ of Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR and Central'noye pravleniye Nauchno-tekhnicheskogo obshchestva legkoi promyshlennosti [State Committee for Light Industry, Attached to the State Planning Committee of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Light Industry], Moscow, vol. 25, no. 8, Aug. 1965.

Table of contents translated:

- Salybaldin, N. S., Kudikova, N. V. - Some problems of the development of the textile industry in Kazakhstan. p. 1.
- Chapov, Iu. F. - Importance of the index of the utilization of the operative capacity of drafters. p. 1
- Tugov, I. I., Gorokhovskaya, L. I. - Use of synthetic fibers obtained from the cold of wear threads p. 1
- Vol'f, L. A. - Impacting antistatic properties of fibers. p. 9.
- Steigil, G. K., Alkhodzhayev, B. I., Degosov, B. I. - Imparting decay and fading resistance properties to cellulose materials. p. 12
- Sovost'yanov, A. G., Zaytsevich, M. I. - Process of fiber flow arrangement and straightening on reeling machines. p. 14
- Slyanov, V. E. - Using the method of controlled breaking in the stapling of synthetic fibers p. 20.
- Kochetkov, S. S. - Determining the duration of the service life of rings in the manufacture of cotton yarn. p. 23.
- Oganesjan, D. N. - Studying the wet tension on fibers with microshuttles. p. 27
- Kovalova, N. S. - Farming of fabrics for protective clothing. p. 31.
- Kruglov, B. S. - Group method for the punching of Jacquard cards from an undeveloped pattern. p. 34
- Dolgova, T. V. - Using bobbing with an increased winding diameter in the preparation department of weaving mills p. 39.
- Dalidovich, A. S. - Comparative technical and economic characteristics of circular and "Mallory" type knitting machines. p. 39.
- Ignatova, L. P., Krepel', M. P. - Run-in test cycle used in the manufacture of seamless hosiery. p. 43.
- Manvolian, A. T. - Work practices of the "Krasnyi Vostok" Factory, an enterprise of communal labor. p. 48.
- Smirnova, G. A., and others. - Economic efficiency of the manufacture of nonwoven fabrics. p. 50
- Koretko, V. P. - Analyzing the work of the alkali-washing and treatment machines of the bleaching machinery units. p. 52.
- Efros, R. D., Sadov, F. I. - Alkali and acid hydrolysis of the coloring obtained by the method of simultaneous dyeing and finishing. p. 56.
- Bial'ski, A. L., Karpov, V. V. - Using the suspension method on a continuous apparatus for the dyeing of fabrics with vat dyes. p. 58.
- Cuzh, E. I. - Use of instruments with isotopes in the dyeing processes. p. 60
- New dyes and the "TVV" fast (sulfonated direct dyes made in Czechoslovakia). p. 61.
- Prorokov, N. I., Kudryashova, A. A., Ryvkina, F. N. - Use of active dyes in resist printing on cotton and insoluble hydroxyazo dyes. p. 63.
- Paulauskas, A., Visokinskis, A. - Changes in properties of polyamide fibers and fabrics due to prolonged exposure to sun's rays. p. 66
- Nosov, M. P., and others. - Preventing the strength decrease of nylon filaments during twisting on a ring twister. p. 70.
- Fedotov, O. V., Kulikov, M. I. - Advantages of the use of four-pole electric motors for loom driving p. 74.
- Ogarev, A. P. - Lengthening the service life of the picking comb point of looms. p. 77.

- Vinogradov, I.U.S. - Need for a revision of the methods for determining unevenness in textiles. p. 78
- Shevchenko, V.I. - Carefully train colorists and finishers. p. 81.
- Semenova, T.V., Khachatryan, M.G., Shtakher, L.I. - Processing of nylon to yarn in the Sverdlovsk Woolen and Worsted Combine. p. 82
- Review and bibliography. p. 85.
- In the State Committee on Light Industry of the State Planning Commission of the U.S.S.R. p. 93
- Materials on the statistics of the textile industry of the U.S.S.R. p. 95

g. MECHANICAL ENGINEERING

AVTOMETRIYA [AUTOMETRY]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Department of the Academy of Sciences of the U.S.S.R.]. Novosibirsk, no. 2, 1965.

- Table of contents translated
- Karnachev, V.P., and others. - Some problems of the quantum biology and problems of the communication of information in biological systems. p. 3
- Gazenko, O.G., Chikhonadskii, N.A. - Perception of some mechanical values peculiar to the organism of an animal. p. 11.
- Kaipuk, B.V., Tsapenko, M.P. - Measuring information systems. p. 18
- Sobolevskii, K.M. - Balance measuring electric circuits and the elements of their general theory. p. 26
- Grinevich, F.B. - Using optimizing control and parametric modulation in designing automatic electric measuring devices. p. 30
- Tverdokhlebo, P.E. - Set of components for idealized models of analog-to-digital converters. p. 43
- Kasparovich, A.N. - Eliminating the effect of periodic interferences on the results of the multimeterings of direct voltages. p. 53
- Zemel'man, M.A. - Relationship between random errors of an analog-to-digital converter with an automatic correction of systematic errors and the noise of elements of its circuit. p. 59.
- Fimenko, V.V. - Interference resistance of binary-decimal codes. p. 63
- Kantorovich, V.B., Melik-Shakhnazarov, A.M., Shain, I.L. - Investigating the balancing process in automatic digital a.c. compensators. p. 69
- Aleksandrov, V.M., Nestorov, A.A. - Optimum processes in linear measuring systems. p. 77.
- Klempner, K.S., Chodnichenko, I.M., Shumilovskii, N.N. - Calculating radioisotope devices taking into consideration instrument errors and statistical characteristics of the input signal. p. 84.
- Aleksandr Aleksandrovich Kharkevich; obituary. p. 92.

no. 4, 1965.

- Table of contents translated:
- Melik-Shakhnazarov, A.M. - Basic problems of the electrical measurement of the depth parameters of wells. p. 3.
- Grinevich, F.B., Karandeev, K.B., Shtamberger, G.A. - Principles of the construction of measuring apparatus for electric prospecting using natural electromagnetic field methods. p. 8.
- Aleksandrov, V.M. - Choice of the parameters of measuring systems with optimal control. p. 17.
- Ivanov, L.N. - Use of statistical measuring systems in the solution of a problem concerning the optimization of the function of several variables in the presence of random interference. p. 22.
- Vitikh, V.A., Ginzburg, A.N. - Algorithm for data collection control. p. 26.
- Baglat, R.D. - Automatic measurement of values with minimal a priori information. p. 36.
- Umantsev, G.D. - Analog and discrete transformations of signals by neurons. p. 43.
- Nazarov, L.A., Umantsev, G.D. - Transformation of signals in the peripheral sectors of biological analyzers. p. 49.
- Pankov, B.N., Sobolevskii, K.M. - Increase in the accuracy of quasibalanced bridge circuits. p. 55.
- Akhmetov, M.A., Tomson, I.A. - Dynamics of automatic optimizing bridges. p. 63.
- Corellkov, N.I., and others. - Construction of digital balance measuring instruments with variable structure. p. 76.
- Domaratskii, A.N. - Use of quasilinear components for correlation measurements. p. 81.
- Lidzhenkii, M.M. - Study and comparative analysis of translator switches with different control principles. p. 89.
- Rago, K.G. - Simplified methods for constructing circle diagrams for three-terminal three-element electrical circuits. p. 97.

VTOMOBIL'NAIA PROMYSHLENNOST' [AUTOMOBILE INDUSTRY]. Organ of Gosudarstvennyi komitet avto-traktornogo i sel'skokhozyaistvennogo mashinostroeniia pri Gosplane SSSR [State Committee for the Tractor and Agricultural Machinery Industry, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, vol. 31, no. 9, Sep. 1965.

- Table of contents translated:
- Alalykin, N.G. - Stability coefficient of a truck loader. p. 1

- Kostrov, A.V., Kunlavskii, B.M. - Effect of cooling water temperature on the thermal conditions of parts of motor-vehicle engines. p. 3
- Zaitchenko, E.N., Aboltin, E.V. - Power needed for the drive of the turbocompressor supercharger of a motor-vehicle engine. p. 8
- Glagovskii, S.A., Dmitrievskii, A.V. - Small cylinder capacity engine with V-shaped cylinders. p. 9
- Golushkin, I.U.G. - Using resistance thermometers in testing motor vehicle engines. p. 12
- Avdonkin, F.N. - Changes in the wear intensity of parts depending on the dimension of a gap in coupling. p. 14.
- Aimadorov, R.G., Kriestovnikov, G.A., Semenov, V.M. - Determining operating conditions of the GX6-type motor truck. p. 16.
- Bel'skii, A.E., Kukeleva, T.A. - Investigating the movement of motor vehicles on mountain roads with prolonged upgrades. p. 18.
- Derbinidze, A.D. - Theory of the performance of pneumatic-hydraulic devices of a suspension. p. 19.
- Stepunov, G.IU., Arutunian, D.V. - Designing vehicles supported by an air cushion with a partial relieving. p. 24.
- Rotenberg, R.V. - Using electronic computers in developing the theory of motor vehicles. p. 28
- Murasov, A.Sh., Karples, I.I. - Using cold extrusion techniques in manufacturing spring linings for the GAZ-69 motor truck. p. 33.
- Trusov, A.A. - Increasing the wear resistance of brakes. p. 34.
- Zibenberg, A.I. - Intermediate unloading of conveyors. p. 36.
- Vasin, I.I. - Plastic coating of parts by means of vortex spraying. p. 37
- Obolenskii, V.N. - Automation of assembly work in the automobile and tractor industries. p. 39
- 60th birthday of B.S. Fal'kevich. p. 48

AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Organ of Ministerstvo avtomobil'nogo transporta i shosselnykh dorog RSFSR and Tsentral'nyi komitet Profsoiuza rabotnikov avtari, rabochikh avtomobil'nogo transporta i shosselnykh dorog [Ministry of Automotive Transport and Highways of the R.S.F.S.R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers]. Moscow, vol. 43, no. 8, Aug. 1965.

- Table of contents translated
- Ivanov, A. - A year of work under new conditions. p. 1.
- Maesh, A. - Improve the organization of public inspection of the operations of automotive transportation. p. 3
- Markhones, I. - Innovators and inventors promote technological development. p. 4.
- Outstanding workers. p. 6.
- Shushkevich, P. - Introducing radio and telephone communications. p. 7.
- Chernyshev, S. - Railroad and motor vehicle stations. p. 8.
- Kapovskii, I. - Transportation of health-resort visitors in Crimea. p. 9.
- Terekhin, V. - Mechanization of labor-consuming operations at the Kiev Motorbus Station. p. 10.
- Rodionov, V. - Automatic ticket distributor for motorbuses. p. 12.
- Air heating of motor vehicles. p. 13.
- Aniekin, L., Baranchuk, P., Korolev, R. - Analysis of basic structural parameters of air-heating units for motor vehicles. p. 13.
- Kvitko, Kh. - Calculating economic efficiency of the introduction of air-heating systems in an automotive transportation unit. p. 18.
- Komissarov, V. - Air-heating systems for outside storage of motor vehicles. p. 19.
- Usov, E. - Advantages are evident. p. 20.
- Grzhechuk, M. - Air-heating system for every automotive transportation unit. p. 21.
- Levitskii, Sh., Vasil'evykh, N. - Honing with synthetic diamonds. p. 22.
- Zhoga, M. - Device for testing speedometers. p. 24.
- Falbusovich, M. - Coefficient of paying miles and the idle period of taxicabs in parking. p. 25.
- Wages of highway transport workers. p. 26.
- Bleiz, N., Panfilov, V. - The K-88A carburetor for ZIL-130 motor truck engines. p. 29.
- Specifications for the new makes of motor trucks. p. 31.
- Gorodov, V. - Driving without accidents is the basis of a training. p. 36.
- Pevzner, S. - Drivers' training should be in the center of attention. p. 37.
- Osipov, N. - Methods for drivers' training. p. 38.
- Poltov, K., Poltev, M. - More attention to drivers' training. p. 39.
- Iurchev, M. - Public promotes traffic safety. p. 41.
- Kokorshvili, G. - Equipment for testing air bottles. p. 42.
- Polubabkin, A. - Device for flattening kingly bushings. p. 43.
- Ermakov, A. - Device for fitting glass in windows. p. 44.

- Filonenko, V. - Improvement of the backboard of the ZIL-585 dump truck. p. 45.
- Chepurnoi, O., Nikolaenko, G., Lupashchenko, A. - Maintenance of motor trucks operating far away from the bases. p. 46.
- Rastorguev, I., Popov, P. - Unit for washing small parts. p. 48.
- Advanced experience to all automotive transportation units. p. 49
- Kutikov, G., Malyshev, G. - Using chemical materials in the maintenance and repair. p. 51
- Bulovich, A. - Information service. p. 51.
- Frumkin, M. - If the objectives of construction industry and automotive transportation workers are the same. p. 52.
- Efficient organization of the transportation of commercial goods. p. 54.

Vol. 43, no. 9, Sep. 1965.

- Table of contents translated:
- Konov, V. - Education and organization decide the success of a business. p. 1.
- Blainov, M. - Operational service needs engineers. p. 4.
- Panchenko, M. - Revise the norms for amortization deductions. p. 5.
- People's universities. p. 6.
- Orlov, N. - Promote good conditions of collectives. p. 8.
- Menn, A. - For the welfare of man. p. 10.
- Chernishin, A. - Organization of transportation and dispatching service for the people of the White Russian S.S.R. p. 12.
- Zabrechenko, N. - Improving the servicing of people in peak hours. p. 14.
- Mirgorod, V., Kravets, P. - Mechanized transportation of sugar beets according to an hour schedule. p. 15.
- Spivak, I. - Centralization of the TO-2 check of motor trucks in Kirov. p. 17.
- Skrynnik, S. - Mechanized accounting in automotive transportation units. p. 19.
- Plisko, V. - Organizing routine check and repair operations by units and sections in a passenger transportation unit. p. 21.
- Zolot, L. - Improvement of production quality is our most urgent objective. p. 24.
- Lamevskii, I., Orlov, E. - Comparison of burnishing and honing of engine cylinders. p. 26.
- Sokolin, L. - Repairing the crankcase of steering bevel gears of the UAZ motor vehicles. p. 28.
- Agnitskii, S., Aivazovskii, V. - Results of using mathematical methods for planning transportation. p. 31.
- Fomin, V. - What will be the effect of the concentration of motor-vehicle park in Moldavia. p. 33.
- Frolov, K.K., Gavrilov, S.V. - Wages of automotive transportation workers. p. 34.
- Alolan, K. - Motorbuses manufactured at the Lvov Plant in 1965. p. 36.
- Harionov, V. - An important cause for a premature wear of tires. p. 38.
- Morozov, B., Napol'skii, G. - Elastic rubber elements of traction and coupling devices. p. 41.
- Kuzovkin, V., Zislun, L. - Compressor of the GAZ-66 motor truck. p. 42.
- Traffic organization and safety. p. 43.
- Training specialists. p. 45.
- Exchange of experience. p. 46.
- For passengers' convenience. p. 54.
- Gapanovich, N. - Conference on innovations and inventions. p. 56.

ELEKTRICHESKAYA I TEPLOVOZNAIA TIAQA [ELECTRIC AND DIESEL LOCOMOTIVE TRACTION]. Organ of Ministerstvo puti soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 9, no. 9(104), Aug. 1965.

- Table of contents translated:
- Observance of the requirements of industrial aesthetics is an important prerequisite of high labor productivity. p. 1.
- Vstavskii, L.I., Dmitrienko, I.V. - Continuous line for the repair of storage batteries. p. 3.
- Abramov, N.G. - Ways to eliminate pressure in the crankcase of 2D100 diesel locomotives. p. 5.
- Bychenko, V.A. - An efficiency promoter suggests performing the machining of traction engine collectors on the lathe with support by their own armature bearings. p. 6.
- Smirnov, A.P., Egorikhin, G.A. - New developments in the structure of the linear subdivisions of electric power supply sections. p. 7.
- Boevovskii, I.K. - Take off the excess energy of current recuperation without the use of frequency triplers. p. 9.
- Ridel', E.E. - Some recommendations on the repair of the group switches of ChS2 electric locomotives. p. 11.
- Perel'man, I.U.Z., Belen'dii, A.D., Osika, K.P. - Simple method for preventing the water contamination of diesel oil. p. 14.
- Maksakova, T.N., Pushkareva, S.A., Proskurnikov, S.I. - Ways to lengthen the service life of the truck interlinkage parts of VL9 electric locomotives. p. 15.

- Bioshenko, I.A. - Standardized type FD107 traction engine for diesel locomotives. p.17.
- Kuznetsov, M.F., Maslakov, L.A. - What can be learned from the experience in the operation of the 2TE10L diesel locomotive. p.19.
- Timmerman, F.A. - Improved design of the indicator rod for the testing of the insulators of overhead contact systems. p.20.
- Khominich, A.Z., Vlasenko, B.T., Visin, N.G. - Synchronous start circuit of the ER2 electric train. p.23.
- Iablonskii, P.I. - Is there a justification for the installation of main resistor heaters on VL8 electric locomotives? p.25.
- Bellakov, V.A. - Blocking systems improving safety conditions. p.27.
- Kapitelkin, V.A., Khokhlov, N.G., Lisunov, S.V. - Useful technological improvement, a block for the detection of defects in a low-voltage circuit installed in the cab of electric locomotives. p.27.
- Conference of the experts on railroad electrification of the member-countries of the Organization for the Collaboration of Railroads. p.29.
- Eremenko, G.I. - Emergency fuel feeding system for 2D100 diesel locomotive engines. p.31.
- Levin, I.G., and others. - Operation of the engineer's valve provisory No.222 with a stabilizer. p.32.
- Portnagin, I.U. V. - Ways to prevent the scorching of reverser segments on diesel locomotives. p.34.
- Amelchenko, A.P., Pletnev, S.M. - Contact protection on ChS2T electric locomotives. p.35.
- Lomov, P.T. - Editing incident occurred on the TE3-4008 diesel locomotive. p.36.
- Cherchovitch, P.M. - Failure of the auxiliary fuel pump. p.37.
- Sitkovskii, I.P., Ryzhova, Z.A. - Use of synthetic resins in the repair of electric insulation parts. p.38.
- Bove, E.G., Gromov, S.A. - Answering readers' queries. p.40.
- Dmitriev, V.A. - Electrification, the basic trend in the development of railroad transportation. p.42.
- Bek, G. - New Czechoslovak Switching diesel locomotives. p.47.

***INZHENERNYI ZHURNAL [ENGINEERING JOURNAL].**
Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol 5, no.4, 1965.

- Table of contents translated
- Gutin, A.I. - Movement stability of gyroscopic and physical pendulums on movable foundations. p.603.
- Pollanskii, O.I.U. - Applicability of the law of plane sections to the hypersonic motion of deformed bodies in nonhomogeneous unsteady media. p.606.
- Afanas'ev, E.F. - A problem of the diffraction of shock waves. p.612.
- Maslov, L.A. - Using a method of the determination of velocity potential of a perfect fluid flow about a body of revolution for calculating attached masses. p.624.
- Solov'ev, S.N. - Calculation of a laminar boundary layer on a sphere with a supply of helium as a cooler. p.630.
- Lyzhin, O.V. - Throttle systems in a compressible gas flow. p.641.
- Darevskii, V.M. - Stability at the torsion of a long cylindrical shell. p.650.
- Perlin, P.I. - Solution of basic problems in the potential theory and elasticity theory of some hollow and composite bodies. p.657.
- Kol'tsov, V.S. - Some solutions of the problem of the bending of a circular orthotropic plate on an elastic support. p.667.
- Kornishin, M.S., Isanbaeva, F.S. - Elastic rectangular plates uniformly loaded along the axes of symmetry. p.675.
- Pehenichnov, G.I. - Low natural vibrations of elastic shells of revolution. p.685.
- Liubimov, V.M. - Axisymmetric gas oscillations in a cylindrical cavity taking into account the elasticity of its face wall. p.691.
- Senitskii, I.U.E. - Transverse impact on a rod of continuous or composite section. p.697.
- Frenkina, I.P., Kharitonova, A.N. - Propagation of elastic waves in a stepped rod with concentrated masses. p.705.
- Makushok, E.M., Segal, V.M. - Some dependences in a field of sliding lines formed by circular curves. p.711.
- Agamirzian, L.S. - Drawing a plastic strip through a die. p.722.
- Stroganov, A.S. - Analysis of plane plastic deformation of soil. p.734.
- Gozdek, V.S. - Vertical vibrations of landing-gear trolleys during the movement of an airplane along a ground runway. p.743.
- Ushtinov, M.D. - Some precise solutions of equations of a plane, steady, adiabatic flow of a perfect gas. p.746.
- Nikol'skii, A.A. - Uniform shift movements of a monatomic rarefied gas. p.752.
- Makeyev, N.N. - Theory of the interaction of simple waves. p.756.

- Bukovshin, V.G., Shestova, N.P. - Fall of a flat subsonic jet on a plane at an arbitrary angle. p.761.
- Kuznetsov, V.R. - Turbulence of wakes of the same velocity. p.763.
- Ibragimov, F.M. - Heat transfer at a viscoplastic fluid flow between two rotating cylinders. p.768.
- Movchan, A.A. - Substantiation of some criteria for the equilibrium of plates. p.773.
- Sarkislan, V.S., Movsisian, L.A. - Determining critical loads for anisotropic plates. p.777.
- Aleksandrov, V.M. - Some contact problems for beams, plates and shells. p.782.
- Saprykin, A.A. - Some problems of metal flow during forging. p.785.
- Stepanski, L.G. - Drawing and pressing thin-walled pipes. p.789.
- Sabodash, P.F. - Behavior of an elastic plate subjected to a normal pressure moving along its border. p.793.
- Bagiev, V.V. - Course of an impact process beyond the applicability of the Hertz theory. p.796.

KHARKOV. INSTYTUT INZHENIRIV ZALIZNYCHNOHO TRANSPORTU. Tруды [INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION, Transactions]. Moscow, no.76, 1965. Saving of metals and the durability of parts.

- Table of contents translated
- Bogomolov, N.I., Seredenko, V.N., Nosach, P.I. - Investigating the wear of cast iron in a medium of loose abrasives. p.4.
- Bogomolov, N.I., Nosach, P.I. - Rate of the wear of hardened steel in a medium of loose abrasives. p.11.
- Seredenko, V.N., Nosach, P.I. - Cast worms. p.16.
- Petroslan, P.P., Glushko, G.D. - Effect of a decarbonized layer on the character of plastic deformation of the tail-head metal. p.24.
- Glushko, G.D. - Effect of a decarbonized layer on the contact breakdown of the rail metal. p.28.
- Seredenko, V.N. - Cast runners of brake-shoe retarders for mechanized hump yards. p.33.
- Ovcharov, V.P. - Investigating deposits obtained by the method of hard aerage. p.35.
- Ovcharov, V.P., Dubovik, N.S. - Studying the wear resistance of engineering cast irons processed in a steam atmosphere. p.41.
- Chernilavskii, I.A.L. - Increasing the durability of cam mechanisms of automatic machines. p.54.

KUZNECHNO-SHTAMPPOVOCHNOE PROIZVODSTVO [FORGING AND STAMPING]. Organ of Gosudarstvennyi komitet po mashinostroeniui pri Gosplane SSSR and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R., and the Scientific Technological Society of the Machinery Industry]. Moscow, vol.7, no.8, Aug.1965.

- Table of contents translated:
- Kolesnikov, S.M. - Effect of the rate of forming on the center of deformation during high-speed closed-die forging. p.1.
- Levanov, A.N., and others. - Investigating the effect of tool roughness on external friction during upsetting. p.6.
- Artes, A.E., Zilan, N., Nikiforov, V.K. - Radioloscope devices for thickness control during automatic sheet-metal work. p.9.
- Pogodina-Alekseeva, K.M., Krotkova, E.E. - Changing the coefficient of flange forming on low-carbon steel following strain aging. p.13.
- Gorbunov, M.N., Paahkevich, A.G. - Tube swaging with an axial backer. p.14.
- Blobran, B.S. - Bending moment and residual curvature during plastic pipe bending. p.16.
- Khmar, S.M., Smolashnikov, V.P., Kotomoltsev, A.A. - Causes of the crumbling-out of hard-alloy blanking dies. p.21.
- Chukmasov, S.F., and others. - Investigating forces acting in a balling press chamber. p.23.
- Vlasov, O.G., Kogan, M.S., Osipov, I.P. - Forging hammer rod with a blind cylindrical opening. p.25.
- Vasil'ev, B.P., Frolov, P.N. - New type of a 38-ton forging press. p.28.
- Lednov, I.U.N., Vagin, V.S., Iablonenko, P.I. - Calculating the frame bedplate of a 2000-ton crankshaft press. p.33.
- Kuvedov, V.A. - Air preheating in an open flame in furnaces for nonoxidizing heating. p.34.
- Raskind, V.L. - Methods of calculating the use of nonrepetitive parts from a rolled sheet of intermediate length. p.37.
- Khudik, I.U.T., Khudik, V.T. - Effect of the stressed state diagram on the metal quality in metal cutting. p.42.
- Zanis, I.V. - Changes in the design of collars. p.43.
- Bychkov, O.D. - Forging outside calipers with automatic fixing of the jaw by means of a ratchet. p.44.
- Malkin, B.M. - New device to measure the wear of the cutting edge of a die and the height of burrs on parts being cut. p.45.

- Synev, G.S. - Sectional adjustable split die for cold headers. p.47.
- Shul'gin, N. - Conference on forging in split dies. p.49.
- Shukhov, I.U. - Pressure working of hard-to-work metals and alloys. p.3 of cover.

Vol.7, no.9, Sep.1965.

Table of contents translated

- Isachenko, I.I., Mishunin, V.A. - Prospects for the acceleration of cold extrusion processes. p.1.
- Smirnov-Aliev, G.A., Olekhtev, A.I. - Investigating contact stresses and the deformed state during flat upsetting. p.8.
- Deodiev, R.I., and others. - Temperature conditions of the dies in liquid metal drop forging. p.11.
- Lanskol, U.N., Zimin, G.F. - Equipment for the statistical measurement of the temperature of forgings. p.14.
- Razumikhin, M.I., Drohot, I.U.D. - Calculating the parameters of the technological process of bending and stretching shaped parts. p.18.
- Lisin, A.G. - Experimental control of the dependence of stresses at the cutting edge of a die on the amount of clearance. p.24.
- Nishatov, A.P. - Torque and efficiency of engagement on power presses. p.25.
- Pligatshev, V.G. - Calculating the flow-through cross section of air pipes for crankshaft machine cylinders. p.31.
- Mattushchenko, D.D. - Modernization of A162 and A171 automatic cold upsetting. p.33.
- Shadek, L.G. - Heating of steel ingots in molten glass. p.36.
- Akimenko, A.D., Kozlov, A.I., Skvortsov, A.A. - Characteristics of the heating of steel ingots in molten glass. p.37.
- Kozlov, A.I., Skvortsov, A.A. - Semicontinuous furnace for the desulfurizing heating of steel ingots in the melting zone. p.40.
- Zhak, I.B., Gurevich, M.E. - Economic efficiency of various technological processes for the forging of fitting and assembling tools. p.42.
- Kozlov, M.P. - Material consumption standards should be objective. p.45.
- Movshovich, I.A., Shepel'skii, N.V., Teflov, N.Sh. - Die for the manufacture and assembly of buckle parts. p.47.
- Korolev, V.N. - Die for punching circular holes in side walls flush with the bottom. p.48.

MASHINOSTROENIE [MACHINERY MANUFACTURE].

Issued by Institut tekhnicheskoi informatsii Gosudarstvennogo komiteta Soveta Ministrov USSR po koordinatsii nauko-issledovatel'skikh rabot [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S.S.R., on the Coordination of Research]. Kiev, no.5(36), Sep.-Oct.1965.

Table of contents translated:

- Development of the metal-cutting tool industry in the Ukrainian S.S.R. and problems in the promotion of wider use of synthetic diamonds. p.3.
- Vodovozov, G.D., Odesskii, M.I. - Organizing the grinding of hard-alloy cutting tools with synthetic diamond wheels. p.6.
- Tsvetkovskii, S.I., and others. - Centralized grinding of metal-cutting tools. p.7.
- Pakhomov, I.F. - Using synthetic diamonds at the Odessa Heavy Machine Plant. p.9.
- Andrienko, N.N., Belousova, M.S., Litnikov, I.K. - Using synthetic diamonds at the Dnepropetrovsk Press Plant. p.12.
- Zakharenko, I.P., Dubovik, N.P., Rozenberg, O.A. - Technology of diamond machining of hard-alloy rings for planing barbores. p.15.
- Artukhova, A.A., and others. - Heating aluminum alloys, chromium platings and cast iron with synthetic diamond bars. p.18.
- Sigarda, A.A., Mishnevskii, L.L., Ruban, F.G. - Grinding steel with synthetic diamond wheels on ceramic binder. p.20.
- Kabanovskii, L.I., Chaika, G.V., Irakov, R.P. - Diamond machining of hard-alloy drawing tools. p.21.
- Chaika, G.V., Khvorostotskii, V.I. - Diamond centerless lapping of hard-alloy pin gauges. p.23.
- Senko, M.F., Grabchenko, A.I., Uzunian, M.D. - Effect of the binder on the performance of diamond wheels. p.24.
- Chepovetskii, I.Kh., Nelipovich, P.V., Quasheba, I.A. - Diamond honing of parts made of hard metal and steel. p.27.
- Balkov, A.K., Khalton, R.V. - High-efficiency heavy-feed finish turning of heat-resistant steels. p.30.
- Timofeev, P.V. - Efficiency of using cooling lubricants in machining heat-resistant alloy. p.33.
- Borisov, D.IA., Petrykhin, V.V. - Heavy-feed machining of titanium. p.35.
- Khaet, G.L., Korkh, L.M. - Selecting tools and cutting conditions for machining antifriction ceramic-metal materials. p.35.

- Kiselev, V. P., Riabinin, A. E. - Milling grooves of capped countersinks with end form cutters. p. 37.
- Gurvich, R. A., Kolomolets, V. V. - Cutting chip-curling grooves on hard-alloy plates and cutters by the electric spark method. p. 38.
- Krivtsov, V. N., Skvortsov, N. N. - Increasing the quality, reliability and durability of machinery. p. 40.
- Gorkavonko, V. I. - Increasing the reliability of automatic feed mechanisms for automatic multispindle lathes. p. 42.
- Smirnov, A. S. - Increasing the reliability and durability of cam-lever mechanisms of automatic lathes. p. 44.
- Dudulin, M. M., Lukashevich, G. I., Petko, I. V. - Increasing the reliability and durability of the K-750M motorcycle. p. 45.
- Trukhin, A. Kh., Zaitsev, V. F. - Welded parts in piston compressors. p. 48.
- Baran, M. I. - Comparing technical indices of gear and relay pumps. p. 49.
- Samolov, M. A., Vol'fman, I. D. - Self-adjusting reducing gear. p. 52.
- Zlatopolskii, M. I., Romanov, G. P. - Modernization of automatic machine-tool lines. p. 54.
- Sheketa, S. P., Peretiatko, G. I. - Modernization of the carriage of the 1318 turret lathe. p. 55.
- Sampson, N. P. - Modernization of the 730 transverse planing machine. p. 56.
- Khibus, V. V. - Regulating slag conditions in the basic cupola furnace. p. 57.
- Myloko, S. N. - Improving the quality of manganese steel castings. p. 60.
- Zhak, V. I., Kosmanu, K. K. - Winning various brands of cast iron from the same initial charge. p. 63.
- Maslov, A. M., and others. - Modification of cast iron with magnesium-aluminum alloy. p. 67.
- Vaf'skii, E. G., and others. - Gas furnace for a secondary smelting of cast iron. p. 68.
- Baraz, M. V. - Investment casting shop. p. 70.
- Chervonets, V. I. - Economic efficiency of replacing forging of parts by investment casting. p. 72.
- Zhlov, L. I., Dubina, V. I. - Inverted extrusion of large aluminum parts on crank presses. p. 75.
- Skljar, N. S. - Broaching hexahedral holes. p. 77.
- Duragin, V. P. - Multiple stamping of parts. p. 77.
- Yvshchenko, V. V., Tartakovskii, I. P., Golubov, T. M. - Intensifying vibratory compaction of spherical powders. p. 78.
- Kostinakov, V. N., Erinov, A. E., Goidetskii, V. V. - Economic efficiency of the use of flame furnaces with nonoxidizing heating. p. 80.
- Chen, N. G., and others. - Using the KKh-2 corrosion inhibitor in pickling steel articles. p. 82.
- Skljarova, L. A. - Protecting electroplating baths with thin-layer plastic coatings. p. 83.
- Vladimirova, I. P., Zagrebelskii, T. N., Kadaner, L. I. - Electrochemical preparation of electrolytes for iridium and ruthenium plating. p. 84.
- Lukashevich, G. I., Lavrinenko, E. T. - Using electroplated coatings for reducing the noise and improving the running-in of gear transmissions. p. 86.
- Bollacev, G. I., and others. - Corrosion of steel in silicic and borosilicic melts. p. 87.
- Samonov, N. V., Belianko, I. N. - End feeler for the UDM-1M ultrasonic defectoscope. p. 89.
- Bazhenov, V. G., Kozlov, I. A. - Using strain gauges for determining stressed state in concentration areas. p. 90.
- Valkin, D. M. - Using a microscope in determining the wear of parts. p. 92.
- Andreev, G. I., Laktionov, N. M. - Strength control in assembling heated wheel pairs. p. 93.
- Tenenbaum, L. V., Vlasov, I. A. - Increasing the reliability and durability of the PSN-1 silo loader. p. 97.
- Lebedev, N. P. - The Zhrs-4,9 harvester with a belt-plank conveyor. p. 98.
- Livshits, I. U. L., Nosko, A. S. - The RZM-8, OD universal high-passability feed distributor. p. 99.
- Ryk, G. P. - Efficiency of the nozzling of tractor engine pistons. p. 101.
- Zaverbnyi, R. M., Dovzhenko, I. V. - Increasing the reliability and durability of machines for chemical protection of plants. p. 102.
- Authors' licences and patents. p. 106.
- MEKhanizatsiya i Avtomatizatsiya Proizvodstva [MECHANIZATION AND AUTOMATION OF PRODUCTION]. Organ of Gosudarstvennyi komitet po mashinostroyeni pri Gosplane SSSR [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R.], Moscow, vol. 19, no. 7, July 1965.
- Table of contents translated:
- Turkov, G. A. - Overall mechanization in the machinery industry. p. 1.
- Dobroslavskii, L. I. - Overall mechanization in the hoisting and conveying machinery industry. p. 5.
- Brodskiy, V. G. - Automatic control of the pneumatic distributor of fibrous materials. p. 11.
- Taubert, B. A. - Basic trends in the mechanization of lumber loading, unloading and storage operations. p. 13.
- Korolev, V. A., Kiklevich, K. A. - Mechanization of the removal and conveying of scrap metals. p. 18.
- Iarovoi, A. D. - Loading and unloading glass containers. p. 24.
- Rudchenko, E. V. - Mechanized relaying of rail tracks in openworks. p. 26.
- Ruvnikov, D. I. A. - Automatic roller-type feed mechanisms. p. 27.
- Popelnik, B. N. - Automatic centering regulator for conveyor belts. p. 30.
- Glaznov, I. U. N., Kukharev, I. D., Maikolev, V. A. - Device for measuring the quantity of material on a scraper conveyor. p. 30.
- Golovanov, O. V., Sofiev, A. E. - Nonlinear pressure regulator. p. 32.
- D'inehkov, V. K. - Automotive motion of carts of an overhead push conveyor on inclined tracks. p. 34.
- Ivenskii, I. U. N., Poplavskii, V. S. - Monitoring and signaling system for automatic control of machine tools and lines. p. 39.
- Vinogradov, I. U. M., and others. - Quick-response telemechanical system for data transmission by telephone lines. p. 43.
- At the Exhibition of the Achievements of the National Economy. p. 47.
- In the State Committee for the Machinery Industry. p. 55.
- In the State Committee on the manufacture of instruments, means and systems of automatic control. p. 59.
- Vol. 10, no. 8, Aug. 1965.
- Table of contents translated:
- Seigova, A. A., Pertsavskii, V. N., Brabin, S. A. - Automatic control of the preparation of mixes. p. 1.
- Goidetskii, E. M. - Automatic line for processing electrodes. p. 5.
- Talankov, E. I. - Automatic charging of cores into a vertical conveying drying unit. p. 7.
- Rabinovich, A. N. - Automatic orientation of parts in vibratory bunkers. p. 10.
- Ruzinov, N. A., Mezilumlan, S. G. - Ways for completing an overall mechanization in industry. p. 13.
- Kloberman, Z. I., Malboroda, V. V. - Conveying semifinished products at the spinning mills. p. 10.
- Belousov, S. A. - Automatic proportioning of components and feeding of mixing units. p. 22.
- Akhmetzova, S. L., Kafarov, V. V. - Automatic control of the neutralizer used in the production ammonium nitrate. p. 25.
- Kreimer, I. U. G., Litvinenko, V. N. - Measuring the length of hot pipes in rolling. p. 27.
- Sviridov, V. A., Ridel', E. I., Shchepetil'nikov, V. A. - Automatic hook designed at the Moscow Institute of Railroad Engineers. p. 29.
- At the Exhibition of the Achievements of the National Economy. p. 29.
- New developments in instrument manufacture. p. 32.
- Standard system of pickups of heat-engines by parameters with a power compensation included in the State System of Instruments. p. 37.
- Kuz'mina, A. N., Pons, M. N. - Using electronic computers in calculating the production plan for machinery plants. p. 43.
- In the State Committee for the Machinery Industry. p. 53.
- In the State Committee on instrument manufacture, means and systems of automatic control. p. 54.
- Overall mechanization in Moscow enterprises. p. 55.
- Vol. 19, no. 9, Sep. 1965
- Table of contents translated:
- Zalkin, M. N., Antonov, V. A. - Basic trends in the development of continuous conveying systems. p. 1.
- Abramenko, T. F., Pozomarenko, I. U. I. - Mechanized rock piling. p. 5.
- Brabin, S. A., Donbrovskii, E. I., Khomutskii, G. A. - Using pneumatic tubes for the transportation of metal samples. p. 6.
- Gridnev, A. I., Makarov, I. N. - Mechanized preparation of solutions of highly active poisonous substances. p. 8.
- Berezin, B. P. - Mechanization of labor-consuming repair work. p. 9.
- Deglarik, N. V., Dzhimbo, A. V. - Automatic control of raw material feed in sintering plants. p. 11.
- Antonov, N. G., Grudobik, A. N. - The SDSH-250 machine. p. 12.
- Tatstevskii, V. V. - Stacker bridge crane with a lifting cabin. p. 13.
- Gurevich, V. A., D'ianonov, N. G., Kalfagin, I. U. P. - Tilt beam with lugs. p. 15.
- Chelishchev, B. A. - Tracing pneumatic-hydraulic drive. p. 15.
- At the Exhibition of the Achievements of the National Economy. p. 17.
- Andreev, V. V. - Analysis of the utilization of automatic lines and the means for the increase of their economic efficiency. p. 23.
- Shakhov, A. N. - Methods for calculating indices of the level of production mechanization. p. 25.
- Zaitsev, N. L. - Economic evaluation of the productivity and precision of modernized universal screw-cutting lathes. p. 27.
- Kravchuk, D. N., Livshits, E. G. - Using an electronic computer in automatic design of spur gears. p. 31.
- Tsybikov, A. N. - Technical and economic substantiation of electric drives. p. 33.
- Gurevich, D. A. - Mechanized loading and unloading of phthalic anhydride. p. 35.
- Nikitin, I. U. A. - Storage of salt. p. 37.
- In the State Committee for the Machinery Industry. p. 49.
- In the State Committee on the manufacture of instruments, means and systems of automatic control. p. 50.
- Increase the level of scientific technical information in the machinery industry. p. 51.
- Conference of the editorial board on industry. p. 52.
- Prospects of the development of conveying in factories. p. 53.
- MOSCOW, ENERGETICHESKII INSTITUT, Trudy [POWER ENGINEERING INSTITUTE, Transactions], No. 52, 1965. Problems of centralized automatic control systems.
- Table of contents translated:
- Tomnikov, F. E. - Theory of reading adaptations. p. 5.
- Tomnikov, F. E. - Spatial and complex adaptations. p. 17.
- Fridikh, Z. - Theory of discrete readings. p. 31.
- Fridikh, Z. - Construction of a logical network for discrete transformations. p. 47.
- Fedukin, I. U. V. - Centralized controller of industrial processes. p. 55.
- Tomnikov, F. E., Chin T'shin-shan [Chin Chin-shang] - Structure of information networks. p. 60.
- Chin T'shin-shan [Chin Chin-shang] - Reliability of information networks. p. 61.
- Tomnikov, F. E., Dolotov, V. G. - Adaptability and reliability of an automatic control center. p. 95.
- Shirai, I. A., Tomnikov, F. E. - New method for distance transmission of numbers of centralized automatic control systems. p. 107.
- Kovalev, L. P., and others. - Equipment of the main center of a centralized automatic control system. p. 117.
- Shirai, I. A. - Equipment of the departmental centers of a centralized automatic control system. p. 125.
- Levin, M. I., and others. - Measuring units of a centralized automatic control system. p. 133.
- Afonin, V. A. - Multiplied pneumatic sweep for a centralized automatic control system. p. 147.
- Kravtsov, I. E. - New method for shaping a stepping sawtooth voltage form. p. 155.
- Shavinskii, V. L. - Centralized functional data transmission. p. 163.
- Talkachev, V. I. U. - Transmission of integral and averaged parameters in a centralized automatic control system. p. 161.

MASHINOVEDENIE [MECHANICAL ENGINEERING]

Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, no. 8, 1965.

Table of contents translated:

- Bruevich, N. G. - Problems of the automation of brainwork in the manufacture of machinery. p. 3.
- Pimenov, V. A. - Kinematic synthesis of flat cam mechanisms with flexible links. p. 14.
- Mamedov, V. A. - Synthesis of a four-bar linkage with a guiding connecting rod according to a given motion law. p. 22.
- Sarkisyan, I. U. L. - Reproducing the advancing motion of a link along the trajectories of initial four-bar linkages. p. 31.
- Zhegalova, T. S. - Selecting the guiding link for a dynamic investigation of a mechanism. p. 36.

- Alchakov, S.V. - Method for the compensation of amplitude signals in a multichannel telemetry system. p.193.
- Dolotov, V.G. - Structure of phase systems for data transmission. p.194.
- Dysta, O.F., Tennyson, F.E. - Statistical representation of mass information in control and regulating centers. p.205.

MOSCOW, MOSKOVSKIY INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [MOSCOW INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION, Transactions], No.182, 1963. Areas for the efficient use of track structures

- Table of contents translated.
- Shul'ga, V.I.A. - Analysis of the methods applied up to now for the technical and economic evaluation of the efficiency of track structures. p.4.
- Shul'ga, V.I.A. - Suggested methods for determining the technical and economic efficiency of track structures. p.21.
- Shul'ga, V.I.A. - Effect of the strength of track structures, degree of their wear, and condition on the resistance to train movements and connected expenses. p.64.
- Shul'ga, V.I.A. - Taking into account the operational factors in determining rail exchange and tonnage rating for periods between overhauling. p.105.
- Shul'ga, V.I.A. - Effect of operational factors, track strength and its service life on the expenses for the current maintenance of tracks. p.136.
- Shul'ga, V.I.A. - Fields of efficient use of the standard structures of the track. p.188.
- Subbotin, B.A. - Methodology for comparing the variants of the organization and method of work in the laying of continuous rail tracks under the conditions of the new methods of railroad construction. p.222.

No.195, 1964. Problems of transportation mechanics. Table of contents translated.

- Shechepetil'nikov, V.A. - Balancing of the crankshaft. p.5.
- Shechepetil'nikov, V.A., Kamenskii, V.A., Maksimov, P.A. - Causes of the deformation of the elastic elements of the type RK-1A drive of generators mounted under passenger cars. p.20.
- Shechepetil'nikov, V.A., Gabriciants, A.A. - Two-electrode spark recorder of disbalance. p.34.
- Suzdal'tsev, M.I.A. - Natural vibrations of blocked wheel pairs during locomotive skidding. p.45.
- Pan'kin, N.A. - Integration of the equation of the unsteady motion of a train. p.77.
- Pan'kin, N.A. - Approximative integration of the nonlinear equation of the train motion. p.81.
- Kaylov, N.N. - Analytical method for studying engagements under the conditions of two enveloping parameters. p.87.
- Krylov, N.N. - Globoid engagement with a concave worm profile. p.93.
- Dubrovskii, A.F. - Analyzing the formulas of the contact strength of gear transmissions. p.104.
- Dubrovskii, A.F. - Work of bolts in holes with a gap under the action of tangential load. p.112.
- Usmanov, Kh.G. - Turbojet vibrator. p.125.
- Usmanov, Kh.G. - Theory of a planetary vibrator. p.133.
- Natovich, M.I. - Experimental determination of the flow parameters in a hydraulic torque converter. p.139.
- Grinev, V.S. - Selecting the optimum system of a hydrostatic transmission for switch locomotives. p.150.
- Gordeev, A.S., Iushko, V.I., Mitskevich, V.G. - Modeling of the switching process in the reversing gear of hydraulic drives of diesel locomotives. p.156.

No 205, 1965. Electrification of industrial processes

- Table of contents translated.
- Dotsenko, V.E. - Problems of centralized electric power supply of passenger cars. p.5.
- Dotsenko, V.E., and others. - Static converter with automatic output voltage regulation. p.18.
- Sukhanov, O.A. - Selection of drives for use in passenger cars with centralized current supply using static converters. p.27.
- Bellavskii, V.F. - Variational problem in the calculation of an optimal energy process in the elements of an electrical network. p.34.
- Dotsenko, V.E., Tarakanova, T.A. - Choice of the size of a line for installation beneath cars in centralized current supply of passenger cars. p.47.
- Kutsuruba, I.V. - Automatic control of the angular velocity of a rotary converter using a magnetic amplifier. p.55.
- Elinson, R.N., Kurolev, I.U.S. - Study of the operation and maintenance of the electrical equipment of passenger cars. p.64.

- Dotsenko, V.F., Elinson, R.N., Tarakanova, T.A. - Electric power supply of the passenger cars of trains in car yards. p.71.
- Khovostov, V.S., Chernov, E.F. - Characteristics of an electric arc between adjacent collector plates. p.75.
- Khovostov, V.S., Remolov, A.A. - Electrical characteristics of a brush contact at nonuniform current densities. p.81.
- Sel'manishvili, G.M., Mgalobishvili, L.I. - Study of the magnetic losses of d.c. machines. p.88.
- Nikhol'din, M.D. - Role of first-order equalizing connections. p.101.
- Basova, B.K., Liu'e, B.B. - Use of static phase converters in track work in railroad transportation. p.104.
- Dotsenko, V.F., Elinson, R.N. - Organization of the repair of the electrical equipment of track maintenance machines. p.116.
- Chernov, E.F. - Determination of the resistance of motion of the UK 25 track laying crane. p.129.

MOSCOW, VSESOIUZNYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Vestnik [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION, Journal], Vol.21, no.5, 1965.

- Table of contents translated.
- Iakovlev, V.F. - Dynamic forces in the contact between wheel and rail. p.3.
- Chernyshev, M.A. - Calculating the gauge width on curves. p.9.
- Perishin, S.P. - Temperature difference of rails and air. p.13.
- Zakharov, E.F. - Impact conditions between passenger cars. p.17.
- Bar'tosh, E.T. - Determining the characteristics of double-shaft gas-turbine engines. p.19.
- Treskov, I.U.P., Kidalinskii, V.L. - Turbogenerator with a high rated gear ratio. p.22.
- Kokorev, A.I. - Dynamics of the VL80V-003 electric locomotive with structural changes in the underframe. p.26.
- Kabenin, N.G., Kononov, V.P., Ozemblovskii, V.Ch. - Optimum periodicity of the technical inspection of NB112M traction engines. p.30.
- Khromov, G.A., and others. - Service life of the rubber-metal hinged shock absorbers of locomotives. p.35.
- Derkasov, G.M. - Results of the testing of rubber-metal springs. p.38.
- Oilov, M.V. - Device for lubricant feeding to the car axle journal. p.41.
- Khal'kov, V.S. - Reliability of type P12-P16 low-power low frequency transistors. p.45.
- Stepanov, V.V. - Ice formation on free water surface. p.50.
- Afanas'ev, O.E., Bobrov, A.E. - Problems of the development of control systems for specialized machines. p.54.
- Vishniakov, A.I. - Determining of normals on an electronic digital computer in the planning of railroad lines. p.59.
- Reviews and bibliography. p.63.

Vol.24, no.6, 1965.

- Table of contents translated.
- Gibshman, A.E. - Distribution of traffic flow on parallel running routes. p.3.
- Tregubov, G.G. - Calculating the optimum plan for making up trains. p.6.
- Abramov, A.P., Eliseeva, T.V. - Potentials for reducing the maintenance costs of passenger cars. p.10.
- Pelsakhzon, B.E. - Modeling of traction calculations for train operation. p.15.
- Afanas'ev, V.F. - Design of rails with block foundations. p.19.
- Lysluk, V.S., Matukhin, V.V. - Failure of screw spikes. p.24.
- Pul'ha, N.N. - Improving the conditions of the work of frogs. p.29.
- Ivanov, V.I. - Thermal properties of silicon power valves. p.33.
- Vlasenko, I.P. - Calculating the frequencies of torque vibrations of the shaft of type D100 diesel generators. p.37.
- Titov, A.I. - Compensation of the voltage dissymmetry with the aid of the capacitance of the DPR (two additional wires-rail) system. p.40.
- Zekter, D.M. - Design of slow-acting relays with a minimum condenser capacitance. p.43.
- Katolichenko, V.A. - Improved system of specialization in container service points. p.46.
- Pavlov, N.V. - Welding of two-ply St. 3+El943 steel. p.50.
- Solntsev, D.I. - Use of polymer coatings. p.53.
- Kukharuk, V.P. - Use of electron computers for the calculation of a long-range plan for the distribution of classification yards. p.56.
- Bulanov, V.K. - Use of electronic computers in the modeling of the process of the breaking up of trains on classification humps. p.60.

PRILADNAYA MEKHANIKA [APPLIED MECHANICS]. Issued by Otdelenie matematiki, mekhaniki i kibernetiki Akademii nauk Ukrainy SSR [Department of Mathematics, Mechanics, and Cybernetics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol.1, no.8, 1965.

- Table of contents translated.
- Fiandlin, B.N. - Some peculiarities in the development of nonholonomic mechanics. p.1.
- Ainola, L.A. - Geometrically nonlinear theory of the dynamics of elastic plates. p.7.
- Livshits, I.A.D. - Criterion of the nonlinearity of plates. p.17.
- Chekushkin, I.U.K. - A method in the nonlinear theory of the bending of elastic plates. p.23.
- Lobkova, N.A., Il'in, L.A. - Theory of thin nonuniform plates. p.30.
- Martynovich, T.L., Savitskiy, M.P. - Elastic equilibrium of a plate having a cavillineal hole with a pressed-in closed rod. p.40.
- Eishov, N.F. - A method for analyzing the elastoplastic state of plates. p.47.
- Borisenko, V.I. - Effect of boundary conditions on the stability of a cylindrical shell subjected to a longitudinal impact. p.57.
- Vologzhaninov, I.U.I., Shokol'ko, S.G. - Using the photoelastic method in investigating the stressed state around elliptical holes in cylindrical shells. p.63.
- Dekhtiar', A.S. - Limit equilibrium of shallow shells with a flat contour. p.68.
- Babanitskiy, V.D., Moskatenko, V.N. - Natural vibration frequency spectrum of two-layer plates. p.74.
- Schmov, V.M. - Steady antisymmetric vibrations of a rigid strip supported by an elastic semiplane. p.85.
- Komisarova, G.L., Leonov, S.A. - Collision of a viscous elastoplastic rod with an absolutely solid body. p.93.
- Wang Fo-Pi, G.A., Ozerov, V.I. - Elastoviscous deformations of some thermosetting polymers. p.103.
- Moskakovskii, V.I., Zagubizhenko, P.A. - A problem of a plane having a finite set. p.106.
- Stephan, L.T. - Applying Fourier's series to the investigation of deformation waves. p.112.
- Pavlov, N.F. - Some problems in the dynamics of a loose medium. p.120.
- Ryazanova, M.I.A., Ikonenka, G.G. - Vibrations of an infinite elastically supported beam subjected to movable loading taking into consideration energy dissipation. p.128.
- Boshchik, I.U.I. - Numerical matrix method for calculating beams lying on various kinds of elastic supports. p.131.
- Petenko, M.P. - Vibrations of a rigid vessel filled with outflowing liquid. p.136.
- Diugach, I.A. - Using the methods of Chebyshev approximation in investigating the stability of motion in critical cases. p.139.
- Skatitskii, V.K. - The third seminar on the problems of strength, reliability and durability of steel ropes. p.141.

REFERATIVNYI ZHURNAL: FOTOKINETIKA (Otdel'nyi vypusk 40) [JOURNAL OF ABSTRACTS: PHOTOGRAPHIC AND MOTION-PICTURE EQUIPMENT (Separate Issue 40)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no.9, Sep. 1965.

REFERATIVNYI ZHURNAL: KOTLOSTROFNIYE (Otdel'nyi vypusk 42) [JOURNAL OF ABSTRACTS: BOILER MANUFACTURE (Separate Issue 42)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no.9, Sep. 1965.

REFERATIVNYI ZHURNAL: RADIOTEKHNIKA I ELEKTROSVIAZ' [JOURNAL OF ABSTRACTS: RADIO ENGINEERING AND TELECOMMUNICATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no.9, Sep. 1965.

REFERATIVNYI ZHURNAL: STROITEL'NYE I DOROZHNIYE MASHINY (Otdel'nyi vypusk 60) [JOURNAL OF ABSTRACTS: CONSTRUCTION EQUIPMENT AND ROAD MACHINERY (Separate Issue 60)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no.9, Sep. 1965.

REFERATIVNYI ZHURNAL: TEKHNOLOGIYA MASHINO STROENIYA [JOURNAL OF ABSTRACTS: TECHNOLOGY OF MACHINERY MANUFACTURE]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no.9, Sep. 1965.

REFERATIVNYI ZhURNAL TURBOSTROENIE (Otdel'nyi vypusk 49) [JOURNAL OF ABSTRACTS TURBINE MANUFACTURE (Separate Issue 49)]. Issued by Institut nauchoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 9, Sep. 1965.

STROITEL'NYE I DOROZHNYE MASHINY [CONSTRUCTION AND ROAD MACHINERY]. Organ of Gosudarstvennyi komitet stroitel'nogo, dorozhnogo i kommunal'nogo mashinostroyeniia pri Gosstatiz SSSR [State Committee for the Manufacture of Construction, Road, and Communal Machinery, Attached to the State Committee for Construction in the U.S.S.R.], Moscow, vol. 10, no. 8, Aug. 1965.

Table of contents translated
Gavrilov, N.I. - Modernized E-652A excavator. p. 1.
Fedorov, D.I., Dondarovich, B.A. - Examination of the working conditions of an earthmoving machine. p. 3.
Khaliyev, V.S. - Economic effectiveness of using hydraulic mechanization at construction jobs. p. 5.
Berkman, I.L. - A united system of indexing one-bucket excavators and self-propelled cranes. p. 7.
Balovnev, V.N., Nedozorov, I.A., Karashev, G.N. - Picks for measuring bolt pressure on the surface of working tools of earthmoving machines. p. 9.
Volinich, L.K., Smilnov, V.I. - Increase of the reliability and longevity of the D-357G scraper. p. 11.
Apushkin, G.V., Barikov, D.D., Zlatopol'skii, A.V. - Foreign engines of construction and road machines shown at the International Exhibition. p. 12.
Anopov, G.A. - Selection of the relation of gear ratios of the multispeed winches of tower cranes. p. 14.
Zdan'skii, K. - Universal hydraulic loader "Tarpan" H-32. p. 16.
Zakharov, M.K., and others. - Reducing electric motors of construction finishing machines. p. 17.
Nemochalova, G.A., Cherkasov, V.P. - Cutting and drilling concrete and reinforced concrete. p. 25.
Kushantsev, B.V., Volchek, V.I. - Some trends in the construction of modern foreign jaw crushers. p. 28.
Problem of the acceleration of testing new machines. p. 32.
Trushin, B.P. - Reconditioning parts of construction machines by build-up welding. p. 35.
Oleinikov, N.P. - Purification of oils by means of the MSM-2 unit. p. 36.

*TEPLOENERGETIKA [HEAT ENGINEERING]. Organ of Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.], and others. Moscow, vol. 12, no. 8, Aug. 1965.

Table of contents translated
Stylikovich, M.A. - Problems of steam generation in light of the present-day development of thermal power engineering. p. 2.
Pavlov, N.V., Mur'yamchik, I.I., Leites, A.A. - Development of boilers in the Baidar boiler factory. p. 6.
Cooling conditions of a once-through type PK-33 boiler and steampipes of a 200 Mw. block. p. 12.
Krasakova, L.I., Glusker, B.N. - Study of the hydrodynamics of T-piece panels of once-through type boilers with lower input collector. p. 17.
Lipets, A.U., and others. - Use of pipes with internal longitudinal fins in an intermediate superheater. p. 23.
Bychkovskii, A.L. - Method for the design and optimization of pin systems. p. 27.
Mun'kina, N.N., Kozlov, I.U.V., Kozova, V.A. - Effectiveness of washing and separating systems of drum boilers with 155 atm. rating. p. 34.
Meier, E.V., Ilynskii, S.I. - Study of the bending of pipes in radiant tube panels. p. 38.
Rainer, A.V. - Heat stresses in steampipes and equipment during heating and steam temperature fluctuations. p. 42.
Timofeev, M.M., Nikitin, I.U.M. - Increasing the reliability of the welded joints of steampipes from austenitic steel. p. 47.
Filatova, M.A., Kuz'mina, G.T. - Heat-resistant EI765L foundry alloy. p. 50.
Popov, L.S., Kaplan, S.M. - Principles of the overall optimization of the shape of a thermal electric power plant based on mathematical programming with electronic computers. p. 52.
Ishutinov, D.V., Vichkovskii, B.A. - Gas dynamic calculation and profiling of the runners of a centrifugal compressor. p. 59.
Vaisman, M.D. - Change in the state of wet steam in a direct condensation jump. p. 63.
Stol'tskii, M.T. - Generalized function for determining losses in helical chambers of centrifugal blower. p. 68.

Deev, V.I., Gusev, V.V., Dubrovskii, G.P. - Study of the mechanism of the boiling of water at decreased pressures. p. 73.
Zhurilin, V.A. - Economic effectiveness of increasing the reliability of power generating equipment. p. 76.
Shestakova, A.N. - Effect of some design elements on axial forces of a centrifugal blower stage. p. 78.
Raskazov, D.S., and others. - Change in the thermophysical properties of monosopropylbiphenyl subject to reactor irradiation. p. 83.
Geller, Z.I., Volokhin, I.U.Z. - Study of the nature of motion of a dropping heat transfer agent. p. 84.
Dutakov, N.I. - Calculation of a flow about two-dimensional lattices in a layer with variable thickness. p. 87.
Saveluk, S.I., Tsvetkov, A.M. - Trends in the scrubbing of fine gases. p. 89.
Dakshkov, I.U.V. - Calculation of the heating of the components of heat and power generating equipment. p. 91.
Datskovskii, V.M. - Calculation of a rotating regenerator. p. 93.
Results of the Third All-Union Public Review of the Fulfillment of Research Plans and Use of Scientific and Technological Innovations in the National Economy in 1964. p. 95.

VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT KISLORODNOGO MASHINOSTROENIYA. Study [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF INDUSTRIAL OXYGEN APPARATUS CONSTRUCTION, Transactions]. Moscow, no. 10, 1965. Apparatus and machines of oxygen plants.

Table of contents translated:
Epifanov, V.I., and others. - Nitrogen-oxygen BR-6 plant developed by the All-Union Scientific Research Institute of Industrial Oxygen Apparatus Construction. p. 3.
Kravkovskii, B.D., Naisinskii, G.B., Kazukova, K.A. - Studying the process of air separation with recovery of crude argon as applied to low-pressure units. p. 47.
Termanov, A.I., Gustov, V.F. - Heat exchange in the regenerators of air separation units (studied on an electric model). p. 69.
Sergeev, S.I., Khotina, G.A. - Vibration of liquids in pipes and intensification of heat exchange. p. 74.
Sergeev, S.I. - Damping the natural vibrations in rotors with gas-lubricated bearings. p. 80.
Mikhailovskii, I.U.A. - Stationary gasification unit with a pump. p. 87.
Usanov, V.V. - Some problems in the averaging of gas flows. p. 90.
Gandel'man, A.F., Usanov, V.V., Naurits, L.N. - New data on heat exchange and hydrodynamic resistance in the nonequilibrium region of a gas flow. p. 105.
Shifet'baia, A.G. - Determining the coefficient of heat conduction of highly effective low-temperature insulating materials with the method of a flat bicolorimeter. p. 115.
Vagin, E.V. - Chromatography for determining hydrocarbon microimpurities. p. 122.
Kutina, N.F., Moroz, A.I., Vagin, E.V. - Adsorption purification of air with synthetic zeolites. p. 132.
Amamchian, R.G., Moroz, A.I. - Using the Bostay reagent as detector in determining microconcentrations of acetylene. p. 140.
Amamchian, R.G., Moroz, A.I. - Density of solid acetylene at low temperatures. p. 150.
Sklyuk, V.G. - Virial coefficients of inert and accompanying gases in the low temperature region. p. 163.

ZA BEZOPASNOST' DVIZHENIYA [FOR TRAFFIC SAFETY]. Issued by Otdel RUD-GAI Upravleniia okhramy obshchestvennogo poriadka Upravleniia Mosgorsovet [Traffic Department and the State Automobile Inspection Agency of the Administration for the Protection of Public Order of the Executive Committee of the Moscow City Soviet]. Moscow, vol. 8, no. 8(80), Sep. 1965.

ZA RULEM [AT THE WHEEL]. Issued by Vsesoyuznoe dobrovol'noe obshchestvo odeskivskii armii, aviatarii i floty [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, nos. 9-10, Sep.-Oct. 1965.

ZHELEZNODOROZHNYI TRANSPORT [RAILROAD TRANSPORTATION]. Organ of Ministerstva puti soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 47, no. 8, Aug. 1965.

Table of contents translated:
Korotnikov, A.D. - Efficient development and utilization of the carrying capacity. p. 3.
Lebedeva, T.P. - Provide the classification yards with a perfect technology. p. 8.
Kondratenko, V.A. - Progressive technology of a classification yard. p. 12.

Kapitanov, S.P., Gontcharov, N.C. - Transport the crops in due time and without losses. p. 15.
Pladis, P.A., Vinogradov, F.I. - Uniform technology for railroad stations and harbor freight operations. p. 19.
Vlasov, V.N., Fadeev, M.A. - Accelerated processing and delivery of baggage. p. 22.
Vorob'ev, N.A., Chernigov, A.D. - Efficient utilization of "intervals" for track and construction work. p. 24.
Buzinov, S.P., Stepanov, N.G. - Layout of one-way classification yards. p. 28.
Semenov, V.S. - Mechanized freight yard. p. 31.
Potekhin, A.P. - Organization of freight transportation within the line area on the Kuybyshev Railroad. p. 33.
Bozhenov, V.I. - Increasing the reliability of cars. p. 35.
Petrovskii, L.M. - Efficiency of the electrification of simple-track lines. p. 42.
Shpilov, A.I.A., Zastinov, N.P. - Public control of the quality of locomotive repair. p. 47.
Bobkov, N.M., Neldudov, K.I. - Plan of a scientific organization of the work. p. 50.
Kulita, A.I. - Continuous unit-replacement system of locomotive repair. p. 52.
Raman, M.L. - Centralized electric power supply of passenger trains. p. 55.
Zlukov, I.U.K., Polakov, I.U.N. - Urgent problems of capital construction. p. 59.
Petrov, N.P., Simon, A.A. - Flat switch systems for high-speed traffic. p. 62.
Khait, E.I. - Utilization of capital assets in the division. p. 66.
Lobachev, I.U.A. - Potentials for the lowering of the costs of operation in the transport of lumber freight. p. 69.
Zakharov, A.G. - Calculating the cost of railroad transportation and the expenditures independent of the traffic volume. p. 72.
International conference of the electrification of railroads. p. 76.
Increasing the material responsibility in the operation of locomotives. p. 78.
Centralized accounting for freight transportation. p. 78.
Exhibition of advanced methods for the servicing of passengers. p. 79.
Exchange of experiences on work organization and establishment of norms. p. 81.
Development of industrial transportation. p. 82.
Use of semiconductors in transportation. p. 84.
Railroad news. p. 85.
Reviews and bibliography. p. 93.

Vol. 47, no. 9, Sep. 1965

Table of contents translated:
Editorial Conditions of work and industrial ethnology. p. 3.
Muraiov, P.G. - International technical collaboration in the field of railroad electrification. p. 6.
Bakov, A.V. - Standardization and speeding up of the technical progress. p. 11.
Railroad transportation of the U.S.S.R. during the first half of 1965: technical and economic review. p. 16.
Perezhinov, A.S., Tishkin, F.M. - Efficient utilization of the rolling stock in local operations. p. 20.
Moshnikov, P.I., Suzhin, V.V. - Principles of the scientific organization of work in classification yards. p. 26.
Golubkov, V.V. - Tasks of the mechanized divisions of loading and unloading operations. p. 32.
Povarkov, L.P., Seroshin, A.D. - Possibilities for the improvement of shipping and delivery services. p. 36.
Rezer, S.M., Rappoport, M.A., Krasovskii, I.G. - Automatic systems of dispatcher control in freight yards. p. 39.
Gentsev, V.S., Kravskov, A.I. - Council of public inspectors in freight yards. p. 41.
Vinokurov, A.D. - Overall mechanization of servicing operations in freight stations for refrigerator cars. p. 43.
Shul'skii, F.I., Sologub, N.K. - Combination of suburban and city passenger transportation in large junction stations. p. 44.
Makidonov, G.I. - Accelerated processing of freight documents. p. 47.
Rozin, V.A. - Comparative efficiency of the new types of traction under the conditions of Western Siberia. p. 49.
Shurmin, V.G., Pudovkin, A.T. - Preparation of cars for the transportation of agricultural products. p. 53.
Pikman, I.A., Kravnik, I.N. - Repair shops with high standards of production. p. 57.
Globov, N.G. - Scientific organization of work in a section. p. 62.
Rozent'ov, V.E., and others. - Electric power supply to passenger cars from the overhead contact system. p. 64.
Kuvshnikov, A.A. - Short service life of some diesel locomotive parts. p. 68.
Chirkov, N.S. - Welding of switches. p. 70.

- Bockaev, N.G. - Indices of the efficiency of capital investments and utilization of capital assets. p.74.
- Kleimcnov, A.E. - Mechanization of ticket office operations and problems of passenger fares p.79.
- Filippov, A.N., Bakhachev, A.A. - Improving the system of revenue distribution and the principles of price formation p.82.
- Minenko, V.A., Dorfman, B.A. - Organization of the work of the railroad transportation departments in metallurgical plants. p.84.
- Belov, E.I. - Potentials for reducing the idle time of cars on approach tracks p.86.
- Vishnevskii, I.D. - Uniform technology increases the mutual responsibility. p.88.
- New instruction on the accounting for the carrying out of train sheets. p.90.
- Provide for progressive methods of operation of locomotives and cars. p.91.
- Galahurda, V.G. - Mathematical methods and electronic computers in planning. p.93.
- Material responsibility for the dispatching of cars in poor condition. p.94.
- Inspector of the quality of car repairs in repair shops. p.95.
- Stand for the testing of hydraulic shock absorbers. p.95.

h MINING & METALLURGY

AKADEMIYA NAUK KAZAKHSSKOI SSR, Alma-Ata, Institut gornogo dela, Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Mining. Transactions], Alma-Ata, vol.17, 1965, Mechanization and automation of industrial processes in the mining enterprises of Kazakhstan.

- Table of contents translated
- Sharipov, V.Sh., Kuntukov, I.U.G. - Mechanization and automation of industrial processes, and remote control in the ore mining industry. p.3
- Kaloshin, S.G. - Estimate of indices during boring operations p.11
- Tkachenko, A.M. - Analysis of the technological idling of self-propelled boring rigs p.17
- Leliukh, V.G., Sheremet'ev, E.V., Novikov, V.A. - Some results of testing the PK-48 rock drill p.35.
- Novikov, V.A., Leliukh, V.G., Sheremet'ev, E.V. - Problems of using diesel hammers for borehole drilling in strip mining p.40
- Mukhtarov, T.M. - Conditions for an efficient use of boring rigs in carrying out horizontal workings in hard rock. p.50.
- Muzgin, S.S., Kuntukov, I.U.G., Davydov, O.B. - Efficiency of the actuating mechanisms on the loading equipment in the Dzhezkazgan mine. p.55.
- Georgiev, I.U.F. - Working equipment of underground excavators. p.59.
- Iupatov, E.V. - Estimating the reliability of underground excavators p.65.
- Kuntukov, I.U.G., Kozhamuratov, Kh. - Investigating the kinematics of the crank-link gear on loading machines with side grabs and gathering arms. p.68.
- Kazybekov, D.M. - Performance of continuous loaders with various types of drives depending on the angle of inclination of the excavation floor. p.74.
- Kozhakhmetov, S.Sh. - Experience in operating a GSS-1 self-propelled scraper loader at the Dzhezkazgan mine. p.77.
- Kozhakhmetov, D.B., Kruglikov, A.P. - Studies on the parameters of trackless conveying machines in the mine of Novomoskovsk Gypsum Combine p.84.
- Muzgin, S.S., Shot', O.A. - Investigating feeder cable equipment of self-propelled mining machines. p.83.
- Kzyi-Khodzhaev, A.A. - Testing the VS-15 diesel-electric trucks p.102.
- Muzgin, S.S. - An efficient system in the power supplying of underground trackless conveying machines in long-distance deliveries p.106
- An, M.Ch., Novikov, V.A., Smallov, A. - Equipment for the mechanization of auxiliary operations in slopes. p.113.
- Shot', O.A. - Ways of improving power supply to mine sections using self-propelled equipment. p.119.
- Skobochkin, B.E., Chekaeva, T.I. - Problems of the theory of operation of double-acting hydraulic-impart machines p.128.

BAKU, AZERBAIDZHANSKII INSTITUT NAUCHNO-TEKHNIЧЕСKOEI INFORMATSII, Sbornik nauchno-tekhnicheskoi informatsii, Seriya "Nefteobrabatovushchaya promyshlennost'" [AZERBAIJAN INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION, Scientific and Technical Information, Series "Petroleum Production"], No.4, 1963, Problems of drilling oil and gas wells.

Table of contents translated.

Askerov, A.G., Babaev, A.O., Musaeva, R.A. - Sinking wells of small and reduced diameter in the Dashgulu area. p.3.

- Adulalov, N.N., Askerov, A.G., Grishina, V.P. - Determining the optimum duration of drilling cycles p.11.
- Shakhmatov, G.M., Gruzinov, I.A., Kogan, R.N. - Efficient lowering of the drilling tool in the simultaneous operation of power and hydraulic brakes of draw works p.15.
- Mamedov, A.A. - Effect of cemented zone on the resistance of casings to external hydrostatic pressure. p.32.
- Shayutin, A.S. - Controlling lost circulation in Azerbaijan oil fields p.39.
- Dedusenko, G.I.A., Pokidina, A.K. - Thermal stability of natural clay muds. p.48.
- Lantsevitskaya, S.L. - Effect of various fillers on the increase of resistance of plugging cements at high temperatures. p.52.
- Iuzbasheva, E.G., Ishnikova, E.A. - Additives improving the lubricating properties of clay muds p.62.
- Markarova, T.A. - Carbohydrate-phenolic resin as a new chemical reagent. p.66.
- Markarova, T.A. - Mechanostructural and thixotropic properties of drilling fluids processed with carbohydrate-phenol reagents. p.72.
- Kararov, A.V., Bagirian, R.S. - Basis technical and economic indices of drilling in Azerbaijan in the last years p.70.

No.6, 1963. Problems of drilling oil and gas wells.

- Table of contents translated:
- Kasum-Zade, D.S., Karpenko, M.M., Shevtsov, A.S. - Selection of and justification for the design of wells 10,000 m deep. p.3.
- Mirsalaev, S.A., Shamkhalov, D.A., Sharutin, A.S. - Well drilling and side tracking in major repairing operations in aeration drilling. p.17
- Vasil'ev, A.G. - Control of the efficient performance of pumps is a potential for increasing drilling speed. p.23.
- Karpenko, M.M., Sharutin, A.S., Askerov, K.A. - Turbodrilling and electric drilling in the Karadag oil field. p.20.
- Kasum-Zade, D.S., and others. - Analyzing the performance of bits and turbodrills in the Kyurovdag area p.38
- Askerov, A.G., Seld-Rza, M.K., Babaev, N.B. - Combating circulation losses by controlling hydrostatic pressures in wells p.41.
- Shetkina, E.D., and others. - New type of an ion weighting agent. p.45.
- Fridman, I.D., Shetkina, E.D., Mamedov, G.M. - Crushing Daikhesan ores to be used in the production of weighting materials. p.61.
- Sherstnev, N.M., Dedusenko, G.I.A., Protasov, G.N. - Using hydrocyclones for removing sand and borings from light-weight muds. p.68.
- Dedusenko, G.I.A., Senenkova, V.S. - Effect of viscosity reducers on the mechanostructural properties of clay muds. p.79.
- Sherstnev, N.M., Askerov, A.G., Ragimov, N.A. - Water permeability of clay coatings p.86
- Dzhallilov, N.M., and others. - Investigating the performance of bits and turbodrills in the Zyrya and Karadag areas. p.94.

BAKU, AZERBAIDZHANSKII INSTITUT NAUCHNO-TEKHNIЧЕСKOEI INFORMATSII, Sbornik nauchno-tekhnicheskoi informatsii, Seriya "Nefteobrabatovushchaya promyshlennost'" [AZERBAIJAN INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION, Scientific and Technical Information, Series "Petroleum Refining and Petrochemical Industry"], No.2, 1962, Equipment and technology used in petroleum refining and the chemical industry.

- Table of contents translated:
- Ashimov, M.A., and others. - Using azolyat-A as an emulsifier in the emulsion polymerization of rubber. p.3.
- Aliev, Z.E., and others. - Increasing the yield of oil using a dewaxing installation. p.14.
- Kraushin, A.E. - Synthesis of trimethylcarbinol. p.20.
- Ashimov, M.A., Bnatov, S.A. - Metallic aluminum as a catalyst of the reaction of benzene alkylation with olefin mixture. p.24.
- Ganidzade, G.A. - Increasing the resources of raw stocks for catalytic cracking by utilizing industrial wastes. p.26.
- Ambarismov, P.A., Rzaeva, S.B., Podlisker, E.B. - Using chromatographic methods for controlling the production of bityl from butane. p.30.
- Bnatov, S.A., Kalashin, A.E. - Refractometric method for determining the concentration of certain synthetic surface-active substances in aqueous solutions. p.34.
- Suleimanova, F.G., and others. - Thermal stability of oils as an indication of their industrial properties. p.36.
- Classification of petroleum based on the temperature of demulsification carried out in plant installations. p.43.

DNEPROPETROVSK, DNEPROPETROVSKII GORNYI INSTITUT, Izvestia [DNEPROPETROVSK MINING INSTITUTE, Bulletin], Vol.41, pt.2, 1962.

- Table of contents translated
- Vesnin, I.U.G., Zelenitskiy, N.M., Mitonhnik, A.M. - Protection of coal cutter-loader motors against stalling overloads p.3
- Vesnin, I.U.G., Mitonhnik, A.M. - A new diagram for noncontact current protection of coal cutter-loader motors against stalling and overloading p.7
- Vesnin, I.U.G. - Results of the study of the performance of a device for protecting the LGD-1 coal cutter-loader motor against overloading p.10.
- Kitukov, B.I., Trudov, V.N. - Some problems in the approximate computation of oscillations of linear systems of mass. p.15
- Mariuta, A.N. - An approximate method of determining transfer functions for the sections and systems of automatic control by transient responses. p.20
- Masilany, A.S. - Possibility of increasing the throughput of skip multi-ops systems p.26
- Nazarenko, A.A. - Reconditioning worn-out internal surfaces of the parts of mining machinery and equipment. p.30
- Nazarenko, A.A. - Reconditioning worn-out parts of mining machinery and equipment by electrolytic steeling p.33
- Novikov, E.E. - Classification of causes of the wear of rolling-contact bearings of mine car clutches. p.36
- Novikov, E.E. - Influence of the quality of grease on the coefficient of resistance in the bearing assembly of mine cars. p.40.
- Ostapenko, V.A. - Differential equations of the process of breaking off the rock from the massif by vibration impact for solutions by electronic analog computers. p.44
- Ostapenko, V.A. - Characteristics of the force of resistance to the penetration of bits into rocks by vibration impact, and their criteria of similarity. p.50.
- Pluzhnik, V.I. - Classification of flotation tailings by electrocoagulation. p.56.
- Pluzhnik, V.I. - Fields for applying electrocoagulation methods. p.61
- Novikov, E.E., Podoplgina, A.S. - How to determine the driving force of a train moving along the tracks with variable longitudinal profiles. p.65.
- Trudov, V.N. - Results of testing chain and bucket excavators at the Kumerau Coal Strip Mine. p.68.
- Trudov, V.N. - Results of some experimental studies on the conveyor bridges at the Baykardag and Bemenov-Golovkovskii coal strip mines. p.75
- Ugol'nikov, V.F., Ruzdialovskii, V.I. - Distribution of loads in a chain link with the form of the figure eight. p.80.
- Shapoval, G.T., Ogankov, E.F. - Hydraulic pipeline conveying of coal in containers p.88.
- Shapoval, G.T. - A hydraulic conveying unit for transporting metal and slag samples to the central plant laboratory. p.95.

*FIZIKA METALLOV I METALLOVEDENIE [THE PHYSICS OF METALS AND METALLOGRAPHY], Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Sverdlovsk, vol.20, no.2, Aug. 1965

- Table of contents translated:
- Ivanov, M.A., Krivoglas, M.A., Maslovskikh, A.M. - Theory of the hysteresis magnetic scattering of neutrons on localized spin excitation in ferromagnetic materials. p.161.
- Vlasov, K.B., Filippov, B.N. - Certain properties of tensors determining the characteristics of propagation and absorption of ultrasonic waves in metals in a strong magnetic field. p.173.
- Gurov, K.P., Chudinov, M.G. - A correlation effect in the diffusion process in metals. p.170.
- Gotchenko, V.V. - Theory of the ordering of atoms in alloys with cubic lattices considering the interaction of atoms in all coordination spheres. p.183.
- Rizdvanetskiy, D.R., Smirnov, A.A. - Magnetic elastic scattering of slow neutrons in alloys. p.193.
- Kuznetsov, V.E. - Dynamic magnetostriction of iron in pulsed magnetic fields. p.199.
- Dzagana, E.P. - Distribution of lagging magnetization jumps according to their duration. p.204.
- Folovov, V.M., Krasnikov, I.A. - Effect of elastic stresses on the magnetic properties of highly coercive alloys in the system Fe-Ni-Cr. p.210.
- Andrievskii, A.I., Mochaluk, G.F., Usakov, I.U.G. - X-ray study of certain mixed ferrites. p.216.
- Kuznetsov, V.E., Kronshteyn, L.V., Usatov, V.U. - Magnetostriction of iron in field variations. p.221.
- Esin, V.O. - Preferred growth orientation of crystals with a cubic lattice. p.226.
- Gil'dengorn, I.S., Rogel'berg, I.L. - Investigating the oxidation of nickel-silicon-aluminum alloys at high temperatures. p.231.
- Lovi, I.E., and others. - Investigating the distribution of cerium in cast iron with the help of an electron probe. p.236.

- Effect of temperature and composition on the electric conductivity of β - and γ -phases in the system tantalum - carbon.** p. 243
- Surov, I. N., Shvartsman, L. A., Alekseev, V. I.** - Character of the chemical bonding in transition metal carbides and nitrides. p. 251
- Polotov, I. E.** - Electron microscopy of the various stages of crystallization of spherulite and fibrous graphite in the Ni-C hard alloy. p. 258
- Zimin, N. V.** - Recovery and beginning of the initial recrystallization during the high-speed heating of L62 brass. p. 265
- Talashkevich, I. P., Aleksandrov, K. S.** - Development of an axial texture in metals with a face-centered cubic lattice. p. 270
- Kostukova, E. P., Rovinskii, B. M., Rybakova, L. M.** - Structural changes in metals under the effect of alternating plastic deformations. p. 274
- Palatnik, L. S., and others.** - X-ray study of the defects of packing in cobalt condensation films. p. 280
- Leksovskii, A. M., Regel', V. R.** - Temperature-time dependence of aluminum strength under the effect of static and cyclic loading. p. 288
- Tiablukov, S. V.** - Conditions of magnetic resonance in spiral structures. p. 292
- Kalashnikov, V. P.** - Nuclear relaxation on hot electrons. p. 295
- Petrov, A. N., Tuluts, G. G.** - Quantum theory of the tensor of the dielectric constant in a strong electric field. p. 297
- Chechenikov, V. I., and others.** - Magnetic properties of iron-neodymium alloys. p. 299
- Chechenikov, V. I., Nefedov, A. P., Sokolovskaya, E. M.** - Magnetic properties of V-Ta alloys. p. 302
- Lubchenko, A. P., Sherman, D. G.** - Adsorption of globularizing elements on graphite crystals in cast iron. p. 303
- Logutko, A. L., and others.** - Measuring the duration of magnetic reversal pulses. p. 308
- Samokhvalov, A. A., and others.** - Magnetic properties of Eu_2O_3 . p. 308
- Samokhvalov, A. A., and others.** - Temperature dependence of the saturation magnetization of the ferromagnetic oxide of EuO . p. 309
- Umanski, I. A., Chirikov, N. V.** - Concentration inhomogeneity in deformed copper-aluminum and copper-beryllium alloys. p. 310
- Gavrilova, A. V., Tinkh, I. D.** - Investigating the aging of martensite in iron-nickel alloys with additions of aluminum. p. 313
- Syrak, V. I., Suvorova, S. O.** - Effect of temperature on the amplitude dependence of internal friction in martensite. p. 315
- Beresnev, G. A., Surak, V. I.** - Effect of plastic deformation on the amplitude dependence of internal friction in iron. p. 317
- Professor B. G. Livshits is 60 years old.** p. 320
- GAZOVOE DELO [GAS INDUSTRY].** Issued by Tsentral'nyi nauchno-issledovatel'skii institut tekhniko-ekonomicheskikh issledovaniy po neftegazovoi, neftekhimicheskoi i gazovoi promyshlennosti [Central Scientific Research Institute of Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry]. Moscow, no. 7, 1965.
- Table of contents translated:
- Travus, N. A., Soldatov, B. M.** - Analyzing gas and condensate gathering systems of Azerbaijan gas-condensate fields. p. 3
- Tokol, I. N., Oleksuk, V. I., Gerish, P. A.** - Present status of the development of the Shebelinka field. p. 6
- Abdulla, F. S., and others.** - Increasing the productivity of gas wells in the Rasheval'skoye field by acidizing clay on bottom-hole zones. p. 11
- Ashtakov, V. A., Podkovkin, M. F., Kulikov, I. A.** - Characteristics of the automatic fluid outlet of gathering and distribution containers of low-temperature separators having a diethylene glycol inlet. p. 15
- Aleksandrov, A. V.** - Calculating nonsteady regimes of the simultaneous performance of a compressor station and gas pipeline sections adjacent to it. p. 18
- Rokhina, I. A.** - Chromatographic analysis of petroleum gas. p. 24
- Smirnov, V. A., Rozentfild, V. M., Liskova, R. P.** - Determining the optimum variant of the gas-supply system for centralized gas consumers. p. 27
- Itskinskii, I. A.** - Effect of fluid gas processing on the efficiency of gas transportation. p. 30
- Kryzhanovskii, B. A.** - Work on the automation of gas fields carried out by the Kraenokhar Branch of the All-Union Scientific Research and Design and Construction Institute of Overall Automation of the Petroleum and Gas Industries. p. 34
- No. 8, 1965.**
- Table of contents translated:
- Vybornova, I. A., Volkovskii, A. S., Stepanova, G. S.** - Phase equilibrium of methane mixtures with various hydrocarbons, constituents of the condensate composition. p. 3
- Turnov, I. U., Belov, K. A.** - Crustal subsidence in the North Stavropol' Pelagiadi gas field. p. 7
- Zaveratlo, M. M., Barlov, M. M., Sulinenko, G. P.** - Using water for cooling natural gas in low-temperature separation units. p. 13
- Kryzhanovskii, B. A., Golov, A. G., Kraschun, F. M.** - Selecting a system for automating the processes of feeding antifreeze solutions in gas fields. p. 16
- Pullov, I. N., Chislova, E. N.** - Selecting inhibitors for protecting metals from hydrochloric acid corrosion. p. 21
- Torochesnikov, N. S., Kel'tsev, N. V., Shumilatski, I. U.** - Using synthetic zeolites for separating lower olefinic hydrocarbons from lightly concentrated gases. p. 25
- Elislatova, L. I., Terokhina, A. L., Brantseva, N. N.** - Determining physicochemical properties of unstable natural gasoline. p. 29
- *GEOLOGIA NEFTI I GAZA [THE GEOLOGY OF PETROLEUM AND GAS].** Organ of Gosudarstvennyi geologicheskii komitet SSSR and Gosudarstvennyi proizvodstvennyi komitet po gazovoi promyshlennosti SSSR [State Geological Committee of the U.S.S.R. and the State Production Committee for the Gas Industry of the U.S.S.R.]. Moscow, vol. 9, no. 9, Sep. 1965.
- Table of contents translated:
- Mirchik, M. F., and others.** - Outlook for finding petroleum and trends in prospecting operations in the Kama-Kinel' system of troughs. p. 1
- Kulakov, A. I., Fomina, G. V., Shpil'man, I. A.** - Outlook for the development of oil and gas prospecting operations on the eastern slope of the Russian Platform in the area of Orenburg Province. p. 8
- Meinikov, A. M., Busel, G. F.** - New data on the oil potential of Tournai sediments in the Tatar A.S.S.R. p. 13
- Postnikov, D. V.** - Lithology and petroleum prospects of Chelkan sediments in Bashkiria. p. 15
- Danilov, B. I.** - Age of the terrigenous formation in the Kama-Kinel' Depression. p. 20
- Mkrichian, O. M.** - Correlation of local structures in Devonian and Carboniferous horizons in Kama-Kinel' troughs. p. 25
- Stepanov, V. P., Kozhin, F. A., Surkov, A. D.** - Tectonics of the northern dome in the Tatar Arch based on geophysical prospecting data. p. 29
- Deordev, Z. G.** - Oil potential and structural characteristics of the anticlinal zone of the cis-Ural Depression. p. 33
- Iarkov, G. M., Smirnov, A. V.** - Paleogeography and sedimentation in the Early Vise in the Volga Valley portion of Volgograd Province. p. 36
- Mashkovich, K. A., Zinger, A. S., Plotnikov, I. U. N.** - Interpretation of the natural thermal field in the lower Volga Valley. p. 41
- Monakhov, M. P.** - Plan of the development of structures in the platform cover of the central part of the Pechora Valley. p. 46
- GORNII ZHURNAL [MINING JOURNAL].** Organ of Gosudarstvennyi komitet po chernoi i tsvetnoi metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, no. 9, Sep. 1965.
- Table of contents translated:
- Kivchikov, P. F.** - Tyrynyauz Combine is 25 years old. p. 3
- Chugunov, L. F., and others.** - Technical progress at the "Molodets" Mine. p. 6
- Dubinin, V. M., and others.** - Tyrynyauz ore dressing plant. p. 10
- Zakharukin, B. N.** - Mining small ore bodies by open-pit operations. p. 12
- Khokhrakov, V. S., and others.** - Economic effectiveness of using skip hoists at the Sibay Mine. p. 15
- Zhichevskii, N. P., Prokhoda, A. Z., Fedorenko, V. S.** - Improvement of quality indices in extracting iron ores at the Krivoy Rog Basin mines. p. 18
- Kybylin, A. E.** - Formation of depression cones in the Krivoy Rog Basin karstic carbonate rocks. p. 19
- Tipak, N. G.** - Experience in the building of underground units for rock crushing in waterlogged grounds. p. 21
- Katsaurov, I. N.** - Arched shape of concrete roof lining and methods of its calculation. p. 24
- Kuluzov, B. N., Schmidt, R. G.** - Ways of improving technical and economic performance indices of roller bit boring machines in strip mining. p. 26
- Tabachnikov, L. D., Grishin, L. V.** - Modernization of BSSS roller bit boring machines. p. 31
- Abramson, M. G., and others.** - Experimental investigations on the construction of roller bits with diameters of 76, 87, and 112 mm. p. 37
- Konstantinov, L. P., and others.** - Studying the performance of pin roller bits in strip mining and ways of improving their design. p. 42
- Buklin, V. D., Teleshev, A. S., Briukhov, B. F.** - Resistance and wear of roller bits depending on the hardness of rocks. p. 46
- Shashurin, S. L., Plaksa, N. V.** - Experience in the roller bit drilling at the Nikitovka open-pit mine. p. 48
- Dimolenko, M. I., and others.** - The most important problems facing the roller bit drilling of boreholes in strip mining. p. 50
- Kudila, N. A., and others.** - Testing a new boring bit for sinkers hammers. p. 51
- Serov, I. A., and others.** - Studying the loads arising from the work of rotary percussion boring machines. p. 53
- Pochepaev, I. N.** - Determining the permissible lift for systems with a sheave of friction. p. 53
- Vinogradov, L. V., Viktorenko, V. A.** - System and apparatus of the centralized control of electric power installations at the Degiyak mine. p. 55
- Silkovskii, I. A., and others.** - Control acts of automatic jaw breakers. p. 58
- Kamardin, V. I., Roizen, I. D., Blinokh, V. A.** - Flow sheets of ore dressing plants in the Krivoy Rog iron ore and Nikopol' manganese basins. p. 61
- Eyslovich, S. G., Zhuravlev, S. I.** - Technological improvement of the dressing of Krivoy Rog magnetite concentrates. p. 65
- Babin, M. B.** - Concentration of a hydrophobic addition to iron concentrates from wet magnetic separation, and its effect on filtration. p. 68
- Chernavskii, E. L., Alekhin, A. S., Bekhin, V. N.** - A method of controlling sulfide dust explosions in boiler firing. p. 69
- Ratnev, V. M., Plakhov, G. I.** - Use of two live primers improves the quality of blasting operations. p. 71
- Khoroshev, O. V., and others.** - Use of diametral fans for partial aeration. p. 72
- Kostuchenko, N. T., Mishchenko, V. P., Smirnov, G. M.** - Measuring temperature of the outside surface of an operating machine with electric thermometers. p. 73
- Ogloblin, D. N.** - The new Gi-BI Hungarian surveyor's gyocompass. p. 73
- Inventions.** p. 75
- Vitol'd Stepanovich Pak, an obituary.** p. 77
- *LITENOE PROIZVODSTVO [FOUNDRY PRACTICE].** Organ of Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research in the U.S.S.R.]. Moscow, no. 3, Mar. 1964.
- Table of contents translated:
- Thirtieth International Congress of Foundrymen.** p. 1
- Konstantinov, I. G.** - Planetary method of recasting waste sand. p. 2
- Davydov, V. A., Ivanov, V. G.** - Quality of pipe cast by the semicontinuous method in relation to the gas content of cast iron. p. 6
- Serenbogen, I. A., Khorunov, V. F., Gretsik, I. A.** - Electric slag smelting of cast iron. p. 8
- Stoyachenko, P. I., Voronova, N. A.** - Continuous casting of balls. p. 8
- Vasilovskii, P. F., Baveiko, V. N.** - Density, output of acceptable products and safety factor of cast steel parts. p. 13
- Shirokikh, I. I.** - Foundry equipment at the Fifth International Fair in Brno. p. 16
- Vrublevskii, V. I., Zhuravlev, R. N.** - Raising the precision of proportioning the feed of cupola charge materials. p. 23
- Malkovich, A. R.** - Automatic loading of sand hoppers. p. 24
- Tukanov, P. I., Chelushkin, A. S.** - Wear resistance of gray cast iron during abrasive wear. p. 26
- Khenkin, M. L., and others.** - Investigating some foundry alloys for high precision parts. p. 27
- Kantenik, S. K., Svatkin, B. K.** - Vibration packing of foundry molds under high pressure. p. 31
- Kosovitsky, S. I., Sautov, V. M., Krasavin, A. V.** - Packing the molds under high pressure. p. 34
- Bublik, M. A., Rodina, N. L.** - Quick hardening molding sand mixtures. p. 35
- Chenov, I. U.** - Determining the wall thickness of a hollow core. p. 35
- Krivoshchev, V. M.** - Decreasing the fusion of sand on steel castings. p. 35
- Nikiforov, A. P., Vashin, I. U. P., Staritsky, A. F.** - Improving the surface smoothness of steel castings. p. 38
- Kraskin, I. M., Pritkovskii, V. I.** - New design of flask for the upper half of molds. p. 38
- Isachenko, G. G.** - Casting of steel flanges into metal molds. p. 38
- Gaisin, B. M., Markarian, R. L.** - Refractory mixture for lining the lower half of steel pouring ladles. p. 37
- Borovikov, M. K., Gelzenblaz, V. A.** - Device for determining the level of metal in the ladle. p. 37
- Pichko, A. S.** - Gray spots in the cupola furnace process. p. 37
- Tsizin, B. B., Nelzhko, I. G.** - Further introduction of high-strength cast iron. p. 37
- Khudokormov, D. N., Fedchenko, A. M., Rusyi, V. D.** - Effect of the structure of pearlitic cast iron on its machinability. p. 38

- Mezhbezher, I. I. - Automatic lubrication of the compression chamber and the piston of a die casting machine. p. 39
- Pantelcov, V. P. - Machine for the magnetic separation of used sand mixtures. p. 39
- Kochman, P. I. - Mold for die casting with breaking away of the gating system. p. 39
- Rogovin, D. A., Stepanenko, F. V. - Separation of dust from grit and shot. p. 39
- Nikiforov, A. P., Vasin, I. P. - Operative control of the quality of core sand mixtures. p. 40
- Korostelev, S. F., Nesimian, I. A. - Shot blasting chamber. p. 41
- Shutinskii, P. S. - Casting into molds using self-gasifying patterns. p. 41
- Vasil'ev, E. A. - Manufacture of cast connecting rods abroad. pp. 43, 3 of cover

MASHINY I NEFTIANOE OBOURODOVANIE [MACHINERY AND PETROLEUM EQUIPMENT], Issued by Gosudarstvennyi komitet po toplivnoi promyshlennosti pri Gosplane SSSR and Tsentral'nyi nauchno-issledovatel'skii institut informatsii i tekhniko-ekonomicheskikh issledovaniy po neftnoi i gazovoi promyshlennosti [State Committee for the Fuel Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Scientific Research Institute of Information and Technological-Economic Studies on the Petroleum and Gas Industry], Moscow, no. 8, 1965.

Table of contents translated:

- Mekhtici, E. Kh. - Equipment for drilling oil and gas wells using aerated fluids. p. 3
- Lachinin, L. A., Ugarov, S. A. - Analyzing the failure of drill pipes in prospect drilling. p. 6
- Kol'chenko, A. V., Titarenko, A. I. - Uneven loading on the stages of the supporting elements of a turbo-drill and means for eliminating it. p. 8
- Babaev, S. G., Sedov, V. A., Ashkurov, M. I. - Results of field tests of the performance of brake pulleys of draw works. p. 12
- Pod'ko, A. I., Karasik, G. C. - Efficient supports of roller bits. p. 16
- Roshchupkin, V. I., Verzhin, O. I. - Effect of abrasive particles on the wear of slush pump parts. p. 17
- Staritskii, V. I. - Using end packing in pipeline 14N12X2 centrifugal pumps. p. 20
- Ivanov, G. M. - Mechanical cable layer. p. 22
- Markarov, S. G. - Planning general automatic control systems for oil-field installations. p. 25
- Ivanov, B. A., Pafenov, K. A., Malin, B. A. - Electrical wireless turbotachometer operating in the frequency range below 1 Hz. p. 27
- Provotorov, M. A. - Pneumatic control of assembly units of drilling rigs manufactured by the "Bazilikady" Plant. p. 30
- Ellistratov, V. S., Birlukov, L. P. - Starting gate with a remote control system with quickly replaceable wearing parts. p. 33

***METALLOVEDENIE I TERMICHESKAYA OBRABOTKA METALLOV [METALS AND HEAT TREATMENT OF METALS]**, Organ of Gosudarstvennyi komitet po mashinostroeniyu pri Gosplane SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Machinery Industry], Moscow, no. 8, Aug. 1965.

Table of contents translated:

- Kurduinov, G. V. - Carbon behavior in hardened steel. p. 3
- Blanter, M. E. - Principles of the combined, high-strength treatment of steel and alloys. p. 8
- Pogodin-Alekseev, G. I. - Brittleness and ductility of metals. p. 12
- Khrushchov, M. M. - Certain unsolved metallographic problems in the study of metal wear. p. 17
- Gul'akov, A. P. - Optimum alloying theory. p. 20
- Shtolberg, M. M. - Addition alloying of heat resistant iron-base alloys. p. 25
- Gorelik, S. S. - Mechanism of primary recrystallization and the effect of addition alloying on its rate. p. 28
- Assonov, A. D. - Developing a technology of heat treatment. p. 31
- Lukhtin, I. U. M. - Present state and ways of developing a technology for the chemical and heat treatment of steel. p. 34
- Surovtseva, E. D. - Uniformity of the properties of boiler tubes made of 15Kh1M1F and 12Kh1M1F steels. p. 39
- Fridlender, I. N. - Investigating the aging of aluminum alloys in systems Al - Zn - Mg and Al - Zn - Mg - Cu. p. 43
- Shepel'nikovskii, K. Z. - Effect of the rate and temperature of induction heating on the properties of hardened steel. p. 46
- Malinkina, E. I. - Connection between hardenability and tendency toward crack formation. p. 53
- Metastable phases in titanium alloys. p. 57
- Kudr'avin, I. V., Mazepa, A. G. - Review of the symposium of the Prague Scientific Research Institute of Materials and Technology. p. 60

***METALLURG [METALLURGIST]**, Issued by Gosudarstvennyi komitet po chernoi i svetloi metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.], and others. Moscow, vol. 10, no. 9, Sep. 1965.

Table of contents translated:

- Filippov, S. M. - For a fuller use of industrial potentialities. p. 1
- Seiglenov, V. D., Stozhik, D. A., Usachev, V. P. - Using electromagnetic vibrating screens for the sieving of coke breeze. p. 3
- Iubenski, I. A., and others. - Results of the use of natural gas in blast furnaces. p. 5
- Dolgoukov, I. U. A., Nikulin, V. M. - Increasing the resistance of blast furnace shafts is an important potentiality of metallurgical production. p. 9
- Raglin, D. I. - Design of blast furnace tuyeres. p. 12
- Gol'derman, G. D. - Making use of coal breeze in blast furnace smelting. p. 14
- Baranov, V. M., and others. - Blowing of cast iron in high-capacity converters. p. 15
- Tol'skii, A. A., Tupiko, V. M., Maslukov, N. T. - Efficient rate of steel pouring. p. 18
- Sapko, A. I., Pasechnik, M. S. - Packing of air furnace electrodes. p. 19
- Lazovskii, V. A., Nikiforov, N. D., Zabolotnyi, A. A. - Repair of the open-hearth furnace brickwork by gunning. p. 21
- Genesin, A., Kirsh, V. - Labor productivity in plants operating ram impact machines. p. 22
- Uvarov, V., Skriaga, V. - High-speed burning in of the bottom of open-hearth furnaces. p. 23
- Riha, Karel - Ramming and repair of the bottom of sectional open-hearth furnaces with fine-grained powder. p. 25
- Ofeigenfen, A. M., Stavordina, V. A. - Material for assembling inner bricks. p. 27
- Dolmatov, F. M. - Experience of advanced enterprises should become property of all. p. 28
- Vaschenko, I. U. I., Shigin, I. Z. - Improving the axial adjustment of three-high plug rolling mills. p. 30
- Kuznetsov, A. F., Mazurik, P. N. - Redesigning the screwdown mechanism of two-high reversing stands on medium-thickness sheet mills. p. 32
- Zaidman, I. D., Borisenko, V. G. - Studies on the heating conditions of transformer steel ingots. p. 34
- Amirinskii, I. A. A. - Repair, fast and reliably. p. 34
- Drugalev, S. M., Bronnikova, N. I. - Efficient organization of the procurement and maintenance. p. 36
- Danilov, I. A., and others. - Arteries of industry. p. 38
- Zin'ovskii, M. M. - For a further improvement of the working conditions of maintenance. p. 40
- Brodskii, I. A. - Important industrial potentiality. p. 41
- Zakharchenko, I. A. - Scientific Research Laboratory is uncovering potentiality. p. 43
- Gul'akov, R., Bardash, A. - Living force of communist competition. p. 43
- Tushkov, P. M. - Put potentialities in action. p. 45
- Podkorytov, A. M., Shargin, A. M. - How we uncover potentialities. p. 46
- To the memory of P. I. Korobov; an obituary. p. 47

MOSCOW, INSTITUT GORNOGO DELA IMENI A. A. SKOCHINSKOGO, Nauchnye soobshcheniya [A. A. SKOCHINSKII INSTITUTE OF MINING, Scientific Reports] Vol. 26, 1965. Conveyor and rail transportation in mining.

Table of contents translated:

- Sysoeva, V. A., Antonovskaya, M. A. - An analysis of the systems and technical means of underground transportation in mines of the Soviet Union. p. 5
- Leites, Z. M., Sysoeva, V. A., Chernenko, E. B. - Cost parameters of underground transportation in mines working steeply pitching seams. p. 21
- Gudakov, V. P. - Problem of devising analog computers for determining optimum technological parameters of transportation systems. p. 32
- Kost, G. N., and others. - Experimental testing of the KL-2 belt conveyor. p. 40
- D'akov, V. A., Kotov, M. A. - Problem of selecting a means of conveyor transportation in coal mining by short walls with remote control of the equipment. p. 43
- Kost, G. N. - Determining the maximum loads of the traction chain of inclined multidrive apron and belt-chain conveyors. p. 62
- Kost, G. N., D'akov, V. A. - Experimental testing of the elasticity of rubber rope belts in the field. p. 71
- Kotov, M. A., Grigor'ev, I. U. I. - Investigating dynamic fatigue stress of a belt. p. 74
- Kotov, M. A., Monastyrskii, D. Sh. - Determining the strength of rubberized-fabric conveyor belts. p. 83
- D'akov, V. A. - A device for testing the interaction between the elastic lining of a drive drum and the conveyor belt. p. 89
- Atemova, G. D. - Selection of parameters and computation of the carrying capacity of a conveying belt with partitions for steeply-inclined conveyors. p. 94

- Rubiniovich, E. E., Goncharovich, I. F. - Experimental investigation of some problems of vibration transportation. p. 100
- Vasilev, V. D., Goncharovich, I. F. - Problem of elliptic conditions in the oscillations of vibration machines. p. 106
- Tel'nov, S. V. - Improving the system of traction power supply to mines. p. 110
- D'akov, V. A., Kotov, M. A. - Operating conditions of the drive drum of a belt conveyor. p. 116

MOSCOW, TSENTRAL'NYI NAUCHNO-ISSLEDOVATELSKII INSTITUT CHIRNOI METALLURGII, Sbornik trudov [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF FERROUS METALLURGY, Papers] No. 45, 1965. Technical and economic studies in ferrous metallurgy.

Table of contents translated:

- Iudin, L. D., Pikhodko, R. V., Shitkova, A. A. - Technical and economic results of operations in the main productions of ferrous metallurgy during the current seven-year plan. p. 5
- Sklokina, N. F. - Potentialities in the U.S.S.R. steel industry. p. 13
- Gokhman, I. S., Tshitin, M. S. - Basic problems in the branch methods of determining the economic efficiency of capital investments in ferrous metallurgy. p. 22
- Gokhman, I. S., Tshitin, M. S. - Taking into account connected capital investments in calculating capital investments in the ferrous metallurgy. p. 30
- Cheplakov, V. I. - New wholesale prices for ferrous metals. p. 39
- Makarov, L. P. - Methods of establishing wholesale prices for cast iron and blast furnace ferroalloys. p. 48
- Zusman, L. L., and others. - Methods of determining the volume and the composition of the U.S.S.R. metal stock by Union Republics and economic regions. p. 57
- Mitlaev, N. I. - Methods of determining the productive capacity of metallurgical plants. p. 68
- Gokhman, I. S., Eikina, L. A., Zavruluka, N. I. - Analysis of technical and economic indices of oxygen-blown converter steel production at the plant A for 1963. p. 75
- Sklokina, N. F., and others. - Studying the economic efficiency of high-capacity blast furnace operations. p. 85
- Enefel'tov, A. N., Chertov, S. A. - Economics of the continuous pouring of carbon steel. p. 91
- Zusman, L. L., Brodov, A. A., Gorskova, L. P. - Use of manganese in the U.S.S.R. p. 101
- Zusman, L. L., and others. - Economy of the production and consumption of low-manganese cast iron. p. 115
- Khar'kovskiy, G. N., Sokolova, I. P. - Economic efficiency in the production of various types of increased and high-strength reinforcement steel. p. 125
- Vishnevskaya, T. A. - Problems of the economy of producing various types of sheet steel. p. 137
- Zemlinskoy, V. D., and others. - Consumption of rolled ferrous metals in the U.S.S.R. during the current seven-year period. p. 143
- Zusman, L. L. - Use of ferrous metals in the national economy of the U.S.S.R. p. 194
- TSvetov, A. A., and others. - Resources in ferrous scrap metal and their use in the U.S.S.R. p. 164
- Sklokina, N. F., and others. - Prospective consolidated standards for the consumption of raw materials, fuel, electric power, and other materials in the production of ferrous metals in the U.S.S.R. p. 172
- Mitlaev, N. I. - Classification of capital assets and the composition of inventory items at metallurgical enterprises. p. 182
- MOSCOW, VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT PODZEMNOI GAZIFIKATSII UGLEI**, Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF UNDERGROUND COAL GASIFICATION, Studies], Moscow, no. 12, 1964.
- Table of contents translated:
- Klein, E. V. - Effect of various factors on the heat of combustion of gas in underground gasification of coal. p. 3
- Golgor, S. P. - First experiments in underground gasification of lean Donets Basin coals at the Kamensk "Podzemgaz" plant; 1961-1962. p. 13
- Iudin, I. D., and others. - Certain dependence of the heat of combustion of gas on the rate of the flow in the gasification channel. p. 19
- Leonovich, K. M., Sidorov, E. A. - Conditions for the lighting of underground gas producers in lean coal seams. p. 27
- Sidorov, E. A. - Methods of calculating the unidimensional gas flow in an underground gas producer channel with high temperatures and rates of flow. p. 32
- Kashkin, A. A., Linetskii, S. S., Ol'chanskaya, N. S. - Technological analysis of operations at the "Podzemgaz" gas producer plant in Yuzino-Ablinsk for the first quarter of 1963. p. 35

- Dmitriyev, A.V., Lebedev, V.L., Nazarenko, A.A. - Testing methods of connection linking by hydraulic fracturing of a coal seam at the Kuznetsk "Podzemgaz" plant. p. 46.
- Krein, G.F. - Distribution of gas flow during the blowing of electrically heated channels. p. 52.
- Kazak, V.N., Molehanova, K.P. - Effect of the angle of pitch of a section on the size of the reaction surface of combustion in thin coal seams. p. 57.
- Zhukov, V.V., Orlov, G.V. - Settling of the ground surface during gasification of a coal seam at the industrial gas-producer, "Podzemgaz", No. 3 Angren plant. p. 68.
- Eremochkin, N.V. - Evaluating the conditions for the inflow of underground waters of overlying coal series into a gas producer and their effect on the underground coal gasification process in Moscow Basin deposits. p. 74.
- Shchepkova, O.L. - Determining from pumping out data the radius of influence of an underground water flow. p. 84.
- Kalashnikov, P.I. - Determining the hydraulic connections between burnt-out areas and boreholes with the help of water filling. p. 90.
- Shilov, I.U. - Results of draining underground gas producers at the "Podzemgaz" plant in Yuzhno-Abinsk using horizontal drains and burnt-out areas. p. 94.
- Kotlov, I.V. - Effect of the geological structure and hydrogeological conditions of gasification deposits on gas losses. p. 106.
- Puzirev, P.F., Mlaskovskaya, I.D. - Measurement of the angle of inclination of the BGS-2 bit in boring horizontal boreholes. p. 119.
- Kuznetsova, K.A. - Radioactivity warning control in the boring of directional boreholes with the TB-3 turbo drill. p. 126.
- Sokolov, D.A. - Possibility of using the gamma method in the control of boreholes with the RPK device. p. 128.
- Dmitriyev, A.V., and others. - The SCR-2 portable station for the control and regulation of hydraulic fracturing processes. p. 131.
- Pronin, V.F., Drozdov, G.D. - Boring and experimental inclined horizontal boreholes in the Novo-Karlagansk salt mine. p. 135.
- Vorobey, V.I., Zvoniyuk, V.I., Smirnov, V.G. - Dynamic methods of extracting casing pipe from burnt-out areas of underground gas producers. p. 138.
- Al'shuler, M.M., and others. - Analysis of the operation of working "Podzemgaz" plants in 1982. p. 151.
- Revva, M.K., Semenenko, D.K., Smirnov, V.G. - Investigating the process of underground gasification of coal in Poland. p. 161.
- NEFTIPROMYSLOVOE DELO [PETROLEUM PRODUCTION].** Issued by Tsentr al'nyi nauchno-issledovatel'skii institut tekhniko-ekonomicheskikh issledovaniy po nefliano, neftekhimicheskoi i gazovoi promyshlennosti [Central Scientific Research Institute of Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry]. Moscow, no. 8, 1985.
- Table of contents translated:
- Anilau, V.A., and others. - Determination of the nature of flooding of well IV in the Maecio horizon of the Anastasyevka-Troitskoye field based on the parameters of production performance. p. 3.
- Akhmedov, A.Kh., Alolio, G.S. - Flooding slightly permeable horizons in Kirmaki series 2 and Kirmaki series 4 of the Chalkmagly field. p. 5.
- Pilipets, L.A., Buchkovskaya, M.I. - Thermometric investigations of intake wells in the Dolina area. p. 12.
- Smirnov, E.M., and others. - Electric heating of well bottom zones in the South Alanyshik field. p. 16.
- Smirnov, I.U.S., Musin, N.Kh., Knyshenko, G.M. - Killing of wells equipped with pumps for underground well repairs. p. 19.
- Prikhodko, A.K. - Performance of preliminary oil refining settling tanks. p. 21.
- Baikov, N.M., Mansurov, E.I., Shapovalov, D.K. - Sealing oil and gas gathering systems. p. 24.
- Ivanov, G.I. - PGS-2 self-recording paraffin meter. p. 26.
- *OGNEUPORY [REFRACTORIES].** Organ of Gosudarstvennyi komitet po chernoi i tsvetnoi metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 30, no. 9, 1985.
- Table of contents translated:
- Alvonskiy, B.M. - Extensive introduction of advanced experience on dust elimination in the refractory industry. p. 1.
- Pliginsk, A.A., and others. - Dolomite magnesite blocks for lining oxygen-blown converters. p. 4.
- Rubanov, V.M. - Purifying waste gases of heating units in refractory plants. p. 5.
- Shumilina, A.A. - Heat characteristics of the performance of tunnel-type furnaces. p. 10.
- Kalibicheva, M.N. - Wear of fused magnesite brick in the walls of electric arc furnaces. p. 14.
- Antonov, G.I., and others. - Stabilized dolomite brick in the checkerwork of an open hearth furnace. p. 21.
- Zhukova, Z.D., Pitak, N.V., Entin, V.G. - Phase changes in the lining of reactors of the production of carbon black. p. 26.
- Kahnarskiy, I.S., Gaido, A.N. - Lightweight refractories with the 99 per cent content of aluminum oxide. p. 32.
- Kisliy, P.S., and others. - Thermocouple tips for continuous temperature control in copper smelting furnaces. p. 36.
- Alexandrov, T.A., Prokhorova, I.A. - Effect of ferrosilicon additions on the phase composition and properties of graphite chamotte products. p. 39.
- Makogon, I.L., Isaev, D.P., Pichev, V.I. - Redesign of the ejection assembly of a CM 143 press. p. 43.
- Babichev, G.N. - Determining the content of iron, aluminum, and chromium oxides in refractory materials and products. p. 44.
- *POROSHOVAIA METALLURGIYA [POWDER METALLURGY].** Organ of Institut metallotekhniki i spetsialnykh sployev AN USSR [Institute of Ceramic Metals and Special Alloys of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 5, no. 8(32), Aug. 1985.
- Table of contents translated:
- Ivan Nikitich Frantsevich; on his 60th birthday. p. 1.
- Sorokin, V.K. - Investigating the compressibility of metal powders of various dispersity. p. 6.
- Radomysh'skiy, I.D., Napara-Volgina, S.G. - Investigating conditions for obtaining a chemized iron powder by the diffusive saturation method from solid chrome-containing fillers. Report No. 1. p. 12.
- Vinogradov, G.A., Katashinskiy, V.P. - Investigating coefficients of metal powder rolling. p. 19.
- Ratchenko, A.I. - Problems connected with pipe extrusion from a viscoplastic mixture. p. 23.
- Yashchenko, V.V., Tartakovskiy, I.P., Golubev, T.M. - Investigating the vibration packing of spherical powder particles. p. 35.
- Bal'shin, L.I., Trofimova, A.A. - Achieving strength equilibrium during sintering and estimating the degree of equilibrium of the properties of sintered porous materials. p. 40.
- Kisliy, P.S., Kuznetsova, M.A. - Investigating the process of freezing on thermocouple tips made of zirconium boride. p. 45.
- Shostakov, M.A., Popov, S.I., Tsarevskiy, B.V. - Methods of determining the rate of penetration of melts into capillary porous materials. p. 50.
- Kaminskiy, I.A. - Flow of gases and liquids in a porous ceramic metal material. p. 55.
- Dzykovich, I.A., and others. - Distribution of elements during the formation of ceramic metal alloys in the system V-Ni-Fe. p. 62.
- Gordienko, S.P., Samsonov, G.V., Fesenko, V.V. - Investigating the vaporization of lanthanum hexaboride. p. 70.
- Krasovskiy, I.A. - Investigating the mechanism of the deformation and fracture of porous iron. p. 74.
- Zozula, V.D., Grigor'ev, A.M. - Selection of lubricants for iron-graphite sliding friction bearings. p. 82.
- Falkov, A.S., and others. - Diamagnetic susceptibility and the linear thermal expansion of carbon graphite materials. p. 87.
- Lebedeva, L.P., and others. - Experimental production of iron-base friction ceramic metals. p. 98.
- Pozin, Yu.M., and others. - Preparing an electrode ribbon from cerium oxide by rolling powder composition materials between rolls. p. 103.
- Aitamonov, A.I.A., Bozyskornov, A.I. - Durability of cutters in cutting porous ceramic metal materials. p. 108.
- Sheenko, I.N. - Investigating hard-facing rods of a hard, chromium carbide alloy. p. 112.
- Vol. 5, no. 8(33), Sep. 1985.
- Table of contents translated:
- Zemskov, G.V., Shostakov, A.I. - Diffusion metallization of graphite powders. p. 1.
- Dobrovolskiy, G.N. - Investigating the interaction of titanium powder with hydrogen sulfide. p. 6.
- Sleptsov, V.M., Prshedronirskaya, E.M., Kukotina, I.U. - Preparation and the properties of spherical powders of high-melting compounds. p. 11.
- Panichkina, V.V., Uvarova, I.V. - Determining the specific surface of finely dispersed nickel and tungsten powders. p. 19.
- Radomysh'skiy, I.D., Vlasuk, R.Z. - Developing standard methods for testing the compactibility of iron powders. p. 22.
- Katrus, O.A., Vinogradov, G.A. - Manufacturing electrodes by powder rolling. p. 28.
- Vinogradov, G.A., Katashinskiy, V.P. - Angular parameters of the process of rolling metal powders. p. 34.
- Yashchenko, I.V., Tartakovskiy, I.P., Golubev, T.M. - Investigating the vibrational compaction of two-component spherical powder systems. p. 40.
- Dobrovolskiy, A.G., Popichenko, F.I.A. - Slip casting of products made of titanium carbide. p. 45.
- Pugina, L.I., Fedorchenko, I.M., Ponomarenko, N.E. - Effect of the graphite content on the anti-friction properties of metal-graphite materials. p. 53.
- Belitskiy, M.E. - Developing a technology for the manufacture and study of certain properties of sintered Kh2ON80 nichrome. p. 59.
- Fedorchenko, I.M., and others. - Studies in the field of friction materials. Report no. 2. p. 65.
- Ratchenko, A.I. - Determining the state of metal powder surfaces by the scattering of light. p. 69.
- Kuznetsova, M.A., Iakimovskiy, V.D. - High-temperature dilatometer for measuring the shrinkage during sintering. p. 76.
- Grigor'ev, V.V., and others. - Strain resistance and resistance to deformational distortions of ceramic metal alloys. p. 81.
- Eremenko, V.N., Lukashenko, G.M., Sidorko, V.R. - Thermodynamic properties of manganese silicides. Report no. 2. p. 91.
- Chegorlan, V.M., and others. - Rapid method of determining the dispersion of metal powders. p. 93.
- Iashchenko, G.V., Lashenko, B.I.A. - Inertless high temperature furnace for mechanical testing. p. 99.
- Egorov, L.G., and others. - Using bag-type filters to trap finely dispersed metal particles from aerosols. p. 104.
- PRIKLADNAYA GEOFIZIKA [APPLIED GEOPHYSICS].** Issued by Nauchno-issledovatel'skii institut geofizicheskikh metodov razvedki [Scientific Research Institute of Geophysical Prospecting Methods]. Moscow, no. 44, 1985.
- Table of contents translated:
- Kozlov, F.A. - Evaluation of the sources of errors in the reflection method. Part 1. p. 3.
- Kozlov, F.A., Rudnev, V.N. - Evaluation of the sources of errors in the reflection method. Part 2. p. 13.
- Shustkovskiy, A.I., Iungana, V.I.U. - Calculation of the characteristics of electric delay lines for seismic prospecting apparatus. p. 25.
- Polishchuk, M.K. - Phase characteristics of an electrodynamic seismic detector mounted on the ground, taking into account the effect of the input circuit of the amplifier. p. 44.
- Gusevich, V.T. - Some problems in theoretical and experimental studies of marine seismic apparatus. p. 49.
- Vartanov, S.P. - Theoretical study of the principal parameters and properties of a piezoelectromagnetic channel. p. 59.
- Averkhov, A.G. - Some kinematic characteristics of reflected waves. p. 79.
- Moshibel, V.I. - Particular problem of the reduction of lateral reflecting elements in a cross-sectional plane. p. 84.
- Garanin, V.A., Rogozin, O.I., Sibgatullina, F.M. - Absorption properties of water-saturated oil- and gas-saturated reservoirs. p. 89.
- Olukhov, G.G. - Magnetotelluric field over sloping structures (polarization II). p. 112.
- Anishechenko, G.N. - Methods for magnetotelluric sounding. p. 127.
- Strakhov, V.N. - Determination of the distribution of the characteristics of potential functions. p. 132.
- Vikhirev, B.V. - Using the second vertical derivative of the gravity anomaly in gravity prospecting. p. 162.
- Kunin, N.I.A. - Density of rocks in southern Kazakhstan. p. 177.
- Mehtnikov, D.A. - Effect of clayiness on the specific resistance of argonaceous rocks. p. 185.
- Gaidanskiy, V.I., and others. - Studying the Mossbauer spectra of ferrous minerals. p. 202.
- Minkina, V.B. - Valve system for electric logging of boreholes. p. 211.
- PROKOP'YEVSK, KUZNETSKII NAUCHNO-ISSLEDOVATELSKII UGOL'NYI INSTITUT.** Shosnik [KUZNETSK SCIENTIFIC RESEARCH COAL INSTITUTE]. Papers. Moscow, no. 10, 1984. Mechanization and automation of production processes.
- Table of contents translated:
- Volkov, A.N., Firsov, V.P. - Results of the industrial tests of an experimental specimen of the A-3 unit. p. 4.
- Dmitriyenko, N.N., Lepskiy, N.S., Firsov, V.P. - Experimental operation of the OMKT and KM-81 cutter-loaders in Kuznetsk Basin mines. p. 19.
- Grishin, V.A., Kovrizhin, A.K., Nechaev, I.M. - Measuring the power of electric motors of a coal-mining machine set for short walls during industrial tests in the Kuznetsk Basin. p. 33.
- Iararova, A.I., Sidorkin, V.E., Semenov, G.S. - Comparative tests of the PK-3m, PK-4 and PK-5 cutter-loaders. p. 40.
- Ushakov, I.A., Alkin, I.U.K., Zatonitskiy, A.T. - Operating the PVV-2, PVV-3 and RUP-2 cutter-loaders. p. 52.

- Zakhvatkina, B.I., Nestorenko, I.G., Tarasevich, L.I. - Results of industrial testing of the ADShV equipment (dispatcher control of mine ventilators). p. 71.
- Kil'man, A.Sh., Izmodenov, N.P. - Results of laboratory and industrial tests of the KT-2 and AVT-229 temperature-regulating devices. p. 90.
- Tarasevich, G.V., Tarasevich, L.I., Zakhvatkina, B.I. - Industrial testing and investigation of the AKP devices for controlling hoisting units. p. 100.
- Belan, N.A., Gusev, A.F. - Efficiency of the use of rotary and rotary-percussion boring methods in natural development workings in the Kuznetsk Basin mines. p. 113.
- Grishin, V.A., Kraskov, A.A. - Results of the investigation of starters used in networks of 660 volt voltage. p. 120.
- Majorov, I.U.S. - Experimental investigations in selecting the efficient design of drilling bits for the SVB-2 machine in drilling shafts in Kuznetsk Basin openworks. p. 143.
- Belan, N.A., and others. - Development of actuating mechanisms of cutter-loaders. p. 151.
- Kukartsev, A.N., and others. - Investigating coal seam breaking by means of a cone wedge in mining the Second Interval. p. 165.
- Bogdanov, I.U.V. - Automatic control of cutter-loaders having a selective cutter. p. 177.
- Bogdanov, I.U.V., Molchanov, V.N. - Program control of cutter-loaders having a selective actuating mechanism. p. 182.
- Masharova, N.V., and others. - Investigating the performance of the Janless heating unit designed by engineers. p. 202.
- Fainshtein, V.F., Orlov, V.P. - Universal explosion-proof tensometer. p. 222.
- Bogdanov, I.U.V., Fainshtein, V.F. - Explosionproof measurements by wire gauges. p. 231.
- Fainshtein, V.F., Zakharov, V.I. - Explosionproof three-phase wattmeter with oscillographic recording. p. 236.
- Kozlovskii, P.R. - System and equipment for automatic control of conveying lines. p. 253.
- Kozlovskii, P.R., Abramsev, E.P., Bogdanov, I.U.V. - Automatic control of a branched conveying line at the "Tomusnaskala-1-2" mine. p. 278.
- Abramsev, E.P. - Program controlled photoelectric relay. p. 285.
- Kozlovskii, P.R., Bogdanov, I.U.V., Belokrylov, V.V. - Automatic control of conveyors preventing the breakdown of their operating members. p. 292.
- Kozlovskii, P.R., Fadeev, A.N. - The UKA-2 equipment for automatic control of conveyors and its operation. p. 301.
- Kozlovskii, P.R. - Automatic control of conveyors with automatic regulation of stresses in traction members. p. 327.
- Parlin, M.I.A. - Effect of mining mechanization on the use of productive time of machines and on the change in labor productivity of workers of mechanized professions. p. 340.
- Efimov, S.G., Dmitriev, V.F. - Economic efficiency of the PK-3 and PK-3 cutter-loaders. p. 248.

RAZVEDOCHNAIA GEOFIZIKA [PROSPECTING GEOPHYSICS]. Issued by Vsesoyuznyi nauchno-issledovatel'skii institut geofizicheskikh metodov razvedki i test Geofizicheskogo razvedki (All-Union Scientific Research Institute of Geophysical Methods of Prospecting and the Geofizicheskogo razvedki Trust). Moscow, no. 4, 1965.

- Table of contents translated:
- Beklemishev, A.B., Grodzinskiy, V.A., Vishniakov, E.P. - Determining the direction of the source of excitation of elastic vibrations. p. 3.
- Lutsenko, B.N. - Methods for the interpretation of the materials of controlled directional sensitivity method under the platform conditions in the Volga Valley portion of Volgograd Province. p. 11.
- Rikhter, V.I. - Interference waves on Neogene fields, countermeasures, possibilities of their utilization. p. 16.
- Kogan, L.I. - Separation of multiple reflections by the elongated hodographs of reflected waves in the shallow-water zone of the southeastern part of the Caspian Sea region. p. 37.
- Zavadskaya, T.N. - Results of testing the method of average apparent resistance. p. 52.
- Iun'kov, A.A. - Considering the effect of mining on measurements with a gravity variometer. p. 59.
- Volodarskii, R.F. - Measurement of gravity depending on the altitude of scaling. p. 66.
- Beloserkovskii, I.U.I. - Density of coaly rocks in the Donetsk Basin. p. 71.
- Pelushenko, V.M. - Use of gravity variometers for determining the location of cavities in mine workings. p. 75.
- Kulakov, I.N. - Instrumental errors of the MBNP microbarometer. p. 80.
- Bondarenko, M.T., Evteeva, O.G., Per'kov, N.A. - Obtaining the curves of electric logging by way of interpolation. p. 88.
- Orlov, L.I., Ruchkin, A.V. - Separation of fractured reservoirs according to the data of electric logging. p. 94.

- Utkin, V.I. - Some results of using spectrum-selective logging in prospecting for coal. p. 105.
- Zharaviev, V.P., Popov, V.K., Ternovskaya, L.A. - Determining the resistance of the layers of mean thickness. p. 120.
- Blumentsev, A.M. - Determining the density of ferugineous rocks and ores. p. 129.
- Bogopolskii, R.I., Mikhed'ko, A.F. - Possibility of the documentation of coal exploratory boreholes according to the data of geophysical research methods in coreless drilling. p. 138.

No 5, 1965.

- Table of contents translated
- Zemitsov, E.E. - Some possibilities of the statistical processing of the kinematic parameters of reflected waves. p. 3.
- Tikhonov, P.M., Dikgov, I.U.A. - Determining the corrections on the depth of charge immersion and registering the explosion moment in seismic logging observations. p. 15.
- Beize, G.V. - Checking the identity of the channels of seismic prospecting stations under laboratory conditions. p. 21.
- Kokorin, E.V. - Using amplitude curves of reversed microseismic logging for the selection of the optimal conditions for excitation. p. 27.
- Moikulov, V.I., Mon', A.A. - Errors in registering the explosion moment. p. 30.
- Kuznetsov, V.L., Kondashov, V.A., Ruvinskii, L.L. - Increasing labor productivity in seismic prospecting based on the introduction of surface booms. p. 33.
- Berezkin, V.M., Nefedova, N.I.U. - Determining the density of the intermediate layer using the methods of information theory and mathematical statistics. p. 39.
- Pavlovskii, V.I., Serabrilov, E.B. - Nature of the gravity field over the vertical stage in the smooth variation of density in a transition zone. p. 47.
- Iun'kov, A.A. - Interpretation of Δg anomalies in underground prospecting, calculation of the remoteness and sizes of a disturbing body. p. 56.
- Tsilukhin, I.U.A., Klimov, A.A. - Calculating of interferences in processing the results of gravimetric observations under the geomorphological conditions of the Taman Peninsula. p. 63.
- Volodarskii, R.F. - Nature of the gravity field in western Ciscaucasia. p. 70.
- Zemlianov, V.N. - Analysis of the effect of relief and possibilities of its calculation in gravimetric surveying under the conditions of mountain areas. p. 77.
- Kulikov, A.V. - Some results of modeling on infrasonic frequencies in the inductive excitation of the primary field. p. 80.
- Skabarnia, N.G. - Exclusion of systematic errors in the interpretation of the curves of the formation of the electromagnetic field. p. 90.
- Kuznetsov, A.N. - Use of boreholes where casing has been set as feeding electrodes in electric prospecting. p. 96.
- Nassonov, V.A. - Interpretation of the data of aerial magnetic surveying using the method of a constant solution of the equations of the magnetic field of sheetlike bodies. p. 102.
- Ponomarev, T.F. - Use of the induction method of studies for determining the productivity of low-ohmic reservoir rocks in the Kuma Valley. p. 116.
- Stepkov, S.A. - Some characteristics of the deviation of boreholes in the Leningrad region of the Kuznetsk Basin. p. 125.
- Plakunov, L.I. - Chart for the interpretation of exponents. p. 130.
- Skakharov, G.G. - Cumulative torpedo for cutting pipes in dry boreholes. p. 133.
- Zershtichkov, A.E. - Measuring the deviation of boreholes using the OKS-56 laboratory. p. 138.
- Tuchin, A.V. - PKO-73 perforator. p. 140.
- Rodionov, V.A. - Automatic mud-analysis logging station. p. 143.

***REFERATIVNYI ZHURNAL METALLURGIYA [JOURNAL OF ABSTRACTS: METALLURGY].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, Sep. 1965.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvoshia vysshiikh uchebnykh zavedenii, chernalia metallurgii [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]. Moscow, vol. 8, no. 9, 1965.

- Table of contents translated:
- Kazakov, N.B., Pronin, L.A., Filippov, S.I. - Acoustical investigation of liquid alloys. p. 5.
- Bokareva, N.M., and others. - Viscosity of tin and of its alloys with nickel. p. 8.
- Gvozdeva, L.I., Lubimov, A.P. - Connection between thermodynamic properties and viscosity. p. 13.
- Zarakhand, A.I., and others. - Technical and economic estimate of the concentrability of lean iron ores. Report No. 2. p. 17.

- Georgiev, A.I., Gristan, F.L., Grishnikova, I.A. - Studying the concentrability of manganese carbonate ores from the "Obokhishche" deposit in the People Republic of Bulgaria for the purpose of obtaining raw materials suitable for the making of ferroalloys. p. 22.
- Komissarov, G.M., Kulikov, I.S. - Desulfuration of iron ores with their treatment in open air. p. 28.
- Lizunov, G.I. - Analysis of reduction processes in blast furnaces with the injection of natural gas. p. 34.
- Grekov, P.N. - Effect of the relation between the size of lumps and the diameter of the layer on the gas dynamic characteristics of the layer. p. 39.
- Fimov, L.M., Bittel'man, L.S., Grekov, I.A. - Open-hearth furnace smelting with an intensive blowing of the bath by oxygen. p. 45.
- Kobyl'nikov, I.I. - Determining the probability of the coincidence of open-hearth furnace charging and the delays caused in this way. p. 50.
- Dektursov, Sh.Sh., Sergeev, V.I. - Automation of metal pouring. p. 57.
- TSykin, L.V., Olsk, G.N. - Mechanism of the oxidation of impurities in a converter bath. p. 63.
- Uravgil'deev, A.Kh., and others. - Behavior of gases in the crystallization process of killed steel ingots. p. 69.
- Lifshits, A.G., Fdnoral, F.P. - Effect of certain alloying elements on the temperature of the beginning of steel solidification. p. 74.
- Melikhov, P.I., Stepanov, A.V. - Effect of new methods of smelting and blowing by argon on the properties of EP-65 stainless steel. p. 80.
- Linsheinskii, B.I., Ponomarenko, I.P. - Investigating the process of crushing electrothermic ferroalloys by an electric current. p. 86.
- Pavlov, I.M., Avramin, P.M. - Investigating the longitudinal and transverse effectiveness of deformation during rolling. p. 92.
- Zaleskii, V.I., Volkov, I.P. - Investigating metal deformation in upsetting under conditions of vibration loading. p. 98.
- Shevakin, I.U.F., Pasternak, V.I. - Force conditions of pipe deformation in the backup assembly of an electric pipe welding machine. p. 103.
- Fedorov, N.M., Papchenko, V.P., Polinov, V.I. - Development of a deformation texture in cold-rolled transformer steel. p. 108.
- Shiriacov, V.I. - Deformation of section mill stands. p. 112.
- Polukhin, V.P., Zinov'ev, A.V. - Determining the actual specific pressure in rolling. p. 117.
- Tarnovskii, I.I.A., Kolsar', S.L., Tarnovskii, V.I. - Calculating force and energy parameters in rolling. Report No. 2. p. 122.
- Shifrin, M.I.U. - Zone of sticking during the upsetting of hollow cylindrical blanks. p. 129.
- Krishtal, M.A., Davydov, I.U.I. - Effect of chromium and tungsten on the thermodynamic activity of carbon in iron alloys. p. 133.
- Lapenkov, M.F., Fedorov, V.N. - Using the method of nuclear magnetic resonance to determine the solubility limit in binary alloys. p. 139.
- Avramov, I.U.S., Gvozdev, A.G., Livshits, B.G. - Surface energy of single crystals of the Fe - 3% Si alloy. p. 142.
- Chernizer, G.M. - Dynamic friction force of dislocation from impurities. Edge dislocation. p. 146.
- Vasil'ev, D.M., Glazunova, V.K. - X-ray investigation of residual stresses in the coatings. p. 151.
- Balazlov, M.I., Kidin, I.N., Piguzov, I.U.V. - Effect of lattice defects on the solubility of carbon in alpha iron. p. 155.
- Ol'shanetskii, V.P., Natapov, B.S. - Evaluating the amount of anomalous structure in steels. p. 159.
- Belinkova, A.F., and others. - Grain boundaries in structural steel with and without additions of rare earth metals. p. 163.
- Semenova, G.A., Minkovich, A.N. - Precipitation of titanium carbide from the gaseous phase onto the surface of steel. p. 168.
- Belous M.V., Permlakov, V.G., Titarenko, S.V. - Carbide transformation during the tempering of silicon steel. p. 171.
- Kidin, I.N., Morozova, T.S. - Dependence of the kinetics of rapid heating on the phase constitution of cast iron. p. 178.
- Rusin, P.I. - Structural diagrams of the hardening of ferrite-pearlite malleable cast iron with heating by high-frequency currents. p. 180.
- Didulin, P.N., Isukov, S.S., Kimov, V.S. - Effect of extrusion parameters on the crystallization of castings pressed out of liquid steel. p. 184.
- Glinkov, M.A., and others. - Calculating method for obtaining current information on heat exchange processes in soaking pits. p. 187.
- Kapustin, E.A. - Mass exchange between a solid and a bubbling liquid. p. 192.
- Shvelev, V.M. - Criteria for the description of heat exchange in a furnace with stationary heat conditions. p. 195.

- Ryzhkov, L.N., Krivandin, V.A. - Optimum dispersion of coal particles in the flame p.201.
- Ivanchenko, F.K. - Dynamics of rolling mills during the skidding of rolls. p.206.
- Vol 8, no 10, 1985
- Table of contents translated
- Kozhenov, V.A. - Hydrogen solubility in slag depending on the slag composition p.5
- Stryalov, I.T., Esin, O.A. - Application of the quasi-chemical theory to calculate the activity of silicate melt components. p.14
- Gottlieb, A.D., Gimmel'farb, A.A., Lapa, A.M. - Improving the algorithm for regulating the heat conditions in a blast furnace p.22
- Kitayev, B.I., and others - Quantitative estimate of heat conditions at a blast furnace top p.31
- Kharozhkov, I.P., and others - Heat treatment of sinters p.37
- Ovechinnikov, I.U.N., and others - Analyzing heat processes in a blast furnace hearth with fuel injection through the tuyeres p.47
- Navyko, P.P. - The production of mechanically capped steel. p.49
- Volkov, S.S., and others - Using manganese limestone in oxygen blowing. p.52
- Sol'skiy, V.I., Sembov, N.I., Gerasimenko, I.P. - Intensifying the open-hearth scrap metal process by blowing the bath with compressed air. p.59
- Levin, A.M., and others - Characteristics of the production of analyzer steel with a low addition content. p.62
- Khitrik, S.I., and others - Kinetics of the reduction of sinter and of an ordinary charge mixture in the production of ferro-silicon p.69
- Fomichev, I.A., Kirichenko, A.N. - Analytic determination of the pipe rolling moment on automatic mills. p.74
- Polukhin, P.I., and others - Characteristics of laminated strip rolling. p.80
- Skozokhodov, N.E., Subbotin, V.A. - Investigating the efficiency of sectional rolls p.84
- Zalkov, M.A., Pereliat'ko, V.N. - Criteria of the plasticity of metal. p.90
- Mal'tsev, V.V., Pyzhenkov, I.A. - Matrix method of calculating the grooving of rolls for four-high rolling mills. p.94
- Grdina, I.U.V., Lykhin, I.D. - Structure of vanadium-carbon alloys. p.101
- Adametsky, R.A., and others - Characteristics of texture formation during the cold rolling of silicon iron with low and medium degrees of deformation p.106
- Gul', I.U.P., Miniatlovskiy, K.N., Plukhin, L.M. - Effect of thermal deformation on the properties of low-carbon steel. p.110
- Zubov, V.A., and others - Characteristics of wire patenting in a fluidized bed. p.116
- Braun, M.P., Veselianskiy, I.U.S. - Electron microscopy of the structure of steel castings in connection with their complex alloying and phenomena of reversible temper brittleness p.120
- Nabiyulin, L.D., Petrichenko, A.M., Tunk, A.A. - Investigating certain properties of high-strength cast iron with spheroidal graphite. p.120
- Sintsov, V.A., Chechulin, V.A. - Characteristics of the formation of laps on stainless steel castings. p.133
- Belov, I.V., Postnikov, I.U.D. - Effect of the degree of filling of the slag pocket on the aerodynamics of the air passage of an open-hearth furnace port p.140
- Averin, S.I., Semikhin, I.D. - Effect of various factors on the length of a turbulent gas flame p.146
- Taita, N.U., and others - Solving problems of unsteady heat conduction with type EI-12 electric integrators under second order boundary conditions. p.153
- Tiagunov, V.A., Vokrosenskiy, V.A. - Investigating the screwdown mechanism of a slabbing mill working "in the limit." p.158
- Grabentik, V.M. - Strength and limited durability during discrete and continuous changes in the loading conditions. p.162
- Emet'lanov, A.V., Volokh, I.A. - Investigating the economic efficiency of using a combined blowing in blast furnace practice using the method of correlative analysis. p.170
- Mekrasov, S.G., Zalkov, M.A. - New developments in ferrous metallurgy. p.177
- Pereliat'ko, V.N. - New developments in the field of rolling techniques. p.180
- Evgenii Vasil'ovich Pal'mov; an obituary. p.187.
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vyssheikh uchebnykh zavedeniy; gornaya i razvedka (Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Mining Journal). Moscow, vol. 8, no. 7, 1985.
- Table of contents translated:
- Pinchuk, O.I. - Mechanism of the formation of the folding of the coal-bearing layer in the Cholybinsk graben. p.3.
- Tseisler, V.M. - Characteristics of faulting in the southwestern spurs of the Gissar Range. p.15
- Kleysova, A.A., Kulikov, A.V., Udovichenko, E.M. - Stratigraphy and oil potential of Pre-Middle Devonian sediments in Perm Province and the Udmurt A.S.S.R. p.21
- Gushchin, A.V., Filatova, N.I. - Stratigraphy of Upper Ordovician sediments in the eastern part of the Western Tashbagatay Range (Keldyngai basin). p.28
- D'yachkov, A.B. - Silification and karst in the Upper Devonian and Lower Carboniferous carbonate rocks of central Kazakhstan. p.34
- Koslin, P.A. - Karst of the northern slope of the Skalisty Range in the Laba-Zelenchuka interfluve (Northern Caucasus). p.42
- Shul'ga, V.F. - Observations on oriented structures in flysch sediments in the Soviet Carpathians. p.47
- Kochetov, A.I.A. - Some characteristics of the near-surface Baylyginskii Massif (western Tuva). p.64
- Sviridov, V.V. - Ore potential of speessartites in the northwestern Caucasus. p.73
- Polkov, P.A. - Datolite and plagioclase from skarn deposits. p.79
- Gliko, O.A. - Principles and methods of mapping in prospecting p.85
- Kholmiskiy, R.V. - Brief characteristics of the mineral composition of rich iron ores in the Goryshchevo deposit of the Kursk Magnetic Anomaly. p.101
- Maikov, A.N. - Effect of some hydrothermal processes on the physicochemical properties of solid rocks. p.112
- Zelenov, K.K., and others - Characteristics of the neutralization of acid solutions using sea water. p.120
- Bogatin, V.N., Pliushin, M.I. - Calculation of standardized chert cuts for the apparatus of induction logging p.124
- Rodionov, P.F., Kononenko, I.I. - Using the radio wave transmission and charging method in prospecting for deep pyrite bodies of the Urals in the area of boulders. p.135
- Borisovich, V.T., Grubchak, L.G., Nesmotriyev, V.A. - Stress distribution in a large diameter core in the case of its breaking away by hydraulic cylinders. p.141
- Khelev, V.I., Bogatyrev, M.D. - Possibility of using a pneumatic piston hole. p.146
- Leonov, E.G., Makurin, N.S. - Formation of packers in air drilling and criterion of the selection of methods for controlling them. p.151
- Atanas'ev, B.L. - Nature of inversion in geosynclinal zones p.154
- Somlin, M.L. - Age of the Sancharo series and Sancharo quartz diorites (northwestern Caucasus). p.157
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vyssheikh uchebnykh zavedeniy; gornaya i razvedka (Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Mining Journal). Moscow, vol. 8, no. 7, 1985.
- Table of contents translated:
- Malakov, G.M., Chernous, A.P. - Studies on the footwall rock deformation in the Krivoy Rog Basin p.3
- Kashevol, N.S. - Calculating the dynamic resources of underground water in open-pit mining. p.8
- Vol'tson, P.M. - Advantageous distances between workings on the draw levels under high rock pressure. p.13
- Kabaev, A.L. - Estimate of simultaneous and separate methods in mining p.22
- Tuchol, A.I. - Problem of improving plans for the development of contiguous seams in the Intauro Combine mines. p.26
- Tariakovskiy, D.N., Abdulkharov, M.A., Gorbunov, E.N. - Productive capacity of an open-pit mine depending on the method of front shifting, using continuous waste-disposal conveying units. p.31
- Dionyshev, V.F., Filatov, N.A. - Results of some investigations to determine the pressure on shaft timbers at the Yakovlevo mine in the Kursk Magnetic Anomaly. p.35
- Savost'yanov, A.V., Sivko, V.I. - Effect of the depth of workings on stress distribution in the underlying rock of a seam being mined. p.43
- Vakhrameev, I.I. - Settling of the solid phase during filtration of dispersed liquids. p.48
- Volzhskiy, V.M., Roginskii, V.M. - Peculiarities of reinforced concrete rod bolting without compressed air. p.53
- Mekrasov, G.G., Smirnakov, V.V. - Actual observations of the developments of rock pressure in level workings at the Tekel lead and zinc mine. p.57
- Stekachinskaya, N.P. - Volumetric determination of a blasted rock mass and in piles by surface stereophotographs and a double projector. p.63
- Khokhlov, N.P. - Determining efficient ways of developing capital assets in coal mines by linear programming. p.69
- Benani, A.Kh., Gurfel', B.L. - Bases for designing a matrix model of the production costs of a mine p.74
- Saginov, A.S., Panov, G.L. - Effect of the preliminary wetting on the climatic conditions of coal mine workings p.82
- Ushakov, K.Z. - Effect of the motion of the pulp on the air flow in a mine working. p.87
- Simanov, V.G., and others - Results of some experimental studies on the drillability of Pervouralsk quartzite by thermal piercing p.92
- Dmit'lev, A.P., Iamshchikov, V.S. - Elasticity of rocks and its effect on their drillability by thermal piercing. p.98
- Neudachin, G.I., Almatov, V.G. - Problems in the theoretical analysis of the performance of single-acting hydraulic-percussion boring mechanisms p.103
- Shershteyn, A.A. - Studying the effect of corner charges on the length of the line of least resistance during individual explosions of blasting column charges distributed in parallel to the plane of boring. p.109
- Ungeful, V.G. - Kinematic cutting angles for the cutting tools of planetary working disks of the actuating mechanisms on mining machines p.110
- Dublanskii, V.M., Mikhailov, V.G., Krapivin, M.M.G. - Selecting efficient parameters for planetary actuating mechanisms on coal mining cutter-loaders. p.124
- Klavrskiy, V.I. - How to compute pilability of the rope on a drum. p.131
- Kichigly, A.F., and others - Investigating the breaking of sandstone as applicable to actuating mechanisms on cutter-loaders reinforced with impregnated diamond fragments. p.135
- Slov'tev, A.A., Andreev, G.G. - Testing the raking and loading equipment for inclined workings. p.140
- Dzuehlidze, V.I., Matanitsy, V.I. - Wear of the parts of a scraper chain and the chute of a flexible conveyor. p.145
- Dushuev, L.P., Osetskii, V.M. - Dynamics of the universal rotary trench excavator. p.148
- Mavrin, V.A. - Efficiency of using the effect of a flow of compressed air in pneumatic piston engines. p.153
- Volotkovskiy, S.A., and others - New types of mine battery chargers with semiconductor rectifiers p.161
- Fedorov, V.F., Prokof'ev, E.V. - Experimental results of the adjustment of a two-engine electric drive of a superheavy conveyor. p.167
- Makhova, V.A. - Selecting a circuit diagram for transformers in a mine haulage substation of a single-phase alternating current. p.170
- Volkov, A.A., Tikhonov, A.N., Rybalkov, E.N. - Studying the correction of the dynamic proportion of mine excavating machines by mathematical modeling. p.174
- Khushtalov, I.K., Kuznetsov, N.E., Turmanov, P.I. - Automatic drive of mine hoisting machines with electromagnetic clutches. p.180
- Semichuk, G.M., Petrov, I.I. - Automatic feed force regulator of the Ural-33 coal cutter. p.185
- Otkhovikov, B.V. - Determining dynamic stresses on the drive of a KKD-1800/300 cone crusher by mathematical modeling p.190
- Agroskin, A.A., Ruvich, B.M., Andreeva, I.A. - Ways of preparing coke from coal of the Vorksha deposit by preliminary briquetting. p.194
- Emet'lanov, D.S., Volshkillo, V.V. - Causes of the contamination of flotation concentrates by finely dispersed minerals p.197
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vyssheikh uchebnykh zavedeniy; gornaya i razvedka (Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Mining Journal). Moscow, vol. 8, no. 3, 1985.
- Table of contents translated:
- Grigorovich, V.V. - Some structural features of the "Fasulskii" ore deposit. p.3
- Gorfman, L.G., Talnikman, I.B. - Correlation of the marginal content with the level of depletion in open pit ore mining. p.8
- Dikov, A.D. - Characteristics of the composition of titanium-bearing phases and main problems in their treatment. p.13
- Raffenko, A.I., Pol'kin, S.I. - Certain characteristics of the effect of a magnetic field on ore pulp. p.17
- Nailonov, T.B., Pol'kin, S.I. - Mechanism of the interaction of oleic acid with tantalite and certain accompanying minerals. p.23
- Ivanova, L.I. - Applying the probability theory to the examination of heat capacity data. p.31
- Mashar'lan, V.N., Lipin, D.V. - Characteristics of the process of converting metallized wastes with treatment of ferritic slags. p.39
- Mal'tsov, V.S., Ponomarev, V.D. - The ternary system $\text{CaO} - \text{Al}_2\text{O}_3 - \text{SiO}_2$ and the classification of alumina blast furnace slags. p.47

- Ni, L. P., and others. - Kinetics of the interaction of the unstable form of sodium aluminum-silicate hydrate with alkali and aluminate solutions. p. 52.
- Koticeva, I. U., Lainer, A. I., Kolenkova, M. A. - New method of preparing return solutions for the leaching of nepheline sinters. p. 58.
- Pokarev, A. I., Chistakov, Iu. D., Shestrenko, G. N. - Statistical analysis of the direction of preferred growth of single crystals of molybdenum obtained by electron beam nonrecrystallization. p. 65.
- Tikhonov, A. I., Smirnov, V. I. - Data on the rate of antimony sulfide oxidation in a fluidized bed. p. 73.
- Volkova, N. M., Gelf'd, P. V. - Heat of formation of lower vanadium carbides. p. 77.
- Tumayev, A. S., Filina, L. N. - Kinetics of tin monosulfide sublimation. p. 82.
- Lisov, L. D., Meskin, T. S. - Diffusion of tin into gallium arsenide. p. 86.
- Pakhov, V. S., Zabolotnykh, V. L., Usimov, V. I. - Sorption of titanium and zirconium from fluoride-containing solutions by anion exchangers. p. 93.
- Tkachenko, I. V., Beketov, A. R., Vlasov, V. G. - Reduction of the hexagonal modification of uranium trioxide by solid carbon. p. 100.
- Zelikman, A. N., Orekhov, M. A. - Investigating the interaction of niobium and tantalum pentoxides with caustic soda solutions at temperatures above 100°. p. 108.
- Davidson, A. M., Kudiyavtseva, A. G. - Investigating temperature distribution along the length of the flame of a copper smelting reverberatory furnace with the help of a modeling machine. p. 115.
- Zakharov, A. M. - Calculating conodes in two-phase volumes of quaternary constitutional diagrams by the microanalysis method. p. 121.
- Chistakov, Iu. D., Mendel'vich, A. Iu. - Regularities in the cracking of the oxide film on aluminum in high-temperature oxidation. p. 127.
- Kolachev, B. A., and others. - Effect of hydrogen on the structure and properties of the VT15 alloy. p. 131.
- Zakharov, M. V., Lisovskaya, T. D. - Effect of various elements on the electric conductivity, hardness, and temperature of the start of crystallization of Al-0.000 aluminum. p. 136.
- Perlin, I. L. - Form of the curve of tangential contact stresses during upset forging of cylinders and during rolling with smooth rolls. p. 145.
- Shevakin, Iu. F., Rytikov, A. M., Tsirol'nikov, V. A. - Sizing the dies for drawing rectangular tubes with walls of equal thickness. p. 148.
- Vorobin, A. Z., Titov, P. S. - Cyanide-fertile electrolytes for the preparation of copper-lead alloys. p. 155.
- Kalnikov, A. A., Salakhutdinov, N. - Control of the tin content in ores and ore dressing products by applying the Mossbauer effect. p. 158.
- Ivanov, V. A., Lisovskii, D. I., Shapirovskii, M. R. - Limits for the use of automatic control systems in the operation of rotary kilns for the drying of copper-zinc concentrates. p. 164.
- Afanasyev, G. D., Durnev, M. I. A. - Selecting an efficient automatic control system for the charging of crushers for medium and fine grinding. p. 168.
- Belov, S. F., Tsykin, S. P. - Recording irreducible metal losses in enterprises of the nickel and cobalt industries. p. 179.
- Kazakov, V. N., Smirnov, V. I. - Studying the inflammability of lead and zinc sulfates. p. 82.
- Novitskiy, I. A., Lenev, L. M. - Determining the thermodynamic characteristics of cobalt aluminate and cobalt and nickel metasilicates. p. 60.
- Gulitskiy, N. V., Gus'kov, V. M. - Studying the pressure of chromium trichloride vapor. p. 75.
- Belikov, V. V. - Electrolytic regeneration of soda from autoclave tungstate solutions. p. 78.
- Popercha, M. I. A., Avramenko, V. I. - Physico-mechanical properties of bismuth electrodeposited by a superposed sinusoidal current. p. 84.
- Elluth, V. P., Papekha, G. I., Lysiv, B. S. - Dissociation of niobium pentachloride on niobium and carbide surfaces. p. 90.
- Cheremshin, V. N., Fisanova, L. A., Fedorchuk, O. K. - Thermodynamic investigation of the reaction $Si - SiCl_4 \rightleftharpoons 2SiCl_2$. p. 97.
- Davidson, A. M. - Calculating heat transfer in copper smelting reverberatory furnaces on the zone method basis. p. 103.
- Vakhobov, A. V. - Methods of measuring the electric conductivity of fused salts. p. 111.
- Sitil, I. V., Limina, L. P. - Extension of the solidus line into the subcritical region. p. 117.
- Shestrenskaya, A. V., Minkevich, A. N. - Carbon diffusion in niobium and titanium carbides. p. 123.
- Gorlick, S. S., Kozlovskaya, V. P., Tomlova, L. A. - Effect of manganese on the formation of a macrocrystalline film on extruded aluminum alloy products. p. 126.
- Novikov, I. I., Novik, F. S. - Effect of the rate of tension on the plasticity of aluminum alloys in the solid-liquid state. p. 130.
- Gan, G. I. A., and others. - Calculating strain hardening and the temperature field during extrusion. p. 134.
- Venbrin, A. Z., Titov, P. S. - Investigating the cathodic process during the electrodeposition of copper-lead alloys from pyrophosphate electrolytes. p. 140.
- Ivanov, V. A., Lisovskii, D. I., Shapirovskii, M. R. - A method of constituting a high-quality system of automatic control of delay-time metallurgical equipment. p. 144.
- Lisovskii, D. I., Tashchinskaya, V. M. - Mathematical model of the process of metal reduction by carbonaceous fuel from liquid slag. p. 151.
- Gratsersteln, I. M. - Improving the management organization at nonferrous metal enterprises. p. 162.
- Pol'kin, S. I., Nebena, V. P. - Mining and metallurgical industries of India. p. 168.
- SHAKHTNOE STROITEL'STVO [MINE CONSTRUCTION]. Organ of Gosudarstvennyi komitet po delam stroitel'stva SSSR [State Committee for Construction of the U.S.S.R.] and others. Moscow, vol. 8, no. 9, Sep. 1965.
- Table of contents translated:
- Lishchenko, I. V., Nif'va, E. E. - Improve the indices of tunneling in coal mines in operation. p. 1.
- Fedorov, A. M., and others. - Simplify and put in good order the bookkeeping and settlement of general expenses in mining. p. 6.
- Babitskiy, A. I. A. - Circular cauldrons for dumping with rectangular dump piles. p. 8.
- Bogushev, G. A. - Inflow of residual groundwater in the Donetsk Basin mine shafts and measures for its control. p. 12.
- Rozenblit, G. L. - Loads on tower headframes. p. 15.
- Pan'kin, V. A., Shapir, P. A. - Freezing of rock in depth during shaft sinking at the Zaporozhye Iron Ore Combine No. 1. p. 17.
- Rybakov, Iu. Iu., Levechuk, V. N., Gultayev, A. N. - Mechanizing the placing of reinforced concrete tubing in horizontal workings. p. 22.
- Atamanov, V. F. - The DOK-2m side dumper. p. 24.
- Nagibin, P. V. - Mine construction terminology should be put in good order. p. 26.
- Drebnitsa, A. V., and others. - Reducing dust formation during blasting operations in Bulgarian mines. p. 28.
- Vol. 9, no. 10, Oct. 1965.
- Table of contents translated:
- Novikov, A. I., Tsurpal, G. M. - New technical solutions in the design of deep mines in the Donetsk Basin are reducing costs and time of their construction. p. 1.
- Lobedianskaya, Z. P., Ershov, N. N., Gol'bert, Y. N. - Use the regional principle of drainage in mine building. p. 6.
- Aptekars, P. A., Krokshin, V. P. - Economic efficiency of using cable guides. p. 9.
- Shchegirev, Iu. D., Lunov, E. P., Vin'lov, M. M. - Investigating conditions of shaft lining with reinforced-concrete tubing in coal mines of the Rostovgork Combine. p. 12.
- Malyi, P. S., Chekrigina, M. P. - Influence of additives on the degree of concrete waterproofness. p. 16.
- Drobyshev, V. F., Ievlev, G. A. - Studying stress distribution in cast iron tubing supports of vertical shafts by the photoelasticity method. p. 10.
- Kozhushko, Iu. M., Lebedeva, G. V. - Lining Krivoy Rog Basin workings by monolithic concrete with the use of additives that plastize and delay the setting of concrete mixtures. p. 20.
- Starstev, V. I., Popkov, M. P. - Mine No. 5-0 of the Kuzbassgork Combine made 292 m of lateral drifting. p. 22.
- Shustov, N. V., Kipnis, L. A., Kalinina, M. I. - Use of air spaces for blasting operations at the "Sovetskii" mine. p. 25.
- Zelinskiy, V. M., and others. - Experience in introducing remote control of pumps in drainage boreholes at the S. M. Kirov mine. p. 27.
- Krupkin, L. V. - Use of discharging filterless boreholes for the drying of coalfields. L. V. Krupkin. p. 29.
- Svirskiy, Iu. I. - Coal mine building sites of the Donetsk Economic Council. p. 31.
- *STAL' [STEEL]. Organ of Gosudarstvennyi komitet po chernoi i svetloi metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 25, no. 9, Sep. 1965.
- Table of contents translated:
- Osada, I. A. F. - Make sure of further technical progress in the pipe industry and of an improved quality of pipe. p. 777.
- Korshikov, G. V., and others. - Investigating the oxidizing zone of a blast furnace working under oxygen-enriched blowing (35% oxygen) and using natural gas. p. 781.
- Zhurev, A. G., Kolesanov, F. F. - Removal of sulfur during the roasting of Bakal siderites. p. 791.
- Shastin, V. A., Kashchenko, G. D. - Build-up welding of the charging equipment cones in blast furnaces. p. 795.
- Raspovov, I. V., Seidukov, G. V. - New developments in research. p. 798.
- Pavel Ivanovich Korobov, an obituary. p. 797.
- Smirnov, L. A., Timonina, V. M., Korneev, N. D. - Structure of rimmed steel section ingots capped with aluminum. p. 798.
- Fredenzen, E. Z., and others. - Effect of the composition of the heat insulating material on the macrostructure of rolls. p. 803.
- Kulikov, V. O., and others. - Mastering the operations of 650- and 900-ton (Mega-ton) capacity open-hearth furnaces at the Il'ich metallurgical plant. p. 805.
- Afanasyev, S. G., Marinka, A. V. - Nonmetallic inclusions in converter steel. p. 807.
- Nikitenko, M. D., and others. - Amount of manganese used in the making of E21 dynamo steel. p. 809.
- Borisov, V. V., and others. - Decarburization of steel by aluminum-silicon. p. 810.
- Grekov, E. A., and others. - New developments in research. p. 811.
- Khovoshechinskii, A. V., Rozentsveig, V. S. - Mechanization and automation of the charging of slag-forming alloying materials into electric furnaces. p. 813.
- Kravchenko, A. A., and others. - New developments in research. p. 818.
- Berchunov, S. V., and others. - Vacuum treatment of liquid ferrochromium. p. 820.
- Shashchokin, B. A., and others. - New developments in research. p. 824.
- Zelichenok, B. Iu., and others. - Influence of cross rolling on the quality of 16GN and 17GS steel sheets. p. 825.
- Muzalevskiy, O. G., Burtaev, V. V. - Effect of roll stoppage on the distribution of metal deformation in the zone of reduction during rolling. p. 828.
- Shirakov, V. I., Krauze, G. N., Karpyahev, M. S. - A new semicontinuous heavy-section rolling mill. p. 830.
- Prolov, N. F., Stefanov, V. E., Shilov, V. A. - Using double radii of connection for web and flanges in the rolling of lightweight girders. p. 834.
- Plekhanov, P. S., Radchenko, R. D., Vishniakova, M. P. - Hotting of rail steel ingots in regenerative pits. p. 837.
- Manevich, F. D., and others. - Effect of the reduction of pipe blanks during forming for the induction welding process. p. 840.
- Gorenstein, M. M., and others. - Temperature conditions of the service of rolls on three-high sheet rolling mills. p. 841.
- Matyev, Iu., and others. - New developments in research. p. 842.
- Supov, A. V., and others. - Effect of cold hardening on mechanical properties and fine structure of heat treated steel. p. 846.
- Kheifets, G. N., and others. - Steam hardening of high-capacity cylinders. p. 849.
- Vorozhzhichchev, V. I., Ioshin, P. V., Maslova, V. N. - Effect of aluminum on the contamination by nonmetallic inclusions, the plasticity at high temperatures, and the mechanical properties of steel. p. 852.
- Mytskiy, P. A., and others. - New developments in research. p. 855.

- Sachko, N.S., Kropachev, N.G., Gol'dei, E.L. - Operational calculation and analysis of production costs for the by-product coke industry and blast furnace practices at the Kuznetsk Metallurgical Combine. p. 856.
- Portnoi, M.E. - New developments in research. p. 858.
- Stantse, I.P. - Performance of the furnace for nonoxidizing heating of metal in a protective atmosphere. p. 859.
- Tarnavskii, A.I., Tarasenko, N.V. - Investigating the possibility of making straight rods in the process of drawing on chain draw benches. p. 861.
- Dubinskii, F.F., Zaitsev, M.M. - Use of a multi-tubular turbulent-foam scrubber for cleaning converter gases. p. 864.
- Portnoi, M.E. - New developments in research. p. 866.
- Korobov, L.N., Tsylev, L.M., Shehedrin, V.M. - Problems of the methods of investigating the kinetics of iron reduction from its oxides in molten ores by reducing gases. p. 867.
- Ladyzhenskaya, F.M., Nefedova, D.I. - New developments in research. p. 871.
- *STANKI I INSTRUMENT [MACHINE TOOLS AND THEIR CUTTING TOOLS].** Organ of Gosudarstvennyi Komitet po mashinostroyeniyu pri Gosplane SSSR and Tsentrall'noe pravleniye Nauchno-tekhnicheskogo obshchestva mashinostroyeniya pri Gosplane SSSR [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 36, no. 8, Aug. 1965.
- Table of contents translated:
- Muravchik, I.S. E. - Ways for increasing the degree of specialization in the metal-cutting tool industry. p. 1.
- Syacev, I.N., Iakovenko, V.A., Zaslavskii, M.Z. - Electromechanical copying system for lathes. p. 4.
- Klaev, V.M., Safingau, R.E. - Pulse-code to phase-code converter for numerical programmer control systems. p. 7.
- Korzhinka, V.L., Byul'dov, A.N., Tarasovskii, I.U. P. - Attachments for honing gear teeth. p. 9.
- Mil'shtein, M.Z. - Effect of the wear of a shaving cutter on the microgeometry of tooth surfaces. p. 12.
- Severilov, V.S. - Degree of the cutting-in milling herringbone gears with hobbing cutters. p. 13.
- Kulov, B.A. - Using balls for measuring tooth thickness of bevel straight-tooth gears. p. 14.
- Sitnikov, B.T. - Efficient designs of safety and overflow valves. p. 18.
- Shneider, I.U. G., and others. - Universal ball bushings. p. 20.
- Gonakov, K.G. - End milling cutters with a mechanical fastening of hard-alloy plates. p. 22.
- Eleneva, N.M., Fedaeva, V.M. - Device for grinding drills with a diameter up to 1 mm. p. 23.
- Zhelezov, G.S. - Grinding cameras. p. 24.
- Zhulin, I.U. P., Malevany, V.I. - Machining G13L steel with cutting tools sharpened by diamond wheels. p. 26.
- Krupina, P.V. - Improving the grinding of taps. p. 27.
- Panchenko, E.V., and others. - Residual stresses in billets made of A40G steel. p. 27.
- Razvitein, M.A. - Straightening electrode tools. p. 30.
- Shpuntov, N.T. - Modernization of the 1A02, 1D62M, 1624 screw-cutting lathes. p. 39.
- Lulov, V.M., Chebolarev, E.E. - Using ultrasonic techniques for the formation of chip-breaking holes on cutting tools. p. 40.
- Zhelezov, G.I., Lobedov, G.A. - Cutting narrow grooves in multitrack heads of magnetic recorders. p. 41.
- New machine tools. p. 12.
- TORFIANIA PROMYSHLENNOST' [PEAT INDUSTRY].** Issued by Gosudarstvennyi komitet po toplivnoi promyshlennosti pri Gosplane SSSR and Gosudarstvennyi komitet Sovetskikh Ministerov RSPSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee for the Fuel Industry, Attached to the State Planning Committee of the U.S.S.R., and the State Committee of the Council of Ministers of the R.S.F.S.R. for the Coordination of Research]. Moscow, vol. 42, no. 8, 1965.
- Table of contents translated:
- Selenov, G.V., Shakhov, A.N. - Economics, organization, and planning of peat production. p. 1.
- Lavrov, V.I. - Manufacture of reinforced concrete ties for narrow-gauge railroads. p. 4.
- Akimov, V.A. - Nomogram for determining traffic and carrying capacity of narrow gauge railroads. p. 7.
- Nazarovskii, D.V. - Reliability of the BF-6, 5 milling drum. p. 9.
- Vaganov, V.V. - Machine "PPF-3" for harvesting litter peat. p. 11.
- Fomin, V.K. - Methodology of calculating the processing and forming mechanisms for obtaining lump fuel with given properties. p. 13.
- Kalinin, I.A., Petropavlov, A.M., Aleksandrova, R.A. - Storage of litter peat in stacks protected with polyethylene films. p. 18.
- Mandelbaum, A.I. - Machine "MTU-O" for the production of peat-mineral-ammonia fertilizer. p. 21.
- Kiselev, V.N., Petrov, V.V. - Focus the attention on the training of technical personnel. p. 21.
- Gantimurov, P.G. - Switch-locking mechanism (ZUKS-1) for 750 mm gauge railroads. p. 26.
- Gilevskii, I.F. - Redesigned front supporting rolls of the "BBSH-2" milling drum. p. 27.
- Rysin, V.I. - Device for machining the chain pins of OF-5 machines. p. 28.
- Gantimurov, P.G., Porobov, I.U.M., Ziganshin, F.K. - Lubrication of the principal units of TU-4 diesel locomotives. p. 29.
- Efficient methods for harvesting milled peat, with the use of pneumatic conveying unit techniques. p. 31.
- Mikhailovskii, Iakovlevich, Rukhovich, Oblitov, p. 32.
- TRANSPORT I KHRANENIE NEFTI I NEFTIPRODUKTOV [TRANSPORTATION AND STORAGE OF PETROLEUM AND PETROLEUM PRODUCTS].** Issued by Gosudarstvennyi komitet nefteobrabatovatel'skoi promyshlennosti pri Gosplane SSSR and Tsentrall'nyi nauchno-issledovatel'skii institut tekhniko-ekonomicheskikh issledovaniy po neflanol, neftekhimicheskoi i gazovoi promyshlennosti [State Committee for Petroleum Production, Attached to the State Planning Committee of the U.S.S.R., and the Central Scientific Research Institute of Information and Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry]. Moscow, no. 7, 1965.
- Table of contents translated:
- Kazubov, A.I., Shcherbakov, S.G., Chernikin, V.I. - Pipeline transportation of viscous plastic high-pour petroleum products requiring heating. p. 3.
- Isin, F.M., Rashedepkin, K.F., Chernikin, V.I. - Stability of pipeline bonds laid in fills. p. 7.
- Nikitenko, E.A. - Double track stray-current drainage. p. 12.
- Bobrovskii, S.A., Matvienko, P.Kh. - Characteristics of the transportation of fuel by air. p. 13.
- Kuchin, A.I., Arutunov, S.A. - Results of industrial testing of bottom discharge devices of petroleum tank cars. p. 17.
- Rakhal', Z. Sh., and others. - SL-9 and SL-8 sealed bottom discharge devices for petroleum tank cars. p. 21.
- Korobov, A.F., Vasil'eva, A.B., Stoinov, G.I. - Mobile device for cleaning petroleum tanks from bottom settlements. p. 25.
- Kirushkin, K.I., Artyomov, A.V. - Suggestions on design changes for service stations. p. 27.
- Vargin, A.A. - Conference of the section of the petroleum refining, transportation, and storage of petroleum of the Scientific and Technical Council of the State Petroleum Committee attached to the State Planning Committee of the Council of Ministers of the U.S.S.R. p. 30.
- No. 8, 1965.
- Table of contents translated:
- Kazubov, A.I., Shcherbakov, S.G., Chernikin, V.I. - Increasing the capacity of pipelines transporting Mangyshlak high-paraffin petroleum. p. 3.
- Sultanov, K.F., Rashedepkin, K.E., Isin, I.M. - Reducing pipeline heat stresses. p. 5.
- Dodachkin, P.P., Bykov, I.I. - Experimental investigation of the stability of pipelines laid in fills. p. 9.
- Isupov, I.U.G., Gornostovich, A.M., Surikov, G.M. - Pumping petroleum products from underground reservoirs. p. 12.
- Pillman, I.B. - Standard design for service stations. p. 14.
- Savitskii, V.B. - Selecting the capacity of tank farms. p. 16.
- Evseev, A.I. - Paying attention to safety measures. p. 18.
- Birukhin, V.T. - Mechanical cleaning of tanks during the discharge of high-paraffin petroleum at terminals. p. 22.
- Rameev, M.K., Krestinin, V.A., Rashedepkin, K.E. - Mechanical application of repair coatings on pipelines. p. 25.
- Butkov, P.P., Fedorov, A.V. - Equipment, materials, and epoxy plastics for repairing tanks, pipelines, pumping installations, and filters. p. 27.
- Kravchuk, S.G. - Centralized delivery of petroleum products. p. 30.
- TSENTRAL'NYI NAUCHNO-ISSEDOVATEL'SKII I PROEKTRNO-KONSTRUKTORSKII INSTITUT PODZEMNOGO I SHAKHITNOGO STROITEL'STVA** [CENTRAL SCIENTIFIC RESEARCH AND DESIGN INSTITUTE FOR UNDERGROUND AND MINE BUILDING, Transactions]. Moscow, no. 3, 1964.
- Overall mechanization of tunneling operations.
- Table of contents translated:
- Gorbacheva, A.I., Mordukovich, R.G. - Technical and economic indices of high-speed ventilation shaft sinking at the "Iuzhnaia-Ventilatsionnaya" Mine with the help of the KS-2m unit. p. 4.
- Stupel', R.O., Byderovskii, S.I. - The BPS-5, 5 unit. p. 12.
- Rochetov, V.V. - Influence of rock lumpiness on the volume of loading and of mine hoisting. p. 22.
- Faranovskii, I.U. V. - Estimating the efficiency of boring rig cleaning systems and methods of calculating flush fluid components. p. 30.
- Zhelezov, A.P. - Studying backflow in systems with complicated tail ends of lifting pipes. p. 38.
- Levenshtein, V.M. - Determining optimum parameters of a quick-blow boring machine with the aid of an analog computer. p. 49.
- Kulikov, I.O., Shumilovich, I.A.M., Gordlenko, B.I. - Studying the effectiveness of rock breaking by toothed roller bits. p. 59.
- Zimianenko, S.S. - Methods for experimental testing of the strength of drill columns. p. 68.
- Lapin, B.V. - Experiments in using radio communication in mine shaft sinking. p. 78.
- Leibenzon, B.I. - Experimental studies of certain mechanical standard systems for controlling the vertically of mine shafts. p. 83.
- Korol', L.D. - Determining optimum shank length of BU-1 drill bits. p. 91.
- Shapiro, A.I. - A stock metallic framework for the making of concrete linings in horizontal workings. p. 97.
- Petukhov, N.N., Kobzyev, S.S. - Analysis of the existing and elaboration of new systems and means of transportation in high-speed horizontal mining. p. 101.
- Tulinov, A.I. - Powered shield units for the building of collecting tunnels. p. 120.
- Faranov, V.V. - Problem of making a better use of shield equipment in building collecting tunnels. p. 135.
- Shoy, D.I., and others. - Basic parameters for sectional reinforced-concrete linings in the horizontal underground mining by the shield method. p. 144.
- Stepanov, V.C., Kurashvili, A.I. - Measuring tunnel lining loads carried out under various conditions of mining geology. p. 158.
- Skulbin, F.T., Klimov, I.U. - Increasing the effectiveness of the use of BU-1 BUR-2, and SBU-2 drilling rigs. p. 170.
- *TSVETNYI METALLY [NONFERROUS METALS].** Organ of Gosudarstvennyi komitet po chernoi i tsvetnoi metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 38, no. 8, Aug. 1965.
- Table of contents translated:
- Kiylov, G.G. - Improved flow sheet for the dressing of complex metal ores at the Leninogorsk ore dressing plant. p. 1.
- Zadorozhnyi, V.G., and others. - Industrial adoption of the flotation of titanium-zirconium placer sands. p. 7.
- Chernykh, S.I. - Industrial testing of the performance of small ball mills operating at high speeds. p. 12.
- Matveenko, N.V. - Flotation characteristics of copper minerals. p. 16.
- Alekseev, I.U. V. - Comparing the performance of air distributing nozzles in fluidized bed furnaces. p. 19.
- Nosov, V.N., Tser, A.L., Isakova, R.A. - Lead and zinc recovery from lead smelter slags by sublimation in vacuum. p. 26.
- Savin, V.M. - Selecting the most efficient flow sheet for the treatment of slimes from electrolytic copper refining. p. 30.
- Krasovskii, V.I., Krivovskii, G.I.A. - Nomogram for calculating heat conditions of furnaces for the roasting in a fluidized bed of copper-zinc concentrates and charge mixtures. p. 38.
- Troiankin, I.U. V., Kalanova, V.I., Pustoshilo, L.T. - Hydrodynamics of a melt in a cyclone-type furnace with a settling tank. p. 42.
- Chistakova, A.A. - Mineralogical phase characteristics of industrial alumina. p. 60.
- Tiubachev, L.I., and others. - Adjusting the electrolyte of an aluminum bath with a liquid melt. p. 58.
- Ognev, R.K., Vlasenko, I.E. - Causes of crack formation in impregnated electrode production. p. 60.
- Rodjak, V.V., and others. - Quality of titanium sponge obtained with the use of various forms of magnesium. p. 64.
- Gulisev, A.S. - Rolling of the ASM alloy - Armeo iron bimetal. p. 69.
- Volkov, G.M., Rogel'berg, I.L. - Effect of cerium additions on the plasticity of nickel and its alloys at high temperatures. p. 72.
- Burylov, B.P. - Hydrogen saturation of aluminum foundry alloys. p. 77.
- Kuz'min, L.I., and others. - Increasing the durability of linings in low-frequency induction channel furnaces. p. 81.
- Krasnikov, N.E., and others. - Investigating the mechanical properties and the structure of titanium alloys during rolling. p. 84.
- Dom'ianenko, A.I., Iakovenko, N.G., Chatov, I.V. - Increasing alumina output at the Dnieper aluminum plant during work with a high concentration aluminate solution. p. 88.

- Besshtanov, A.I., and others - Improving the performance of electrolytic cells as a result of an efficient positioning of auxiliary lifting mechanisms and anode bins. p.87
- Pokrovskii, V.V. - Indium distribution in the products of tin ore dressing and smelting conversion in tin plants. p.89.
- Dorofeev, I.U.G., Zherditskii, N.T., Neudakhina, A.A. - Saving cobalt and nickel in the manufacture of permanent magnets. p.90.
- Kuz'min, L.I. - Comparing the properties of quartzites from the Ovruch and Peivovuralsk deposits. p.91.
- Lukolanov, L.G. - Signaling arrangement for electric heating furnaces. p.92.
- Gudina, N.V. - All-Union conference of workers in the copper industry. p.93.
- In memory of Leonid Mikhailovich Loginov. p.96.
- UGOL' [COAL].** Issued by Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research in the U.S.S.R.] and others. Moscow, vol. 40, no. 9(474), Sep. 1965.
- Table of contents translated:
- Tulin, V.S. - Education in mining engineering. p. 1.
- Varshavskii, I.N. - Satisfactory amount of depressure in mines. p. 4.
- Peukhov, I.A., Lysenko, N.T. - An efficient distribution of development workings in flat seam mining in the Chelyabinsk Basin. p. 9.
- Borodin, P.A., Molisev, M.A. - Selecting an efficient place for lateral drifting. p. 18.
- Martynenko, I.A., Protopopov, S.F. - New developments in working twin long walls. p. 18.
- Bobylev, A.P., Kharchenko, V.A. - Studies on the influence of industrial and technological factors on the breaking off of coal in stopes during plowing operations. p. 21.
- Ivanov, I.F. - Experience in roof control at the "Dolzhanskaya-Iuzhnaya" mine. p. 23.
- Baskov, G.M., Zarin, N.I. - Methods of writing off the expenses for stripping operations in coal mines. p. 24.
- Lozovskii, I.U. - Selecting the optimum positioning of bridge excavators during the parallel advancing of the working face in connection with the modernization of the "Semenov-Golovkovskii" mine. p. 26.
- Norenko, N.A. - Effectiveness of the overall mechanization and automation of mines in the Donets Economic Council. p. 28.
- Balykov, V.M., Prudkin, I.A.M. - Performance of K-52m cutter-loaders and the development of narrow-cut extraction in flat seams. p. 31.
- Leites, Z.M., and others. - Method of modeling underground transportation. p. 35.
- Goncharenko, D.I., and others. - Scraper-plow extraction of very thin and outbreak-prone coal seams. p. 38.
- Kagan, F.I.A., and others. - Greater scientific substantiation of planning in coal mines by introducing technical standards. p. 41.
- Burchakov, A.S., and others. - Structure of the system of operational control in coal mines. p. 46.
- Kuznetsov, K.K., Subbotin, A.A. - Advantages of the expansion of coal mining in the Moscow Basin. p. 49.
- Kurnosov, A.M., and others. - Use of design methods in determining optimum parameters for coal mines to be reorganized. p. 52.
- Lokshin, B.S. - Determining the optimum dimensions of mining areas by taking into account the time element of previous capital outlays. p. 58.
- Duganov, G.V., and others. - Air conditioning of steeply pitching seams in the Kadiyovka region, Donets Basin. p. 60.
- Khodol, V.V., Felt, G.N. - Probability of dynamic phenomena in coal mines. p. 65.
- Bel'chikov, N.I.A., Nolikov, N.F., Pavluchenko, S.G. - Improvement of flotation at the Sukhodol'skoye Central Coal Preparation Plant. p. 87.
- Murashov, A.N. - Zone of influence of mine workings, and protection of equipment. p. 73.
- Landa, R.S., Safronova, K.I. - Branch conference of coal preparation workers in the Kuznetsk Basin. p. 75.
- Butkevich, R.V. - Scientific and technical conference on problems of continued working of the Prokop'yevsk-Kiselevsk deposits. p. 76.
- Rezenberg, F.I.A. - All-Union mining school for progressive practice in the mechanization of coal extraction and roof control in steeply pitching seams. p. 77.
- Selivanov, I.U.I. - All-Union seminar on the exchange of progressive practice in the hydromechanization at the Bachatskiy open-pit coal mine. p. 79.
- VOPROSY GORNOGO DAVLENIA [PROBLEMS IN ROCK PRESSURE].** Issued by Nauchnyi soviet po probleme gornogo davleniya Instituta gornogo dela Sibirskogo otdeleniya Akademii nauk SSSR [Scientific Council on the Problem of Rock Pressure of the Institute of Mining of the Siberian Department of the Academy of Sciences of the U.S.S.R.], Novosibirsk, no. 17, 1963.
- Table of contents translated:
- Ruppenelt, K.V. - Developing the engineering theory of rock pressure. p. 3.
- Bobel, E.A., and others. - Full-scale measurements of rock pressure in development workings at mine 5-7 of the Anzherougol' Trust. p. 10.
- Kovrizhin, A.K., Lykov, G.P., Panov, L.K. - Investigating the manifestation of rock pressure in the chamber and pillar system of mining. p. 13.
- Shumil, A.G. - Results of investigating the strength of anchoring bolts in surrounding rocks and coal seams of the Osinniki and Kondoma Regions of the Kuznetsk Basin. p. 19.
- Pilevskii, A.I.A. - Selecting the optimal bearing capacity of powered supports of the protective and supporting type. p. 30.
- Shopin, S.G., Bochkayev, G.P. - Investigating the problem concerning the balance of mine filling materials at the Prokop'yevskugol' Trust. p. 39.
- Rozantsev, E.S., Umarikhin, A.N. - Locally relieving coal seams for the prevention of sudden outbursts of coal and gas. p. 42.
- Nikolai, V.I., Ilvitskii, A.A. - Rock bumps. p. 60.
- Tumbachev, V.F., Molodtsova, L.S. - Studying the stressed state of rocks around mine workings with the help of the optical method. p. 55.
- Strelchinskii, G.A., Gorbachev, A.T., Kortelev, O.B. - Problems of roof control in coal mines of the United States. p. 66.
- Vlasenko, B.V. - Interinstitute seminar on studying the properties of rock in a triaxial stressed state. p. 110.
- VOPROSY RUDNOI GEOFIZIKI [PROBLEMS OF GEOPHYSICAL ORE PROSPECTING].** Issued by Gosudarstvennyi geologicheskii komitet SSSR [State Geological Committee of the U.S.S.R.], Moscow, no. 5, 1965.
- Table of contents translated:
- Grammatov, A.G., Glebovskaya, V.S., Khaikovich, I.M. - Helium method of prospecting for the deposits of radioactive elements. p. 3.
- Lonin, S.S. - Determining the isotopic composition of uranium samples by the method of alpha ray filtration. p. 20.
- Makarov, M.S., Kalabin, A.I. - Emanating of vegetable substances. p. 25.
- Makarov, M.S. - Elaboration of the methods and the experience in results of biogeochemical prospecting for uranium deposits in a region of the Soviet Union. p. 33.
- Tarutin, V.A. - Some peculiarities of the methods of aerogeophysical prospecting for radioactive ores in gently sloping platform sedimentary formations. p. 40.
- Boltonikov, A.N. - Effect of the emanation of radioactive ores on the results of the gamma sampling of ore bodies in a natural bedding. p. 49.
- Artyashev, V.A., Ivanukovich, G.A. - Studying the spectrogram energy spectra of the point source of gamma rays. p. 52.
- Artyashev, V.A., Ivanukovich, G.A. - Transformation of a spectrogram gamma-ray spectra into true energy spectra. p. 63.
- Sheperdin, G.M., Velrov, A.G., Laskov, R.P. - Experience in using aerial photographic survey materials for the zoning of areas according to conditions under which prospecting is to be conducted. p. 68.
- Matveev, A.V., and others. - Experience in using the method of reducing local aerogramma anomalies to the level of the earth's surface for aeroradiometric prospecting. p. 76.
- Artyashev, V.A. - Use of the similarity theory in the gamma-method determination of density. p. 80.
- Bol'shakov, A.I.U. - Gamma-gamma method for sampling heavy metal ores in deposits with an irregular distribution of mineralization. p. 96.
- Bol'shakov, A.I.U., Ochkur, A.P. - Eliminating the effect of the changes of dry borehole diameters in the method of scattered gamma radiation. p. 100.
- Ochkur, A.P., Pshenichnyi, G.A. - Using the effect of gamma-ray reflection for estimating certain metals in ores. p. 104.
- Ochkur, A.P., and others. - Experience in using the method of gamma-ray reflection for the quantitative determination of iron in the underground boreholes of the Ordzhonikidze mine, Krivoy Rog Basin. p. 109.
- Sirokina, T.N., Petrushanko, V.M. - Experience in using gamma-gamma logging in the Noril'sk region. p. 113.
- Egorov, E.V. - Possibility of using neutron methods for the quantitative determination of mercury in natural occurrences. p. 117.
- Kamyshov, B.S. - Possibility of determining the value of minute gradation of ionization emanometers without using standards. p. 125.
- Tilov, V.K. - Graduation of EM-6 scintillation emanometers with Pu²³⁹ preparations. p. 128.
- Matveev, A.V. - Nomograms for computing concentrations of radioactive elements in rocks. p. 131.
- Shatov, V.I.A. - Experience in using threshold spectrometry on the surface. p. 134.
- Ab, E.A., and others. - Universal accelerating tube. p. 140.
- Klevtsov, P.P., Pollakov, B.I., Pirogov, E.V. - A laboratory equipment for the quantitative determination of the Clark beryllium concentrations. p. 147.
- Tilov, V.K. - A review of the present state of surface radiometric methods according to materials in the foreign press. p. 110.
- Pleshchikov, G.A., Prasadov, E.M. - Grid and nomogram for computing anadium, thorium, and potassium content in rocks by the method of relative intensities in aerogramma-spectrometric surveying. p. 154.
- VSESOIUNZNYI NETTEGAZOVYI NAUCHNO-ISSEDOVATELSKII INSTITUT. Nauchno-tekhnicheskiy sbornik po dobyche nefi [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM AND NATURAL GAS. Scientific and Technical Papers on Petroleum Production].** Moscow, no. 27, 1965.
- Table of contents translated:
- Khoroshko, S.T., Durev, V.A. - Current state of the study and determination of the position of the water-oil contact in oil pools. p. 3.
- Zhuravleva, P.I. - Geothermal characteristics of the Kotui-Tope oil field. p. 13.
- Pikatoval, V.P. - Applying certain concepts of mathematical statistics to the study of fluid flow in a nonuniform layer. p. 17.
- Izlyev, R.T. - Equation of the displacement of water-oil interface considering their different viscosities in pattern flooding. p. 23.
- Tabakov, V.P. - Fluid flow toward a vertical fracture. p. 27.
- Tesluk, L., Ostrovskii, I.U.M. - Determining the yield of wells in the presence of caves, and thinning interlayers and screens in bottom zones. p. 31.
- Kulbanov, A.K., Kuramov, I.F. - Effect of the permeability ratio of interlayers on the steadiness of the displacement of water-oil contact in a two layer formation. p. 39.
- Olegov, D.O. - Determining the yield of hydrodynamically imperfect wells. p. 42.
- Shebekov, G.V. - Possibilities of determining the parameters of a nonuniform layer, investigation of the effect of the zonal nonuniformity of porous reservoirs on fluid flow toward wells. p. 48.
- Masliantsev, I.U.V., Sushchev, M.L. - Effect of selective fluid flow in a nonuniform layer on flooding indices. p. 54.
- Belinskii, B.A., Sini, L.L. - Investigating the saturation of a fluid gas system in a porous medium using the ultrasonic method. p. 61.
- Sushchev, M.L. - Effectiveness of the pulse (cyclic) action on a layer in incremental oil production. p. 66.
- Kimenov, O.V., Iudin, G.M. - Field determination of the compressibility factor of the producing layer of the Zhetybay field. p. 73.
- Orlov, L.L., Soltanov, T.A., Morozova, V.T. - Experimental verification of the capillary displacement method for investigating the oil and gas saturation and electrical conductivity of reservoirs. p. 76.
- Kapryin, I.U.V., Trebin, G.F. - Crystallization of paraffins from formation petroleum. p. 79.
- Berman, L.B., Nelman, V.S. - Effect of capillary forces on the electrical parameters of reservoirs. p. 83.
- Novokoschenova, A.P. - Rapid method for determining the water saturation of cores and their recovery. p. 87.
- Kolobov, V.S. - Certain principles for mapping the development of oil pools. p. 90.
- Dorisev, I.U.P., and others. - Efficient distribution of oil production between various points. p. 94.
- Sharipov, A.Kh. - Using a dynamograph for determining the efficiency of a pumpjack. p. 98.
- *ZASHCHITA METALLOV [PROTECTION OF METALS].** Issued by Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research of the U.S.S.R.] and others. Moscow, vol. 1, no. 5, Sep.-Oct. 1965.
- Table of contents translated:
- Kulacheva, V.M., and others. - Electrochemical study of the effect of the content of carbon, titanium, and manganese on the corrosion resistance of chromium-nickel-manganese steels. Part 1: Anodic behavior. p. 465.
- Rozentol'd, I.L., Kramarenko, D.M., Lantsova, E.N. - Electrolytic hydrogen absorption by steel Part 2: Effect of temperature. p. 473.
- Kudriavtsev, V.N., Biniakin, I.U.P., Vagranian, A.T. - Hydrogen absorption by steel during cathodic polarization in acid solutions. p. 477.
- Pchel'nikov, A.P., Losev, V.V. - Formation of monovalent indium during the anodic dissolution of an indium electrode. p. 482.
- Grigor'eva, A.A., Zhuk, N.P., Sergeeva, G.G. - Gas corrosion of austenitic ferritic steels. p. 490.
- Kononov, V.M., Shabatkin, K.N. - Theory of the rubber coating protection of metals from cavitation erosion. p. 494.

- Kharlamova, K. N., Moskhov, M. I., Kudlaytseva, L. V. - Platinization of titanium and tantalum electrodes in amino-nitrite electrolytes. p. 500
- Morogabtern, I. A. L., Vishninskaya, R. M. - Investigating cathodic processes in an alkali palladium plating electrolyte. p. 505.
- Kozlova, G. V., Lainer, V. I. - Electrodeposition of a platinum rhodium alloy from a hydrochloric acid electrolyte. p. 511
- Kvokova, I. M., Lainer, V. I. - Electrodeposition of compact layers of rhodium of considerable thickness. p. 515
- Smagunova, N. A., Gavrilova, I. P. - Investigating the causes of the instability of the electrodeposited gold-copper alloy from a neutral cyanide electrolyte. p. 521.
- Vlagic, I. U. K., Bodnevas, A. I., Matulis, I. U. I. - Certain properties of the electrolytic deposits of nickel and cobalt obtained in the presence of thiourea. p. 525.
- Mechnikova, M. M., Bondar', V. V. - Mechanism of the electrodeposition of a cobalt-phosphorus alloy. p. 530.
- Bondar', V. V., Mechnikova, M. M., Potokarov, I. U. M. - Electrodeposition of magnetically hard Co-Mn-P alloys. p. 534.
- Avramenko, V. I., Popereka, M. I. A. - Internal stresses in chromium plating deposited with application of an alternating current. p. 539
- Popkov, A. P., Sadovskaya, N. P. - Comparative characteristics of the throwing power of zinc plating electrolytes. p. 543.
- Dubavskii, B. G. - Anodic protection of underground structures in soils with a high electric resistance. p. 546.
- Nossel', I. U. I. A., Kuchanov, E. S., Strunskii, M. G. - Calculating the distribution of a protective potential and current on a flat metal surface. p. 551.
- Moskvin, V. M., Alekseev, S. N., Novgorodskii, V. I. - Passivation and the destruction of the passivity of steel reinforcements in concrete. p. 559.
- Volenik, K., and others. - Using cryogenic adsorption to measure surface dimensions of commercial grade metals. p. 565.
- Gorodetskii, I. U. S. - Control of electrolytic baths with the use of oscillographic polarography methods. p. 573.
- Mikhailovskii, I. U. N., Leonov, V. V., Tomashov, N. D. - Measuring the resistance of insulating protective coatings immersed in an electrolyte. p. 577.
- Kravchenko, T. A., Shatalov, A. I. A. - Metal corrosion by nonuniform concentrations of hydrogen peroxide in solutions with a variable pH value. p. 583.
- Skliarov, A. T., Kolotyrkin, I. A. M. - Character of the dependence of the activation energy of inhibitor adsorption and metal ionization on the degree of surface coverage. p. 585
- Archakov, I. U. I. - Protection of metals from the effect of hydrogen. p. 587.
- Agaf, I. A., Levinson, L. M. - Theory of the corrosion deformation of battery grids. p. 590.
- Skritekii, R. R. - Corrosion cracking of heating pipes. p. 593.
- Chikhvadze, E. D. - Titanium corrosion in man-ganese-ammonium sulfate solutions. p. 595.
- Kolotyrkin, I. A. M., and others. - Anodic protection of heat exchangers made of 1Kh18N9T steel in concentrated sulfuric acid at temperatures of 100 - 120°. p. 598.
- Vedenkin, S. G. - Research by the section on metal corrosion reported at the inter-university conference on electrochemistry. p. 601.
- *ZAVODSKAYA LABORATORIA [THE FACTORY LABORATORY]. Organ of Gosudarstvennyi komitet po khimii i isvetnoi metallurgii pri Gosplane SSSR and Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R., and the State Committee for the Coordination of Research in the U.S.S.R.]. Moscow, vol. 31, no. 8, 1965.
- Table of contents translated:
Standard samples and specimens as a means of improving the quality of analysis. p. 615.
Babko, A. K. - Development of analytical chemistry in 1964: a survey. p. 617.
Skobets, E. M., Chernyi, V. A. - Solid-phase reactions in amperometric titration. p. 637.
Ioffe, E. Sh. - Determination of free acid in process solutions of nickel and cobalt salts. p. 639.
Varlamov, M. L., Kordon, I. V. - Conductometric determination of lower concentrations of ammonia in gases. p. 640.
Bazalitskaya, V. S., Dzhamalotdinova, M. K., L'dokova, G. M. - Microdetermination of carbon and hydrogen in compounds of triterpenoid structure. p. 643.
Kats, M. Sh., and others. - Determination of sulfur in carbon ferrochromium. p. 644.
Romanova, V. S., Shishkina, N. I. - Determination of cobalt by the potentiometric method. p. 645.
Tikhonov, V. N. - Determination of iron in magnesium and its alloys. p. 645.
- Mairosova, T. V., Zubkova, Z. A. - Determination of silicon in aluminum alloys and hardeners. p. 645.
- Tshekhovskaya, D. I., Merenkova, B. M. - Spectrophotometric determination of vanadium in titanium tetrachloride. p. 646.
- Kalina, I. U. P., Baburina, V. V. - Determination of indium in process solutions. p. 646.
- Buzanova, M. M., Kurochikina, N. A. - Polarographic determination of aluminum in waste waters. p. 647.
- Luzina, L. N. - Rapid determination of copper in alloys. p. 647.
- Kupershtok, K. I., Perkas, Kh. D., Bulleva, L. G. - Determination of the acidity of pickle baths in the presence of iron. p. 647.
- Khachaturov, A. S. - Properties of high-molecular weight compounds studied by the nuclear magnetic resonance method; a survey. p. 648.
- Popov, A. A., Saprykova, Z. A. - Using the nuclear magnetic relaxation method for the analysis of alloys and electrolytes of electroplating baths. p. 657.
- Savichev, E. I., Shugurov, E. V. - Chemical and spectral method of determining gold in geological samples. p. 659.
- Granovskii, E. I. - Use of the plasma light source for the spectrochemical analysis of mineral raw materials. p. 662.
- Nikitin, F. V. - Rapid determination of the tin and antimony content of ores and of the products of their concentration. p. 668.
- Sukhov, E. F., Bazov, V. P., Kozlova, N. V. - Spectral determination of a relative content of 1,4-cis, 1,4-trans, and 1,2-configurations in polybutadiene samples. p. 668.
- Komlev, L. N. - Determination of zinc in aluminum alloys by means of the PES-1 spectrophotometer. p. 670.
- Zay, E. E., Molin, I. U. N. - Thermostatic control of a sample by means of a high-resolution nuclear magnetic resonance spectrometer. p. 670.
- Vasil'ov, D. M. - Methods for radiographic measurement of stresses. p. 672.
- Fuks, M. I. A., Gladikh, I. I. - Some characteristics of the radiographic method of measurement of elastic stresses. p. 678.
- Vorobiev, G. M. - Comparison of various methods of measuring the textural perfection of cold-rolled transformer steel. p. 683.
- Zav'yalova, L. L., Ivoltov, A. S. - Effect of the size of particles on the results of quantitative X-ray phase analysis. p. 688.
- Lania, V. A. - Separate quantitative X-ray structural analysis of multiphase carbides without isolating them from the steel. p. 688.
- Vigdorovich, V. N. - Microhardness measurement as a method of material testing, review. p. 693.
- Todorov, R. P. - Methods for determining the microhardness of cementite in hypoeutectic white cast-iron. p. 1002.
- Bol'shakina, I. U. S., Grabko, D. Z. - Effect of some factors on the hardness determined by the scratching method. p. 1004.
- Krasanova, M. A., Sklyuev, P. V. - Relation between hardness and ultimate strength of forged steel pieces and castings. p. 1009.
- Kufarev, G. L., Del', G. D., Gol'dshmidt, M. G. - Method for studying plastic deformation by hardness measurement. p. 1011.
- Pivovarov, V. P. - Eliminating distortions of perspective in the photographic recording of deformations. p. 1013.
- Ablava, M. S., Averkin, A. A. - Attachment to a PMT-3 device for the automation of measurements. p. 1015.
- Gershkovich, B. M., Cheplik, N. V., Predtechenskii, M. A. - Device for determining the hardness of plastics by the scratching method. p. 1017.
- Riabchikov, A. V., Sidorov, V. P., Pongil'skii, N. F. - Apparatus for deriving the curves for corrosion stress-rupture strength in water of high parameters for specimens of narrow cross section. p. 1019.
- Lomborg, B. S., and others. - Apparatus for measuring the metal-slag interphase tension at high temperatures. p. 1020.
- Shestakov, V. M., Fatsov, V. A., Serikov, V. K. - Attachment to a loop oscillograph for measuring small shifts. p. 1021.
- Zhirakov, B. M., Laikin, A. I., Protasov, E. A. - Study on permanent magnets. p. 1022.
- Liubimov, A. N., and others. - Method for finding the optimum location for the magnet of a nuclear magnetic resonance spectrometer of high resolving power. p. 1023.
- Kosarev, A. I., and others. - Modification of the loading mechanism for an MP-1200 machine. p. 1025.
- Boitov, V. I. - Experience gained with a modernized MI-1 laboratory-type friction-testing machine. p. 1026.
- Livanov, V. V. - Device for preparing film specimens. p. 1027.
- Galushko, N. P., Gritsan, D. N., Shatrovskii, G. L. - Alteration of the measuring range of a self-recording EPP-09 potentiometer. p. 1027.
- Sidorovich, A. V. - Use of an EPP-09-type potentiometer in recording weak e.m.f.s. p. 1028.
- Vinogradov, A. F., Fedotov, A. V. - Outer indicator for an eight-channel 8AH4-7M amplifier. p. 1028.
- Petrenko, B. I. A., Zherdev, A. M. - Tubes for X-ray spectral analysis of deflection in metals and alloys. p. 1028.
- Stroganov, G. B., Shmel'der, S. A., Entin, L. Kh. - Device for checking the gas saturation of cast aluminum alloys. p. 1030.
- Shagidlan, L. B. - Automatic photometric titrators. p. 1030.

17. MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

- KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoe politicheskoe upravleniye Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 46, no. 16, Aug. 1965.
- Table of contents translated:
Editorial: Reports and elections of party agencies. p. 3.
Rybakov, M. - A great legacy. p. 9.
Mazurek, F. - Always and in everything carry out the statute of the CPSU. p. 19.
Zakharov, S., Bagrov, V. - Victory of the Soviet Armed Forces in the Far East. p. 28.
Marcev, I. - Training of missilemen in the process of military work. p. 36.
Ponozhnikov, I., Maslov, V. - On the path of improving the training of judge advocates. p. 43.
Andrianov, V. - Spiritual word of the commander. p. 47.
Babochanok, P. - In distant units. p. 52.
Takarov, M. - So that there should be no "incur-rible ones." p. 54.
Mamnov, A. - Organization work should be at the level of party demands. p. 57.
Shaturnyi, A. - Be constantly in combat readiness and vigilantly perform your duty. p. 64.
Ivanikhov, I. - Arouse thought, disturb the hearts of people. p. 70.
Shmurakov, V. - Doctrines of aggression and banditry. p. 75.
Free Korea is building a new life. p. 81.
The last possessions of colonizers in Africa. p. 85.

SOVETSKII VOIN [SOVIET SOLDIER]. Issued by Glavnoe politicheskoe upravleniye Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 47, no. 13 (1033), July 1965.

- Table of contents translated:
Kasatonov, V. - Under the flag of the Soviet motherland. p. 1.
Anchar'skaya, N. - Toward a dream. p. 6.
Kron, Aleksandr - Capable of a heroic deed... p. 18.
Turovskii, K. - Meeting with a frontline friend. p. 20.
Shostakov, N., Aksekov, A. - Today on the Red Banner fleets... p. 22.
Rybin, V. - In the "high-frequency current country." p. 20.
Kitsing, Lothar - Visiting companions-in-arms of Doctor Sorge. p. 41.
Igoshin, I. - On partisan paths. p. 42.
Cherikov, A. - When a man is in trouble. p. 42.
Mazur, A. - Athletes haven't disappeared. p. 40.
Maksimov, V. - Underwater navigators. p. 46.

STARSHINA - SERZHANT [NONCOMMISSIONED OFFICER]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, no. 10 (82), Oct. 1965.

VOENNYI VESTNIK [MILITARY REVIEW]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 45, no. 10, Oct. 1965.

b. NAVAL SCIENCE

MORSKOI FLOT [THE MERCHANT MARINE]. Issued by Ministerstvo morskogo flota SSSR [Ministry of the Merchant Marine of the U.S.S.R.]. Moscow, vol. 24, no. 8, Aug. 1964.

- Table of contents translated:
Improve the repair service of the fleet. p. 1.
Fisher, E. - Zealous masters. p. 3.
Strel'tsov, I. - The Nakhodka "hour." p. 4.
Temichev, A. - Visiting the sailors of the fishing fleet. p. 5.
Krutykh, A., Ferapontov, G., Kravchenko, V. - Improve the efficiency of the car exchange pool. p. 6.

- Nesterovskii, B., Rozenfeld, V. - Eliminate the causes of irregular work p. 8
- Tugengol'd, K. - Some problems in organizing combined waterway and railway transport and improving the planning of shipments p. 10
- Tomas, O., Ruschinskii, L. - Consolidate the planning departments, improve the planning p. 11
- Kostylev, G. - Shipping of finely ground bulk cargoes p. 12
- Borchuk, N. - Increase the incentive for the completion of shipping assignments p. 13
- Organize properly the awarding of bonuses for the servicing of ships p. 13
- Prusikov, V., Gavrilov, I. - Possibilities of additional saving p. 14
- Riumin, S. - Unloading tankers at landings lacking unloading equipment p. 14
- Stepanov, A. - Types of ships suitable for the health resort areas of the Black Sea p. 15
- Gusetskii, V. - Sailing directions as the collective work of many generations of navigators p. 16
- Nevolin, T. - Transmission of radio waves selected by the radio communications regulations for the communication service of sailing ships p. 18
- Tarasov, A. - Dip of the visible horizon in the Arctic p. 19
- Lukin, G. - Use of ferric chloride as a scale prevent additive in seawater evaporators p. 21
- Balashov, B., Gerasimov, I., Zakharov, N. - Results of boiler operation on sulfurous mazut with the NP-102 additive of the All-Union Scientific Research Institute of Petroleum and Natural Gas p. 25
- Fain, M. - Operative foundries in shipyards p. 26
- Perel'man, B. - Use of chemicals and a new technology p. 28
- Blagov, V., Kudrets, V. - Marine sanitary-engineering installations from plastics p. 29
- Suvorov, B., Volkov, V. - Amu Darya, the river of friendship p. 30
- Biljanskii, M., Nikushkin, L. - Advanced practices in ports and ship repairing yards p. 31
- Letunov, V. - Awards for the deserving p. 33
- Zylev, B. - The first icebreaker p. 34
- Shul'ga, N. - Repairing cavities in the varying water-level zone of the quay walls in the port of Batum p. 36
- Gordeev, A. - Cargo-passenger liner p. 38
- Sorkin, E. - Building mooring places for large-tonnage tankers p. 39
- Zenevich, G. - From the pages of Polish journals p. 42
- Biehle, M. - New paints for ship bottoms developed in the German Democratic Republic p. 43
- Fahurin, N. - Performance of ships chartered by a Swedish firm p. 45
- Polishchuk, V. - A practical manual p. 46
- Vol. 26, no. 9, Sep. 1965.
- Table of contents translated:
- Improve the technical operation of the fleet p. 1
- Prechenik, E. - Work requited by honorary awards p. 3
- Shovkun, S. - Ways for efficient utilization of the carrying capacity of general cargo ships p. 5
- Leont'ev, V. - Establish a reliable barrier to freight transportation losses p. 7
- Kurbatov, M. - Leasing out Soviet ships p. 9
- D'Isakov, V., Sych, E. - Reduce the delivery costs of canned fruit and vegetables p. 10
- Misan, V., Gordeev, G. - What we have learned from the use of the PTB-1 stowage machines p. 12
- Mar'enko, A. - Appraise properly the crew's work p. 15
- Stepanov, R. - Simplify the corrections of nautical charts and aids on ships p. 16
- Kubachev, N. - Comparative characteristics of the reliability of distant-reading magnetic compasses p. 18
- Veinberg, A. - Standardized anchor chain markings p. 19
- Demlin, I. - Detectability of objects at sea by radar p. 20
- Rusanov, V. - Organizing the work of the navigating officer on the ship p. 22
- Glinzburg, L. - Studying the process of feeding oil to the cylinders of low-speed marine diesel engines p. 24
- Petrov, V., Nechitalenko, P. - Automatic regulation of water and oil temperature in the diesel engine of the tanker "Lishchansk" p. 26
- Garmashev, D. - Improving the operating reliability of propeller shafts on large vessels p. 28
- Aksei'band, A., and others. - Ultrasound in the technology of manufacturing parts of the fuel system p. 30
- Lialzin, G. - Improve the organization of the manufacture of piston rings p. 32
- Mitshenko, G., Grigorenko, A. - On a progressive Sakhalin ship p. 33
- Zykova, O. - A ship's passage and factors determining it p. 34
- Vorobiov, E., Turetskii, V. - Improve the planning of piers equipped with cranes p. 38
- Levnikov, G. - Method of determining the cost of shipping iron ore by sea p. 42

Smirnov, S. - Conference on the promotion of international services of the merchant marine p. 43.

- MORSKOI SBORNIK, zhurnal Voenno-Morskogo Flota Soluzh SSR [NAVAL REVIEW, Magazine of the Soviet Navy]. Vol. 48(118), no. 10, Oct. 1965.
- Table of contents translated
- Under the all-conquering banner of the Great October p. 3
- Bazatov, M.I. - Training future officers in revolutionary and military traditions p. 10
- Firsov, I.V. - Reconnaissance with submarines p. 16
- Nikitin, I.M. - Use of the statistical decision theory for the analysis of combat actions under conditions of uncertainty p. 22
- Maenkov, M.D. - Carefully train and educate young officers p. 30
- Topin, V.I. - Experience in the practical training of students in the final course p. 34
- Shul'zhenko, A.P., Ruban, S.M., Reshetov, I.I. - Improve the tactical training of flight personnel in every way possible p. 36
- Voronenko, O.A., Topol'kov, V.A. - Expansion of the flight conditions of ship helicopters p. 43
- Arslanov, E.A. - Preparation of the torpedo calculations of surface ships p. 47
- Skvortsov, M.I. - Accuracy of dead reckoning and methods of its evaluation p. 48
- Tesenko, N.N. - Errors of distant reading gyroscopic compasses of the "Kurs" and "Girya" type p. 56
- Bolotin, S.A. - Prolonging the time between repairs of a minesweeper p. 62
- Matynov, B.E. - Protective cover of ship equipment p. 64
- Kuichukin, N.V. - Preparation of ships' drinking water systems p. 65
- Iakushin, V.A. - Joining-up of synchronous marine generators to parallel operation p. 70
- Ivanov, B.E. - Calculation of a mean quadratic error by means of a slide rule p. 72
- The Mediterranean Sea, a knot of imperialist contradictions p. 71
- Korshunov, I.U. - Use of trainers for training the personnel of antisubmarine forces p. 78
- Kolosov, G.I. - From "Polaris" to "Poseidon" p. 83
- Course of study of the ALGOL language, conclusion p. 85
- RECHNOI TRANSPORT [INLAND WATER TRANSPORTATION]. Issued by Ministerstvo rechnogo flota [Ministry of the River Fleet] Moscow, vol. 21, no. 8, Aug. 1962.
- Table of contents translated:
- For well-organized preparation and repair of ships in 1962-1963 p. 1
- Realization of the shipping plan in July 1962 p. 3
- Gor'kov, N., Shchepetov, I. - The shipmaster can raise the operational level of the fleet p. 4
- Semenov, N. - We shall achieve our goals as planned p. 7
- Makholkin, N. - Achieve maximum development of combined waterway and railroad transportation p. 9
- Gubinskii, V. - Efficiency of current wage systems at the industrial enterprises of the Ministry of the River Fleet p. 10
- Slavtcheva, L. - Economically efficient work in ports p. 12
- Emel'yanov, K. - The small rivers in the service of the seven-year plan p. 13
- Niurkin, I. - Improve the technology of stowage and the removal of the residues of bulk cargoes p. 14
- Agranovskii, I.U., Vir'ianskii, Z. - New system of controlling the mechanisms of portal and floating electric cranes p. 15
- Alekseev, A., Moskalenko, P. - Modernizing the torsion arresting mechanisms of grabbing cranes p. 17
- Kamenskii, S. - On a voluntary basis p. 18
- Lopyrev, N. - Present state of the modernization of the ship repairing industry p. 21
- Polinakov, I.U. - Operation of main engines on the "Raketa" and "Meteor" type motor ships p. 24
- Sizov, G., Rabot, M., Usachev, V. - The PNR-800/50 immersion pump p. 25
- Bogomolov, D. - Improving and simplifying the methods of planning ship repair p. 26
- Bespalov, N. - Standardization of the fuel system of ship diesel engines p. 27
- Chmshkian, V. - The Lenin Canal is ten years old p. 28
- Sadovskii, G. - Selection of the lock type and the arrangement of hydroelectric power centers p. 31
- Burov, I. - Problems in designing river stations p. 34
- Kapello, I. - New wall design of the lock chamber at the "Trudkommuna" hydroelectric power center p. 36
- Shinagin, N. - Use of parasitic radar reflectors p. 37
- Bredun, I. - New construction of the turning mechanism of "Ganta"-type cranes p. 38

- Toront'ev, M., Bolov, A. - Electric vulcanization of sheathed electric cables of various diameters p. 39
- Klitschenko, I. - Use of plastic materials in mounting ship mechanisms on foundations p. 40
- Tolmachev, A. - The motor ship "Maaik" p. 40
- Rad'ko, P. - Device for cleaning the rack of the suction pipe of the dredge p. 41
- Amusin, M. - Rivercraft sails the Arctic Ocean p. 43
- El'fimov, A. - Prevent the wreck of rafts in reservoirs p. 45
- Kurnetsov, I. - Pay more attention to the saving of fuel p. 46
- Mironov, P. - Make proper allowances for angular and cross currents p. 46
- Teplakov, A. - Branches of the Central House of Technology of the Ministry of the River Fleet p. 46
- In the Board of the Ministry of the River Fleet p. 48
- In the Technical Council of the Ministry of the River Fleet p. 48
- Rozhbaev, V. - Scientific and technical conference in Leningrad p. 49
- Nesteruk, F.A. - Water resources of free Cuba p. 50
- Teptsov, V. - Petroleum transportation on the inland waterways of the United States p. 52
- Vol. 24, no. 5, 1965.
- Table of contents translated:
- The great victory p. 1
- Heroes of the Soviet Union among the workers of the river fleet p. 4
- River transportation workers of the Moscow area in the defense of the capital p. 6
- Viktorov, S. - A special assignment p. 7
- Danilichev, S.V. - On Lake Ladoga p. 8
- Naumenko, T. - At the cost of one's life p. 9
- In the great battle on the Volga p. 10
- Rusakov, Z.G. - The road of life p. 12
- Emel'yanov, K. - They were called river sentries p. 12
- Zaslavskii, N. - Underground plant p. 14
- Vakhtinov, A., Maksimovych, M. - Improve the organization of the movement of goods p. 16
- Ivanov, P. - Change the system of shipping goods to the Yakut A.S.S.R. p. 19
- Ilichev, L. - Develop combined waterway and railroad transportation p. 20
- Barakin, A., Novikov, V. - Planning and evaluating the operation of transport ships p. 22
- Esin, V. - Shipping crude petroleum with the aid of pusher tugs p. 24
- Slupchuk, A. - Organizing the operation of a crewless nonautomotive fleet p. 26
- Kleimenov, A. - Automating the setting of tickets p. 27
- Sukhonin, E. - Planning of the shipping routes for combined waterway and railroad transportation of goods and a coordinated schedule p. 29
- Vatrukhin, A. - Modernizing the electric system of steering gear on ships p. 30
- Zakharov, I.U. - A new river refrigerator ship p. 31
- Iashkov, I.U. - Capron in the parts of paddle wheels subjected to friction p. 33
- Kudlakov, I.A. - Technical servicing of ships p. 33
- Semenov, A. - Construction of a bottled crossing on railroads servicing building slips and cranes p. 34
- Nikitenko, B. - Floating exhibition of the river fleet p. 35
- Semochkin, K. - Thermotechnical control on steamboats and motor ships performed by the crew p. 36
- Lekhtsier, A. - A new cargo motor ship for the Yenisey River p. 37
- Poslavskii, D. - Comprehensive utilization of the Yenisey and Angara Rivers p. 39
- Lisovskii, P. - Use of the PR-27 electronic simulating device in the calculation of depth changes p. 41
- Davidenko, A. - Operation of the Dneprov locks p. 43
- Raluk, V. - Computing the soil pressure on a retaining wall p. 46
- Gillarov, N. - Exploring the lower reaches and estuaries of the northern and Siberian rivers p. 50
- Fufaev, I. - Changing over from acetylene to electric lighting p. 51
- Denisov, K. - Orientation method for ships sailing on rivers with steep and precipitous banks p. 52
- Komlasarov, N. - Trial voyage of the motor ship "Volgo-Don" on the Volga-Baltic Sea Waterway p. 54
- Vol. 24, no. 8, 1965.
- Table of contents translated:
- Organize timely transportation of the new grain crop p. 1
- Outlook for the technical progress of river transportation p. 2
- Arof'ev, B. - Contribution of the scientists of the Institute to river transportation p. 5
- Uspenskii, V. - The White Sea-Omega Steamship Company is 25 years old p. 7

- Korotkov, K. - Results of the first navigation period on the Volga River. p. 10.
- Sennikov, A. - We are realizing the decisions of the operational conference. p. 12.
- Botonogov, A. - In the struggle for the realization of the seven-year plan. p. 13.
- Medvedev, S., Suklov, N. - New shipping schedule of the Ilysh Steamship Company. p. 15.
- Elentsvaig, T., Shelegov, V. - We are working in close cooperation. p. 16.
- Kupchik, I. - In the port of Tyumen'. p. 17.
- Khapov, A. - Our practices in pushing barges with crude petroleum. p. 18.
- Novolin, V. - Effectiveness of shipping petroleum by direct river-sea communication. p. 19.
- Gleizer, A. - Ways of developing new lines for the movement of goods in combined waterway and railroad transportation. p. 20.
- Barisov, I., and others. - Durable rafts for the Volga-Baltic Sea Waterway. p. 22.
- Petov, M. - Extending the service life of parts of crane mechanisms. p. 23.
- Simushkovich, E., Kusilin, V. - Turn out stems meeting higher standards. p. 20.
- Aleksandrov, A., Kivalkhi, E. - Prevent the overloading of main diesels. p. 28.
- Diadetski, G., Moldavskii, I. - Reconstruction of platform vessels into hatch-type vessels. p. 29.
- Storozhaev, V. - Oil change criteria for diesels. p. 30.
- Madoskii, G. - A 300-400 hp. catamaran tugboat. p. 33.
- Vlasov, A. - Improving the dredging and maintenance fleet. p. 35.
- Statkov, A. - What the tests of river dredges show. p. 39.
- Gokhshtein, A., Zernov, D. - Determining the permissible speeds of vessels in canals. p. 41.
- Kots, A. - Construction of the inclined part of the slip from precast reinforced concrete on a vibrated sand foundation. p. 43.
- Piotko, G. - Automation of navigation in river transportation. p. 46.
- Brinkov, A., Tendler, V. - The RBP-1, 4-50 type river buoy. p. 49.
- Dunaev, M., Orlov, I. - Specialization of ports on the Amur River. p. 50.
- Kamenskii, S. - All-Union volunteer inspection. p. 51.
- Ivanov, R., Enshina, G. - Regulation of the movement of vessels on the lock-equipped waterways of France. p. 52.
- Agranat, G. - Some trends in the development of river transportation in the United States and the Federal Republic of Germany. p. 52.
- REFERATIVNYI ZHURNAL, VODNYI TRANSPORT**
[JOURNAL OF ABSTRACTS WATER TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 8, Sep. 1965. [This journal is also issued in parts.]
- SUDOSTROENIE [SHIPBUILDING]**. Organ of Ministerstvo sudostroitel'noi promyshlennosti SSSR and Nauchno-ekhnicheskoe obshchestvo sudostroitel'noi promyshlennosti [Ministry of the Shipbuilding Industry of the U.S.S.R. and the Scientific Technological Society of the Shipbuilding Industry]. Leningrad, vol. 30, no. 7 (281), July 1964.
- Table of contents translated.
- Shkol'nikov, G. V. - The excursion catamaran "Odydi." p. 1.
- Madoskii, G. S., Shkol'nikov, G. V. - Design and construction of catamarans. p. 5.
- Voevodskaya, E. N. - Evaluating the propelling characteristics of catamarans. p. 6.
- Dubovskii, V. A. - Propelling efficiency of catamarans. p. 8.
- Prontikov, A. V. - Determining the Admiralty coefficients at the initial stages of ship design. p. 9.
- Atlashkov, L. S. - Effect of the channel on the towing resistance of the model. p. 13.
- Rlabov, L. I., Rzhinashvili, G. M. - Change of stresses in the elements of the frame due to waves. p. 14.
- Rubinshtein, B. I. - Calculation of deck strength by the use of electronic computers. p. 17.
- Khordas, G. S. - Refrigerating machinery on the new "Sibir"-type transport refrigerator ships. p. 20.
- Stefanovich, V. V. - Determining the length of ribbands insulating the pillars of refrigerated hatches. p. 26.
- Vorob'ev, V. N., Turlakov, A. S. - Studying the in-tercoil pulsation in single-pass marine boilers. p. 28.
- Lukin, G. I. A. - Evaporator-economizer for refrigerator ships. p. 31.
- Petrova, O. V. - Acoustic calculation of the exhaust tract of a marine internal combustion engine. p. 33.
- Nilsal, V. E., Rassokhin, A. V. - Possibility of the use of brushless generators in the electric propulsion system. p. 35.
- Mirokhin, B. V. - Comparing the hulls of the Star-class yachts. p. 40.
- Litvin, A. B. - Construction of collapsible supports for the redistribution of the reactions of the building slip and the dock and the materials for their construction. p. 43.
- Skifarov, E. I. - Constant wholesale prices and work indices of a shipyard. p. 46.
- Korshunov, I. U. M. - Repairing the receiving nozzle of the relay amplifier of a regulator. p. 50.
- Korshunov, I. U. M. - Device for machining valve seats. p. 51.
- Ovchinnikov, I. N. - Electromagnetic device for lining up the edges of sheets for welding. p. 52.
- Kirichenko, K. G. - New equipment. p. 52.
- Balabaev, G. M., and others. - Negative effect of the soldering of liners on the corrosion and fatigue strength of tail shafts. p. 54.
- Leningrad shipbuilders are carrying out the decisions of the December Plenum (1963) of the Central Committee of the CPSU. p. 55.
- Emiliev, A. N. - Work practices of the volunteer design bureau of the State Institute for the Design and Planning of the Fishery Fleet. p. 57.
- Dol'mitsin, P. K. - Construction of trawlers abroad. p. 60.
- Ivanov, V. M., Shpakov, V. S. - Studying the seaworthiness and strength of catamarans. p. 63.
- Ships built in England. p. 65.
- Ships built in Italy. p. 68.
- Ships built in Japan. p. 69.
- Evteev, V. P. - Consolidated design of the electronic equipment of ships. p. 70.
- Zaitsev, I. A. - Industry-wide all-Union conference on diesel manufacture. p. 75.
- Conference on the state and further development of research, design and the technology of the construction of reinforced concrete ships. p. 76.
- Bystevskii, L. M. - Use of electronic computers in shipbuilding. p. 76.
- Glushchenko, G. T. - Second plenum of the Central Administration of the A. N. Kiylov Scientific Technological Society of the Shipbuilding Industry. p. 76.
- No. 8, Aug. 1965.
- Table of contents translated.
- Rumynskii, O. A. - A port ice-breaking ferry. p. 3.
- Kozlov, V. V. - Ensuring the overall strength of floating docks in ocean towing. p. 7.
- Shaklov, A. P. - Reinforced concrete livecraft and floating structures. p. 12.
- Minenok, P. M. - Pusher tugs for the Danube River. p. 13.
- Zaitsev, A. I. - Fishing boats built in the German Democratic Republic. p. 16.
- Sukhalov, I. N. - Apparatus for underwater explorations. p. 18.
- Submarine laboratories. p. 18.
- Biskup, P. K. - Formulas for studying the free flow of compressed gas from transport cylinders into ship cylinders. p. 21.
- Iudovin, B. S. - Some characteristics of an outlook for the development of the power plants of ice-breakers. p. 25.
- Birluk, V. S. - Air conduits of a boiler. p. 29.
- Zhiglav, L. G., Stadkov, F. P. - Conditions for parallel operation of automated auxiliary boilers of ships. p. 31.
- Potapov, A. I. - Results of testing a double-impulse control system of marine gas turbine generators. p. 34.
- Automation of the power plant on the cargo liner "American Racer." p. 36.
- Remote control of engines. p. 37.
- Principal requirements of a self-recording apparatus used in maneuvering the ship. p. 38.
- Il'asov, V. A., Il'in, G. P., Makalnov, I. U. I. - Direct phase compounding system using a p-n-p-n device. p. 40.
- Bartenev, V. D. - Some problems arising in connection with the use of synthetic materials in shipbuilding. p. 43.
- Chechetnikskii, I. A. I. - Selecting an economically expedient technological process for machining the parts of marine engines. p. 46.
- Aronavitsky, V. N. - Technical and economic evaluation of building methods and the constructions of large glass reinforced plastic objects. p. 51.
- Chelnokov, A. M., Karovskii, V. N. - Planning the execution of shipbuilding orders at a shipyard with the aid of electronic computers. p. 53.
- Lakiza, R. I., Pevzner, N. L., Ugnich, L. M. - Repairing main and auxiliary diesel generators of whalers by replacing parts. p. 58.
- New devices and instruments. p. 61.
- Mikarev, N. A. - Launch for salvage ships. p. 66.
- Dory-type boats on the ships of the German Democratic Republic. p. 68.
- At the Baltic Shipyard. p. 71.
- Zaitsev, I. A. - Conference of diesel builders. p. 72.
- Pay special attention to the reliability of piping. p. 73.

PART C

List of Periodicals Indexed and Abbreviations Used

† Titles listed for the first time

| | | | |
|--|--|-----------------------------------|---|
| Agitator (6) | Agitator [Agitator] | Den, i kred. (5c) | Den'gi i kredit [Money and Credit] |
| Agrobiologiya (15a) | Agrobiologiya [Agrobiology] | Dif. urav. (13e) | Differentsial'nye uravneniya [Differential Equations] |
| Agrokhiimiya (15a) | Agrokhiimiya [Agrochemistry] | Disk. anal. (13e) | Diskretnyi analiz [Discrete Analysis] |
| Antibiotiki (14f) | Antibiotiki [Antibiotics] | Dokl. AN Azerb. SSR (13a) | Akademii nauk Azerbaidzhanskoi SSR, Bak. Doklady [Academy of Sciences of the Azerbaijan S.S.R. Reports] |
| Arkh. anat., gist. i embr. (13c) | Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology] | Dokl. AN BSSR (13a) | Akademii nauk BSSR, Minsk. Doklady [Academy of Sciences of the White Russian S.S.R. Reports] |
| Arkhitekt. SSSR (10b) | Arkhitektura SSSR [Architecture of the U. S. S. R.] | Dokl. AN SSSR (13a) | Akademii nauk SSSR. Doklady [Academy of Sciences of the U. S. S. R. Reports] |
| Atom. energ. (10e) | Atomnaya energiya [Atomic Energy] | Dokl. Akad. sel'khoz. nauk (15a) | Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. I. V. Lenina. Doklady [All-Union Lenin Academy of Agricultural Sciences. Reports] |
| Avi. prom. (10g) | Avtomobil'naya promyshlennost' [Automobile Industry] | Dokl. LPI (16a) | L'vov. Politekhicheskii institut. Doklady [Polytechnic Institute. Reports] |
| Avi. transp. (10g) | Avtomobil'nyi transport [Automotive Transportation] | Dop. AN URSSR (13a) | Akademii nauk URSSR, Kiev. Dopovidi [Academy of Sciences of the Ukrainian S. S. R. Reports] |
| Avtom., telemekh. i svyaz' (10e) | Avtomatika, telemekhanika i svyaz' [Automatic Control, Remote Control, and Communications] | Doshk. vosp. (8a) | Doshkol'noye vospitaniye [Preschool Education] |
| Avtometr. (16g) | Avtometriya [Autometry] | Ekonom. i mat. metod. (5b) | Ekonomika i matematicheskiye metody [Economics and Mathematical Methods] |
| Azi. i Afr. seg. (1b) | Aziya i Afrika segodnya [Asia and Africa Today] | Ekonom. Rad. Ukr. (5b) | Ekonomika Radians'koi Ukrainy [Economics of the Soviet Ukraine] |
| Azerb. med. zhur. (14a) | Azerbajchan tibb zhurnaly. Azerbaidzhanskii meditsinskii zhurnal [Azerbaijan Medical Journal] | Ekonom. sel'khoz. (5b) | Ekonomika sel'skogo khozyaystva [Economics of Agriculture] |
| BIKI [Prilozh.] (5a) | Biulleten' inostrannoi kommercheskoi informatsii; prilozhenie [Bulletin of Foreign Commercial Information, Supplement] | Eksp. i proekt. (10b) | Eksploatatsionnoye proektirovaniye [Experimental Design] |
| Bet. i zhelezob. bet. (10d) | Beton i zhelezobeton [Concrete and Reinforced Concrete] | Elek. i topl. tsiaga (10g) | Elektricheskaya i toplivnaya tsiaga [Electric and Diesel Locomotive Traction] |
| Bibliot. bibl. inform. (2a) | Akademii nauk SSSR. Sektor sel'skospetsial'nykh bibliotek. Biblioteko-bibliograficheskaya informatsiya [Academy of Sciences of the U. S. S. R. Sector of Special Libraries Library and Bibliographical Information] | Elek. stan. (16e) | Elektricheskiye stantsii [Electric Power Stations] |
| Bibliotekar' (2b) | Bibliotekar' [The Librarian] | Elektricheskoye (16e) | Elektricheskoye [Electricity] |
| Bibliotekoved. i bibl. (2b) | Bibliotekovedeniye i bibliografiya; ukazatel' literatury [Library Science and Bibliography, an Index to the Literature] | Elektrokhim. (13d) | Elektrokhiimiya [Electrochemistry] |
| Biul. eksp. biol. i med. (14a) | Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine] | Elektrosvyaz' (16e) | Elektrosvyaz' [Telecommunication] |
| Biul. Glav. bot. sada (13c) | Moscow. Glavnyi botanicheskii sad. Biulleten' [Main Botanical Garden. Bulletin] | Elektrotekh. (16e) | Elektrotekhnika [Electrical Engineering] |
| Biul. Inst. teor. astron. (13b) | Akademii nauk SSSR. Institut teoreticheskoi astronomii. Biulleten' [Academy of Sciences of the U. S. S. R. Institute of Theoretical Astronomy. Bulletin] | Energ. i elektrotekh. prom. (10e) | Energofizika i elektrotekhnicheskaya promyshlennost' [Power Engineering and the Electric Equipment Industry] |
| Biul. Ispol. kom. Mosk. gor. sov. (6) | Moscow. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin] | Energetik (10e) | Energetika [Electric Power Technician] |
| Biul. izobr. i tov. znak. (10a) | Biulleten' izobretenii i tovarnykh znakov [Bulletin on Inventions and Trademarks] | Ent. oboz. (13c) | Entomologicheskoye obozreniye [Entomological Review] |
| Biul. Min. vys. i sred. spets. obr. SSSR (8a) | Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Biulleten' [Ministry of Higher and Secondary Specialized Education. Bulletin] | Ferm. i spirt. prom. (10e) | Fermentatsionnaya i spirtovaya promyshlennost' [Fermentation and Distilling Industry] |
| Biul. MOIP. Old. biol. (13c) | Moskovskoye obshchestvo ispytatelei prirody. Biulleten'. Otdel biologicheskii [Moscow Naturalists' Society. Bulletin. Biological Section] | Fin. SSSR (5c) | Finansy SSSR [Finance of the U. S. S. R.] |
| Biul. MOIP. Old. geol. (12c) | Moskovskoye obshchestvo ispytatelei prirody. Biulleten'. Otdel geologicheskii [Moscow Naturalists' Society. Bulletin. Geological Section] | Fiz. met. i metalloved. (10h) | Fizika metallov i metallovedeniye [The Physics of Metals and Metallography] |
| Biul. tekhn. - ekon. inform. Gos. nauch. - issl. inst. nauch. i tekhn. inform. (10a) | Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut nauchnoi i tekhnicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii [State Scientific Research Institute for Scientific and Technical Information. Bulletin of Technical and Economic Information] | Fiz. tver. tela (13f) | Fizika tverdogo tela [Solid State Physics] |
| Biul. Verkh. Suda (7) | Russia (1923- U. S. S. R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin] | Fiziol. zhur. (13c) | Fiziologicheskii zhurnal SSSR [Physiological Journal of the U. S. S. R.] |
| Biul. Verkh. Suda RSFSR (7) | Russia (1917- R. S. F. S. R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin] | Fiziol. zhur. [Ukr.] (13e) | Fiziologicheskii zhurnal [Physiological Journal] |
| Bukh. uch. (5a) | Bukhgalterskii uch. [Accounting] | Gaz. delo (10h) | Gazovoye delo [Gas Industry] |
| Bum. i dor. prom. (10f) | Bumazhnaya i derevoobrabatываushchaya promyshlennost' [Paper and Woodworking Industry] | Gaz. prom. (10e) | Gazovaya promyshlennost' [Gas Industry] |
| | | Geod. i kart. (16a) | Geodeziya i kartografiya [Geodesy and Cartography] |
| | | Geofiz. prib. (12c) | Geofizicheskoye priborostroyeniye [Design of Geophysical Instruments] |
| | | Geokhiimiya (12c) | Geokhiimiya [Geochemistry] |
| | | Geol. i geofiz. (12e) | Geologiya i geofizika [Geology and Geophysics] |
| | | Geol. nef. i gaza (10h) | Geologiya nef. i gaza [The Geology of Petroleum and Gas] |

| | | | |
|--|---|---|---|
| Gidroliz. i lesokhim. prom. (16c) | Gidrolizatsiya i lesokhimicheskaya promyshlennost' [Hydrolysis and Wood Chemistry Industry] | Izv. AN SSSR. Ser. lit. i yez. (11b) | Akademii nauk SSSR. Izvestiya. Seriya literaturny i yazyka [Academy of Sciences of the U.S.S.R. Bulletin. Series in Literature and Language] |
| Gor. zhur. (16h) | Gornyy zhurnal [Mining Journal] | Izv. AN SSSR Ser. mat. (13e) | Akademii nauk SSSR. Izvestiya. Seriya matematicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Mathematical Series] |
| IAd. fiz. (13f) | Ladernaya fizika. Journal of Nuclear Physics | Izv. AN Turk. SSR Ser. biol. nauk (13c) | Akademii nauk Turkmenstani SSR, Ashkhabad. Izvestiya. Seriya biologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Biological Sciences] |
| Inform. biul. Sov. antark. eksp. (1a) | Sovetskaya antarktikicheskaya ekspeditsiya, 1955-1958. Informatsionnyy bulleten' [Soviet Antarctic Expedition, 1955-1958. Information Bulletin] | Izv. AN Turk. SSR. Ser. obshchestv. nauk (1a) | Akademii nauk Turkmenstani SSR, Ashkhabad. Izvestiya. Seriya obshchestvennykh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Social Sciences] |
| Inform. biul. VDNKH (16a) | Moscow. Vystavka dostizheniy narodnogo khozaystva SSSR. Informatsionnyy bulleten' [Exhibition of Achievements of the National Economy of the U.S.S.R. Information Bulletin] | Izv. AN Uz. SSR. Ser. fiz. - mat. nauk (13f) | Akademii nauk Uzbekskoi SSR, Tashkent. Izvestiya. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin. Series in the Physical and Mathematical Sciences] |
| Inform. sbor. TSNIMF. Mor. pravo i prakt. (7) | Leningrad. Tsentral'nyi nauchno-issledovatel'skiy institut morskogo flota. Informatsionnyy sbornik. Morskoe pravo i praktika [Central Scientific Research Institute of the Merchant Marine. Information Bulletin. Maritime Law and Practice] | Izv. DGI (16h) | Dnepropetrovsk. Dnepropetrovskiy gornyy institut. Izvestiya [Dnepropetrovsk Mining Institute. Bulletin] |
| Inform. ukaz. bibl. spis. i kart. (2a) | Informatsionnyy ukazatel' bibliograficheskikh spisokov i kartotek, sostavlyennykh bibliotekami Sovetskogo Soюза [Information Index of Bibliographical Lists and Card Files. Compiled by the Libraries of the Soviet Union] | Izv. LETI (10e) | Leningrad. Elektrotekhnicheskii institut. Izvestiya [Institute of Electrical Engineering. Bulletin] |
| Inzh. - fiz. zhur. (16a) | Inzhenerno-fizicheskii zhurnal [Journal of Engineering Physics] | Izv. NIPT (16e) | Nauchno-issledovatel'skiy institut postolannogo toka. Izvestiya [Direct Current Scientific Research Institute. Bulletin] |
| Inzh. zhur. (16g) | Inzhenernyi zhurnal [Engineering Journal] | Izv. Omsk. otd. Geog. ob-va (12b) | Geograficheskoe obshchestvo SSSR. Omskiy otdel. Izvestiya [Geographic Society of the U.S.S.R. Omsk Branch. Bulletin] |
| Ispol' gaza v nat. khoz. (16c) | Saratov. Gosudarstvennyi nauchno-issledovatel'skiy i projektiruyemyy institut po ispol'zovaniyu gaza v narodnom khozaystve "Gipronigaz". Ispol'zovanie gaza v narodnom khozaystve, sbornik nauchnykh rabot [State Scientific Research and Design Institute for the Utilization of Gas in the National Economy "Gipronigaz". Utilization of Gas in the National Economy. Papers] | Izv. SO AN SSSR. Ser. biol. - med. nauk (13c) | Akademii nauk SSSR. Sibirskoe otdeleniye. Izvestiya. Seriya biologo-meditsinskikh nauk [Academy of Sciences of the U.S.S.R. Siberian Department. Bulletin. Series in the Biological and Medical Sciences] |
| Issl. fauny mor. (13c) | Issledovaniya fauny morei [Explorations of the Fauna of the Seas] | Izv. TPI (16a) | Tomsk. Politehnicheskii institut imeni Kirova. Izvestiya [Kirov Polytechnic Institute. Bulletin] |
| Izm. tekhn. (16a) | Izmeritel'naya tekhnika [Measurement Techniques] | Izv. TSKHA (16a) | Moscow. Moskovskaya sel'skokhozyaystvennaya akademiya im. Timiriazeva. Izvestiya [Timiriazev Agricultural Academy of Moscow. Bulletin] |
| Izobr. i rats. (16a) | Izobretatel' i ratsionalizator [Inventor and Efficiency Promoter] | Izv. vys. ucheb. zav. i av. tekhn. (16b) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy, avialionnaya tekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Aviation Engineering] |
| Izv. AN Arm. SSR Biol. nauki (13c) | Akademii nauk Armanianskoi SSR, Eriyan. Izvestiya. Biologicheskii nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Biological Sciences] | Izv. vys. ucheb. zav. i chern. met. (16h) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy, chernaya metallurgiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy] |
| Izv. AN Arm. SSR. Nauki o zem. (12c) | Akademii nauk Armanianskoi SSR, Eriyan. Izvestiya. Nauki o zemle [Academy of Sciences of the Armenian S.S.R. Bulletin. Earth Sciences] | Izv. vys. ucheb. zav. i energ. (16e) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy, energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Power Engineering] |
| Izv. AN Arm. SSR. Ser. fiz. - mat. nauk (13a) | Akademii nauk Armanianskoi SSR, Eriyan. Izvestiya. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin. Series in the Physical and Mathematical Sciences] | Izv. vys. ucheb. zav. i fiz. (13f) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy, fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Physics] |
| Izv. AN Azerb. SSR Ser. geol. - geog. nauk (12c) | Akademii nauk Azerbaidzhanskoi SSR, Baku. Izvestiya. Seriya geologo-geograficheskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Geological and Geographical Sciences] | Izv. vys. ucheb. zav. i geol. i razv. (16h) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy, geologiya i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geology and Prospecting] |
| Izv. AN Azerb. SSR. Ser. obshchestv. nauk (1a) | Akademii nauk Azerbaidzhanskoi SSR, Baku. Izvestiya. Seriya obshchestvennykh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Social Sciences] | Izv. vys. ucheb. zav. i gor. zhur. (16h) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy, gornyy zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mining Journal] |
| Izv. AN Kazakh. SSR. Ser. biol. nauk (13c) | Akademii nauk Kazakhskoi SSR, Alma-Ata. Izvestiya. Seriya biologicheskikh nauk [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in the Biological Sciences] | Izv. vys. ucheb. zav. i mat. (13e) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy, matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mathematics] |
| Izv. AN Kazakh. SSR. Ser. geol. (12c) | Akademii nauk Kazakhskoi SSR, Alma-Ata. Izvestiya. Seriya geologicheskaya [Academy of Sciences of the Kazakh S.S.R. Bulletin. Geological Series] | Izv. fys. ucheb. zav. i radiofiz. (13f) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy, radiofizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Physics] |
| Izv. AN Kazakh. SSR. Ser. khim. nauk (13d) | Akademii nauk Kazakhskoi SSR, Alma-Ata. Izvestiya. Seriya khimicheskikh nauk [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in the Chemical Sciences] | Izv. vys. ucheb. zav. i stroi. i arkhitekt. (10b) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy, stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Engineering] |
| Izv. AN Kazakh. SSR. Ser. obshchestv. nauk (1a) | Akademii nauk Kazakhskoi SSR, Alma-Ata. Izvestiya. Seriya obshchestvennykh nauk [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in the Social Sciences] | Izv. vys. ucheb. zav. i tekhn. log. prom. (16f) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy, tekhnologiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of Light Industry] |
| Izv. AN SSSR. Fiz. i okean. (13f) | Akademii nauk SSSR. Izvestiya. Fizika atmosfery i okeana [Academy of Sciences of the U.S.S.R. Bulletin. Atmospheric and Oceanic Physics] | Izv. vys. ucheb. zav. i tekhn. tekst. prom. (16f) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy, tekhnologiya tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of the Textile Industry] |
| Izv. AN SSSR. Neorg. mat. (13d) | Akademii nauk SSSR. Izvestiya. Neorganicheskie materialy [Academy of Sciences of the U.S.S.R. Bulletin. Inorganic Materials] | | |
| Izv. AN SSSR. Ser. biol. (13c) | Akademii nauk SSSR. Izvestiya. Seriya biologicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Biological Series] | | |
| Izv. AN SSSR. Ser. fiz. (13f) | Akademii nauk SSSR. Izvestiya. Seriya fizicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series] | | |
| Izv. AN SSSR. Ser. geol. (12c) | Akademii nauk SSSR. Izvestiya. Seriya geologicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Geological Series] | | |
| Izv. AN SSSR. Ser. khim. (13d) | Akademii nauk SSSR. Izvestiya. Seriya khimicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Chemical Series] | | |

| | | | |
|---|--|---|---|
| Izv. vys. ucheb. zav. i svet. met. (16h) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zaedeni, i svetnala metallurgii [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Nonferrous Metallurgy] | Metalloved. i term. obr. met. (16h) | Metallvedenie i termicheskaya obrabotka metall. [Metals and Heat Treatment of Metals] |
| Kauch. i rez. (16c) | Kauchuk i rezina [Crude and Vulcanized Rubber] | Metallurg (16h) | Metallurg [Metallurgist] |
| Khar. prom (16f) | Kharchova promyslovost' [Food Industry] | Meteor. i gidrol. (13f) | Meteorologiya i gidrologiya [Meteorology and Hydrology] |
| Khim. i tekhn. gor. slani. i prod. ikh perer. (16c) | Eesti NSV Polakivi Uurimise Instituut. Khimilia i tehnologilia goruchikh slantsay i produktov ikh pererabotki [Shale Research Institute of the Estonian S.S.R. Chemistry and Technology of Combustible Shales and Their Products] | Mezhdunar. zhizn' (6) | Mezhdunarodnaya zhizn' [International Life] |
| Khim. i tekhn. topl. i masel (16c) | Khimilia i tekhnologilia topliv i masel [Chemistry and Technology of Fuel and Oil] | Min. i geokhim (12c) | Minerologiya i geokhimiya [Mineralogy and Geochemistry] |
| Inform. Inform. (13d) | Khimicheskaya informatsiya, sistemacheskii ukazatel' statei v inostrannykh zhurnalakh [Chemical Information, Classified Index of Articles in Foreign Periodicals] | Mir. ekon. i mezhdunar. otn. (5b) | Mirovaya ekonomika i mezhdunarodnye otnosheniya [World Economics and International Relations] |
| Khim. mashinost. (16c) | Khimicheskoe mashinostroyeniye [Chemical Machinery Manufacture] | Mol. komm. (6) | Molodoi kommunist [The Young Communist] |
| Khim. prom. (16c) | Khimicheskaya promyshlennost' [Chemical Industries] | Mont. i spets. rab. v stroit. (16d) | Montazhnye i spetsializatsionnye raboty v stroitel'stve [Assembly and Specialized Operations in Construction] |
| Khim. v sel' khoz. (15a) | Khimiya v sel'skom khoziaistve [Chemistry in Agriculture] | Mor. flot (17b) | Morskoi flot [The Merchant Marine] |
| Khleb. i kond. prom. (16f) | Khlebopekarskaya i konditerskaya promyshlennost' [Baking and Confectionery Industry] | Mor. sbor. (17b) | Morskoi sbornik, zhurnal Voenno-Morskogo Flota SSSR [Naval Review; Magazine of the Soviet Navy] |
| Khol. tekhn. (16c) | Kholodil'naya tekhnika [Refrigeration Engineering] | NTI (16a) | Moscow. Vsesoyuznyi institut nauchnoi i tekhnicheskoi informatsii. Nauchno-tekhnicheskaya informatsiya [All-Union Institute of Scientific and Technical Information. Scientific and Technical Information] |
| Khol. tekhn. i tekhn. (16c) | Kholodil'naya tekhnika i tekhnologilia [Refrigeration Equipment and Technology] | Nach. shkola (8a) | Nachal'naya shkola [Primary School] |
| Kin. i kat. (13d) | Kinetika i kataliz [Kinetics and Catalysis] | Nar. khoz. Kazakh (5b) | Narodnoe khoziaistvo Kazakhstana [The National Economy of Kazakhstan] |
| Knizh. let. (2a) | Knizhnaya letopis' [Book Chronicle] | Nauch. soob. IGD (16h) | Moscow. Institut gornogo dela imeni A. A. Skochinskogo. Nauchnye soobshcheniya [A. A. Skochinskii Institute of Mining. Scientific Reports] |
| Koks i khim. (16c) | Koks i khimika [Coke and Chemistry] | Nauch. -tekhn. probl. goi i vzryva (13f) | Nauchno-tekhnicheskie problemy goreniya i vzryva [Scientific and Technical Problems in Combustion and Blasting] |
| Komm. Ukr. (6) | Kommunist Ukrainy [Communist of the Ukraine] | Nauch. -tekhn. sbor. po dob. nefli (16h) | Vsesoyuznyi neftegazovyi nauchno-issledovatel'skii institut. Nauchno-tekhnicheskiy sbornik po dolyche nefli [All-Union Scientific Research Institute of Petroleum and Natural Gas. Scientific and Technical Papers on Petroleum Production] |
| Komm. Vooruzh. Sil (17a) | Kommunist Vooruzhennykh Sil [Communist of the Armed Forces] | Nauch. trudy AKKH (16d) | Akademii kommunalnogo khoziaistva. Nauchnye trudy [Academy of Communal Economy. Studies] |
| Kommunist (6) | Kommunist [Communist] | Nauch. trudy Kaz. gos. med. inst. (14a) | Kazan. Gosudarstvennyi meditsinskii institut. Nauchnye trudy [State Medical Institute Studies] |
| Kons. i ov. prom. (16c) | Konservnaya i ovoshchesushl'naya promyshlennost' [The Canning and Dehydrated Vegetable Industry] | Nauch. trudy VNIIGim (15a) | Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut gidrotekhniki i melioratsii. Nauchnye trudy [All-Union Scientific Research Institute of Hydraulic Engineering and Reclamation. Studies] |
| Kosm. dan. IZMIRAN (13f) | Akademii nauk SSSR. Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln. Kosmicheskie dannye [Academy of Sciences of the U.S.S.R. Institute of Terrestrial Magnetism, the Ionosphere, and Radio Wave Propagation. Cosmic Data] | Nefteprom. delo (16h) | Neftepromyshlennost' [Petroleum Production] |
| Kosmos (13b) | Kosmos [Space] | Nov. i noveish. ist. (4a) | Novaya i noveishaya istoriya [Modern and Recent History] |
| Kozh. -obuv. prom. (16f) | Kozhevenno-obuvnaya promyshlennost' [Leather and Footwear Industry] | Nov. inostr. lit. po izz. (11a) | Novaya inostrannaya literatura po izyucheniyu [New Foreign Literature on Linguistics] |
| Krat. soob. Kom. po okhr. priro. (13a) | Russia (1923- U.S.S.R.) Komissiya po okhrane prirody. Kratkie soobshcheniya [Committee on Conservation. Brief Reports] | Nov. knigi; ozhened. inform. - bibl. zhur. (2a) | Novye knigi, ozhenedeniye informatsionno-bibliograficheskii zhurnal [New Books, Bibliographical Information Weekly] |
| Kuz. -shtam. prolav. (16g) | Kuznechno-shtampovoe proizvodstvo [Forging and Stamping] | Nov. knigi SSSR (2a) | Novye knigi SSSR [New Books of the U.S.S.R.] |
| Lab. delo (14e) | Laboratornoe delo [Laboratory Work] | Nov. lek. sred. (14f) | Novye lekarstvennye sredstva [New Drugs] |
| Lakokras. mat. i ikh prim. (16c) | Lakokrasochnyye materialy i ikh primeneniye [Lacquer and Paint Materials and Their Use] | Nov. lit. o nauke i nauch. -issl. rab. za rub. (2a) | Novaya literatura o nauke i nauchno-issledovatel'skoi rabote za rubezhom [New Literature on Science and Research Abroad] |
| Lekh. prom. (16f) | Lekhaya promyslovost' [Light Industry] | Nov. lit. po Chekh. (2a) | Novaya literatura po Chexoslovaki [New Literature on Czechoslovakia] |
| Let. gazet. st. (2a) | Letopis' gazetnykh statei [Chronicle of Newspaper Articles] | Nov. lit. po IUG (2a) | Novaya literatura po Iugoslavii [New Literature on Yugoslavia] |
| Let. izobr. isk. (10a) | Letopis' izobrazitel'nogo iskusstva [Chronicle of Fine Arts] | Nov. lit. po Veng. (2a) | Novaya literatura po Vengrii [New Literature on Hungary] |
| Let. zhur. st. (2a) | Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles] | Nov. sov. ekon. lit. (5b) | Novaya sovetskaya ekonomicheskaya literatura [New Soviet Economic Literature] |
| Lit. i pol. iskop. (12c) | Litologiya i poleznye iskopaemye [Lithology and Mineral Resources] | Nov. sov. i inostr. lit. po vop. ateiz. i rel. (3b) | Novaya sovetskaya i inostrannaya literatura po voprosam ateizma i religii [New Soviet and Foreign Literature on the Problems of Atheism and Religion] |
| Lit. proizv. (16h) | Litovoe proizvodstvo [Foundry Practice] | Nov. sov. i inostr. lit. o nauke i nauch. -issl. rab. v SSSR (2a) | Novaya sovetskaya literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.] |
| Mash. i nef. obor. (16h) | Mashiny i neftiannoe oborudovaniye [Machinery and Petroleum Equipment] | Nov. sov. lit. po ist. i arkh. i etn. (4a) | Novaya sovetskaya literatura po istorii, arkhologii i etnografii [New Soviet Literature on History, Archaeology, and Ethnography] |
| Mashinostroyeniye (16g) | Mashinostroyeniye [Machinery Manufacture] | | |
| Mashinovedeniye (16g) | Mashinovedeniye [Mechanical Engineering] | | |
| Maslozhir. prom. (16c) | Maslozhiraya promyshlennost' [Oils and Fats Industry] | | |
| Mat. k. pozn. fauny i flory SSSR. Otd. zool. (13c) | Materialy k poznaniyu fauny i flory SSSR. Otdel zoologicheskii [Contributions to the Knowledge of the Fauna and Flora of the U.S.S.R. Zoological Section] | | |
| Mat. sbor. (13e) | Matematicheskii sbornik [Mathematical Review] | | |
| Med. rad. (14a) | Meditsinskaya radiologiya [Medical Radiology] | | |
| Med. ref. zhur. (14a) | Meditsinskii referativnyi zhurnal [Medical Abstracts] | | |
| Mekh. i avtom. proizv. (16g) | Mekhanizatsiya i avtomatizatsiya proizvodstva [Mechanization and Automation of Production] | | |
| Mekh. stroit. (16d) | Mekhanizatsiya stroitel'stva [Mechanization of Construction] | | |

| | | | |
|--|---|--|--|
| Nov tekhn. zhil. - kom. khoz. Flek i lep. gol. (16e) | Novaya tekhnika i zhilishchno-kommunal'noye khoz. yustitsiya [Electronics, Housing and Communal Services Supplying Electricity and Heat to Cities] | Ref. zhur. : Biol. khim. (13c) | Referativnyi zhurnal: Biologicheskaya khimiya (Otdel'nyi vypusk 30f) [Journal of Abstracts, Biochemistry (Separate Issue 30f)] |
| Nov. vrem. (6) | Novoye vremya [New Times] | Ref. zhur. : Farm. Toks. (14f) | Referativnyi zhurnal: Farmakologiya, Toksikologiya (Otdel'nyi vypusk 54) [Journal of Abstracts: Pharmacology Toxicology (Separate Issue 54)] |
| Och. po metod. prop. rus. iaz. (11a) | Ocherki po metodike prepodavanija russkogo iazyka [Methodological Studies on the Teaching of Russian] | Ref. zhur. : Fiz. (13f) | Referativnyi zhurnal: Fizika [Journal of Abstracts, Physics] |
| Och. po sovr. sov. i zarub. ekon. (5b) | Ocherki po sovremennoi sovetskoi i zarubezhnoi ekonomike [Studies on Contemporary Soviet and Foreign Economics] | Ref. zhur. : Fotokinetikh. (16g) | Referativnyi zhurnal: Fotokhimiya i kinetika (Otdel'nyi vypusk 46) [Journal of Abstracts: Photographic and Motion-Picture Equipment (Separate Issue 46)] |
| Ogneupory (16h) | Ogneupory [Refractories] | Ref. zhur. : Geod. (13b) | Referativnyi zhurnal: Geodeziya (Otdel'nyi vypusk 52) [Journal of Abstracts: Geodesy (Separate Issue 52)] |
| Okeanologiya (12b) | Okeanologiya [Oceanology] | Ref. zhur. : Khim. (13d) | Referativnyi zhurnal: Khimiya [Journal of Abstracts: Chemistry] |
| Okhr. tuda i sots. strakh. (5d) | Okhrana tuda i sotsial'noe strakhovanie [Protection of Labor and Social Insurance] | Ref. zhur. : Kholostr. (16g) | Referativnyi zhurnal: Kholostr. i kholostr. (Otdel'nyi vypusk 42) [Journal of Abstracts: Boiler Manufacture (Separate Issue 42)] |
| Oktyabr' (11b) | Oktyabr' [October] | Ref. zhur. : Mat. (13c) | Referativnyi zhurnal: Matematika [Journal of Abstracts: Mathematics] |
| Opyt sel'skhoz. stroit. za rub. (15a) | Opyt sel'skokhoziaistvennogo stroitel'stva za rubezhom [Practice in Farm Construction Abroad] | Ref. zhur. : Met. (16h) | Referativnyi zhurnal: Metallurgiya [Journal of Abstracts: Metallurgy] |
| Ortop., travm. i protez. (14h) | Ortopediya, travmatologiya i protezovanie [Orthopedics, Traumatology, and Prosthetics] | Ref. zhur. : Metr. i izm. tekhn. (16a) | Referativnyi zhurnal: Metrologiya i izmeritel'naya tekhnika (Otdel'nyi vypusk 32) [Journal of Abstracts, Mensuration and Measurement Techniques (Separate Issue 32)] |
| Paleont. zhur. (12c) | Paleontologicheskii zhurnal [Paleontological Journal] | Ref. zhur. : Pochv. i mel. (15a) | Referativnyi zhurnal: Pochvovedenie i melioratsiya (Otdel'nyi vypusk 57) [Journal of Abstracts: Soil Science Fertilizers Reclamation (Separate Issue 57)] |
| Pam. drevne-turk. pis'm. (11a) | Pamiatniki drevneturk. pis'mennosti Turv [Monuments of the Old Turkic Language of Tuva] | Ref. zhur. : Radiotekh. i elektrosvyaz' (16e) | Referativnyi zhurnal: Radiotekhnika i elektrosvyaz' [Journal of Abstracts: Radio Engineering and Telecommunication] |
| Part. zhizn' (6) | Partiynaya zhizn' [Party Life] | Ref. zhur. : Rast. (15d) | Referativnyi zhurnal: Rastenievodstvo (Otdel'nyi vypusk 55) [Journal of Abstracts: Plant Culture (Separate Issue 55)] |
| Pat. fiziol. i eksper. terap. (14e) | Patologicheskaya fiziologiya i eksperimental'naya terapiya [Pathological Physiology and Experimental Therapy] | Ref. zhur. : Stroitel. dor. mash. (16g) | Referativnyi zhurnal: Stroitel'nye i dorozhnye mashiny (Otdel'nyi vypusk 80) [Journal of Abstracts: Construction Equipment and Road Machinery (Separate Issue 80)] |
| Pis'ma v red. zhur. eksperi. i teoret. fiz. (13f) | Zhurnal eksperimental'noi i teoreticheskoi fiziki. Pis'ma v redaktsiyu [Journal of Experimental and Theoretical Physics Letters to the Editors] | Ref. zhur. : Tekhn. mashinostro. (16g) | Referativnyi zhurnal: Tekhnologiya mashinostroeniya [Journal of Abstracts: Technology of Machinery Manufacture] |
| Plan. khoz. (5b) | Planovoe khoziaistvo [Planned Economy] | Ref. zhur. : Turbostr. (16g) | Referativnyi zhurnal: Turbostroenie (Otdel'nyi vypusk 40) [Journal of Abstracts: Turbine Manufacture (Separate Issue 40)] |
| Plast. massy (16c) | Plasticheskie massy [Plastics] | Ref. zhur. : Vod. transp. (17b) | Referativnyi zhurnal: Vodnyi transport [Journal of Abstracts: Water Transportation] |
| Pochvovedenie (15a) | Pochvovedenie [Soil Science] | Ref. zhur. : Zhiv. Vet. (15b) | Referativnyi zhurnal: Zhivotnovodstvo, Veterinarika (Otdel'nyi vypusk 58) [Journal of Abstracts: Animal Husbandry, Veterinary Medicine (Separate Issue 58)] |
| Porosh. met. (16h) | Poroshkovaya metallurgiya [Powder Metallurgy] | Rust. razys. (11b) | Akademiya nauk Gruzinskoi SSR, Tiflis. Institut istorii gruzinskoi literatury. Rustvelogicheskie razyskaniya [Academy of Sciences of the Georgian S. S. R. Institute of the History of Georgian Literature, Rustaveli Research] |
| Prikl. geofiz. (16h) | Prikladnaya geofizika [Applied Geophysics] | Ryb. khoz. (15b) | Rybnoe khoziaistvo [Fisheries] |
| Prikl. mat. i mekh. (13e) | Prikladnaya matematika i mekhanika [Applied Mathematics and Mechanics] | Sakh. prom. (16c) | Sakharnaya promyshlennost' [Sugar Industry] |
| Prikl. mekh. (16g) | Prikladnaya mekhanika [Applied Mechanics] | Sbor. Kuz. NIUI (16h) | Prokopyevsk. Kuznetskii nauchno-issledovatel'skii uchebnyi institut. Sbornik [Kuznetsk Scientific Research Coal Institute, Papers] |
| Priroda (13a) | Priroda [Nature] | Sbor. nauch. inform. Nauch. sov. po eff. osn. fond. karp. vliozh. i nov. tekhn. AN SSSR (5b) | Akademiya nauk SSSR. Nauchnyi soviet po effektivnosti osnovnykh fondov kapital'nykh vlozhenii i novoi tekhniki. Sbornik nauchnoi informatsii [Academy of Sciences of the U. S. S. R. Scientific Council on the Effectiveness of Capital Investment Funds and New Technology, Scientific Information] |
| Probl. kosm. biol. (13c) | Problemy kosmicheskoi biologii [Problems of Cosmic Biology] | Sbor. nauch. - tekhn. inform. Azerb. inst. nauch. - tekhn. inform. Ser. Neft. prom. (16h) | Baku. Azerbaidzhanskii institut nauchno-tekhnicheskoi informatsii. Sbornik nauchno-tekhnicheskoi informatsii. Seriya "Neftedobyvaushchaya promyshlennost'" [Azerbaijan Institute of Scientific and Technical Information. Scientific and Technical Information. Series "Petroleum Production"] |
| Probl. obshch. i sud. psikh. (14c) | Problemy obshch. i sud. psikh. [Problems of General and Forensic Psychiatry] | Sbor. nauch. - tekhn. inform. Azerb. inst. nauch. - tekhn. inform. Ser. Neft. prom. (16h) | Baku. Azerbaidzhanskii institut nauchno-tekhnicheskoi informatsii. Sbornik nauchno-tekhnicheskoi informatsii. Seriya "Neftedobyvaushchaya promyshlennost'" [Azerbaijan Institute of Scientific and Technical Information. Scientific and Technical Information. Series "Petroleum Production"] |
| Probl. sud. psikh. (14c) | Problemy sud. psikh. [Problems of Forensic Psychiatry] | Sbor. nauch. trud. SOGMI (14a) | Ordzhonikidze. Severo-Osetinskii gosudarstvennyi meditsinskii institut. Sbornik nauchnykh trudov [North Ossetian State Medical Institute, Papers] |
| Prof. - tekhn. obr. (16a) | Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education] | Sbor. rab. VTS MGU (13a) | Moscow. Universitet. Vychislitel'nyi tsentr. Sbornik rabot [University, Computation Center, Papers] |
| Prom. energ. (16c) | Promyshlennaya energetika [Industrial Power] | Sbor. trud. LIIZHT (16d) | Leningrad. Institut inzhenerov zhelezнодорожного transporta. Sbornik trudov [Institute of Railroad Transportation Engineers, Papers] |
| Prom. stroit. (16d) | Promyshlennoe stroitel'stvo [Industrial Construction] | Sbor. trud. MISI (16d) | Moscow. Inzhenerno-stroitel'nyi institut. Sbornik trudov [Civil Engineering Institute, Papers] |
| Prom. stroit. i inzh. soor. (16d) | Promyshlennoe stroitel'stvo i inzhenernye sooruzheniya [Industrial Construction and Engineering Structures] | Sbor. trud. TSNIC HM (16h) | Moscow. Tsentral'nyi nauchno-issledovatel'skii institut chernoi metallurgii. Sbornik trudov [Central Scientific Research Institute of Ferrous Metallurgy, Papers] |
| Put' i put. khoz. (16d) | Put' i putevye khoziaistvo [Railroad Tracks and Roadway Maintenance] | | |
| Rad. lit. (11b) | Radians'ko literaturno-znavstvo [Soviet Literary Review] | | |
| Rad. pravo (7) | Radians'ka pravo [Soviet Law] | | |
| Rad. shk. (8a) | Radians'ka shkola [Soviet School] | | |
| Radio (16e) | Radio | | |
| Radiobiologiya (13c) | Radiobiologiya [Radiobiology] | | |
| Radiotekh. i elektron. (16e) | Radiotekhnika i elektronika [Radio Engineering and Electronics] | | |
| Radiotekhnika (16e) | Radiotekhnika [Radio Engineering] | | |
| Razved. geofiz. (16h) | Razvedochnaya geofizika [Prospecting Geophysics] | | |
| Rech. transp. (17b) | Rechnoi transport [Inland Water Transportation] | | |
| Ref. zhur. : Astron. (13b) | Referativnyi zhurnal: Astronomiya (Otdel'nyi vypusk 51) [Journal of Abstracts: Astronomy (Separate Issue 51)] | | |
| Ref. zhur. : Av. i raket. dvig. (16b) | Referativnyi zhurnal: Aviatcionnye i raketnye dvigateli (Otdel'nyi vypusk 34) [Journal of Abstracts: Aircraft and Rocket Engines (Separate Issue 34)] | | |

| | | | |
|--|--|---|--|
| Sbor trud
VNIGS (16d) | Leningrad Vsesoyuznyi nauchno-issledovatel'skii institut
gidrotekhnicheskikh i sanitarno-tekhnicheskikh rabot
Sbornik trudov. [All-Union Scientific Research Institute of
Hydraulic and Sanitary Engineering Papers] | Teploenergetika
(16g) | Teploenergetika [Heat Engineering] |
| Seizm. issl. (13f) | Akademii nauk SSSR Mezhdunarodnyi komitet po
provedeniiu Mezhdunarodnogo geofizicheskogo goda
Seizmicheskoe issledovanie [Academy of Sciences of
the U.S.S.R. Interdepartmental Committee on the
International Geophysical Year Seismic Studies] | Toks. nov. prom.
khim. veshch. (14a) | Tekhnologiya novykh promyshlennykh khimicheskikh
veshchestv [Technology of New Industrial Chemical
Substances] |
| Shakht. stroit.
(15h) | Shakhtnoe stroitel'stvo [Mine Construction] | Tori, prom. (16h) | Torfiannaya promyshlennost' [Peat Industry] |
| Shkola i proizv. (8a) | Shkola i proizvodstvo [School and Industry] | 101g, za rab. (5a) | Torgovlia za rubezhom [Trade Abroad] |
| Shvein. prom. (16f) | Shveinnaya promyshlennost' [Clothing Industry] | Transp. i khran. nefti i nefteprod. (16h) | Transport i khraneniye nefti i nefteproduktov [Transportation
and Storage of Petroleum and Petroleum Products] |
| Soob. AN Gruz. SSR (1a) | Akademii nauk Gruzinskoi SSR, Tiflis. Soobshcheniia
[Academy of Sciences of the Georgian S.S.R.
Reports Russian language edition] | Trudy Chel. gos. ped. inst. (1a) | Chelyabinsk. Gosudarstvennyi pedagogicheskii institut
Trudy [State Pedagogical Institute. Transactions] |
| Soob. po vych. tekhn. (13e) | Akademii nauk SSSR Vychislitel'nyi tsentr. Soobshcheniia
po vychislitel'noi tekhnike [Academy of Sciences of the
U.S.S.R. Computation Center. Reports on Computer
Technology] | Trudy GGI (12b) | Leningrad. Gosudarstvennyi gidrologicheskii institut.
Trudy [State Hydrological Institute. Transactions] |
| Sots. obesp. (5c) | Sotsial'noe obespecheniye [Social Security] | Trudy GGO (13f) | Leningrad. Glavnaia geofizicheskaya observatoriia. Trudy
[Main Geophysical Observatory. Transactions] |
| Sots. trud (5d) | Sotsialisticheskiy trud [Socialist Labor] | Trudy GIN (12c) | Akademii nauk SSSR. Geologicheskii institut. Trudy
[Academy of Sciences of the U.S.S.R. Geological In-
stitute. Transactions] |
| Sots. zakon. (7) | Sotsialisticheskaya zakonost' [Socialist Legality] | Trudy GNBS (15d) | Yalta. Gosudarstvennyi Nikitskiy botanicheskii sad.
Trudy [Nikita State Botanical Garden. Transactions] |
| Sov. etn. (12a) | Sovetskaya etnografiia [Soviet Ethnography] | Trudy GOIN (12b) | Moscow. Gosudarstvennyi okeanograficheskii institut. Trudy
[State Oceanographic Institute. Transactions] |
| Sov. gos. i pravo (7) | Sovetskoe gosudarstvo i pravo [The Soviet State and Law] | Trudy Gos. nauch.-issl. inst. psikh. (14c) | Moscow. Gosudarstvennyi nauchno-issledovatel'skii
institut psikhologii. Trudy [State Scientific Research
Institute of Psychiatry. Transactions] |
| Sov. iust. (7) | Sovetskaya iustitsiia [Soviet Justice] | Trudy INKH (5b) | Moscow. Institut narodnogo khoziaistva. Trudy [Institute
of the National Economy. Transactions] |
| Sov. med. (14d) | Sovetskaya meditsina [Soviet Medicine] | Trudy Inst. gool. i goofiz. Sib. otd. AN SSSR (12c) | Akademii nauk SSSR. Sibirskoe otdeleniye. Institut geologii
i goofiziki. Trudy [Academy of Sciences of the U.S.S.R.
Siberian Department. Institute of Geology and Geophysics.
Transactions] |
| Sov. muz. (9b) | Sovetskaya muzyka [Soviet Music] | Trudy Inst. gool. nauk AN Kazakh. SSR (12c) | Akademii nauk Kazakhskoi SSR, Alma-Ata. Institut geolo-
gicheskikh nauk. Trudy [Academy of Sciences of the
Kazakh S.S.R. Institute of Geological Sciences. Trans-
actions] |
| Sov. pedagog. (8a) | Sovetskaya pedagogika [Soviet Pedagogy] | Trudy Inst. gool. UFA N SSSR (12c) | Akademii nauk SSSR, Ural'skii filial. Sverdlovsk.
Institut geologii. Trudy [Academy of Sciences of the
U.S.S.R. Ural Branch. Institute of Geology. Trans-
actions] |
| Sov. potreb. koop. (5a) | Sovetskaya potrebitel'skaya kooperatsiia [Soviet Consumer
Cooperation] | Trudy Inst. gor. dela AN Kazakh. SSR (10h) | Akademii nauk Kazakhskoi SSR, Alma-Ata. Institut
gornogo dela. Trudy [Academy of Sciences of the
Kazakh S.S.R. Institute of Mining. Transactions] |
| Sov. proizv. (5d) | Sovetskie profsoyuzy [Soviet Trade Unions] | Trudy Inst. khim. nauk AN Kazakh. SSR (13d) | Akademii nauk Kazakhskoi SSR, Alma-Ata. Institut khimi-
cheskikh nauk. Trudy [Academy of Sciences of the
Kazakh S.S.R. Institute of Chemical Sciences. Trans-
actions] |
| Sov. slav. (4a) | Sovetskoe slavovedeniye [Soviet Slavic Studies] | Trudy KAI (10b) | Kazan. Aviatsetelnyi institut. Trudy [Aeronautical Institute.
Transactions] |
| Sov. torg. (5a) | Sovetskaya torgovlia [Soviet Commerce] | Trudy KHIT (10g) | Kharkov. Institut inzhenerov zeleznodoro-
zhnogo transporta. Trudy [Institute of Railroad Transportation Engineers.
Transactions] |
| Sov. voen. (17a) | Sovetskii voen. [Soviet Soldier] | Trudy Khr. fil. AN SSSR (1a) | Akademii nauk SSSR, Karelskii filial. Peti saavalek.
Trudy [Academy of Sciences of the U.S.S.R.
Karelian Branch. Transactions] |
| Sovi. vop. endok. (14a) | Sovremennyye voprosy endokrinologii [Current Problems in
Endocrinology] | Trudy Kaspiiro (15b) | Astrakhan. Kaspiiskii nauchno-issledovatel'skii institut
morskogo rybnogo khoziaistva i okeanografi. Trudy
[Caspian Scientific Research Institute of Marine Fisheries
and Oceanography. Transactions] |
| Sred. spetsial'noe obrazovanie (8a) | Srednee spetsial'noe obrazovanie [Secondary Specialized
Education] | Trudy Kaz NIGMI (13f) | Alma-Ata. Kazakhskii nauchno-issledovatel'skii gidro-
meteorologicheskii institut. Trudy [Kazakh Scientific
Research Hydrometeorological Institute. Transactions] |
| Stal' (16b) | Stal' [Steel] | Trudy LIKI (10g) | Leningrad. Institut kinomazhenerov. Trudy [Institute of
Motion-Picture Engineers. Transactions] |
| Stan. i instr. (16g) | Stanki i instrumenty [Machine Tools and Their Cutting
Tools] | Trudy LPI (16a) | Leningrad. Politekhicheskii institut. Trudy [Polytechnic
Institute. Transactions] |
| Steklo i ker. (16c) | Steklo i keramika [Glass and Ceramics] | Trudy MAI (10b) | Moscow. Aviatsetelnyi institut imeni Seryo Ordzhonikidze.
Trudy [Sergo Ordzhonikidze Aeronautical Institute. Trans-
actions] |
| Stroi. i dor. mash. (16g) | Stroitel'nye i dorozhnye mashiny [Construction and Road
Machinery] | Trudy MEI (10g) | Moscow. Energeticheskii institut. Trudy [Power Engineering
Institute. Transactions] |
| Stroi. mat. (16d) | Stroitel'nye materialy [Building Materials] | Trudy MILT (10g) | Moscow. Moskovskii institut inzhenerov zheleznodoro-
zhnogo transporta. Trudy [Moscow Institute of
Engineers of Railroad Transportation. Transactions] |
| Stroi. truboprov. (16d) | Stroitel'stvo truboprovodov [Pipeline Construction] | Trudy MKHTI (16c) | Moscow. Khimiko-tekhnologicheskii institut. Trudy
[Institute of Chemical Technology. Transactions] |
| Subtrop. kul't. (15d) | Subtropicheskie kul'tury [Subtropical Crops] | Trudy MMTS (13f) | Mirovoi meteorologicheskii tsentr. Trudy [World Meteoro-
logical Center. Transactions] |
| Sud. -med. ekspert. (14a) | Sudebno-meditsinskaya ekspertiza [Forensic Medicine
Expertise] | Trudy MOIP (13c) | Moskovskoe obshchestvo isspytatelei prirody. Trudy [Mos-
cow Naturalists' Society. Transactions] |
| Sudostroenie (17b) | Sudostroeniye [Shipbuilding] | Trudy Mat. inst. (13c) | Akademii nauk SSSR. Matematicheskii institut. Trudy
[Academy of Sciences of the U.S.S.R. Mathematical
Institute. Transactions] |
| Svar. proizv. (16f) | Svarochnoe proizvodstvo [Welding Practice] | Trudy Mosk. mat. ob-va (13c) | Moskovskoe matematicheskoe obshchestvo. Trudy [Mos-
cow Mathematical Society. Transactions] |
| Svetotekhnika (16a) | Svetotekhnika [Lighting Engineering] | | |
| Svod. biul. nov. inostr. knig. Ser. B (2a) | Svodnyi biulleten' novykh inostrannykh knig, postupivshikh
v biblioteki SSSR. Seriya B: Obshchestvennye nauki
[Union List of New Foreign Books Received by the
Libraries of the U.S.S.R. Series B: Social Sciences] | | |
| Tsentr. (9c) | Tsentr [The Theater] | | |
| Tekh. est. (16a) | Tekhnicheskaya estetika [Industrial Aesthetics] | | |
| Tekh. kino i telev. (8a) | Tekhnika kino i televiziionna [Motion-Picture and Television
Engineering] | | |
| Tekh. v sel'khoz. (15a) | Tekhnika v sel'skom khoziaistve [Machinery in Agriculture] | | |
| Tekst. prom. (16f) | Tekstil'naya promyshlennost' [Textile Industry] | | |
| Teor. veroiat. i ee prim. (13a) | Teoriia veroiatnostei i ee primeneniia [Theory of
Probability and Its Applications] | | |
| Teoret. i eksper. khim. (13d) | Teoreticheskaya i eksperimental'naya khimiia [Theoretical
and Experimental Chemistry] | | |

| | | | |
|---|--|--|--|
| Trudy NIIAK (13f) | Moscow. Nauchno-issledovatel'skii institut aeroklimatologii Trudy [Scientific Research Institute of Aeroclimatology Transactions] | Uch. zap. Kaz. un. (1a) | Kazan. Universitet. Uchenye zapiski [University Studies] |
| Trudy NIIAsbest-tsementa (16d) | Moscow. Nauchno-issledovatel'skii institut asbesta, shchitov, asbestotsementnykh izdelii i proektirovaniia stroitel'stva predpriiatiu shchitovoi promyshlennosti. Trudy [Scientific Research Institute of Asbestos, Mica, Asbestos-Cement Products, and for the Design of Plants for the Mica Industry Transactions] | Uch. zap. MGPI (1a) | Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Moscow State Pedagogical Institute Studies] |
| Trudy NIIGMP (13f) | Leningrad. Nauchno-issledovatel'skii institut gidrometeorologicheskogo i kiberneticheskogo Trudy [Scientific Research Institute of Hydrometeorological Instrument Making Transactions] | Uch. zap. Ped. inst. Gerts. (1a) | Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A. I. Gertsena. Uchenye zapiski [A. I. Herzen State Pedagogical Institute. Studies] |
| Trudy NIITSement (16d) | Moscow. Gosudarstvennyi vsesoiuznyi nauchno-issledovatel'skii institut tsementnoi promyshlennosti. Trudy [State All-Union Scientific Research Institute of the Cement Industry. Transactions] | Ugol' (16h) | Ugol' [Coal] |
| Trudy NILnefte-gaza (12c) | Moscow. Nauchno-issledovatel'skaia laboratoriia geologicheskikh kriteriev perspektiv neftegazonosnosti. Trudy [Scientific Research Laboratory of the Geological Criteria for the Evaluation of Oil and Gas Potentials. Transactions] | Ukr. biokhim. zhur. (13c) | Ukrains'kii biokhimichnyi zhurnal [Ukrainian Biochemical Journal] |
| Trudy OMI (14a) | Omsk. Meditsinskii institut. Trudy [Medical Institute. Transactions] | Ukr. fiz. zhur. (13f) | Ukrains'kii fizichnyi zhurnal [Ukrainian Physical Journal] |
| Trudy Paleont. inst. (12c) | Akademiia nauk SSSR. Paleontologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Paleontology. Transactions] | Ukr. khim. zhur. (13d) | Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal] |
| Trudy I-go MMI (14a) | Moscow. Pervyi meditsinskii institut. Trudy [First Moscow Medical Institute. Transactions] | Usp. fiz. nauk (13f) | Uspekhi fizicheskikh nauk [Progress in the Physical Sciences] |
| Trudy SVKNII (1a) | Akademiia nauk SSSR. Vostochno-Sibirskii nauchno-issledovatel'skii institut. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. North-Eastern Scientific Research Institute. Transactions] | Usp. mikrobiol. (13c) | Uspekhi mikrobiologii [Progress in Microbiology] |
| Trudy Sam. gos. un. (1a) | Samar'kand. Gosudarstvennyi universitet. Trudy [State University. Transactions] | Uzb. geol. zhur. (12c) | Uzbekskii geologicheskii zhurnal [Uzbek Geological Journal] |
| Trudy TGU (1a) | Tomsk. Universitet. Trudy [University Transactions] | Ved. Verkh. Sov. RSFSR (7) | Russia (1917- U. S. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette] |
| Trudy TSIP (13f) | Moscow. Tsentral'nyi institut prognozov Trudy [Central Weather Institute Transactions] | Ved. Verkh. Sov. SSSR (7) | Russia (1923 U. S. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette] |
| Trudy TSIU (14a) | Moscow. Tsentral'nyi institut usovershenstvovaniia vrachel. Trudy [Central Institute for Postgraduate Training of Physicians. Transactions] | Vest. AMN SSSR (14a) | Akademiia meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal] |
| Trudy TSNII-Podzemshakht-stroia (16h) | Tsentral'nyi nauchno-issledovatel'skii i proektiro-konstruktor'skii institut podzemnogo i shakhtnogo stroitel'stva. Trudy [Central Scientific Research and Design Institute for Underground and Mine Building. Transactions] | Vest. AN Kazakh. SSR (1a) | Akademiia nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S.S.R. Journal] |
| Trudy Tbil. GU (1a) | Tbilisi. Universitet. Trudy [University. Transactions] | Vest. AN SSSR (1a) | Akademiia nauk SSSR. Vestnik [Academy of Sciences of the U.S.S.R. Journal] |
| Trudy TSentr. opyt.-mel. sta. SoluzNIKH (15d) | Tsentral'naiia opytno-meliorativnaia stantsiia SoluzNIKH Trudy [Central Land Improvement Experiment Station of the All-Union Scientific Research Institute of Cotton Growing Transactions] | Vest. LGU (1a) | Leningrad. Universitet. Vestnik [University. Review] |
| Trudy UkrNIGMI (13f) | Kiev. Ukrainskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Ukrainian Scientific Research Hydrometeorological Institute. Transactions] | Vest. Mosk. un. Ser. 1: Mat., mekh. (13c) | Moscow. Universitet. Vestnik. Seria 1: Matematika, mekhanika [University. Review. Series 1: Mathematics, Mechanics] |
| Trudy Un. druzh. nar. Teor. mekh. (13f) | Moscow. Universitet druzhby narodov. Trudy. Teoreticheskaiia mekhanika [University of the Friendship of Peoples. Transactions. Theoretical Mechanics] | Vest. Mosk. un. Ser. 4: Geol. (12c) | Moscow. Universitet. Vestnik. Seria 4: Geologiya [University. Review. Series 4: Geology] |
| Trudy Un. druzh. nar. Vop. med. (14a) | Moscow. Universitet druzhby narodov. Trudy. Voprosy meditsiny [University of the Friendship of Peoples. Transactions. Problems in Medicine] | Vest. Mosk. un. Ser. 9: Ist. (4a) | Moscow. Universitet. Vestnik. Seria 9: Istoriia [University. Review. Series 9: History] |
| Trudy VIZH (15b) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zhivotnovodstva. Trudy [All-Union Scientific Research Institute of Animal Husbandry. Transactions] | Vest. rent. i rad. (14a) | Vestnik rentgenologii i radiologii [Review of Roentgenology and Radiology] |
| Trudy VIZR (15d) | Leningrad. Vsesoiuznyi institut zaschity rastenii Trudy [All-Union Institute of Plant Protection. Transactions] | Vest. sel'khoz. nauki [Kazakh] (15a) | Vestnik sel'kokhozhaietvennoi nauki [Review of Agricultural Science] Kazakhistan |
| Trudy VNIKIMASH (16g) | Vsesoiuznyi nauchno-issledovatel'skii institut kislorodnogo mashinostroeniia. Trudy [All-Union Scientific Research Institute of Industrial Oxygen Apparatus Construction. Transactions] | Vest. sviazi (16g) | Vestnik sviazi [Communications Review] |
| Trudy VNII-Podzem-gaza (16h) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut podzemnoi gazifikatsii uglei. Trudy [All-Union Scientific Research Institute of Underground Coal Gasification. Studies] | Vest. TSNII MPS (16g) | Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zhelezнодорожного транспорта. Vestnik [All-Union Scientific Research Institute of Railroad Transportation. Journal] |
| Trudy VSEGEI (12c) | Leningrad. Vsesoiuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions] | Vest. vys. shkoly (9a) | Vestnik vysshei shkoly [Review of Schools for Higher Education] |
| Trudy Vych. tsentra AN Gruz. SSR (13a) | Akademiia nauk Gruzinskoi SSR, Tbilisi. Vychislitel'nyi tsentr. Trudy [Academy of Sciences of the Georgian S.S.R. Computation Center. Transactions] | Vestis AN BSSR. Ser. hram. nav. (1a) | Akademiia nauk BSSR, Minsk. Sbornik hramatskikh nauk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Social Sciences] |
| TSitologiya (13c) | TSitologiya [Cytology] | Veterinariia (15b) | Veterinariia [Veterinary Medicine] |
| TSvet. met. (16h) | TSvetnye metally [Nonferrous Metals] | Vod. i san. tekhn. (16d) | Vodosnabzhenie i sanitarnaiia tekhnika [Water Supply and Sanitary Engineering] |
| Uch. zap. IIAL Dag. fil. AN SSSR (1a) | Akademiia nauk SSSR, Dagestanskii filial. Makhachkala. Institut istorii, iazyka i literatury. Uchenye zapiski [Academy of Sciences of the U.S.S.R., Dagestan Branch. Institute of History, Language, and Literature. Studies] | Voen.-iat. zhur. (4a) | Voenno-istoricheskii zhurnal [Military History Journal] |
| Uch. zap. Kaf. obshchest. nauk vuz. g. Len. i Filos. (3a) | Uchenye zapiski kafedry obshchestvennykh nauk vuzov g. Leningrada; Filosofiia [Studies by the Departments of Social Sciences of Leningrad Institutions of Higher Education; Philosophy] | Vop. antr. (12a) | Voprosy antropologii [Problems of Anthropology] |
| | | Vop. biokhim. moz. (13c) | Voprosy biokhimii mozga [Problems of the Biochemistry of the Brain] |
| | | Vop. ekon. (6b) | Voprosy ekonomiki [Problems of Economics] |
| | | Vop. filos. (3a) | Voprosy filosofii [Problems of Philosophy] |
| | | Vop. gor. davl. (10h) | Voprosy gornogo davleniia [Problems in Rock Pressure] |
| | | Vop. iaz. (11a) | Voprosy iazykoznaia [Problems of Linguistics] |
| | | Vop. kur., fizioter. i lech. fiz. kul't. (14e) | Voprosy kurortologii, fizioterapii i lechnoi fizicheskoi kul'tury [Problems of Resort Therapy, Physical Therapy, and Exercise Therapy] |
| | | Vop. lit. (11b) | Voprosy literatury [Problems of Literature] |
| | | Vop. onk. (14e) | Voprosy onkologii [Problems of Oncology] |
| | | Vop. rud. geofiz. (10h) | Voprosy rudnoi geofiziki [Problems of Geophysical Ore Prospecting] |
| | | Vop. sel'khoz. mekh. (15a) | Voprosy sel'kokhozhaietvennoi mekhaniki [Problems in Agricultural Mechanics] |
| | | Vop. vych. mat. i tekhn. (13c) | Voprosy vychislitel'noi matematiki i tekhniki [Problems in Computer Mathematics and Technology] |
| | | Vsem. prof. dvizh. (5d) | Vsemirnnoe profsoiuznoe dvizhenie [World Trade-Union Movement] |
| | | Vych. sist. (13e) | Akademiia nauk SSSR, Sibirskoe otdeleniie, Institut matematiki, vychislitel'nye sistemy [Academy of Sciences of the U.S.S.R., Siberian Department. Institute of Mathematics, Computer Systems] |

| | | | |
|---|--|---|--|
| Vysokom.
soed (13d) | Vysokomolekuliarnye soedineniya [Macromolecular Com-
pounds] | Zhur. fiz. khim
(13d) | Zhurnal fizicheskoi khimii [Journal of Physical Chemistry] |
| Zap. Tadzh. otd.
Vses. min.
ob-va (12c) | Vsesoiuznoe mineralogicheskoe obshchestvo. Tadzhikskoe
otdelenie. Zapiski [All-Union Mineralogical Society
Tajik Branch. Annals] | Zhur. mikro-
biol., epid.
i immun.
(14a) | Zhurnal mikrobiologii, epidemiologii i immunobiologii
[Journal of Microbiology, Epidemiology, and Immuno-
biology] |
| Zap. Vses. min.
ob-va (12c) | Vsesoiuznoe mineralogicheskoe obshchestvo. Zapiski
[All-Union Mineralogical Society. Annals] | Zhur. nauch. i
prikl. fot. i kin.
(16c) | Zhurnal nauchnoi i prikladnoi fotografii i kinematografii
[Journal of Scientific and Applied Photography and
Cinematography] |
| Zashch. met.
(16b) | Zashchita metallov [Metals' Protection] | Zhur. nevri i
psikh.
(14c) | Zhurnal nevropatologii i psikiatrii [Journal of Neuropathol-
ogy and Psychiatry] |
| Zav. lab. (16h) | Zavodskaya laboratoriya [The Factory Laboratory] | Zhur. prikl.
spekt. (13f) | Zhurnal prikladnoi spektroskopii [Journal of Applied Spec-
troscopy] |
| Zemledelie (15d) | Zemledelie [Agriculture] | Zhur. V KHO (13d) | Vsesoiuznoe khimicheskoe obshchestvo imeni D.I. Mendeleeva.
Zhurnal [D.I. Mendeleev All-Union Chemical Society.
Journal] |
| Zhel. dor. transp.
(16g) | Zheleznodorozhnyi transport [Railroad Transportation] | Zool. zhur.
(13c) | Zoologicheskii zhurnal [Zoological Journal] |
| Zhur. anal. khim.
(13d) | Zhurnal analiticheskoi khimii [Journal of Analytical
Chemistry] | Zvezda (11b) | Zvezda [The Star] |
| Zhur. eksp. i teor.
fiz. (13f) | Zhurnal eksperimental'noi i teoreticheskoi fiziki
[Journal of Experimental and Theoretical Physics] | | |

SUBJECT INDEX TO MONOGRAPHS AND PERIODICALS

- ACTH**
Sensitivity of the adrenal cortex to exogenous ACTH in patients having had a prolonged treatment with corticosteroid hormones. L. V. Fleishman. Trudy TSU 77 44-48 '65.
- ACTH—PHYSIOLOGICAL EFFECT**
Effect of ACTH on higher nervous activity in dogs and the interaction of blood proteins and ascorbic acid. T. K. Valueva, R. S. Zlatin, B. A. Raitrub, Fiziol. zhur. [Ukr.] 10 no. 3:322-328 My-Je '61.
Study of the glycoconjugate activity of the adrenal glands using the method of 3-day ACTH load in diabetes mellitus patients. Z. Z. Tslaf. Trudy TSU 77 19-56 '65.
- ABAKAN VALLEY (KRASNOYARSK TERRITORY)—MINERALS**
Picrite from the oxidation zone of the Abakan iron ore deposit. L. K. Iakhontova, Vest. Mosk. un. Ser. 1 Geol. 20 no. 4:70-71 Ji-Ag '65.
- ABAY DISTRICT—SCAB DISEASE IN SHEEP**
Effectiveness of measures for the control of scabies. K. M. Eliseev, S. Sh. Shalykov. Vest. sel'khoz. nauk [Kazakhst.] 8 no. 9:114-115 S '65.
- ABDOMEN—DISEASES**
nov briushnoi polosti. Kiev, Zdorov'ia, 1965. 178 p. (DNLM)
- ABDOMEN—SURGERY**
Basic aspects of the methodology of exercise therapy in gynecological gynecology. I. U. Kurpan, Vop. kur. fizioter. lech. fiz. kul't. 30 no. 4:358-362 Ji-Ag '65.
Changes in venous pressure during anesthesia with artificial pulmonary ventilation in surgery for tumors of organs of the abdominal cavity. A. N. Galushkin, Vop. onk. 11 no. 9:10-16 '65.
Shalimov, A. A., and S. N. Red'kin. [Atlas of surgical operations on the organs of the abdominal cavity] Atlas khirurgicheskikh operatsii na organakh briushnoi polosti. Kiev, Zdorov'ia, 1965. 422 p. (DNLM)
- ABELIAN GROUPS**
Theory of partition of mixed Abelian groups. B. M. Rudyk. Vest. Mosk. un. Ser. 1: Mat., mekh. 20 no. 3: 20-27 My-Je '65.
- ABERRATION, CHROMATIC AND SPHERICAL** see Optical instruments
- ABKHAZIA—AGED**
Recentological picture of the form and size of the heart at advanced age. D. S. Kakhashvili, Soob. AN Gruz. SSR 37 no. 2:481-486 Ag '65.
- ABKHAZIA—GEOLOGY, STRATIGRAPHIC**
Stratigraphy of Lower Cretaceous and Cenomanian sediments in the Abkhazian part of the Georgian block according to microfossils. I. V. Chubaidze, Soob. AN Gruz. SSR 39 no. 2:357-364 Ag '65.
- ABKHAZIA—OSTRACODA, FOSSIL**
New species of Ostracoda from Cimmerian sediments in Abkhazia. M. L. Bekua, Soob. AN Gruz. SSR 39 no. 2: 371-376 Ag '65.
- ABKHAZIA—PALEONTOLOGY, STRATIGRAPHIC**
Stratigraphy of Lower Cretaceous and Cenomanian sediments in the Abkhazian part of the Georgian block according to microfossils. I. V. Chubaidze, Soob. AN Gruz. SSR 39 no. 2:357-364 Ag '65.
- ABKHAZIAN LANGUAGE—DIALECTS**
Bergshba, Kh. S. [Bzyb dialect of the Abkhazian language; study and texts] Bzybskii dialekt abkhazskogo iazyka, issledovanie i teksty. Tbilisi, Izd-vo Akad. nauk Gruz. skoi SSR, 1964. 480 p. (MII) (NMC)
- ABOMASUM**
Age-related dynamics of total and residual nitrogen in the abomasum of sheep. N. U. Bazanova, K. G. Nugat-zhanov. Izv. AN Kazakh SSR, Ser. biol. nauk 1 no. 3: 80-81 My-Je '65.
- ABOMASUM—SECRECTIONS**
Secretion of some amino acids by the abomasum glands of sheep in ontogeny. K. G. Nugat-zhanov, Vest. sel'khoz. nauk [Kazakhst.] 8 no. 8:112-117 Ag '65.
- ABORTION**
Immediate and late results of treating a threatening abortion. V. G. Danaeva, L. G. Solnikova, Z. N. Iakubova, Nauch. izudy Kaz. gos. med. inst. 11:421-423 '64.
- ABORTION IN ANIMALS**
(see also subdivision under Lvov Province)
Vibrionic abortion of cattle in Kazakhstan. A. V. Gollkov, N. V. Battuta, Veterinarnii 42 no. 7:75-76 Ji '65.
- ABRASION**
Effect of abrasive particles on the wear of slush pump parts. V. I. Hoshchupkin, O. I. Verzhin. Mash. i elekt. obor. no. 8:17-20 '65.
- ABRASIVES**
Rapakivi granites are a new high-alkali feldspar raw material for insulation porcelain and abrasive industries. A. S. Khakham. Stuk. i ker. 22 no. 7:21-24 Ji '65.
- ABSOLUTE DIFFERENTIAL CALCULUS** see Calculus of tensors
- ABSORPTION (PHYSIOLOGY)**
Effect of inductothermy on the absorptive activity of the stomach and intestine. V. R. Faltel'berg-Plank, Vop. kur. fizioter. lech. fiz. kul't. 30 no. 1:305-309 Ji-Ag '65.
Effect of oxytetracycline on the absorption function of the reticuloendothelial system. O. O. Chikova, Antibiotiki 10 no. 8:730-733 Ag '65.
- ABSORPTION SPECTRA**
Infrared absorption of cupric and cuprous oxides. G. A. Kholodai, Ukr. fiz. zhur. 10 no. 9:1035-1038 S '65.
Infrared absorption spectrum of sodium uranyl acetate single crystals. L. V. Voled'ko, A. I. Konil'skiy, I. D. Sleptsov. Zhur. prikl. spekt. 3 no. 1:65-67 Ji '65.
Relation between hydrogen bond energy and the intensity of infrared absorption. A. V. Jorgensen, Dokl. AN SSSR 161 no. 3:610-613 S '65.
Theory of the width of infrared absorption bands of U-centers. G. S. Zavt, N. N. Kristofel', V. V. Hrizhnikov. Fiz. tver. tela 7 no. 8:2411-2419 Ag '65.
- ABSTRACT ART** see Art, Abstract
- ACADEMIC DISSERTATIONS** see Dissertations, Academic
- ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R.**
The Academy of Sciences of the Azerbaijan S. S. R. and the development of historical science. Z. I. Ibrahimov, E. A. Tokarzhnevskii, Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 3:3-13 '65.
- ACADEMY OF SCIENCES OF THE TURKMEN S. S. R.**
Annual meeting of the Academy of Sciences of the Turkmen S. S. R. Izv. AN Turk. SSR, Ser. biol. nauk no. 3:89-90 '65.
- ACADEMY OF SCIENCES OF THE U. S. S. R.**
General Meeting of Department of Biochemistry, Biophysics, and Chemistry of Physiologically Active Compounds of the Academy of Sciences of the U. S. S. R. held March 25-27, 1965. Izv. AN SSSR, Ser. khim. no. 9:1511-1514 '65.
New academic institutes. Vest. AN SSSR 35 no. 9:125 '65.
- Organizational decisions of the Presidium of the Academy of Sciences of the U. S. S. R.** Vest. AN SSSR 35 no. 9: 126 '65.
- ACANTHOCEPHALA—HOST ANIMALS**
Developmental cycle of *Polymorphus minutus*. A. B. Romanovskii. Veterinarnii 11 no. 12:40-41 D '64.
- ACCELERATION (PHYSIOLOGY)**
Effect of acceleration on the ribonucleic acid content in Betz cells of the motor area of the cerebral cortex. D. I. Medvedev, Trudy Un. druzh. nar. 7 Vop. med. no. 1:165-170 '61.
Effect of small-rate Coriolis acceleration on the functional state of the human heart. R. A. Vartanov. Probl. kosm. biol. 4:343-348 '65.
Effect of sympathomimetic amines on the resistance of animals to the effect of acceleration. P. V. Vasil'ev, V. D. Belai. Pat. fiziol. i eksperiment. 8 no. 3:12-16 My-Je '65.
Effect of the combined action of acceleration, vibration and radiation on cell nuclei of the bone marrow in mice. M. A. Arsenova, L. A. Belkova, A. V. Golovkin. Probl. kosm. biol. 4:373-380 '65.
Methods of recording venous outflow in the animal brain vessels under the conditions of acceleration. V. I. A. Khusovitskii, V. F. Nikolayev. Probl. kosm. biol. 4: 587-592 '65.
Nature of electroencephalograms and the work capacity of a man under the influence of accelerations acting along the "back-chest" axis. A. S. Baxev, V. B. Zubavin. Probl. kosm. biol. 4:340-360 '65.
Nystagmographic analysis of the fast component of vestibular nystagmus evoked by radial acceleration. M. M. Levashov, Fiziol. zhur. 50 no. 12:1124-1133 D '61.
Reactions of the human organism to the action of landing stresses coming from various directions. G. P. Mikhlinov. Probl. kosm. biol. 4:11-51 '65.
Resistance of man to the action of short angular accelerations of gnatomphidous. V. M. Turov, M. V. Ostroshin, S. F. Orlov. Probl. kosm. biol. 1:70-74 '63.
- ACCELEROMETERS**
Characterization of an integrating accelerometer with a differentiating back coupling. N. I. A. Vovchenko. Trudy MAI no. 181:120-127 '65.
Fundamentals of the theory of inertial measurements of aircraft acceleration. I. I. Pomyakov. Trudy MAI no. 181:29-55 '65.
Inertial measurement of aircraft acceleration relative to earth. I. I. Pomyakov. Trudy MAI no. 181:20-75 '65.
- ACCLIMATIZATION**
Marshak, M. F. [Physiological bases of hardening the human organism] Fiziolicheskie osnovy zakalivaniia organizma cheloveka. 2. izd. [Leningrad] Meditsina, 1965. 148 p.
- ACCOMPLICES** see subdivision under Moscow
- ACCOUNTING**
In the Collegium of the Ministry of Finance of the U. S. S. R. Bukhg. uchot 22 no. 8:70 Ag '65.
In the Ministry of Finance of the U. S. S. R. Bukhg. uchot 22 no. 8:71-72 Ag '65.
Koylenko, E. V., and N. A. Udovenko. [Use of calculating machines in the standard method of accounting] Pri-meneniye schetykh mashin pri normativnom metode ucheta. Moskva, Finansy, 1965. 50 p.
On centralized accounting offices. N. Zarudnyi. Bukhg. uchot 22 no. 8:57-61 Ag '65.
Readers' comments and suggestions. Bukhg. uchot 22 no. 8:51-56 Ag '65.
- ACCOUNTING—CONGRESSES**
In the Methodological Council. Bukhg. uchot 22 no. 8: 72-75 Ag '65.

- AMNION**
Duration of individual mitotic cycle phases in human amnion cells in vitro. V. V. Terakikh, Izv. AN SSSR Ser. biol. no. 5:776-779 S-O '65.
Duration of mitosis and the mitotic cycle in an amniotic cell culture V. V. Terakikh, TSitologiya 6 no. 3 352-355 My-Je '64.
- AMOEBA**
Electric parameters of the membrane of Amoeba proteus Report No. 2: The motile amoeba, I. V. Balueva, TSitologiya 7 no. 4:553-561 Ji-Ag '65.
- AMPERES**
Determination of the ampere Izv. tekhn. no. 8:45-46 Ag '65.
- AMPEROMETRIC ANALYSIS** see Conductometric analysis
- AMPHIBOLES**
Mechanical properties of synthetic fibrous fluorine-containing amphiboles and some natural asbestos, E. M. Nadgornyi, L. F. Grigorieva, A. P. Ivanov, Izv. AN SSSR, Noorg. mat. 1 no. 7:1221-1228 Ji '65.
- AMPHOTERICIN**
Amphotericin and its clinical use, T. L. Savtcheva, Antibiotiki 10 no. 8 761-766 Ag '65.
- AMPLIFIERS (ELECTRONICS)**
Lerachovskii, G. A., and others. [Plasma and electronic microwave amplifiers and generators] Plazmennyie i elektronnyie usiliteli i generatory SVCh. Pod red. Z. S. Chernova. Moskva, Sovetskoe radio, 1965. 94 p.
D.c. amplifier. N. N. Evtikhiev, Izv. tekhn. no. 8:30-32 Ag '65.
Okun', L. M. [TU-5-4 repeating apparatus] Translatsionnaya apparatura TU-5-4 Moskva, Sviaz', 1965. 108 p.
Realization of polynomial amplifier circuits. V. L. Turin Sbor. trud. LILZHT no. 224:3-20 '64
Synthesis of two-stage RC selective amplifiers E. A. Malakhov Sbor. trud. LILZHT no. 224:133-140 '64
- AMPLIFIERS, ELECTRON-TUBE**
Amplifier stage with complex cathode circuit, G. P. Kisechov, Trudy LEI no. 10:147-150 '64.
Chudnovskii, I. A. [Correction of defects in amplifiers] Usilenie napravlenosti v usilitelakh. Moskva, Iskusstvo, 1965. 298 p. (Biblioteka kinomekhaniki)
Low-frequency amplifiers. V. Bol'shov, Radio no. 7: 33-35 Ji '65.
Narrow-band low-frequency amplifier for a translator bolometer, A. A. Shushchev, Izv. LFTI no. 52:151-158 '64.
Outer indicator for an eight-channel 8AH-7M amplifier, A. F. Vinogradov, A. V. Fedotov, Zav. lab. 31 no. 9: 1028-1029 '65.
Preamplifier for the measurement of variable electromagnetic fields in the audio frequency range, K. V. Malharovskii, V. K. Rybin, Geofiz. prib. no. 20:94-98 '64.
- AMPLIFIERS, TRANSISTOR** see Transistor amplifiers
- AMPUTATION**
Prosthesis and orthopedic aid following amputation of the extremities, M. S. Pevzner, M. V. Strukov, Ortop., travm. i protez. 28 no. 8:51-56 Ag '65.
- AMU DARYA—SHIPPING**
Amu Darya, the river of friendship, B. Suvorov, V. Volkov, Mor. flot 24 no. 8:30 Ag '64.
- AMU DARYA VALLEY—DRAINAGE**
Results of piezometric studies on open horizontal drainage in the lower course of the Amu Darya Valley, O. Nazarmamedov, Izv. AN Turk. SSR, Ser. biol. nauk no. 4:85-88 '65.
- AMU DARYA VALLEY—FLOWERS**
Vegetation of abandoned settlements, O. A. Mikhailson, Izv. AN Turk. SSR, Ser. biol. nauk no. 4:81-82 '65.
- AMU DARYA VALLEY—RELIEF MAPS**
Relief of the valley of Amu Darya in its middle course, O. Atakhanov, Izv. AN Turk. SSR, Ser. biol. nauk no. 3: 44-49 '65.
- AMU DARYA VALLEY—SAND**
Sands of the right bank of the Amu Darya River (between Burdalyk and Chaihangal), K. Velsov, Izv. AN Turk. SSR, Ser. biol. nauk no. 4:38-44 '65.
- AMUR PROVINCE—MITES**
Generic groups of rhinonyssid mites (Mesostigmata, Rhinonyssidae), the parasites of birds Report No. 2: New genus Locustellonyssus Zool zhur 44 no. 7 1092-1097 '65.
- AMUR PROVINCE—PARASITES—BIRDS**
Generic groups of rhinonyssid mites (Mesostigmata, Rhinonyssidae), the parasites of birds Report No. 2: New genus Locustellonyssus Zool zhur 44 no. 7 1092-1097 '65.
- AMUR RIVER—HARBORS**
Specialization of ports on the Amur River. N. Dunayev, I. Orlov Rech. transp. 24 no. 8:50 '65.
- AMUR RIVER—LAMPREYS**
Pacific lamprey fisheries in the Amur River, I. U. A. Gudoshnikov, M. L. Kiykhtin, Ryb. khoz. 41 no. 7, 17-18 '65.
- AMUR VALLEY—PALEOBOTANY, STRATIGRAPHIC**
Revision of Jurassic flora from the Amur Valley described by O. Iliesi, I. A. Dohruskina Paleont. zhur no. 3:110-118 '65.
- AMVROSIYEVKA DISTRICT—COLLECTIVE FARMS—INTERFARM COOPERATION**
From the work practices of farm enterprises, O. Pavli, Ekon. rad. Ukr. 8 no. 8:55-57 Ag '65.
- AMYLASES**
Activity of uropepsin and its diastase in gastric cancer T. P. Sapkina Trudy OMI no. 54:85-102 '64.
Amylase activity of the saliva in some precancer diseases in man. V. G. Tkachenko, Trudy OMI no. 54:71-75 '64.
- AMYLOIDOSIS**
Clinical aspects of primary atypical amyloidosis, M. A. Golovovskaya, I. U. G. Dergachova, Sov. med. 28 no. 8:80-81 S '65.
Umanskii, I. I. [Early diagnosis and treatment of amyloidosis in pulmonary tuberculosis] Rannii diagnostika i lecheniye amiloidozu pri tuberkulez' i lehen'. Kyiv, Zdrav'ya, 1965. 207 p. (Biblioteka prakticheskoi likarii) (DNL)
- ANALOG-TO-DIGITAL CONVERTERS**
Centralized functional data transformation, V. L. Slavinskii, Trudy MEI no. 52:103-130 '63.
Isolating a signal from its nonlinear conversion on the background of random interferences E. P. Gil'bo, Trudy LPI 252:127-132 '65.
Relationship between random errors of an analog-to-digital converter with an automatic correction of systematic errors and the noise of elements of its circuit, M. A. Zemel'man, Avtometriya no. 2:58-62 '65.
- ANALOG-TO-DIGITAL CONVERTERS—MATHEMATICAL MODELS**
Set of components for idealized models of analog-to-digital converters, P. E. Tverdokhlebov, Avtometriya no. 2:43-52 '65.
- ANALYSIS (MATHEMATICS)** see Functions
- ANALYSIS, THERMAL** see Thermal analysis
- ANALYTIC FUNCTIONS** see Functions, Analytic
- ANALYTIC GEOMETRY** see Geometry, Analytic
- ANALYTIC MECHANICS** see Mechanics, Analytic
- ANALYTICAL CHEMISTRY** see Chemistry, Analytical
- ANAPHYLAXIS**
Anaphylactic reaction to the introduction of some filling materials into the root canal, A. Ju. Zaidenshtein, Nauch. trudy Kaz. gos. med. inst. 14:177-178 '64.
Changes in hemopoiesis in anaphylaxis, E. P. Somova, Pat. fiziol. i eksp. terap. 8 no. 4:82-85 Ji-Ag '65.
Changes in the activity of aldolase, glutamic-oxaloacetic and glutamic-pyruvic transaminases of the blood serum in anaphylactic shock, B. I. Rudyk, Pat. fiziol. i eksp. terap. 9 no. 3:70-71 My-Je '65.
Effect of the changed state of the nervous system on the development of protein sensitization of the organism, A. A. Abinder, V. G. Filimonov Pat. fiziol. i eksp. terap. 9 no. 3:76-77 My-Je '65.
Some regularities of the antianaphylactic effect of non-specific therapy: results of the use of neobenzinol, T. Kairukaitis, Pat. fiziol. i eksp. terap. 9 no. 4:77-79 Ji-Ag '65.
- ANASTASIYEVKA-TROITSKOYE OIL FIELD—OIL FIELD FLOODING**
Determination of the nature of flooding of well IV in the Maotic horizon of the Anastasiyevka-Troitskoye field based on the parameters of production performance, V. A. Amian and others, Neftprom. delo no. 8:3-5 '65.
- ANATOMICAL SPECIMENS**
Dal', K. K. [Manual for workers of anatomical and zoological museums and departments of biology] Rusobol'dna rabotnikov anatomiko-zoologicheskikh muzeev i kafedr biologii, Dushanbe, Izd-vo AN Tadzhikskoi SSR, 1965. 98 p.
- ANATOMY, HUMAN—STUDY AND TEACHING** see subdivision under Kiev
- ANATOMY, PATHOLOGICAL**
Angioarchitectonics of gliomas (tumors of the stomach; a single observation, I. K. Nikolaev, Vop. onk. 11 no. 9:82-85 '65.
Cholesteatomas of the brain according to materials of projections performed in Omsk I. S. Novitskii Trudy OMI no. 54:25-28 '64.
Clinical and anatomical paraffin in meningiomas (arachnoidoelithomas) of the brain V. V. Veselova, I. I. Nikitina, Trudy OMI no. 54:27-35 '64.
Epidermal intracranial cholesteatomas, I. N. Savchenko, A. S. Zinov'ev, Trudy OMI no. 54:21-25 '64.
Pathomorphological changes in the nervous system following sudden death from acute coronary insufficiency without pronounced organic changes in the heart, G. M. Tsvetkova, Sud.-med. eksp. 8 no. 3:9-11 Ji-S '65.
Pathomorphology of cancer of the body and tail of the pancreas, V. Ia. Mikhlinov, Trudy OMI no. 54:131-140 '64.
Primary cancer of the lungs according to materials of autopsies performed in Omsk V. L. Kovalenko Trudy OMI no. 54:17-20 '61.
- ANCHORAGE**
Building mooring places for large-tonnage tankers, L. Sorokin, Mor. flot 24 no. 8:39-42 Ag '61.
Gorshunov, B. F., and A. Ia. Korshagina. [Mooring and berthing dolphins] Prichal'nye i otboynye paly, Moskva, Transport, 1965. 90 p.
- ANCHORS**
Standardized anchor chain markings A. Veinberg, Mor. flot 25 no. 9:18 '65.
- ANDAMAN ISLANDS—PYGMIES**
The pygmies of the Andaman Islands, A. Ashraf, Afr. seg. 9 no. 8:50-51 Ag '65.
- ANDIZHAN PROVINCE—GAS, NATURAL—PIPELINES**
The Andizhan asbestos-cement gas pipeline, F. Raseulev, Ispol. gaz. v nar. khoz. no. 2:31-35 '63.
- ANDIZHAN PROVINCE—PIPE, ASBESTOS-CEMENT**
The Andizhan asbestos-cement gas pipeline, F. Raseulev, Ispol. gaz. v nar. khoz. no. 2:31-35 '63.
- ANECDOTES** see subdivision under Iran
- ANEMIA**
Case of congenital falciform cell anemia in a 7-year-old girl, N. M. Ismailova, Arzh. med. zhur. 42 no. 4: 67-69 Ap '65.
Hemoglobin synthesis in anemia, B. I. Arlykova, Trudy TSU 77:86-89 '65.
Some hematological indices in infectious polyarthritides in children, S. V. Levitskaya, Trudy TSU 76:15-30 '65.
- ANEMOMETER**
One method of measuring the speed of an airstream in ventilated columns of meteorological instruments and in ventilation apparatus, S. I. Nepomniashchii, Trudy NIIGMP no. 11:113-115 '65.
Wind gauges for tower cranes, L. I. Zelentsova, O. A. Khovanakii, Mekh. stroit. 22 no. 7:25 Ji '66.
- ANESTHESIA**
Anesthetic premedication with steroids in experimental traumatic shock, I. S. Badiugin, Nauch. trudy Kaz. gos. med. inst. 14:81-83 '64.
Changes in venous pressure during anesthesia with artificial pulmonary ventilation in surgery for tumors of organs of the abdominal cavity, A. N. Chelushkin, Vop. onk. 11 no. 9:30-36 '65.
Effect of anesthesia and aminazine on respiration under excessive intrapulmonary pressure, V. A. Safonov, Biol. eksp. biol. i med. 60 no. 8:77-82 Ag '65.
Electroencephalographic control of the depth of anesthesia in the orthopedic surgery of children, N. G. Dandua, K. V. Ljubarskaya, Soob. AN Gruz. SSR 39 no. 2: 493-497 Ag '65.
Structural and histochemical changes in the central nervous system under the conditions of narcosis and hibernation of killed dogs by instant decapitation, A. G. Kavkasidze, Soob. AN Gruz. SSR 30 no. 2:487-470 Ag '65.
- ANESTHESIA IN DENTISTRY**
Anesthesia in orthopedic stomatology, D. N. Dzhumadiloev, Nauch. trudy Kaz. gos. med. inst. 14:415-418 '64.
New approach to anesthesia affecting the hard tissues of the tooth, G. D. Ovrutskii, Nauch. trudy Kaz. gos. med. inst. 14:503-504 '64.

- APARTMENT HOUSES—FOUNDATIONS**
Experimental construction of residential buildings, the losses of which is compensated by their dead weight. B.I. Chernyi and others. Izv. vuz. ucheb. zav., stroi i arkh. 8 no. 9 20-26 '65.
- APARTMENT HOUSES—HEATING AND VENTILATION**
Use of vinyl plastic pipes for supplying gas to residential buildings. G.B. Zhukov. Izpol' gaza v nat.khoz., no. 2: 41-46 '61.
- APARTMENT HOUSES—STATISTICS**
In the propaganda-the notebook. Eksp. Rad. Ukr. 8 no. 8 05 Ag '65.
- APARTMENT HOUSES, COOPERATIVE—FINANCE**
Important practice in extending long-term credit. D. Pud'kov. Fin. SSSR 39 no. 9 40-51 S '65.
- APATITE**
Composition and physical properties of manganese apatites from pegmatites of the natolite type. V.V. Gordenko, A.P. Denisov, V.V. Kolesnikov. Min i geokhim., no. 1 46-56 '64.
- APHASIA**
Some pathophysiological neural mechanisms of epileptic oligophrenia. A.Z. Gulubkov. Zhur. neur. i psikh. 65 no. 9 1365-1370 '65.
- APHELINIDAE**
Role of the parasite *Aspidiotiphagus citrinus* (C.w.), (Hymenoptera, Aphelinidae) in lowering the population of injurious scale insects in the subtropical regions of the U.S.S.R. B.B. Chumakova. Ent. obozr. 44 no. 3: 520-526 '65.
- APHID FLIES** see subdivision under *Voronozh Preserve*
- APOPLEXY**
Cerebellar hemorrhages in acute leukemia. I.S. Vakhman. Zhur. neur. i psikh. 65 no. 9 1310-1343 '65.
- APPARENT DEATH** see *Death, Apparent*
- APPENDECTOMY**
Elements of external respiration in some variants of exercise therapy following appendectomy. I.M. Kondrat'ev, A.G. Isakov. Vopr. tur., fizioter. i lech. fiz. kul't. 30 no. 4: 367-368 Ji-Ag '65.
- APPENDICITIS**
Cytologic diagnosis of appendicitis. E.S. Moskvitina. Lab. delo no. 8 477 '65.
- APPLE**
Use of apogeotropism in the accelerated propagation of small-growing apple rootstocks. I.P. Bereznoi. Agrobiologiya no. 5: 769-770 S-O '65.
- APPLE—DISEASES AND PESTS**
(see also subdivision under *Kazakhstan*)
Action of some organic and inorganic compounds on chlorotic apple trees. G.V. Medoka, A.G. Kondrat'eva. Khim. v sel' kh. 3 no. 6 32-31 Ag '65.
Effective method for controlling the codling moth *Carpocapsa pomonella*. V.A. Starets, V.S. Babii. Khim. v sel' kh. 3 no. 6: 25-28 Ag '65.
- APPLE—FERTILIZERS AND MANURES** see subdivision under *Kirovskan region*
- APPLE—STORAGE**
Preservation of "Pepin Saffron" apple in polyethylene packaging. L.I. Avelina, G.N. Tselatnikova, M.A. Ivanova. Kons. i ov. prom. 20 no. 9: 15-17 S '65.
- APPLE BREEDING** see subdivision under *Alma-Ata Province*
- APPLE JUICE—STORAGE**
Changes in the quality of apple juice packaged in containers made from polymeric materials during storage. L.P. Grishina, M.I. Nukhaeva, T.A. Podkopaeva. Kons. i ov. prom. 20 no. 8: 10-12 Ag '65.
- APPROXIMATE COMPUTATION**
An approximate method of determining transfer functions for the sections and systems of automatic control by transient response. A.N. Meriuta. Izv. DGI 41 pt. 2: 20-26 '63.
Some problems in the approximate computation of oscillations of linear systems of mass. B.I. Krjukov, V.N. Trudov. Izv. DGI 41 pt. 2: 15-18 '62.
Use of digital computers for the approximation of discrete fields. V.A. Rozhkov, V.N. Vasil'ev. Trudy GOIN no. 86: 112-123 '65.
- APRICOT—FROST RESISTANCE** see subdivision under *Sivash region (Ukraine)*
- APRICOT BREEDING**
Effectiveness of geographically remote crossing and conditioned development of apricot. F.G. Tvetitnyy. Agrobiologiya no. 5: 553-556 S-O '65.
- APSHERON PENINSULA—BITS (DRILLING AND BORING)**
Investigating the performance of bits and turbodrills in the Zytia and Karadag areas. N.M. Dzhalilov and others. Sb. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft, prom. no. 6: 94-101 '63.
- APSHERON PENINSULA—TURBODRILLS**
Investigating the performance of bits and turbodrills in the Zytia and Karadag areas. N.M. Dzhalilov and others. Sb. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft, prom. no. 6: 94-104 '63.
- AQUARIUMS**
Keeping fish in domestic aquariums with Chlorofila and without it. L.M. Antsyabkina and others. Prikl. kosm. biol. 1 646-651 '65.
- ARAB COUNTRIES—CULTURAL RELATIONS**
Great Britain and the Arabs on the eve of the First World War. Al'-Ikhzati Hashim Saleh. Vest. Mosk. un. 5: 9 1st 26 no. 5 35-47 S-O '65.
- ARAB COUNTRIES—HISTORY**
Lutskii, V.B. [Modern history of the Arab countries] Novaya istoriya arabskikh stran. Moskva, Nauka, 1965, 371 p.
- ARABIA, SOUTHERN—POLITICS**
The events in Southern Arabia. IU. Bochkarev. Nov. Vrem. 23 no. 40: 9-12 O '65.
- ARABIAN SEA—OCEANOGRAPHY**
Volumetric statistical T-S analysis of water masses of the Arabian and Red Seas. B.I. Dubrovinn. Okeanologiya 5 no. 4 642-645 '65.
- ARABIC LANGUAGE—DICTIONARIES—RUSSIAN**
Danilov, I.S., V.I. Ryzhkov, and M.G. Anisimov, comps. [Arabic-Russian and Russian-Arabic military dictionary] Arabsko-russkii i russko-arabskii voyennyi slovar'. Pod red. I.S. Danilova. Moskva, Voenizdat, 1965, 704 p.
- ARABIC MATHEMATICS** see *Mathematics, Arabic*
- ARACHNIDACTYL**
Marfan's syndrome. O.D. Igumenov, L.S. Solov'eva. Sov. med. 28 no. 8 121-123 Ag '65.
- ARAL SEA—SEAWATER—COMPOSITION**
Some data on the underground component of the water and salt balance of the Aral Sea. V.P. L'vov. Trudy GOIN no. 83: 207-212 '65.
- ARAL SEA REGION—WATER, UNDERGROUND—COMPOSITION**
Some data on the underground component of the water and salt balance of the Aral Sea. V.P. L'vov. Trudy GOIN no. 83: 207-242 '65.
- ARAS VALLEY—GEOLOGY, STRUCTURAL**
New geophysical data on the structure of crystalline basement in the region of the Araks and Kura junction. A.A. Ali-zade, M.M. Radzhabov, D.L. Teleshko. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3: 12-16 '65.
- ARAS VALLEY—ORE DEPOSITS**
Basic characteristics of metallogeny in the Aras tectonic zone. Sh.A. Azizbekov and others. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3: 25-34 '65.
- ARBITRATION AND AWARD**
(see also subdivision under *Ukraine*)
Arbitration practice in litigations resulting from ocean freight shipments. K.I. Sedunov. Sov. gos. i pravo 35 no. 9: 86-92 S '65.
Improve the structure of state arbitration. I. Dashkevich. Sov. iust. 20 no. 16: 15-16 Ag '65.
Procedure for the execution of the decisions of state arbitration agencies need to be revised. D. Tkachev, P. Vinogradov. Sov. iust. 20 no. 37: 29 S '65.
- ARBITRATION AND AWARD—CASES** see subdivision under *Ukraine*
- ARCHAEOLOGICAL RESEARCH** see subdivision under *Chirchik Province; Kazakhstan*
- ARCHAEOLOGY** see subdivision under *Europe, Eastern; Ukraine; White Russia*
- ARCHAEOLOGY—BIBLIOGRAPHY** see *Bibliography—Archaeology*
- ARCHANGEL PROVINCE—CAVES**
Kulogorsk gypsum cave. A.G. Chiklishev. Trudy MOIP 15: 126-137 '65.
- ARCHANGEL PROVINCE—CRIMINAL INVESTIGATION**
Raising work qualifications. M. Ruznikov. Sois. zakon. 42 no. 9 67-68 S '65.
- ARCHANGEL PROVINCE—FOLK ART**
An artistic tradition in the North of the Archangel Province, 18th and 19th centuries. T.A. Buznashina. Sov. etn. no. 3: 171-138 My-Je '65.
- ARCHANGEL PROVINCE—VETERINARY MEDICINE**
Socialist obligation of veterinary specialists. Veterinariia 12 no. 7: 10-11 Ji '65.
- ARCHITECTURAL AND DECORATIVE LIGHTING** see *Lighting, Architectural and decorative*
- ARCHITECTURE**
(see also subdivision under *Estonia*)
Raise the Soviet architecture to the level of the demands of communist construction. G. Orlov. Arkh. SSSR no. 9: 1-5 '65.
- ARCHITECTURE DOMESTIC**
A castle in the air is unhabitable. I. Dolot. Mol. komm. no. 9: 66-72 S '65.
- ARCHITECTURE AND CLIMATE**
Characteristics of a dwelling under conditions of the southern continental climate. L. Babayan. Arkh. SSSR no. 9 58-62 '65.
- ARCHIVES—INVENTORIES, CALENDARS, ETC.**
Kai naukova, O.E. [Account and verification of the presence and condition of documentary materials of the State Archive collection of the U.S.S.R.] Ucheb. proverka nalichia i sostoianiia dokumental'nykh materialov gosudarstvennogo arkhivnogo fonda SSSR. Pod red. K.I. Rudol'son. Moskva, Mosk. gos. istoriko-arkhivnyi in-t, 1964, 82 p. (NNC)
- ARCTIC REGIONS—AERONAUTICS IN SURVEYING**
Practice in using a proton-proton magnetometer in the aeromagnetic surveying of the Arctic Ocean. A.M. Korasik, A.S. Morozov. Geofiz. prib. no. 10: 71-85 '64.
- ARCTIC REGIONS—HORIZON, DIP OF**
Dip of the visible horizon in the Arctic. A. Tarasov. Mol. flot 24 no. 8: 19-21 Ag '64.
- ARCTIC REGIONS—WINDS**
Dependence of wind coefficients in the Arctic basin on the wind velocity and ice thickness. A.I. Fel'tzenbaum. Dokl. AN SSSR 161 no. 3: 656-659 S '65.
- ARGILLITE** see subdivision under *Carpathian Mountains*
- ARGON**
Golovko, G.A. [Apparatus and equipment for the recovery of argon] Apparaty i ustanovki dlia proizvodstva argona. Moskva, Mashinostroyeniye, 1965, 162 p.
Studying the process of air separation with recovery of crude argon as applied to low-pressure units. G.B. Narinskii, B.D. Kravkovskii, K.A. Kazukova. Trudy VNIIMASH no. 10: 47-68 '66.
- ARISTOTELIS**
Dovatur, A.I. [Aristotle's Politics and Politika] Politika i Politika Aristotelia. Moskva, Nauka, 1965, 388 p.
- ARITHMETIC**
Shvetsov, K.I., and G.P. Bezz. [Textbook on elementary mathematics; arithmetic, algebra] Spravochnik po elementam matematike, arifmetika, algebr. Kiev, Naukova dumka, 1965, 414 p.
- ARITHMETIC—AUDIO-VISUAL AIDS**
Didactic games in arithmetic of the 1st and 2d grade students. N.V. Ogarkova. Nach. shkola 33 no. 6: 77-81 Ag '65.
- ARITHMETIC—PROBLEMS, EXERCISES, ETC.**
Making up problems on agricultural topics. V.N. Deriushchev. Nach. shkola 33 no. 9: 34-38 S '65.
- ARITHMETIC—STUDY AND TEACHING**
An algorithm of the power of apprehension in the solution of arithmetical problems by the tabular method. G.A. Guzik. Trudy Chel. gos. ped. inst. 2: 66-78 '64.
Differentiated teaching of arithmetic in the 1st grade. I.A. Popova. Nach. shkola 33 no. 7: 26-33 Ji '65.
Graph-scheme of the algorithm for solving arithmetical problems by the tabular method. G.A. Guzik. Trudy Chel. gos. ped. inst. 2: 70-87 '64.
Improving the efficiency of teaching mental arithmetic in grades 3 and 4. O.B. Poliak. Nach. shkola 33 no. 8: 48-53 Ag '65.
Studying the childrens' proficiency in arithmetic. V.N. Deriushchev. Nach. shkola 33 no. 8: 52-53 Ag '65.

- CONSTRUCTION EQUIPMENT—ABSTRACTS**
[Construction equipment and road machinery] Ref. zhuk. Stroi. i dor. mash. no. 9 S '65.
- CONSTRUCTION EQUIPMENT—MAINTENANCE AND REPAIR**
Dubasov, A. A. [Use of plastics in the repair of construction equipment] Primennye plastmass pri remonte stroitel'nykh mashin. Moskva, Stroizdat, 1965, 195 p.
- CONSTRUCTION EQUIPMENT—STANDARDS**
Take into account characteristics of the construction of pipelines in determining the annual standards of machine utilization. P. M. Berman, P. A. Davidovich. Stroi. truboprov. 10 no. 9:36 S '65.
- CONSTRUCTION EQUIPMENT INDUSTRY—EXHIBITIONS**
For you, builders! Inform. biul. VDNKH no. 9:21-22 S '65.
- CONSTRUCTION INDUSTRY**
(see also subdivision under Moldavia, Virgin Territory)
Basic trends in the development of hydromechanization B. M. Shkudin. Mekh. stroi. 22 no. 5:2 of cover -1 S '65.
If the objectives of construction industry and automotive transportation workers are common. M. Frumkin. Avi. transp. 43 no. 8:52-53 Ag '65.
In the State Committee on Civil Construction and Architecture attached to the State Committee on construction of the Council of Ministers of the U.S.S.R. Arkhiv. SSSR no. 9:62 '65.
Plan in the Scientific and Technical Society of the Construction Industry. Prom. stroi. 42 no. 8:48 '65.
Special item exhibitions and shows; construction industry. Inform. biul. VDNKH no. 10:33-35 O '62.
- CONSTRUCTION INDUSTRY—ACCOUNTING**
Incident. B. Shufchuk. Bukh. uch. 22 no. 8:48-50 Ag '65.
- CONSTRUCTION INDUSTRY—COSTS**
(see also subdivision under Ukraine)
Methods of analyzing the repair cost of residential cost of buildings. I. A. M. Druian. Nauch. trudy AKKH no. 31:3-19 '64.
- CONSTRUCTION INDUSTRY—FINANCE** see subdivision under North Kazakhstan Province
- CONSTRUCTION INDUSTRY—INFORMATION SERVICES**
"Construction catalog" as a form of reference book of materials. V. I. Kotsakov, L. K. Letov. NTI no. 7:12-14 '65.
- CONSTRUCTION INDUSTRY—HANDBOOKS, MANUALS, ETC.** see subdivision under White Russia
- CONSTRUCTION INDUSTRY—LAWS AND REGULATIONS**
Zverev, A. G. [Handbook on the problems of labor law for construction workers and workers of building materials plants] Pamiatka po voprosam trudovogo zakonodatel'stva dlia rabochikh stroitel'stva i predpriyati stroitel'nykh materialov. Moskva, Stroizdat, 1965, 68 p.
- CONSTRUCTION INDUSTRY—MANAGEMENT**
(see also subdivision under Kazakhstan)
Don't rest on the achieved. Inform. biul. VDNKH no. 9:17-19 S '65.
- Zalmanova, M. E.** [Economics of construction in questions and answers] Ekonomika stroitel'stva v voprosakh i otvetakh. 2., dop. i perer. izd. Moskva, Politizdat, 1965, 254 p.
- CONSTRUCTION INDUSTRY—PRODUCTION STANDARDS**
The norms system of the construction industry and its use for determining the economic efficiency. B. S. Vainshteyn. Sbor. nauch. inform. Nauch. sov. po elf. oon. fond. kap. v lozh. i nov. tekhn. AN SSSR no. 7:53-68 '65.
- CONSTRUCTION INDUSTRY—SCHEDULING**
Ensure the success of the last year of the seven-year plan. K. K. Smirnov. Stroi. truboprov. 10 no. 9:1-3 S '65.
Experience in planning the construction work. R. M. Dol'nik and others. Prom. stroi. 43 no. 9:34-37 '65.
Graphic work schedules in the continuous construction of industrial buildings. S. N. Bulgakov. Prom. stroi. 43 no. 9:25-31 '65.
Lisogor, S. M., ed. [Experience in using graphic work schedules and electronic computers in construction and planning] Opyt primeneniia sovetnykh grafikov i EVM v stroitel'stve i proektirovani. Moskva, TSentr. In-t nauchn. informatsii po stroitel'stvi i arkhitekt., 1964, 77 p.
- [MICROFILM]
- CONSTRUCTION INDUSTRY—TECHNOLOGICAL INNOVATIONS**
Efficiency promotion measures and efficiency suggestions in capital construction. A. K. Urchenko. Vest. LGU 20 no. 17:118-127 '65.
- CONSTRUCTION WORKERS** see subdivision under Kirghizistan, Magulogorsk, Virgin Territory
- CONSTRUCTION WORKERS—EDUCATION AND TRAINING** see subdivision under Tatar A.S.S.R.
- CONSUMERS**
Comply with the requirements of the trade for canned vegetable and fruits. A. G. Pollakov. Kons. i ov. prom. 20 no. 9:1-2 S '65.
- CONSUMPTION (ECONOMICS)**
Consumer budget in national economic planning. G. Korovkin, N. Kirichenko. Plan. khoz. 42 no. 9:23-32 '65.
[Production, accumulation, and consumption] Proizvodstvo, nakoplenie, potreblenie. [By] V. G. Venzhe i dr. Moskva, Ekonomika, 1965, 303 p.
Shvyikov, V. V. [Regularities in the consumption of industrial and food commodities] Zakonomernosti potrebleniia promyshlennykh i prodovol'stvennykh tovarov. Moskva, Ekonomika, 1965, 280 p.
- CONTAINERS**
The discussion about containers is not over. N. Smotrina, R. Kulazeva. Sov. torg. 38 no. 9:20-22 S '65.
- CONTAINERS—VIBRATION**
Vibrations of a rigid vessel filled with outflowing liquid. M. P. Petrenko. Prikl. mekh. 1 no. 8:135-138 '65.
- CONTINUED FRACTIONS** see Fractions, Continued
- CONTINUOUS CASTING—COSTS**
Economics of the continuous pouring of carbon steel. A. N. Emel'yanov, S. A. Cherlov. Sbor. trud. TSNIIChM no. 45:91-100 '65.
- CONTINUOUS FUNCTIONS** see Functions, Continuous
- CONTRACTS**
The economic contract as a tool of socialist planning. F. Rabinovich. Kommunist 42 no. 14:64-71 S '65.
- CONTRACTURE**
Experimental posttraumatic contracture of the elbow joint. A. U. Segizbaev, G. V. Semenov. Ortop. i travm. i protez. 26 no. 8:76-77 Ag '65.
- CONTRAST MEDIA**
Our experience in the use of the Soviet preparation biligost in the examination of the gallbladder and bile ducts. V. A. Zhirnov. Nauch. trudy Kaz. gos. med. inst. 14:27 '64.
- CONVERGENCE**
Equivalence of the conditions for convergence of Fourier series. M. K. Potapov. Mat. shor. 68 no. 1:111-127 S '65.
New criteria of convergence in the method of successive approximations. A. E. Martynuk. Uch. zap. Kaz. un. 124 no. 6:183-188 '64.
Some characteristics of bases of absolute convergence, and stability theorems. B. E. Velts. Izv. vys. ucheb. zav., mat. no. 4:24-38 '65.
Two remarks on the improvement of convergence by interpolation. V. I. Krylov. Dokl. AN BSSR 9 no. 7:429-431 Ji '65.
- CONVERTERS**
Energy requirements and organization of heat and power systems of oxygen-blown converter plants. P. S. Kolobkov. Energ. i elektrotekh. prom. no. 3:24-27 Ji-S '65.
- CONVERTERS—DESIGN AND CONSTRUCTION**
Blowing of cast iron in high-capacity converters. V. M. Baranov and others. Metallurg 10 no. 9:15-18 S '65.
- CONVEX BODIES**
Using the theory of convex bodies and figures for the morphological classification of irregularly shaped bodies. S. V. Gol'din. Geol. i geofiz. no. 8:120-124 '65.
- CONVEYING MACHINERY**
Analysis of the existing and elaboration of new systems and means of transportation in high-speed horizontal mining. N. N. Petukhov, S. V. Kobayev. Trudy TSNII Podzemshakhtostroia no. 3:101-120 '64.
Automatic control of raw material feed in sintering plants. N. V. Degterik, A. V. Drimbo. Mekh. i avtom. protzv. 10 no. 9:11-12 S '65.
Automatic device for counting the production and stopping the conveyor. B. F. Dikii. Kons. i ov. prom. 20 no. 9:10-11 S '65.
- Automotive motion of carts of an overhead push conveyor on inclined tracks. V. K. Dzhukhov. Mekh. i avtom. protzv. 19 no. 7:31-36 Ji '65.
- Basic trends in the development of continuous conveying systems. M. N. Zaikin, V. A. Antonov. Mekh. i avtom. protzv. 10 no. 9:1-5 '65.
Continuous action proportioning unit for free flowing materials. N. I. Shikhiev and others. Nauch. i izv. 24 no. 5:46-48 My '65.
Conveying semifinished products at the spinning mills Z. I. Kleinerman, V. V. Maiboroda. Mekh. i avtom. protzv. 10 no. 8:10-21 Ag '65.
Determining the strength of rubberized-fabric conveyor belts. M. A. Kotov, D. Sh. Monastyrskii. Nauch. soob. IGD 26:83-88 '65.
Device for measuring the quantity of material on a scraper conveyor. I. U. N. Grigor'ev, I. D. Kukharov, V. A. Markelev. Mekh. i avtom. protzv. 19 no. 7:30-32 Ji '65.
Double-deck overhead conveyor for finishing shops and sections. L. S. Borodumov. Shveln. prom. no. 4:30-31 Ji-Ag '65.
Experimental investigation of some problems of vibration transportation. E. T. Rubimovich, I. P. Goncharov. Nauch. soob. IGD 26:100-106 '65.
Intermediate unloading of conveyors. A. I. Zilberberg. Avi. prom. 31 no. 9:36-37 S '65.
Mechanization of the removal and conveying of scrap metals. V. A. Korolov, K. A. Kiklevich. Mekh. i avtom. protzv. 10 no. 7:10-24 Ji '65.
Problem of elliptic conditions in the oscillations of vibration machines. V. D. Voronov, L. I. Goncharov. Nauch. soob. IGD 26:106-100 '65.
Problem of selecting a means of conveyor transportation in coal mining by short walls with remote control of the equipment. V. A. D'nikov, M. A. Kotov. Nauch. soob. IGD 26:10-01 '65.
Prospects of the development of conveying in factories. Mekh. i avtom. protzv. 10 no. 9:53-51 S '65.
Tie beam with tongue. V. A. Gurevich, N. G. D'linkov, I. U. P. Kalagin. Mekh. i avtom. protzv. 10 no. 9:15 S '65.
Tolerated flexures in carrying structures with suspension conveying systems. I. A. I. Kriantfeld, I. K. Loslevskii, M. E. Rumov. Prom. stroi. 43 no. 8:14-16 '65.
Using the LTM-1 automatic scales in stationary belt conveyors. V. A. Mirozov. Biul. tekhn. ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 10 no. 7:50-52 Ji '65.
Vibratory transportation of free-flowing materials in the production of ferment preparations. L. I. Golger. Ferment. i spirit. prom. 31 no. 6:23-27 '65.
- CONVEYING MACHINERY—DESIGN AND CONSTRUCTION**
Selection of parameters and computation of the carrying capacity of a conveying belt with partitions for steeply inclined conveyors. G. D. Artemova. Nauch. soob. IGD 26:94-100 '65.
- CONVEYING MACHINERY—ELECTRIC DRIVING**
Determining the maximum loads of the traction chain of inclined multidrive apron and belt-chain conveyors. G. N. Kost. Nauch. soob. IGD 26:62-70 '65.
Experimental results of the adjustment of a two-engine electric drive of a superheavy conveyor. V. I. Fedorov, E. V. Prokof'ev. Izv. vys. ucheb. zav., gor. zhur. 8 no. 7:167-169 '65.
- CONVEYING MACHINERY—PARTS**
Automatic centering regulator for conveyor belts. B. N. Popel'nik. Mekh. i avtom. protzv. 19 no. 7:30 Ji '65.
Experimental testing of the elasticity of rubber rope belts in the field. G. N. Kost, V. A. D'nikov. Nauch. soob. IGD 26:71-74 '65.
- CONVEYING MACHINERY—RELIABILITY**
Increasing the reliability of grain bucket conveyors. V. Naidenov. Tekh. v sel'khoz. 25 no. 8:67-69 Ag '65.
- CONVEYING MACHINERY—SAFETY APPLIANCES**
Safe machinery for rural workers. D. Kol'bein. Okhr. truda i sots. strakh. 8 no. 9:23 S '66.
- CONVEYING MACHINERY—TESTING**
Experimental testing of the KL-2 belt conveyor. G. N. Kost and others. Nauch. soob. IGD 26:40-40 '65.
Investigating dynamic fatigue stress of a belt. M. A. Kotov, I. U. I. Grigor'ev. Nauch. soob. IGD 26:74-82 '65.
Operating conditions of the drive drum of a belt conveyor. V. A. D'nikov, M. A. Kotov. Nauch. soob. IGD 26:116-120 '65.
Wear of the parts of a scraper chain and the chute of a flexible conveyor. V. I. Druzhinin, V. I. Matantev, Izv. vys. ucheb. zav., gor. zhur. 8 no. 7:145-147 '65.

FUNGUS DISEASES see Mycosis

FUR—CLEANING

Chemical plant for the preparation of soda-soap solutions. P. E. Kogan, G. G. Zub, Kozh.-obuv. prom. 7 no. 8:27-28 Ag '65

FUR—DRESSING AND DYEING

Use of polyacrylates for the strengthening of the skin of sheep pelts. T. A. Shmeleva and others. Kozh.-obuv. prom. 7 no. 9:33-35 S '65.

FUR, ARTIFICIAL see Artificial fur

FUR FARMING see subdivision under Maritime Territory, Yellovo District

FURALDEHYDE

In the Scientific Council on the Problems of the Utilization of Pentosan-Containing Raw Materials. Gidroliz. i lesokhim. prom. 18 no. 6:31 '65

Production of furfural by the method of rapid dehydration of pentose hydrolyzates in high-boiling oils. M. I. Goriov, Kh. M. Mifutov, V. K. Satalina. Izv. AN Kazakh. SSR Ser. khim. nauk 15 no. 2:83-86 Ap-Je '65.

FURAN

Copolymerization of tetrahydrofuran with α -oxides. B. A. Rozenberg and others. Vysokom. soed. 7 no. 6:1010-1015 Je '65

Single-electron polarographic reduction of 2-nitrofuran and its derivatives in water-alcohol media. I. A. P. Stradyn', G. O. Reikhsman, R. A. Gavar. Elektrokhimika 1 no. 8:955-961 Ag '65.

2-Furyl and 5-nitrofuryl 2-acetylene ketones. S. A. Giller and others. Dokl. AN SSSR 181 no. 1:99-102 S '65.

FURANPROPIONIC ACID

Interaction between esters of β -tetrahydrofuran propionic acid and its α -alkyl-substituted derivatives and phosphorus trichloride. I. F. Bel'skii and others. Izv. AN SSSR Ser. khim. no. 9:1670-1671 '65.

FURNACES

Criteria for the description of heat exchange in a furnace with stationary heat conditions. V. M. Shevchuk, Izv. vuz. ucheb. zav., chem. met. 8 no. 9:195-200 '65.

Furnace systems for the burning of toxic industrial wastes. M. V. Lykov, A. A. Iasinovskii. Khim. prom. 42 no. 8:582-585 S '65.

Installation of pins and gunite linings in furnace screens of boilers with liquid slag removal. M. A. Tsetlin. Energ. i elektrotekh. prom. no. 3:57-58 Ji-S '65

FURNACES, HEAT-TREATING—DESIGN AND CONSTRUCTION

Design of a gas-fired hearth. B. M. Koganson. Gaz. prom. 10 no. 8:25-29 '65.

FURNACES, HEATING

Air preheating in an open flame in furnaces for nonoxidizing heating. V. A. Kuroedov. Kuz.-shtam. prom. 7 no. 8:31-37 Ag '65

Characteristics of the heating of steel ingots in molten glass. A. D. Akimenko, A. I. Kozlov, A. A. Skvortsov. Kuz.-shtam. prom. 7 no. 9:37-38 S '65.

Economic efficiency of the use of flame furnaces with nonoxidizing heating. V. N. Kostinokov, A. E. Litinov, V. V. Gorodetskii. Mashinostroenie no. 5:80-82 S-O '65.

Heating of steel ingots in molten glass. E. G. Shadek. Kuz.-shtam. prom. 7 no. 9:36 S '65.

Investigating the performance of the fanless heating unit designed by engineers V. A. and B. V. Shushpaikov, N. V. Mashanova and others. Sbor. KuzNIUI no. 10:202-221 '64.

"Light stroke" in furnace welded pipe seams. U. I. Dattel, R. M. Khudinkova. Svar. prom. no. 3:12-14 Mr '64.

FURNACES, HEATING—DESIGN AND CONSTRUCTION

Semicontinuous furnace for the deoxidizing heating of steel ingots in the melting zone. A. I. Kozlov, A. A. Skvortsov. Kuz.-shtam. prom. 7 no. 9:39-41 S '65.

FURNACES, HEATING—PROTECTIVE ATMOSPHERES

Performance of the furnace for nonoxidizing heating of metal in a protective atmosphere. I. P. Stantsel. Stal' 25 no. 9:859-860 S '65.

FURNITURE INDUSTRY—EQUIPMENT AND SUPPLIES

Use of the MCh-52 lacquer in the Malino factory of bent furniture. A. V. Maltarenko, I. E. Komarovskii, E. S. Kufershtein. Bum. i der. prom. no. 3:39-40 Ji-S '65.

FURNITURE INDUSTRY—QUALITY CONTROL see subdivision under Moscow

FURNITURE INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Lvov

FUROIC ACID

Synthesis and properties of cellulose furates. S. T. Shiposhnikova, I. L. Pogodov, B. I. Akhmedzade. Vysokom. soed. 7 no. 8:131-136 Ap '65.

FUSED SALTS

Adjusting the electrolyte of an aluminum bath with a liquid melt. L. I. Trubachev and others. TSvet. met. 38 no. 8:58-60 Ag '65.

Anodic dissolution in zinc in alkali metal chloride melts. V. A. Dubinin, I. F. Nichev, S. P. Raspepin. Izv. vuz. ucheb. zav., svet. met. 8 no. 1:58-61 '65

Measurement of silver exchange currents in fused salts. I. U. K. Delimarskii, E. V. Panov, A. V. Gorodetskii. Uki. khim. zhur. 31 no. 8:782-785 '65

Oxidoreduction potential of the system Ti^{2+}/Ti^{3+} in a $KBr+NaBr$ melt. B. F. Markov, B. P. Podala. Uki. khim. zhur. 31 no. 8:873-875 '65

FUSED SALTS—ELECTRIC PROPERTIES

Akademika nauk URSS, Kiev. Instytut fiziko-khimi. i tekhnol. khimii. [Physical chemistry and electrochemistry of fused salts] Fizicheskaia khimika i elektrokhemika rasplavlennykh solei. Kiev, Naukova dumka, 1965. 147 p.

Determination of zero points of tantalum and beryllium in fused salts. I. U. K. Delimarskii, V. S. Kikheo. Uki. khim. zhur. 31 no. 8:872-873 '65

Methods of measuring the electric conductivity of fused salts. A. V. Vokhebov. Izv. vuz. ucheb. zav., svet. met. 8 no. 1:11-16 '65

FUSED SALTS—THERMODYNAMICS

Thermodynamic properties of fused salt mixtures. Part 1. N. I. Ibrayim-Agacov, T. A. Ishtenok, Zhur. fiz. khim. 39 no. 8:1850-1859 Ag '65.

FUSTEL DE COULANGES, NUMA DENIS, 1830-1880

Criticisms of de Coulanges' method of historical research. G. K. Sidreidnov. Trudy TGU 173:171-219 '64

FUSULINAE see subdivision under Donets Basin

GABRO see subdivision under Caucasus, Northern, Karolia; Ural Mountains

GADOLINIUM—THERMAL PROPERTIES

Heat capacity of Gd near the Curie point. A. V. Voronov and others. Zhur. eksp. i teor. fiz. 49 no. 2:420-132 Ag '65.

GADOLINIUM CRYSTALS

Magnetostriiction in a gadolinium crystal. K. P. Belov, I. U. V. Igin, A. A. Ped'ko. Zhur. eksp. i teor. fiz. 49 no. 2:413-419 Ag '65.

GAI, GAI DMITRIEVICH

Who sent a telegram to Lenin? A. Dunaevskii. Mol. komm. no. 8:88-91 '65.

GAJSDISTRICT—RADIO STATIONS

Improvement of the "Nedra-7" radio station. I. U. Likov, Tekhn. sel'khoz. 25 no. 8:51-52 Ag '65.

GALACTOSE

Mononucleonides. Report No. 10. New synthesis of D-galactose. N. K. Kochetkov, B. A. Dmitriev. Izv. AN SSSR, Ser. khim. no. 8:1405-1412 '65

GALENA

Oriented growth of galenite on sphalerite. Ivan Bonev. Zap. Vses. min. ob-va 94 no. 4:420-429 '65.

GALLBLADDER

Absorption and concentrative functions of the gallbladder in healthy dogs. I. K. Smirnov. Fiziol. zhur. 51 no. 9:1113-1115 S '65.

Comparative evaluation of data obtained by cholecystography and duodenal catheterization in studying the concentrative function of the gallbladder. G. V. Klyvak, B. D. Feldman. Trudy 1-go MMI 39:217-218 '65

Neurohumoral regulation of the motor function of the gallbladder. S. M. Gorskova, S. I. Orlova. Fiziol. zhur. 50 no. 12:1465-1475 D '64.

GALLBLADDER—DISEASES

Allergic component in the pathogenesis of diseases of the gallbladder. T. B. Tolpogina. Sov. med. 28 no. 9:104-108 S '65.

Changes in the lability of the neuromuscular apparatus of the brachial zone in patients with cholecystitis and cervical osteochondrosis. B. G. Petrov, Zhur. nevro. i psikh. 65 no. 8:1312-1314 '65

Concentrating function of the gallbladder in peptic ulcer of the stomach and duodenum. V. A. Kulikov. Trudy 1-go MMI 39:184-188 '65

Effect of atropine on the motor function of the gallbladder in peptic ulcer and chronic cholecystitis. V. S. Ioffe. Trudy 1-go MMI 39:146-151 '65

Evaluation of the concentrative function of the gallbladder in chronic cholecystitis. V. A. Kulikov. Trudy 1-go MMI 39:180-183 '65

Function of the normal gallbladder in the X-ray picture. I. D. Lindenberg, I. O. Kruglikov. Trudy 1-go MMI 39:21-30 '65.

Mechanism of some complications in cholecystitis. V. S. Gifanov. Nauch. trudy Kaz. gos. med. inst. 11:143-144 '64

Motor function of the gallbladder in chronic diseases of the biliary tract during treatment at Yessentuki Health Resort. X-ray observations. N. M. Pollakov. Trudy 1-go MMI 39:103-114 '65

Phenomenon of the enlargement of the gallbladder during cholecystography. L. D. Lindenberg and others. Trudy 1-go MMI 39:190-205 '65.

Use of Lipetsk mineral water in the treatment of chronic cholecystitis. G. L. Georgievskii, A. V. Rakhlin, P. I. Ivanov. Vop. kn., fizioter. i lech. fiz. kul'. 39 no. 1:365-367 Ji-Ag '65

GALLBLADDER—INNERVATION

Autosensitization of the gallbladder. I. A. Massina, T. B. Tolpogina. Nauch. trudy Kaz. gos. med. inst. 11:225-226 '64.

GALLBLADDER—MOTILITY

Combined X-ray examination of the evacuative function of the gallbladder and stomach. V. A. Kulichev. Trudy 1-go MMI 39:159-165 '65

Concentrating and motor function of the gallbladder in typhoid fever and acute and chronic dysentery, based on cholecystographic and cholesteographic data. G. V. Klyvak. Trudy 1-go MMI 39:206-216 '65.

Dyskinesia of the biliary tract in peptic ulcer. P. Z. Poltek. Trudy 1-go MMI 39:131-145 '65.

Effect of a mixture of bread and eggs on the motor function of the gallbladder in some diseases of the gastro-intestinal tract. V. A. Gerasova. Trudy 1-go MMI 39:115-121 '65.

Effect of atropine on the motor function of the gallbladder in peptic ulcer and chronic cholecystitis. V. S. Ioffe. Trudy 1-go MMI 39:146-151 '65

Effect of basic food products on the motor function of a normal gallbladder. B. M. Astapov. Trudy 1-go MMI 39:70-73 '65.

Effect of combinations of food products on the motor function of a normal gallbladder. V. A. Kulichev. Trudy 1-go MMI 39:66-73 '65.

Effect of the quantitative composition of various nutritional stimulants on the motor function of the gallbladder in healthy persons. I. O. Kruglikov. Trudy 1-go MMI 39:51-65 '65

Effect of various quantities of a homogeneous nutritional stimulant on the motor function of the gallbladder in duodenal ulcer. R. I. Renet. Trudy 1-go MMI 39:125-130 '65

Methodology for measuring the volume of the contents of the gallbladder. E. Z. Pollak. Trudy 1-go MMI 39:222-231 '65.

Methodology for X-ray study of the motor function of the gallbladder. N. A. Snegotskii. Trudy 1-go MMI 39:219-221 '65

Motor function of the gallbladder in acute Botkin's disease. V. A. Utekhin. Trudy 1-go MMI 39:87-93 '65

Motor function of the gallbladder in late sequelae of Botkin's disease. V. A. Utekhin. Trudy 1-go MMI 39:94-102 '65

Role of acetylcholine in the motor regulation of the gallbladder. V. S. Gifanov. Nauch. trudy Kaz. gos. med. inst. 14:145-146 '64.

X-ray diagnosis of disorders of the motor function of the gallbladder in typhoid fever patients and in healthy persons. G. V. Klyvak. Trudy 1-go MMI 39:155-168 '65

GALLBLADDER—RADIOGRAPHY

Evaluation of the concentrating function of the gallbladder in chronic cholecystitis. V. A. Kulikov. Trudy 1-go MMI 39:180-183 '65

Methodology for measuring the volume of the contents of the gallbladder. E. Z. Pollak. Trudy 1-go MMI 39:222-231 '65

Methodology for the evaluation of the radiation loads during cholecystography and cholesteography. I. V. Novikova, Kh. A. Khidibekli. Trudy 1-go MMI 39:238-245 '65.

Methodology for X-ray study of the motor function of the gallbladder. N. A. Snegotskii. Trudy 1-go MMI 39:219-221 '65

Some aspects of a cybernetic approach to the analysis of the functions of the gallbladder by means of cholecystography. I. O. Kruglikov. Trudy 1-go MMI 39:232-237 '65

X-ray examination of the functions of the gallbladder. L. D. Lindenberg. Trudy 1-go MMI 39:7-20 '65.

X-ray study on the effect of fat on the motor and evacuative function of the stomach by means of cholecystography. E. B. Norkin. Trudy 1-go MMI 39:166-170 '65.

GALLBLADDER—SURGERY

Selection of the time for surgery in acute cholecystitis. A. N. Taitov, G. S. Mamedkhanov. *Azerb. med. zhur.*, 42 no. 4:41-47. Ap '65.

GALLIC ACID—THERAPEUTIC USE

Detoxicating effect of propyl gallate, heparin and hydrocortisone on the venom of *Vipera lebetina*. F. F. Talyzin and others. *Trudy Un. druzh. nar.* 7, Vop. med. no. 1:134-139. '64.

GALLIUM

Extraction separation of gallium from indium using cupferron. Sherif Abdel Khamid, I. P. Alimzhan, I. V. Puzdrenkova. *Zhur. anal. khim.* 20 no. 7:894-895. '65.

GALLIUM—ANALYSIS

Spectrophotometric study of the reaction of gallium with xylenol orange. P. Kish, M. I. Golovoi. *Zhur. anal. khim.* 20 no. 7:794-799. '65.

GALLIUM ANTIMONIDE CRYSTALS

Microhardness of A 111 and B 111 surfaces of gallium antimonide crystals. G. V. Kukuladze, M. S. Mirgalovskaya. *Izv. AN SSSR. Neorg. mat.* 1 no. 7:1025-1026. Ji '65.

GALLIUM ARSENIDE CRYSTALS

Effect of the orientation of GaAs crystals on the depth and photoelectric properties of diffusion p-n junctions. I. A. Gutkin and others. *Fiz. tver. tela* 7 no. 6:2538-2539. '65.

GALLIUM ARSENIDE CRYSTALS—PHOTOELECTRIC PROPERTIES

Effect of trapping levels on GaAs photoconductivity. N. M. Veronkova, D. N. Nosledov. *Fiz. tver. tela* 7 no. 8:2542-2543. '65.

GALLIUM ARSENIDES

Chemical etching of gallium arsenide. V. M. Svetlichnyi. *Izv. vys. ucheb. zav., fiz.* 8 no. 3:155. '65.

Diffusion of tin into gallium arsenide. L. D. Libov, T. S. Meskin. *Izv. vys. ucheb. zav., fiz. i tekhn. met.* 8 no. 3:80-92. '65.

Mobility of runaway hot electrons; n-InSb and n-GaAs at low temperatures. I. B. Levinson. *Fiz. tver. tela* 7 no. 8:2417-2422. '65.

GALLIUM ARSENIDES—ELECTRIC PROPERTIES

Electric properties of gallium arsenide with an admixture of gold. M. A. Krivov, E. V. Malisova, G. S. Shishkova. *Izv. vys. ucheb. zav., fiz.* 8 no. 3:148-150. '65.

Some electric properties of semi-insulating gallium arsenide. Arun P. Kul'sreshita, A. E. Il'novich. *Fiz. tver. tela* 7 no. 8:2540-2551. '65.

GALLIUM ARSENIDES—SPECTRA

Spectrum of recombination radiation from gallium arsenide due to current excitation of gallium phosphide-gallium arsenide p-n heterojunctions. Zh. I. Alferov, D. Z. Garbuzov. *Fiz. tver. tela* 7 no. 8:2375-2378. '65.

GALLIUM ARSENIDES—THERMOELECTRIC PROPERTIES

Thermoelectric m.f. of solid solutions of indium phosphide and gallium arsenide. N. N. Strata, L. A. Makovetskaya. *Dokl. AN BSSR* 9 no. 7:435-437. Ji '65.

GALLIUM COMPOUNDS

Study of the boundaries of a single-phased region near gallium antimonide in the system Ga-Sb-Te. N. A. Goriunova, A. A. Abdurakhmanova, M. I. Aleev. *Dokl. AN Azerb. SSR* 21 no. 5:113-116. '65.

GALLIUM-INDIUM ALLOYS see Indium-gallium alloys

GALLIUM PHOSPHIDES—ELECTRIC PROPERTIES

Production and electric properties of epitaxial films of p-gallium phosphide. Zh. I. Alferov and others. *Fiz. tver. tela* 7 no. 8:2370-2374. '65.

GAL'TSOV, ALEKSANDR PETROVICH, 1809-1965

A. P. Gal'tsov, 1809-1965; an obituary. *Meteor. i gidrol.* no. 10:58. O '65.

GAME THEORY

Acceleration of the convergence of Brown's method for solving matrix games. V. V. Amvrosoenko. *Ekon. i mat. metod.* 1 no. 4:570-575. Ji-Ag '65.

GAMMA GLOBULIN

Sensitization of formalinized erythrocytes with immune γ -globulins. I. U. G. Suchkov, I. V. Kanatov. *Zhur. mikrobiol., epid. i immun.* 42 no. 8:63-67. Ag '65.

GAMMA-RAY SPECTROMETER

Studying the spectrogram energy spectra of the point source of gamma rays. V. A. Irtaybashev, G. A. Ivanukovich. *Vop. rud. geofiz.* no. 5:52-62. '65.

Transformation of a spectrogram gamma-ray spectra into true energy spectra. V. A. Irtaybashev, G. A. Ivanukovich. *Vop. rud. geofiz.* no. 5:63-67. '65.

GAMMA-RAY SPECTROMETRY

Gamma-gamma angular correlation in the Cs^{131} nucleus. G. A. Vartapetian, A. G. Khudaverdian. *Izv. AN Arm. SSR. Ser. fiz.-mat. nauk* 10 no. 1:94-100. '65.

Grid and monogram for computing uranium, thorium, and potassium content in rocks by the method of relative intensities in neutron-gamma-spectrometric surveying. G. A. Plekhivtsev, E. M. Prasnolov. *Vop. rud. geofiz.* no. 5:154-158. '65.

GAMMA RAYS

Angular and energy distribution of gamma radiation on the surface of a volume source. B. I. Gromov and others. *Atom. energ.* 19 no. 2:179-180. Ag '65.

Calculation of fresh air requirements in rooms housing high-power gamma-ray sources. N. V. Sobol', A. A. Plushko, A. Kh. Biegei. *Atom. energ.* 19 no. 2:201. Ag '65.

Delayed gamma radiation in U^{235} fission. L. A. Popcko and others. *Atom. energ.* 19 no. 2:185-188. Ag '65.

Determination of boron content in rocks by recording gamma radiation from the B^{10} (p, α) reaction. V. Ia. Zhavoronkov, E. M. Filippov. *Geol. i geofiz.* no. 7:101-103. '65.

Determination of the dynamic elasticity constants of polymeric materials in the field of action of γ -rays and fast electrons. A. I. Kurilenko, O. F. Tatarsenko, V. L. Karpov. *Vysokom. soed.* 7 no. 8:1422-1426. Ag '65.

Effect of the emanation of radioactive ores on the results of the gamma sampling of ore bodies in a natural bedding. A. N. Bolotnikov. *Vop. rud. geofiz.* no. 5:40-51. '65.

Free radicals in gamma-irradiated organic silica olefins. T. N. Burushkina, A. A. Chukoi, T. M. I. kasper, khim. 1 no. 3:394-398. My-Je '65.

γ -Ray-induced polymerization of isobutylene in the presence of solids. E. V. Kristal'nyi, S. S. Medvedev. *Vysokom. soed.* 7 no. 8:1377-1382. Ag '65.

γ -Ray-induced polymerization of isobutylene in the presence of ZnO and Al_2O_3 . E. V. Kristal'nyi, S. S. Medvedev. *Vysokom. soed.* 7 no. 8:1373-1376. Ag '65.

Instant fission gamma-quanta. V. P. Zemmel, A. E. Savelliev, A. I. Prokof'ev. *Atom. energ.* 19 no. 2:116-119. Ag '65.

Sensitivity of the scintillation method in gamma-ray defectoscopy. A. A. Arkhangelski, R. I. Volkovskii. *Atom. energ.* 19 no. 3:308-309. S '65.

GAMMA RAYS—CAPTURE

Absorption of gamma radiation from a point source in macrosystems. B. M. Terent'ev, V. A. El'tekov, A. Kh. Biegei. *Atom. energ.* 19 no. 2:100-109. Ag '65.

Linear damping coefficient of gamma rays from Co^{60} and Cs^{137} by various alloys. V. I. Kutovoi, V. I. Stepanenko. *Atom. energ.* 19 no. 2:203. Ag '65.

GAMMA RAYS—EFFECT ON PLANTS see Plants,

Effect of gamma rays on

GAMMA RAYS—EFFECT ON SEEDS see Seeds, Effect

of gamma rays on

GAMMA RAYS—EQUIPMENT AND SUPPLIES

γ -Irradiation sources in biological experiment. A. V. Biberger. *Radiobiologiya* 5 no. 4:612-615. '65.

GAMMA RAYS—INDUSTRIAL APPLICATIONS

Experience in using gamma-gamma logging in the Noril'sk region. T. N. Shetkina, V. M. Petrushanko. *Vop. rud. geofiz.* no. 5:113-116. '65.

Experience in using the method of gamma-ray reflection for the quantitative determination of iron in the underground boreholes of the Ordzhonikidze mine. Krivov, Reg. Basin. A. P. Ochkur and others. *Vop. rud. geofiz.* no. 5:100-112. '65.

Possibility of using the gamma method in the control of boreholes with the RPK device. D. A. Sokolov. *Trudy VNIIPodzemgaza* no. 12:128-131. '64.

Radioactivity warning control in the boring of directional boreholes with the TD-3 tubodril. K. A. Kuznetsova. *Trudy VNIIPodzemgaza* no. 12:126-128. '64.

Using the effect of gamma-ray reflection for estimating certain metals in ores. A. P. Ochkur, G. A. Pashchyni. *Vop. rud. geofiz.* no. 5:104-108. '65.

GAMMA RAYS—PHYSIOLOGICAL EFFECT

Calculation of the distribution of dose power in a grain γ -sterilizer and determination of its basic parameters by continuous disinfection method. S. V. Andreev, B. K. Martens. *Radiobiologiya* 5 no. 4:805-811. '65.

Calculation of amine content in the tissues of macaco monkeys during early phases of whole-body γ -irradiation. V. I. Kulinskii, L. F. Semenov. *Radiobiologiya* 5 no. 4:404-406. '65.

Change in oxidative processes in insects subjected to γ rays. P. G. Kalmykov. *Radiobiologiya* 5 no. 4:805-810. '65.

Changes in alkaline and acid phosphatases induced by Co^{60} γ -irradiation effect on their solutions. T. B. Nikol'skaya, E. G. Prokof'eva. *Radiobiologiya* 5 no. 4:618-619. '65.

Cytological analysis of high-energy proton action. Report No. 6. Comparative characterization of the effect of protons 660 Mev, and Co^{60} γ -rays on hemopoiesis. V. L. Ponomareva. *Radiobiologiya* 5 no. 4:514-518. '65.

Effect of chronic gamma irradiation in small doses on the testicles of laboratory animals. S. A. Kolesa, O. A. Zavalutina. *Izv. AN SSSR. Ser. biol.* no. 5:780-782. S-O '65.

Effect of γ -irradiation with 25-50 r doses on nuclear structures of human cells in tissue culture. V. M. Kozlov. *Radiobiologiya* 5 no. 4:543-546. '65.

Effect of screening of separate parts of the animal body on the change in radiation reaction following action of gamma rays and high-energy protons. B. L. Iargovskov and others. *Probl. kosm. biol.* 4:11-12. '65.

γ -Irradiation of cell cultures of mammals in vitro. A. A. Mikhailov and others. *Radiobiologiya* 5 no. 4:677-678. '65.

Method for intravital study on the removal of gamma radioactive substances from the lungs. K. I. Goriachik. *Med. rad.* 10 no. 7:60-71. Ji '65.

Place of the formation of S-1 reactive protein in radiation injury. R. V. Petrov, V. M. Zemnukov, P. M. Pashinin. *Radiobiologiya* 5 no. 4:511-513. '65.

State of desoxyribonucleoprotein isolated from the spleen tissue in mice following the influence of γ -irradiation in doses inducing a high leukomogenic effect. N. A. Grigorovich. *Biol. eksp. biol. i med.* 60 no. 8:106-109. Ag '65.

GAMMA RAYS—SCATTERING

Eliminating the effect of the changes of dry borehole diameters in the method of scattered gamma radiation. A. I. Bol'shakov, A. P. Ochkur. *Vop. rud. geofiz.* no. 5:100-103. '65.

GAMMA RAYS—SPECTRA

Gamma-ray spectrum of an artificial model of radioactive fallout. I. U. A. Izrael' and others. *Atom. energ.* 19 no. 2:100-200. Ag '65.

GAMMA RAYS—THERAPEUTIC USE

Calculation of nonuniformity in dosimetric substantiation of gamma therapy. A. V. Biberger, I. G. Retner. *Med. rad.* 10 no. 7:34-36. Ji '65.

Distribution of the dosage fields in pendulum gamma therapy in tumors of the rectum and urinary bladder. A. N. Gannala and others. *Med. rad.* 10 no. 7:19-10. Ji '65.

Modern methods of large focus skin distance gamma therapy in malignant tumors. A. V. Kozlova. *Med. rad.* 10 no. 7:3-9. Ji '65.

Rules for the determination of relative deep doses and selection of conditions for irradiation by large focus skin distance γ -units. A. N. Krongauz, N. Sh. Shagimardanov. *Med. rad.* 10 no. 7:83-86. Ji '65.

GAMMARIDAE see subdivision under Okhotsk, Sea of

GAMMARUS—PARASITES see Parasites—Gammarus

GANGLERON

Effect of ganglerson on the gamma aminobutyric acid content in the brain. N. A. Esalon, L. I. Kazarova. *Vop. biokhim. i med.* 1:67-72. '61.

GANGLIONIC BLOCKING AGENTS

Dynamics of changes in the fundus oculi in the treatment of hypertension with apiesin and ganglionic blocking agents. A. Kh. Adykhayev. *Sbor. nauch. trud. SOGMI* no. 14:170-177. '63.

Effect of neuroleptic and ganglionic blocking agents on glaucoma patients. A. I. Lipovskaya. *Sbor. nauch. trud. SOGMI* no. 14:68-70. '63.

GARNET

Change of the form of garnet crystals in the process of their growth. V. V. Sakhonok, O. M. Rimskaya-Korsakova. *Min. i geokhim.* no. 1:115-124. '64.

GAROS

A trip to the Garo Hills. D. Babadza. *Az. i Afr. sog.* 0 no. 0:34-37. Ag '65.

GAS—ANALYSIS

Double radio-frequency mass spectrometer for the simultaneous analysis of multicomponent gas. P. F. Dolt'ntayn, I. U. N. Antonov. [Trudy] *Inst. geol. i geofiz.* Sib. otd. AN SSSR no. 32:75-85. '65.

GAS, NATURAL

(see also subdivision under Azerbaijan)

Abdul'manov, G. F. [Natural and casinghead gases and their utilization] Prirodnyy, poputnyy naftnyye gazy i ikh primeneniye. Kazan', Tatarskoe knizhnoe izd-vo, 1961, 73 p.

[MICROFILM]

Method for studying the economic effectiveness of using natural gas in various branches of industry. B. I. Benisman. *Ispoll. Gaza v nar. khoz.* no. 2:231-238. '63.

GAS FLOW (Continued)

- Formulas for studying the motion of compressed gas from transport cylinders into ship cylinders. P. I. Bistup. *Sudostroeniye* no. 6:21-21 Ag '65.
- Gas flow through narrow slits at critical escape velocities. S. F. Zakharov. *Trudy LPI* no. 249:69-74 '65.
- Laminar boundary layer in a multicomponent gaseous mixture on the lateral surface of a body. T. B. Bulatskaya. *Sbor. rab. VTS MGU* 1:115-129 '65.
- One-dimensional unsteady flow of a real gas. V. A. Eroshin, E. N. Starova. *Sbor. rab. VTS MGU* 1:221-231 '65.
- Problem of the study of gas flow through the walls of asbestos-cement pipes. P. I. Lomakin, M. I. Chechenin. *Trudy NIIshebtsementa* no. 19:56-61 '65.
- Proof of the instability of Couette flow between rotating cylinders. A. L. Kriylov. *Sbor. rab. VTS MGU* 4:108-114 '65.
- Propagation velocity of a flame in the turbulent flow of a homogeneous mixture. L. S. Kozachenko, I. L. Kuznetsov. *Nauch.-tekhn. probl. gor. i vzryva* no. 1:31-43 '65.
- Some cases of reducing a system of equations covering gas flow to ordinary equations. Kh. Kh. Rakhimov. *Vest. Mosk. un. Ser. I Mat., mekh.* 20 no. 5:85-91 S-O '65.
- Two-dimensional potential flows with stationary flow lines. V. A. Suchkov. *Dokl. AN SSSR* 164 no. 2:292-293 S '65.
- Vibrations of and acoustic waves emitted by an orthotropic shell containing a flowing ideal gas. V. V. Stepanuk. *Dop. AN URSSR* no. 8:1145-1149 '65.

GAS FLOW—ACOUSTIC PROPERTIES

- Flows of an ideal gas with a sonic surface coinciding with the characteristic one. E. G. Shifrin. *Prkl. mat. i mekh.* 28 no. 4:796-797 Ji-Ag '65.

GAS HEATING

- Luk'anchikov, A. S. [Submerged gas heating of liquids and melts] *Pogruzhennyi gazovyi nagrev zhidkostei i rasplavov*. Kiev, Tekhnika, 1965. 130 p.
- Temperature fluctuations in gas space heating using continuous-action appliances. G. P. Kostomarov, N. N. Maksimov. *Ispol' gaz. i nar. khoz.* no. 2:87-102 '63.
- Unit for air heating. I. K. Babanov and others. *Khoz. prom.* no. 3:49-50 Ji-S '65.

GAS INDUSTRY

- Use of progressive additives for fuels and lubricants. "Petroleum and Gas" pavilion. A. I. Kotomkina. *Inform. biul. VDNKH* no. 10:5 O '62.
- Work on the automation of gas fields carried out by the Krasnodar Branch of the All-Union Scientific-Research and Design and Construction Institute of Overall Automation of the Petroleum and Gas Industries. B. A. Kizhyanovskii. *Gaz. delo* no. 7:34-37 '65.

GAS-LUBRICATED BEARINGS

- Damping of natural vibrations in rotors with gas-lubricated bearings. S. I. Sergeev. *Trudy VNIKIMASH* no. 10:80-86 '65.
- Some possible simplifications of the Reynolds equation of gas lubrication. L. G. Stepaniants, N. D. Zablotskii. *Trudy LPI* no. 248:27-34 '65.
- Using the system of continuous pressurization in calculating gas lubricated bearings with a discete pressurization. N. D. Zablotskii. *Trudy LPI* no. 248:35-41 '65.

GAS PIPES

(see also subdivision under United States)

- Determining the optimum consumption of pipes for the gas systems of residential buildings. V. A. Smilnov, O. G. Rodionov. *Ispol' gaz. i nar. khoz.* no. 2:146-154 '63.

GAS PIPES—CORROSION

- Fridman, O. M., and G. A. Sedukha. [Insulating work on city gas lines] *Izobrazhennyye raboty na gorodskikh gazoprovodakh*. Leningrad, Nauka, 1965. 165 p. (Biblioteka mastera gazovogo khoziaistva)

GAS PIPES—STANDARDS

- Effect of pipe standard on the capital investment in municipal p-p gas systems. V. M. Rozenfeld. *Ispol' gaz. i nar. khoz.* no. 2:155-158 '63.

GAS PRODUCERS

- Conditions for the lighting of underground gas producers in lean coal seams. K. M. Leonovich, E. A. Sidorov. *Trudy VNIIPodzemgaza* no. 12:27-32 '64.
- Evaluating the conditions for the inflow of underground waters of overlying coal series into a gas producer and their effect on the underground coal gasification process in Moscow Basin deposits. N. V. Efremochkin. *Trudy VNIIPodzemgaza* no. 12:74-84 '64.
- Methods of calculating the unidimensional gas flow in an underground gas producer channel with high temperatures and rates of flow. E. A. Sidorov. *Trudy VNIIPodzemgaza* no. 12:32-35 '64.

Production of technological gas by means of high-temperature vapor-oxygen conversion of petroleum fuels under increased pressure. P. I. Kabanov and others. *Khim. prom.* 11 no. 8:587-594 Ag '65.

Stationary gasification unit with a pump. I. U. Alievskaya. *Trudy VNIKIMASH* no. 10:87-95 '65.

GAS STOVES see Stoves, Gas

GAS TURBINE LOCOMOTIVES

Determining the characteristics of double-shaft gas-turbine engines. E. T. Barilosh. *Vest. TSNII MPS* 21 no. 5:19-22 '65.

GAS TURBINES

- Dynamic characteristics of different gas turbine systems during sudden disturbances in fuel and load. I. V. Kollin, V. V. Selin. *Izv. vys. ucheb. zav., energ.* 8 no. 7:58-65 Ji '65.
- Effect of clearance between the moving blades and the housing of a radial-flow turbine on its operating indices. T. P. Kriylov, I. A. Spunde. *Izv. vys. ucheb. zav., energ.* 8 no. 7:66-73 Ji '65.
- Experimental study of the effect of the roughness of a surface on terminal energy losses in a straight cascade of reactive profiles. A. S. Maksudov. *Izv. AN Arm SSR Ser. tekhn. nauk* 16 no. 4:22-26 '65.
- Gas turbine compressors. N. M. Ghashbeig. *Izv. vys. ucheb. zav., energ.* 8 no. 7:124-129 Ji '65.
- Heat resistant D1765L foundry alloy. M. A. Filalova, G. T. Kuzmina. *Toploenergetika* 12 no. 8:50-52 Ag '65.
- Some characteristics and limit power of diphenyl turbines in a heating system. V. S. Danilin and others. *Atom. energ.* 19 no. 3:257-261 S '65.
- Study of the economic efficiency of gas turbine systems with consideration of optimal parameters. F. T. Marikovskii, A. F. Usik. *Energ. i elektrotekh. prom.* no. 3:63-65 Ji-S '65.

GAS TURBINES—COOLING

Using asymptotic analysis methods in determining the temperature field of turbine blades with longitudinal air cooling. I. S. Lubchenko. *Izv. vys. ucheb. zav.; av. tekhn.* 7 no. 3:90-107 '65.

GAS TURBINES—THERMAL PROPERTIES

Using the difference method in solving the problem of heat exchange between gas and a turbine blade. A. M. Topunov, I. U. Kulosh. *Izv. vys. ucheb. zav., av. tekhn.* 7 no. 3:119-120 '65.

GAS WELDING AND CUTTING

- Nomograph for determining the optimal speed of gas electric metal cutting. V. I. A. Zusin. *Svar. proizv.* no. 12:33-34 D '63.
- Pack cutting with low-pressure oxygen. I. I. Milshan, A. I. Guba. *Svar. proizv.* no. 12:36-37 D '63.
- GAS WELDING AND CUTTING—EQUIPMENT AND SUPPLIES
- "Cumulative" effect of a propane-butene flame. I. U. A. Kalachev. *Svar. proizv.* no. 12:10 D '63.
- Effect of technological parameters of welding conditions on the output of welding in carbon dioxide. V. V. Spitsyn. *Svar. proizv.* no. 9:29-30 S '65.
- Furnishing the SGU gas-cutting machine with a FOS-4 scale photocopying control system. Sh. A. Vainer and others. *Svar. proizv.* no. 9:34 S '65.
- Introducing the MGM-1 machine for gas cutting to scale with a photocopying type drive. I. I. Mitukan. *Svar. proizv.* no. 3:23-25 Mr '64.
- Propane-butane-oxygen GZU-2-62 and GZM-2-62 welding torches. V. D. Nechaev. *Svar. proizv.* no. 3:29-31 Mr '61.
- Selecting an efficient shape of cutter nozzle for cutting steel. P. I. Gavrilov, V. V. Shugaenko. *Svar. proizv.* no. 12:38-39 D '63.
- Stationary low-pressure GND-40-61 acetylene generator. D. I. Tesment'skii, D. M. Oltseiov. *Svar. proizv.* no. 3:27-30 Mr '64.
- Tests in cutting high-alloyed steels without flux. A. N. Moskalov and others. *Svar. proizv.* no. 9:26-27 S '65.

GAS WELL DRILLING

Characteristics of deep drilling in permafrost. G. S. Ginzarov. *Gaz. prom.* 10 no. 8:7-11 '65.

GAS WELLS—ACIDIZATION see subdivision under Raschevskoye Gas Field

GASEOUS PLASMA see Plasma (ionized gases)

GASES

- Mixing of gas in apparatus with a fluidized bed and stepped sieve plates. M. G. Gazanchiants, I. G. Martushin, A. N. Planovskii. *Khim. i tekhn. topl. i masel* 10 no. 9:38-42 S '65.
- Spontaneous combustion in methane-chlorine mixtures. A. A. Borisov, S. M. Kogarko, G. I. Skachkov. *Nauch.-tekhn. probl. gor. i vzryva* no. 1:15-24 '65.

Virtual coefficients of inert and accompanying gases in the low temperature region. V. G. Skripka. *Trudy VNIKIMASH* no. 10:163-193 '65.

GASES—ABSORPTION AND ADSORPTION

- Appearance of electron paramagnetic resonance signals during the low-temperature adsorption of various gases on reduced titanic (TiO₂). A. I. Mashchenko and others. *Teoret. i ekspr. khim.* 1 no. 3:361-366 My-Je '65.
- Absorption dynamics of vapor under parallel translation conditions. I. U. S. Levin. *Dokl. AN SSSR* 161 no. 1:147-149 S '65.
- Using krypton adsorption to measure surface dimensions of commercial grade metals. K. Volcanik and others. *Zashch. met.* 1 no. 5:565-573 S-O '65.

GASES—ANALYSIS

- Attachment for gas analysis for the FIK-type photo-colorimeter (photometric determination in gaseous mixtures of water vapor, sulfur dioxide, and acetylene). R. I. Alekseyev, E. A. Tokarukina. *Zhur. anal. khim.* 20 no. 9:983-989 '65.
- Determining the concentration of lubricating oils in gases. L. V. Grishin and others. *Trudy MKITI* no. 11:174-177 '61.
- Infrared gas analyzer using the FOU-10 device. V. K. Grunin, B. P. Kozlov. *Izv. IETI* no. 52:100-106 '61.
- Investigating the gas content of a bubbling layer for processes with solid phase participation. *Khim. prom.* 12 no. 9:701-703 S '65.
- Studying the composition of gases from the semicrystalline of oil shales as a possible raw material for organic synthesis. I. U. V. Aramovich, N. Nadel'shteyn. *Khim. i tekhn. slant. i prod. i kh. prom.* no. 1:166-170 '61.

GASES—OCCLUSION see subdivision under Borzhomi District

GASES—OSCILLATIONS

Asymmetric gas oscillations in a cylindrical cavity taking into account the elasticity of its free wall. V. M. Laubimov. *Inzh. zhur.* 5 no. 1:691-696 '65.

GASES—PURIFICATION

- Anticorrosive protection of the equipment used in the argon-soda process of gas purification. N. V. Serebriannikov, R. Metelskii. *Khim. i tekhn. slant. i prod. i kh. prom.* no. 1:171-178 '61.
- Catalytic method for the removal of sulfur compounds from oil shale gas. R. Jomayev. *Khim. i tekhn. slant. i prod. i kh. prom.* no. 1:152-159 '61.
- Comparing the absorption capacity of various absorption oils for the purification of shale gas for public utilities. J. Lalle. *Khim. i tekhn. slant. i prod. i kh. prom.* no. 1:120-125 '64.
- Development of gas chromatography methods for the control of the purification of shale gas for public utilities. J. Lalle, H. Kandel, J. Jutter. *Khim. i tekhn. slant. i prod. i kh. prom.* no. 1:126-131 '64.
- Development of gas chromatography methods for the control of the purification of shale gas for public utilities. Report No. 2. J. Lalle, H. Kandel. *Khim. i tekhn. slant. i prod. i kh. prom.* no. 1:137-141 '61.
- Economics of the production of sulfuric acid from sulfur-containing waste gases. N. P. Fedorenko, S. G. Lipkin. *Khim. prom.* 11 no. 8:597-608 Ag '65.
- Recovery of sulfuric acid from the waste gases of lead production. R. U. Abdullayev. *Khim. prom.* 11 no. 8:627 Ag '65.
- Studies in the preparation of oil shale gas for the synthesis of ammonia. E. F. Petukhov and others. *Khim. i tekhn. slant. i prod. i kh. prom.* no. 1:142-151 '61.
- Trends in the scrubbing of flue gases. S. I. Sovchuk, A. M. Tverskol. *Toploenergetika* 12 no. 8:89-90 Ag '65.
- Use of a multitubular turbulent-foam scrubber for cleaning converter gases. F. I. Dubinskii, M. M. Zaitseva. *Stal'* 25 no. 9:861-866 S '65.
- Use of oxide catalysts on carriers for the purification of exhaust gases by removing carbon monoxide and hydrocarbons. D. V. Sokol'skii and others. *Trudy Inst. khim. nauk AN Kazakh SSR* 13:174-201 '65.
- Use of synthetic zeolites in the deep purification of liquefied gases. N. V. Kell'akov, I. U. K. Titova, N. S. Torocheshnikov. *Trudy MKITI* no. 47:61-68 '61.
- Use of zeolites for the purification of nitrogen-hydrogen mixtures. M. E. Selin, D. S. Lavrakhin. *Khim. i tekhn. topl. i masel* 10 no. 8:33-34 Ag '65.

GASES—SEPARATION

- Chromatography for determining hydrocarbon micropurities. E. V. Vagin. *Trudy VNIKIMASH* no. 10:122-131 '65.
- Golovko, G. A. [Apparatus and equipment for the recovery of argon] *Apparatus i ustroystva dlya proizvodstva argona*. Moskva, Mashinostroenie, 1965. 162 p.
- Studying the process of air separation with recovery of crude argon as applied to low-pressure units. G. D. Narinskii, B. D. Kravkovskii, K. A. Karukova. *Trudy VNIKIMASH* no. 10:47-68 '65.

GASES—SEPARATION (Continued)

Use of synthetic zeolites in the combined drying of and carbon dioxide removal from air under high pressure. N. S. Torocheshnikov, N. V. Kel'tsev, A. I. Sidorov. *Trudy MKHII* no. 47 68-74 '61.

GASES—THERMODYNAMICS

Calculation of a rotating generator. V. M. Datskovskii. *Teplotekhnika* 12 no. 8-93-95 Ag '65

Effect of the boundary on the thermodynamic properties of a Fermi gas. S. S. Nedozorov. *Izv. vys. ucheb. zav., fiz.* 8 no. 3-11-18 '65.

Using thermodynamic similitude in investigating the properties of gas mixtures. I. A. Z. Karavchinskii. *Inzh.-fiz. zhur.* D no. 3:348-353 S '65.

GASES—TRANSPORTATION

Concentrated delivery of carbon dioxide. B. I. Fysekchik, I. V. Nikolaeva, D. G. Iuditskii. *Peim. i pril. prom* 31 no. 6 27-28 '65

GASES, EFFECT OF RADIATION ON

Breakdown and heating of gases under the action of a laser beam. I. P. Ralzer. *Usp. fiz. nauk* 87 no. 1:28-64 S '65

Methods and apparatus for studying the effect of electric field on radiolysis of gases. I. K. Larin, V. L. Tarloze. *Zhurn. fiz. khim.* 39 no. 8 2071-2072 Ag '65.

GASES, INTERSTELLAR

Distribution of an ionized gas near the galactic plane. V. A. Razin, I. P. Khrushchikova. *Izv. vys. ucheb. zav., radiofiz.* 8 no. 1:827-824 '65.

GASES IN METALS

Behavior of gases in the crystallization process of killed steel ingots. A. Kh. Uravtildoev and others. *Izv. vys. ucheb. zav., zhurn. met.* 8 no. 8-69-73 '65.

Medvedev, I. A. [Gases in the foundry mold] Gary v litnol'nom. Moskva, Mashinostroyeniye, 1965. 238 p.

Quality of pipe cast by the semicontinuous method in relation to the gas content of cast iron. V. A. Davydov, V. G. Ivanov. *Lit. proty.* no. 3 6-8 M '64.

Thermodynamic principles of the determination of gases in metals by the method of vacuum fusion. L. L. Kunin. *Zhurn. anal. khim.* 20 no. 7:822-831 '65

GASES IN THE BLOOD see Blood, Gases in

GASOLINE

(see also subdivision under Malgobek Oil Field)

Effect of isopropanol and ethyl acetate additives on the oxidation of the straight-run distillation gasoline fraction boiling between 35°C and 62°C. G. N. Gvozdevskii. *Khim. i tekhn. topl. i masel* 10 no. 9-12-11 S '65.

Efficiency of the process of the isomerization of gasoline fractions. V. L. Khimenko and others. *Khim. i tekhn. topl. i masel* 10 no. 7-9-53 JI '65.

GASOLINE—ANALYSIS

Determining physicochemical properties of unstable natural gasoline. I. I. Elizbatova, A. E. Terukhina, N. N. Briantseva. *Gaz. delo* no. 8:29-31 '65.

GASOLINE—ANTIKNOCK AND ANTIKNOCK MIXTURES

Thermocatalytic transformations of low-octane gasolines after their treatment with thiolene. E. M. Benashvili. *Soob. AN Gruz. SSR* 38 no. 2 309-314 My '65.

GASOLINE—STORAGE

New structures for steel gasoline-storage tanks. M. Ashikhmiz. *Pr. om. stol. i inzh. nauk* 4 no. 6:53-56 N-D '62

GASTRIC JUICE

Effect of mineral water from the Naftusa spring on the acidity of gastric juice and the motor and evacuative function of the stomach and gallbladder. A. N. Sokolovskii, L. K. Baikalov. *Vop. khim., fizioter. i lech. fiz. kul't.* 30 no. 4:312-315 JI-Ag '65.

Effect of the natural gastric juice of a dog on the phagocytic function of the reticuloendothelial system in rabbits. L. L. Badalova, G. G. Stepanian, S. S. Munukian. *Izv. AN Arm. SSR, Biol. nauki* 18 no. 8:88-73 Jo '65.

Simplified method for electrophoresis of the gastric juice. M. P. Lend'el. *Lab. delo* no. 8:536-539 '65.

GASTROINTESTINAL MOTILITY

Combined X-ray examination of the evacuative function of the gallbladder and stomach. V. A. Kulichev. *Trudy i-go MMI* 39:159-165 '65.

Effect of mineral water from the Naftusa spring on the acidity of gastric juice and the motor and evacuative function of the stomach and gallbladder. A. N. Sokolovskii, L. K. Baikalov. *Vop. khim., fizioter. i lech. fiz. kul't.* 30 no. 4:312-315 JI-Ag '65.

Inhibition mechanism of the motility of the gastrointestinal tract during increased pressure in the urinary system. I. U. S. Bogobubov. *Nauch. trudy Kaz. gos. med. inst.* 1:118-120 '64.

Method of recording the motility of the stomach in rats with the simultaneous collection of its secretion without a balloon. G. N. Arkharov. *Pat. fiziol. i lek. ispr.* 9 no. 3:79-81 My-Je '65

X-ray study on the effect of fat on the motor and evacuative function of the stomach by means of cholecystography. E. B. Notska. *Trudy i-go MMI* 39:166-170 '65

GASTROPODA, FOSSIL see subdivision under Transcaucasia

GAVASAY VALLEY (UZBEKISTAN)—RUNOFF

Mudflows passing through the Gavasay River in 1963. B. A. Budagov, D. R. Ikramov. *Dokl. AN Azerb. SSR* 21 no. 5 58-61 '65.

GEAR CUTTING

Degree of the cutting-in in milling herringbone gears with hobbing cutters. V. S. Severilov. *Stav. i inst.* 36 no. 8:13-14 Ag '65.

Effect of the wear of a shaving cutter on the microgeometry of tooth surfaces. M. Z. Mitshstein. *Stan. i inst.* 36 no. 8:12-13 Ag '65.

GEARING

Analytical method for studying engagements under the conditions of two enveloping parameters. N. N. Kiylov. *Trudy MIT* no. 195:87-92 '64.

Verifying the formulas of the contact strength of gear transmissions. A. P. Dubrovskii. *Trudy MIT* no. 196:10-11 '64.

Maximum dynamic loads on gear teeth. N. A. Kovalev. *Mashinostroyeniye* no. 5:70-77 '65

Self-adjusting reducing gear. M. A. Samoilov, I. D. Vol'pman. *Mashinostroyeniye* no. 5-52-53 S-O '65.

GEARING—ELECTROMECHANICAL ANALOGIES

Modeling of the switching process in the reversing gear of hydraulic drives of diesel locomotives. A. S. Gordcev, V. I. Iushko, V. G. Mitkevich. *Trudy MIT* no. 195:155-161 '64.

GEARING—MEASUREMENT

Increasing the precision of testing and calibration of gear involute meters. G. I. A. Gafanovich, G. S. Simkin. *Izm. tekhn.* no. 8:1-8 Ag '65.

GEARING—NOISE

Using electropolished coatings for reducing the noise and improving the running-in of gear transmissions. G. I. Lukashchikov, E. T. Lavitsenka. *Mashinostroyeniye* no. 5:86-87 S-O '65

GEARING, BEVEL—MEASUREMENT

Using balls for measuring tooth thickness of bevel straight-tooth gears. B. A. Kurllov. *Stav. i inst.* 36 no. 8:14-17 Ag '65.

GEARING, SPUR—TESTING

Effect of deformations on the bending resistance of polyamide spur gear wheels having nonstandard initial contours. I. I. Bakalov, Sh. K. Shakhmurov. *Soob. AN Gruz. SSR* 39 no. 2:419-126 Ag '65.

GEARING, WORM

Globoid engagement with concave worm profile. N. N. Kiylov. *Trudy MIT* no. 195:93-103 '64.

GEAR SUITE see subdivision under Tuvu A.S.S.R.

GESE—PARASITES see Parasites—Geese

GEGANSKIY RANGE—LANDFORMS

New data on the characteristics of sublava relief in the northern part of the Geganskoye upland. R. S. Minashan. *Izv. AN Arm. SSR, Nauki o zem.* 18 no. 3:1-19-53 '65.

GEGELLO, ALEKSANDR IVANOVICH, 1890-1965

Aleksandr Ivanovich Gegello; obituary. *Arkhiv. SSSR* no. 8:63 '65.

GELATIN

Gelatin absorption on silver bromide microcrystals. E. A. Zimkin, V. F. Kluchevich. *Zhurn. nauch. i prikl. fot. i khim.* 10 no. 5:397-399 S-O '65.

GELATION

Gelation mechanism in gelatin solutions. V. N. Izmailova, V. A. Pchelina, Samir Abu Ali. *Dokl. AN SSSR* 161 S '65.

GENERALIZED SPACES see Spaces, Generalized

GENERATIVE ORGANS, FEMALE

Effect of ultrasonic waves on the tissues of the internal sex organs of female white mice. F. A. Mitakova. *Nauch. trudy Kaz. gos. med. inst.* 14:241-242 '64.

GENERATIVE ORGANS, FEMALE—INNERVATION

Reflex influences from genital receptors on mammary function. V. V. Urchakov. *Izv. zhurn.* 50 no. 12. 1158-1461 D '61

GENERATIVE ORGANS, FEMALE—MICROBIOLOGY

Bactericidal effect of organophosphorus preparations and antibiotics on staphylococci of the genitals. N. G. Kononova and others. *Nauch. trudy Kaz. gos. med. inst.* 14:207-208 '64.

GENERATIVE ORGANS, FEMALE—TUMORS

Fundamental trends in oncological gynecology and prospects for their further development. A. I. Serbinov. *Vop. onk.* 11 no. 7:3-8 '65.

GENERATIVE ORGANS, MALE—CANCER

Primary adenocarcinoma of the seminal vesicles. A sample observation. M. I. Kapranov. *Vop. onk.* 11 no. 9 92 '65

GENERATORS, THERMOELECTRIC see Thermo-electric generators

GENETICS

Akademii nauk SSSR. Sibirskoe otdeleniye. Institut tsitologii i genetiki. [Genetic principles of farm animal breeding] Geneticheskie osnovy selektsii sel'skokhozyaystvennykh zhivotnykh. Novosibirsk, Red.-izd. otdel Sibirskogo otdela AN SSSR, 1965. 117 p. (DNAL)

Difference of opinion between I. V. Michurin and T. D. Lyssenko on some basic problems of genetics. V. V. Shapichnikov. *Bull. MOIP, Otd. biol.* 70 no. 1, 105-116 JI-Ag '65.

Genetic mechanisms of the formation of L-form bacteria and the perspectives of further studies. V. S. Levashov. *Vest. AN SSSR* 20 no. 8:32-37 '65.

Genetic recombinations in bacteria. S. I. Alphanian, V. V. Sukhodolets. *Usp. mikrobiol.* 1:101-132 '61.

Some moments of the evolutionary process from the point of view of modern genetics. S. S. Chelverikov. *Bull. MOIP, Otd. biol.* 70 no. 4:31-74 JI-Ag '65

Two landmarks in the development of genetic concepts. B. L. Astanov. *Bull. MOIP, Otd. biol.* 70 no. 1 25-37 JI-Ag '65

Viruses and genetics. V. M. Zhidnov. *Vop. filoz.* 19 no. 6 79-61 '65.

GEOCHEMICAL PROSPECTING

(see also subdivision under Moldavia, Siberian Platform; Ukraine)

Hydrogeochemical method of prospecting for complex metal deposits in carbonate rocks. L. M. Popova. *Geol. i geofiz.* no. 7 125-130 '65.

Use of small soil samples in hydrogeochemical prospecting for nickel and cobalt. D. A. Kuznetsov. *Izv. AN Arm. SSR, Nauki o zem.* 18 no. 3:4-142-141 '65.

GEOCHEMICAL RESEARCH

Akademii nauk SSSR. Institut geokhimi i analiticheskoi khimii. [Geochemical studies under conditions of increased pressures and temperatures] Geokhimitskie issledovaniya v oblasti povysheennykh davlenii i temperatur, sbornik statei. Pod red. N. I. Khitova. Moskva, Nauka, 1965. 201 p.

GEOCHEMISTRY

(see also subdivision under Alaska region, Kazakhstan, Caucasus; Fergana Province)

Diffusion processes in moraine sandy and clay loams in contact with salts. N. I. Pustanova. *Dokl. AN SSSR* 9 no. 7:473-478 JI '65.

Solubility of the metal-organic compounds of oil and bitumens in compressed gases. L. A. Gullava and others. *Lit. i pol. ispr.* no. 1:185-188 JI-Ag '65.

GEOCHEMISTRY—CONGRESSES

All-Union Conference on the Geochemistry of Super-genesis. S. M. Aleksandrov. *Geokhimiya* no. 5:833 My '65.

GEOCHEMISTRY—TERMINOLOGY

On one incorrectness in translations of some foreign geochemical literature. V. V. Mazarovskii. *Zap. Tadzh. otd. Vses. min. ob-va* no. 2:147-148 '64.

GEODESY—ABSTRACTS

[Geodesy] Ref. zhurn. i Good. no. 10 Q '65.

GEODESY—TABLES, ETC.

General methods of solving basic computation problems on the surface of the earth's spheroid. B. P. Krut'el. *Izv. TPI* 116:102-112 '63

Operations with multiple-digit numbers. B. I. Bol'shanin, I. A. Reiman. *Izv. TPI* 116:19-45 '63.

GEODIMETER

The improved SDD-M geodimeter. I. B. Virovets. *Good. i kart.* no. 6 10-14 Ag '65.

Results of testing the experimental model of the TD-1 geodimeter. G. I. Borodulin and others. *Good. i kart.* no. 6 15-21 Ag '65.

GEO-ELECTRIC PROSPECTING see Electric prospecting

GEOGRAPHY see subdivision under Somalia; Ukraine

GEOGRAPHY--TERMINOLOGY

Characteristics of the lexicon of English geographic literature, based on materials from school textbooks
S. L. Volodina. Uch. zap. MGPI no. 223 53-65 '64

GEOGRAPHY, ECONOMIC

(see also subdivision 'Economic geography' under Kazakhstan, Kopetdag region)

Spitchenko, K. I., and others. [Political and economic map of the world] Politicheskaya i ekonomicheskaya karta mira. Moskva, Voennoe izd-vo, 1964. 421 p. maps.
(NIP)

GEOLOGICAL MODELING

Use of the similarity theory in the gamma-method determination of density. V. A. Artybashev. Vopr. rud. geofiz. no. 5:80-95 '65

GEOLOGICAL RESEARCH see subdivision under Azerbaijan

GEOLOGICAL SOCIETIES

Activity of the geological sections of the Moscow Naturalists' Society. Biol. MOIP. Otd. geol. 40 no. 1 101-111 Ji-Ag '65.

GEOLOGICAL TIME

(see also subdivision under Aldan Plateau, Armenia, Balkal Lake region, Balkhash Lake region, Caucasus, Caucasus, Northern, Kara Kum, Kazakhstan, Kyzyl Kum, Russian Platform, Transbaikalia, Ukraine, Volgograd Province, Yakutia, Yenisey Range)

Akademiya nauk SSSR. Komissiya po opredeleniyu absolutnogo vozrasta geologicheskikh formatsii. [Methodological problems of isotope geology] Metodicheskie voprosy izotopnoi geologii. Moskva, Nauka, 1965. 161 p.

Determining the relative age of nepheline syenites by the method of thermoluminescence. V. I. Starov, L. I. Seltmuratova, A. A. Kozlovskii. Trudy Inst. geol. nauk AN Kazakh SSR 12 129-132 '65

GEOLOGY see subdivision under Alay Range, Altai Mountains; Altai Territory, Balkal Lake region, Fergana Range, Khazar-Daban Range, Magadan Province, Oqega Valley, Oregon; Ukraine; Ural Mountains, Washington (State)

GEOLOGY--CONGRESSES

All-Union conference on manganese ores. I. P. Novokhaskii, A. G. Karimov. Izv. AN Kazakh SSR, Ser. geol. 22 no. 4 82-83 Ji-Ag '65.

International Colloquium on the Absolute Geochronology and the Session of the Commission for World Geochronological Scale held in Nancy, France, May 3-10, 1965. G. D. Afanas'ev. Izv. AN SSSR Ser. geol. 30 no. 9 147-150 S '65.

Petrological studies recommended by the Working Group on Petrology and Volcanism of the Symposium on the Upper Mantle and its Influence on the Earth's Crust at the 22nd session of the International Geological Congress held in Delhi. Izv. AN SSSR Ser. geol. 30 no. 9 151-152 S '65.

Second All-Union Volcanological Conference. Geol. i geofiz. no. 2:160-164 '65

GEOLOGY--MAPS

Principles and methods of mapping in prospecting. O. A. Gliko. Izv. vys. ucheb. zav. i razv. S no. 9 85-100 S '65

GEOLOGY, ECONOMIC see subdivision under Kazakhstan

GEOLOGY, STRATIGRAPHIC

(see also subdivision under Abkhazia; Carpathian Mountains; Caspian Sea region; Caucasus, Northern; Chatkal Range, Crimea; Dagestan; Don Valley; Dzungarian, Alatau; Guria, Kama-Kinel' Depression, Kopetdag, Kuznetsk Basin; Kyzyl Kum; Mal'guzar Mountains, Osetia, North, Pacific Area; Pamirs; Perm Province; Rostov Province, Russian Platform, Swietokrzyskie Mountains, Poland; Tarbagatay Range; Turkhanak region, Krasnoyarsk Territory; Udmurt A. S. S. R.; Ukraine; Unguz region, Ural Mountains; Volga Valley; Volgograd Province; Vyatka Valley; Yergent Hills)

Akademiya nauk SSSR. Geologicheskii Institut. [Correlation of Quaternary deposits of northern Eurasia] Korrelatsiya antropogenovykh otlozhenii Severnoi Evrazii. Moskva, Nauka, 1965. 111 p. (XVII Kongressu INQUA v SShA v 1965 g.)

Principles and methods of isolating the stage subdivisions of a standard scale. G. P. Leonov, V. P. Alimarin, D. P. Naidin. Vest. Mosk. un. Ser. 4. Geol. 20 no. 4: 15-28 Ji-Ag '65.

Stage division of the Oligocene. I. A. Kozlovskii, A. I. Kozlovskii. Izv. AN Arm. SSR Nauki o zem. 18 no. 5 3-11 '65

GEOLOGY, STRATIGRAPHIC--CONGRESSES

Akademiya nauk SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. [Basic problems in the study of the Quaternary period, for the 7th Congress of INQUA, U. S. A., 1965] Osnovnye problemy izucheniya chetvertichnogo perioda, k VII Kongressu INQUA (SShA, 1965). Moskva, Nauka, 1965. 495 p.

GEOLOGY, STRUCTURAL

(see also subdivision under Africa, Aras Valley, Armenian Highland, Arpa Valley, Armenia, Bashkirdia, Carpathian Mountains, Caspian Sea region, Caucasus, Chersky Range, Yakutia, Donets Basin, Far East, Fergana Valley, Indonesia, Japan, Kamchatka, Khatyrka Valley, Kura Valley, Maritime Territory, New Zealand, Okhotsk Sea region, Pacific Area, Pechora Valley, Philippines, Russia, Southern, Russian Platform; Siberian Platform, Tatar A. S. S. R.; Tien Shan, Turkmenistan, Ural Mountain region, Volga Valley, West Siberian Plain)

Density of fractures as a measure of stress. L. D. Knoring. Dokl. AN SSSR 161 no. 1 164-167 S '65.

Experience in using aerial photographic survey materials for the zoning of areas according to conditions under which prospecting is to be conducted. G. M. Shestoporin, A. G. Vetrov, B. P. Lashkov. Vopr. rud. geofiz. no. 5:68-75 '65.

Nature of inversion in geosynclinal zones. B. L. Afanas'ev. Izv. vys. ucheb. zav. i razv. S no. 9 151-156 S '65.

Rule of longitudinal compression in the formation of the structures of the earth. V. I. A. Koshkin. Izv. AN SSSR Ser. geol. 30 no. 9 60-83 S '65.

Rozanov, L. N. [Physicomechanical conditions governing the formation of platform-type tectonic structures] Fiziko-mekhanicheskie uslovia obrazovaniya tektonicheskikh struktur platformennogo tipa. Leningrad, Nedra, 1965. 83 p.

GEOMETRICAL OPTICS see Optics, Geometrical

GEOMETRY--AUDIO-VISUAL AIDS

Making geometrical figures and applications without special stencils. M. V. Fedorenko. Nach. shkola 33 no. 9 38-41 S '65.

GEOMETRY--FOUNDATIONS

Presentation of the theory of limits in secondary schools. E. V. Galkin. Trudy Chel. gos. ped. inst. 2 48-54 '64.

GEOMETRY, ANALYTIC

Gurskii, E. L., and V. V. Ershova. [Fundamentals of linear algebra and analytic geometry] Osnovy lineinoy algebry i analiticheskoy geometrii. Izd. 2., ispr. i dop. Minsk, Vysshain shkola, 1965. 282 p.

GEOMETRY, HYPERBOLIC

Hyperbolic sines of a tetrahedron and a pentahedron in Lobachevskii space. I. A. P. Ponomarev. Izv. vys. ucheb. zav. i razv. no. 4:113-121 '65

GEOMORPHOLOGY see subdivision under Caucasus, Krasnoyarsk Reservoir, Oqega Valley, Russia, Southern, Udmurt A. S. S. R.; Yenisey Valley

GEOPHYSICAL INSTRUMENTS

(see also subdivision under Kizil Basin)

Elimination of errors in quadrature phase splitters with a trigger frequency divider. L. I. A. Mizuk, A. S. Lutsyshin. Geofiz. prib. no. 10 45-52 '64.

Standard translational units. L. I. Dolgirev. Geofiz. prib. no. 10 14-33 '64.

GEOPHYSICAL RESEARCH

(see also subdivision under Antarctic regions; Mali)

Polashov, I. I. A. [Academician M. A. Rykachev] Akademik M. A. Rykachev. Izvestiya Verkhne-Volzhskoe knzhinoe izd-vo, 1965. 94 p. (Nash vydatel'stvo zemli)

GEOPHYSICS

(see also subdivision under Caucasus, Northern)

Geophysical principles of relativism. S. M. Alvarzin. Izv. AN Arm. SSR. Nauki o zem. 18 no. 5 69-73 '65.

GEOGRAPHY--ATMOSPHERIC TURBULENCE

Methodology and some results of studying the zones of increased turbulence on the Kutaisi-Shovi route. D. A. Kononov. Trudy GGO no. 171:91-95 '65.

GEOGRAPHY--BARK BEETLES

Materials on the study of biological characteristics of the spruce bark beetle in Georgia. L. P. Kalandadze and others. Soob. AN Gruz. SSR 38 no. 2:397-404 My '65.

GEOGRAPHY--BLOOD--DISEASES

Cases of family hemoglobin diseases among Georgians and Azerbaijanis living in the Georgian S. S. R. I. G. Mestashvili. Soob. AN Gruz. SSR 39 no. 2:313-320 Ag '65.

GEORGIA--CHESTS

The Georgian chest "khrivi". I. N. Tavartkiladze. Sov. etn. no. 3:118-123 My-Je '65

GEORGIA--FOREIGN RELATIONS--RUSSIA

Palchadze, G. G. [Russian-Georgian relations from 1725 to 1735] Russko-georgiyskie otnosheniya v 1725-1735 godakh. Tbilisi, Metsnereba, 1965. 170 p.

GEORGIA--GRAPES

Electrophoretic analysis of proteins of grapes of some Georgian varieties. A. V. Meskhi. Soob. AN Gruz. SSR 38 no. 2:315-319 My '65.

GEORGIA--GRAPES--FERTILIZERS AND MANURES

Fertilizers for vineyards in Georgia. Z. G. Bagdasarian. Khim. v sel. khoz. 3 no. 6 2-8 Ag '65

GEORGIA--HISTORY, MILITARY

From the history of the Red Army of Georgia. V. Mokva-bishvili. Voen.-ist. zhurn. 7 no. 8:111-115 Ag '65.

GEORGIA--INFORMATION SERVICES

Main directions in the creation of a unified reference and information fund in the Georgian S. S. R. T. N. Kvividze. NTI no. 6 6-7 '65.

GEORGIA--KARST

Characteristics of the development of the Guria karst sink of the Arabika Massif. T. Z. Kishnadze, M. Palina. Soob. AN Gruz. SSR 39 no. 2 341-349 Ag '65.

GEORGIA--LARCENY

A procurator prevents thefts. I. Khionidze. Sots. zakon. 42 no. 9 48-49 S '65.

GEORGIA--LAUREL

Expendency of the wide use of laurel waste for producing essential oil. G. L. Gamkrelidze. Subtrop. kul't. no. 1:87-92 '65.

GEORGIA--LAUREL--DISEASES AND PESTS

Microphoma infection of laurel. L. A. Kechevadze. Subtrop. kul't. no. 1:107-110 '65

GEORGIA--LEMON

Nonwoven fabric as a substitute for a three-layer cheese-cloth for protecting lemon from frost. S. V. Mgulebi-shvili. Subtrop. kul't. no. 1:73-80 '65

GEORGIA--MINERAL WATERS--ANALYSIS

Study of organic matter in mineral waters of Georgia. D. I. Eristavi, L. V. Bokuchava. Soob. AN Gruz. SSR 39 no. 2:299-304 Ag '65.

GEORGIA--MITES

Analgesoids of the Georgian S. S. R. I. G. Mikelandze. Soob. AN Gruz. SSR 38 no. 2:413-415 My '65.

GEORGIA--PARASITES--BIRDS

Analgesoids of the Georgian S. S. R. I. G. Mikelandze. Soob. AN Gruz. SSR 38 no. 2:413-415 My '65

GEORGIA--PLUM--VARIETIES

Studying the fruits of cherry plum. A. N. Nishanadze, N. G. Ebralidze. Kons. i ov. prom. 20 no. 8:24-29 Ag '65.

GEORGIA--PUBLIC PROSECUTORS

A procurator prevents thefts. I. Khionidze. Sots. zakon. 42 no. 9:48-49 S '65.

GEORGIA--RUNOFF

Hydrochemical characteristics of the formation of local runoff under conditions of the mountain drainage areas of Georgia. Z. I. Chantadze. Trudy GGI no. 119:53-60 '65.

GEORGIA--SERPENTINITES

Nitric acid treatment of Georgian serpentinites. V. N. Caprindashvili, L. K. Gogichadze. Soob. AN Gruz. SSR 38 no. 2:205-201 My '65.

GEORGIA--SERVICE INDUSTRIES

Farmers should have city services. F. Dimov. Sov. profsoyuzy 21 no. 10:22-23 O '65.

GEORGIA--SOIL CONSERVATION

Let us restore eroded soils. M. K. Darnashvili, Sh. T. Gvazava. Zemledelie 27 no. 6:24-25 Je '65.

GEORGIA--STOCK AND STOCK REARING

Akademiya nauk Gruzinskoi SSR, Tbilisi, Institut ekonomiki i prava. [Problems of developing the national economy of Georgia and Transcaucasia] Voprosy razvitiya narodnogo khozaystva Gruzii i Zakavkaz'ia, Tbilisi, Metsnereba, 1965. 97 p. [In Russian and Georgian]

GEORGIA--TEA--FERTILIZERS AND MANURES

Effectiveness of growth promoting substances of petiole origin on tea plantations in Georgia. A. D. Beridze. Subtrop. kul't. no. 133-11. '65.

GEORGIA--WATER--COMPOSITION

Hydrochemical characteristics of the formation of local runoff under conditions of the mountain drainage areas of Georgia. Z. I. Chantladze. Trudy GGI no. 119-51-65. '65.

GEORGIAN LANGUAGE--CASE

Undefined case in Old Georgian. V. T. Topuria. Soob. AN Gruz. SSR 30 no. 2 509-510. My. '65.

GEORGIAN LANGUAGE--MACHINE TRANSLATING

Synthetic analysis of phrases for machine translation from Georgian. D. G. Antidze, G. V. Ramishvili. Trudy Tbil. GU no. 98-19-24. '61.

GEORGIAN LANGUAGE--SYNTAX

Synthetic analysis of phrases for machine translation from Georgian. D. G. Antidze, G. V. Ramishvili. Trudy Tbil. GU no. 98-19-24. '61.

GEORGIAN MANUSCRIPTS see Manuscripts, Georgian

GEOTROPISM

Use of apogeotropism in the accelerated propagation of small-growing apple rootstocks. I. P. Berezhnoi. Agrobiologiya no. 5-769-770. S-O. '65.

GERASIMOV, SERGEI APOLLINARIEVICH, 1906-

Vojanskaya, N. G. [Attending classes of director S. A. Gerasimov; notes on lessons in the All-Union State Institute of Cinematography.] Na uoknakh izhivaniy S. A. Gerasimova; zapiski zanyat' na VGIK. Moskva, Iskusstvo, 1965. 457 p. illus.

GERASIMOV, SERGEI VASIL'EVICH, 1885-

Galushkina, A. S. Sergei Vasil'evich Gerasimov. Leningrad, Khudozhnik RSFSR, 1964. 42 p. illus. (Natsionalnaya biblioteka po iskusstvu) (NIC)

GERBILS

Adaptive characteristics of two geographical forms of *Meriones meridianus* Pall. N. I. Kalabukhov. Zool. zhur. 41 no. 7 1048-1061. '65.

GERIATRIC ANESTHESIA

Selection of anesthesia for elderly and senile persons. V. G. Morozov. Nauch. trudy Kaz. gos. med. inst. 11 480-190. '64.

GERIATRIC PSYCHIATRY

Degeneration of habits in aged mental patients. S. I. Rubinshtein. Trudy Gos. nauch.-issl. inst. psikh. 43 55-67. '65.

Methodology for studying the degeneration of habits in mental patients. E. A. Rodionova. Trudy Gos. nauch.-issl. inst. psikh. 43, 207-212. '65.

GERIATRICS

Comparative data on the state of blood proteins in patients with senile cataracts and in healthy persons. Report No. 3. U. N. Samedova. Sborn. nauch. trud. SOGMI no. 14-33-37. '63.

GERKEN, NIKOLAI ALEKSANDROVICH, 1863-1933

Professor N. A. Gerken as a surgeon and civic worker. N. I. Zhuchkova, V. N. Shubin. Nauch. trudy Kaz. gos. med. inst. 14 20-30. '64.

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE--PRONUNCIATION

Some methods and means of teaching pronunciation in grade 9. I. I. Khalina. Uch. zap. MGPI no. 223-73-03. '64.

GERMAN LANGUAGE--SELF-INSTRUCTION

Lyskovskaya, K. A., ed. [Role and method of completing a variety of exercises in an independent study of German; guide for students of correspondence and evening schools using the textbook for philology department: "The German language, part 2. Texts, exercises, a dictionary," Moscow University Publishing House, 1962.] Rol' i metodika vypolneniya razlichnykh uprazhneniy pri samostoyatel'nom izuchenii nemetskogo yazyka; rukovodstvo dlya studentov zaochnogo i vechernego otdeleniy k uchebniku dlya filologicheskikh fakul'tetov: "Nemetskii yazyk, chast' II. Teksty, uprazhneniya, slovar'." Izdatel'stvo Moskovskogo universiteta. 1962. [Moskva] Izd-vo Mosk. univ., 1965.

GERMAN LANGUAGE--SEMANTICS

Stimatic phenomena in lexicon connected with book printing, based on the Russian and German languages. M. P. Ilichev. Vest. LGU 20 no. 14 127-133. '65.

GERMAN LANGUAGE--STUDY AND TEACHING

(see also subdivision under Buryat A. S. S. R.)

Developing the written language of pupils by teaching a number of subjects in a foreign language. T. V. Medvedeva. Uch. zap. MGPI no. 223-22-42. '64.

System of exercises for developing the written language of pupils by teaching a number of subjects in foreign languages. T. V. Medvedeva. Uch. zap. MGPI no. 223-43-52. '64.

GERMAN LANGUAGE--SYNTAX

Second stage of selecting fundamental syntactic models of the German language for teaching purposes. I. D. Kolomenchuk. Uch. zap. MGPI no. 223-243-268. '61.

GERMAN POETRY--TRANSLATIONS INTO UKRAINIAN

Verse of Goethe as translated by O. Navrotskyi. N. I. Bondarenko. Rad. lit. 9 no. 8-73-79. Ag. '65.

GERMANATES

Infrared spectra of lanthanum germanates. T. F. Fenshcheva, A. N. Lazarev, T. M. Pavliukovich. Izv. AN SSSR. Ser. khim. no. 9 1553-1556. '65.

GERMANE

New reactions of bis(1-ethylgermyl)cadmium. N. S. Vinzankin, G. A. Razuvaev, V. T. Bychkov. Izv. AN SSSR. Ser. khim. no. 9 1665-1667. '65.

GERMANIC LANGUAGES--WORDS

Structure and stratification of common Germanic vocabulary. E. A. Malakov. Vop. liz. 11 no. 5-13-12. S-O. '65.

GERMANIUM

Anisotropy of the photomagnetic parity effect in germanium. I. U. Kagan, V. N. Sobakin. Fiz. tver. tela 7 no. 8-2665-2667. Ag. '65.

Anisotropy of the photomagnetic parity effect in p-germanium in strong magnetic fields. I. K. Kikoin, S. D. Lazarev. Fiz. tver. tela 7 no. 8-2561-2565. Ag. '65.

Dissolution of germanium in hydrochloric acid solutions of potassium dichromate. I. P. Sorokin, N. N. Stremilova, G. M. Orlova. Vest. LGU 20 no. 16 110-122. '65.

Source of germanium in iron ores. V. M. Grigor'ev, K. K. Zelenov. Geokhimiya no. 5-582-585. My. '65.

Study of gold alloyed natural surface of germanium. V. E. Pilyachenko, O. V. Snitko, E. P. Matsas. Radiotekh. i elektron. 10 no. 9-1733-1735. S. '65.

GERMANIUM--SPECTRA

Spectral determination of germanium in fossil coals. N. V. Yrnatov. [Trudy] Inst. geol. i geofiz. Sib. otd. AN SSSR no. 32-46-50. '65.

Spectral determination of indium and germanium in concentrates of the lead-zinc industry. E. I. Bratnin, L. I. Pineskaya. Zhur. anal. khim. 20 no. 9-1011-1016. '65.

GERMANIUM, EFFECT OF RADIATION ON

Low-temperature annealing of germanium irradiated by fast electrons. A. B. Gerasimov, B. M. Kononenko. Fiz. tver. tela 7 no. 8-2515-2547. Ag. '65.

GERMANIUM COMPOUNDS

High-frequency alkalimetric titration of polyphenolgermanium acids. I. A. Tsekovitskaya, V. N. Epimakhov. Vest. LGU 20 no. 16-101-106. '65.

GERMANIUM CRYSTALS

Explanation of observed fluctuations of field distribution in germanium with injecting contact. I. V. Toffe, A. M. Kovnatski. Fiz. tver. tela 7 no. 8-2527-2529. Ag. '65.

GERMANIUM CRYSTALS--GROWTH

Conditions of growth as affecting certain properties of epitaxial layers of germanium. V. F. Dorfman and others. Izv. AN SSSR. Noorg. mat. 1 no. 7-1016-1020. Ji. '65.

GERMANIUM DIODES

Static characteristics of point germanium diodes with allowance for self-heating and image forces. I. M. Senderikhin. Izv. vys. ucheb. zav. fiz. 8 no. 3-81-85. '65.

GERMANIUM OXIDES

Crystal chemical analogy of germanates with titanates, silicates, and fluoroberyllates, and the system barium oxide-germanium dioxide. R. G. Grebenshchikov, N. A. Toropov, V. I. Shukova. Izv. AN SSSR. Noorg. mat. 1 no. 7-1130-1142. Ji. '65.

Structure of germanium monoxide. N. A. Vashutinskii and others. Izv. AN SSSR. Noorg. mat. 1 no. 7-1057-1061. Ji. '65.

GERMANIUM TELLURIDE--ELECTRIC PROPERTIES

Temperature dependence of the Hall effect and electrical conductivity in germanium telluride. A. A. Anshcev, I. M. Sysoeva, D. P. Lev. Fiz. tver. tela 7 no. 8-2558-2559. Ag. '65.

GERMANY--HISTORY

Blumh, V. G. [The internal political struggle in Germany in the summer and fall of 1917.] Antipoliticheskaia bor'ba v Germanii letom i osen'iu 1917 goda. [Leningrad] Izd-vo Leningr. univ., 1965. 276 p.

The 25th anniversary of the liberation of Germany from Fascism. A. Borisov. Nov. i noveish. ist. no. 5-189-190. '65.

Work on German imperialism and militarism. A. Molok. Voenn.-ist. zhur. 7 no. 7-83-87. Ji. '65.

GERMANY, EAST--AGRICULTURAL POLICY

Application of the principles of the new economic system of agricultural planning and guidance in the Democratic Republic of Germany for the purpose of further intensification of production. G. G. Gumbert. Ikonn. sel'khoz. 11 no. 9-106-122. S. '65.

GERMANY, EAST--DESIGN, INDUSTRIAL

Industrial design at the Leipzig Fair of 1965. M. Kelm. Tekhn. est. 2 no. 6-18-31. Ag. '65.

GERMANY, EAST--DOMESTIC RELATIONS--LAWS AND LEGISLATION

Family Code of the German Democratic Republic. N. Valushtein. Rad. pravo 28 no. 6-68-91. '65.

GERMANY, EAST--ECONOMIC POLICY

Akademika nauk SSSR. Institut ekonomiki mirovogo sotsialisticheskoi sistema. [German Democratic Republic in the period of the large scale building of socialism] GDR v period razvernutogo sotsialisticheskogo stroitel'stva. Moskva, Mysl', 1965. 166 p. (DSC)

New development in the planning and guidance of the national economy of the Democratic Republic of Germany. G. Gumbert, I. Shlankalina. Fin. SSSR 39 no. 8-86-82. S. '65.

GERMANY, EAST--EDUCATION

Educators of the German Democratic Republic search for new paths in education. L. I. Rodak. Sov. pedagog. 29 no. 9-125-130. S. '65.

GERMANY, EAST--FISHING BOATS

Fishing boats built in the German Democratic Republic. V. I. Zaitsev. Sudostroyeniye no. 8-10-17. Ag. '65.

GERMANY, EAST--HISTORY

Current events. Nov. vrem. 21 no. 11-1-2. O. '65.

GERMANY, EAST--JUSTICE, ADMINISTRATION OF

Delegation of Soviet jurists in the German Democratic Republic. V. Khemiakov. Sots. zakon. 12 no. 8 66-67. Ag. '65.

GERMANY, EAST--LIFEBOATS

Dory-type boats on the ships of the German Democratic Republic. Sudostroyeniye no. 8-69-70. Ag. '65.

GERMANY, EAST--MANUFACTURES

At the Leipzig Fair. K. Shlankalina, A. Pleshev, I. Rumyantsev. Sov. loig. 58 no. 6-16-51. Je. '65.

GERMANY, EAST--RELATIONS (GENERAL) WITH RUSSIA

Delegation of Soviet jurists in the German Democratic Republic. V. Khemiakov. Sots. zakon. 12 no. 8 66-67. Ag. '65.

A trip of Soviet lawyers to the German Democratic Republic. Blud. Verkh. Sudn. no. 4-38-39. '65.

GERMANY, EAST--SHIPS--PAINTING

New paints for ship bottoms developed in the German Democratic Republic. M. Biele, Mor. flot. 21 no. 8 43-41. Ag. '64.

GERMANY, EAST--TRADE UNIONS

Inspiring result. Vsem. prof. dvizh. no. 5-32-34. S. '65.

GERMANY, EAST--WAGES--INSTRUMENT INDUSTRY

Wages for machine-tool operators in Zeiss' enterprises. Martin Dittich. Sots. trud. 10 no. 8-83-87. S. '65.

GERMANY, WEST--FOREIGN ECONOMIC RELATIONS

The neocolonialism of Bonn. J. Etinger. Nov. vrem. 23 no. 43-24-25. O. '65.

GERMANY, WEST--FOREIGN RELATIONS

Defense of doctor's dissertations. Nov. i noveish. ist. no. 5-182. '65.

GERMANY, WEST—INLAND WATER TRANSPORTATION
Some trends in the development of river transportation in the United States and the Federal Republic of Germany G Agranat Rech transp 24 no 8-52-55 '65.

GERMANY, WEST—LABOR AND LABORING CLASSES
Rolf Hochhuth's manifesto R Fedorov, Mst ekon, i mezhdunar, otn no 10 120-123 '65.

GERMANY, WEST—MILITARISM

European security and the German question. N. Fur'ev, Mezhdunar, zhizn' 12 no 10 82-91 O '65.

GERMANY, WEST—MILITARY POLICY

Doctrines of aggression and brutality V Shumakov, Konun Vooruzh Sii 46 no 15-75-80 Ag '65.

GERMANY, WEST—NAZIS

The mystery of Nazi millions J. Mader, Nov i noveish, 1st no 5, 118-130 '65.

GERMANY, WEST—POLITICS AND GOVERNMENT

Dangerous "practices" of the Bonn revisionists O. Hanu-sels' Rad, pravo 28 no 6, 92-93 '65.

Happy birthday, Republic! D. Beneslavskii, Mezhdunar, zhizn' 12 no 10 117-118 O '65.

GERMANY, WEST—RELATIONS (MILITARY) WITH PORTUGAL

The Bonn-Lisbon axis. L. Bobrov, Mezhdunar, zhizn' 12 no 10, 123-124 O '65.

GERMINATION

Cytochemical characteristics of the germinating wheat caryopsis, V. I. Faisov, V. M. Iulushin, TSitologiya 6 no 3 369-373 My-Je '64.

Dynamics of phosphorus ions in the process of wheat seed germination at low soil temperature. D. A. Dul'-bikskaya, Izv SO AN SSSR no 8 Ser. biol.-med. nauk no 2 162-165 '65.

Effect of gibberellin on the germination of seeds of the pecan (Carya olivacea mis Nutt.), F. L. Shchepot'ev, L. N. Lebedinskaya, Dokl. AN SSSR 164 no 3 701-701 S '65.

Effect of stratification on the germination of subtropical plant seeds. T. V. Iakimova, Biol. Glav. bot. sadu no 57, 94-97 '65.

GIBBERELLIC ACID

Effect of gibberellin acid on cauliflower V. F. Vorz'lov, N. A. Rodionova, L. A. Mikhaleva, Biol. Glav. bot. sadu no 57 68-69 '65.

GIBBERELLIN

Effect of gibberellin on the germination of seeds of the pecan (Carya olivacea mis Nutt.), F. L. Shchepot'ev, L. N. Lebedinskaya, Dokl. AN SSSR 164 no 3 701-701 S '65.

Effect of X rays and gibberellin on some biochemical characteristics of Ipomoea purpurea and Cosmea bipinnatus varieties N. P. Beglarina, O. A. Nazarian, A. Z. Voskanyan, Izv. AN Arm SSR Biol. nauki 10 no 8 32-40 Ag '65.

GIL'DSHTEIN, NIKOLAI NIKOLAEVICH, 1890-1965

N. N. Gil'dshstein, 1890 - 1965; obituary, Maslozhir, prom. 31 no 9, 47 S '65.

GINETSINSKII, ALEKSANDR GRIGOR'EVICH

Awarding the L. A. Orbeli Prize. Vest. AN SSSR 35 no 9, 124 '65.

GIRDERS see Beams and girders

GISSAR RANGE—FAULTS (GEOLOGY)

Characteristics of faulting in the southwestern spurs of the Gissar Range. V. M. Tsel'sel, Izv. vys. ucheb. zav., geol. i razv. 8 no 9, 15-20 S '65.

Faulting in the Khanaka-Suffa interfluvium of the Southern Gissar Range and the sequence of their development and mineralization. S. I. Shchukin, Zap. Tadzh. old. Vses. min. ob-va no 2, 97-106 '64.

GISSAR RANGE—ORE DEPOSITS

Faulting in the Khanaka-Suffa interfluvium of the Southern Gissar Range and the sequence of their development and mineralization. S. I. Shchukin, Zap. Tadzh. old. Vses. min. ob-va no 2, 97-106 '64.

GISSAR RANGE—PETROLOGY

Conditionally Lower Permian volcanic complex in the Diamalik basin (southern slope of the Gissar Range). I. V. Mushkin, A. R. Stupnikov, V. I. Tarasov, Zap. Tadzh. old. Vses. min. ob-va no 2, 80-96 '64.

GISSAR RANGE—VOLCANIC ASH, TUFF, ETC.

Conditionally Lower Permian volcanic complex in the Diamalik basin (southern slope of the Gissar Range). I. V. Mushkin, A. R. Stupnikov, V. I. Tarasov, Zap. Tadzh. old. Vses. min. ob-va no 2, 80-96 '64.

GLACIAL EPOCH see subdivision under Soviet Central Asia, Soviet Far East, Tsebel'da region (Georgia)

GLACIOLOGICAL RESEARCH see subdivision under Prince Olav Coast region

GLADKOV, FEDOR VASIL'EVICH, 1863-1958

Wonders of declamation. V. Kamianov, Vop. lit. 6 no 8-231-232 S '65.

GLANDS, DUCTLESS see Endocrine glands

GLASS

Crystallization ability of a series of glasses of the system albite - anorthite - diopside. A. V. Sarukhman-shvili, Soob. AN Gruz SSR 39 no 2 329-333 Ag '65.

Interaction of steel with silicate melts. G. I. Belfaev and others, Stek. i ker. 22 no 8-27-29 Ag '65.

GLASS—ANALYSIS

Crystallization of glasses of the system CaO - MgO - SiO₂. A. M. Kalinina, V. N. Filipovich, Lv. AN SSSR, Neorg. mat. 1 no 7 1189-1200 Ji '65.

Efficient composition of the HC-2 glass N. M. Pavlov, Stek. i ker. 22 no 9 12-13 S '65.

GLASS—DEFECTS

Reducing the coefficient of edge friction for the purpose of glass protection from the formation of dangerous surface defects L. N. Kopytov, Stek. i ker. 22 no 9 21-25 S '65.

GLASS—OPTICAL PROPERTIES

Structural double refraction in glass of the system Li₂O - Al₂O₃ - SiO₂. N. I. Ananich, O. K. Potvinin, L. V. Diatlova, Stek. i ker. 22 no 7 7-8 Ji '65.

GLASS BLOWING AND WORKING

Characteristics of glass production by continuous rolling. A. S. Makhmavetskiy, Stek. i ker. 22 no 9 25-28 S '65.

GLASS CONSTRUCTION see subdivision under Moscow Province

GLASS CONTAINERS see subdivision under Kherson

GLASS CONTAINERS—CLEANING

Make efficient use of the washer jet energy in washing glass containers A. K. Gladushniak, Kons. i ov. prom. 20 no 9, 7-9 S '65.

GLASS FIBERS

Experience in using reinforced roofs. I. A. Nikiforov, S. K. Noskov, T. M. Simokhina, Prom. stroi. 43 no 9, 11-13 '65.

Increasing the strength of glass fiber in a medium of a hardening cement stone. P. P. Budnikov, A. A. Pashchenko, K. K. Karibaev, Izv. AN SSSR, Neorg. mat. 1 no 7, 1210-1214 Ji '65.

Investigating the tearing of a continuous glass fiber depending on the level of the glass batch. B. I. Baekov, S. S. Kutukov, M. G. Cherniak, Stek. i ker. 22 no 7: 14-16 Ji '65.

Rules for the arrangement of mastic roofs reinforced by glass materials. M. I. Povall'ev, A. M. Voronin, Prom. stroi. 43 no 9, 13-16 '65.

GLASS FIBERS—TESTING

Effect of glass fiber length on their strength Stek. i ker. 22 no 9 17-19 S '65.

GLASS FURNACES

Approximate determination of specific heat consumption in glass tank furnaces. D. S. Velev, Stek. i ker. 22 no 8, 8-8 Ag '65.

Calculating the flow parameters of the glass batch in the melting end, the feeder or the working end of a tank furnace. K. A. Pcheljakov, A. A. Sokolov, Stek. i ker. 22 no 7: 1-4 Ji '65.

Direct heating tank furnaces fired with mazut. E. D. Didenko, Leh. prom. no 3, 38-41 Ji-S '65.

GLASS FURNACES—DESIGN AND CONSTRUCTION

Increasing the height of the checkers in continuous tank furnaces. A. I. Kukarkin, Stek. i ker. 22 no 7: 31-32 Ji '65.

Magnetic amplifier in the feed diagram of electric glass-making furnaces. B. I. Artemev, Stek. i ker. 22 no 7, 5-7 Ji '65.

Mechanized melting of translucent thermometric glass in a vertical drawing machine. K. P. Khalonen, A. S. Priantshnikov, G. P. Iovleva, Stek. i ker. 22 no 7: 33-35 Ji '65.

GLASS GRINDING AND POLISHING—EQUIPMENT AND SUPPLIES

Modernization of the 4-ShPS machine. P. I. A. Ivanov, Stek. i ker. 22 no 8, 30-32 Ag '65.

GLASS MANUFACTURE (see also subdivision under Ukraine)

Bubbling of an HC-1 composition glass batch. A. A. Zaluzniak, A. A. TSukanov, E. A. Vinokurov, Stek. i ker. 22 no 8 8-10 Ag '65.

High natural strength of sheet glass. F. F. Vitman, Gl. S. Pugachev, V. P. Pukh, Stek. i ker. 22 no 9, 12-14 S '65.

Inelastic deformation of glass and ceramic products under their own weight during annealing. N. V. Solomin, A. N. Solomin, Stek. i ker. 22 no 8, 10-21 Ag '65.

Investigating the flow of the glass batch by means of naturally radioactive potassium I. M. Sheinok, S. S. Kutukov, A. A. Sokolov, Stek. i ker. 22 no 9 32-41 S '65.

Mechanized melting of translucent thermometric glass in a vertical drawing machine. K. P. Khalonen, A. S. Priantshnikov, G. P. Iovleva, Stek. i ker. 22 no 7: 33-35 Ji '65.

New type of shears for the cutting of molten glass. V. S. Tamarchenko, Stek. i ker. 22 no 8, 32-33 Ag '65.

Standardization of automatic control systems for glass plants. M. A. Zevin, V. R. Iampulskiy, Stek. i ker. 22 no 9 31-37 S '65.

Using the statistical theory to estimate the strength of window glass. O. K. Botvinkin and others, Stek. i ker. 22 no 9 14-17 S '65.

GLASS MANUFACTURE—CHEMISTRY

High strength is a potentiality for the reliability and durability of glass Stek. i ker. 22 no 9 11 S '65.

Investigating the glass batch clarification process. I. A. Khaitonov, Stek. i ker. 22 no 9, 29-32 S '65.

Investigating the volatilization of fluorine during the manufacture of opal glass. K. M. Tatevoshin, M. G. Manvelian, A. F. Melik-Akhmaralian, Stek. i ker. 22 no 8, 10-12 Ag '65.

Make available the achievements of modern chemistry to the glass and ceramic industries. N. K. Ladin, Stek. i ker. 22 no 8, 4-5 Ag '65.

New lead-containing product for the manufacture of glassware and artistic glass. N. A. Iudin, G. V. Voronkova, N. E. Elizarov, Stek. i ker. 22 no 8, 18-19 Ag '65.

GLASS MANUFACTURE—ECONOMIC ASPECTS

Idling of the equipment has been reduced and profits rose. I. I. Peterson, Stek. i ker. 22 no 9, 44 S '65.

GLASS MANUFACTURE—SAFETY MEASURES

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Safety regulations and industrial sanitation in glass manufacturing enterprises] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii na predpriyatiakh stekol'noi promyshlennosti (SN 191-61) Izd. 2., 1ap. Moskva, Stroiizdat, 1965. 82 p.

GLASS PIPE see Pipe, Glass

GLASS REINFORCED PLASTICS

Device for studying the kinetics of the wetting of glass fillers with binders. T. P. Gilman and others, Plast. massy no 8, 53-55 '65.

Effect of loading conditions on the mechanical characteristics, creep, and relaxation of glass-reinforced plastics. M. A. Koltunov, Vent. Mosk. un. Ser. P. Mat., mekh. 20 no 4, 70-80 Ji-Ag '65.

Glass-reinforced plastics with glass flakes as filler. E. B. Tsostianskaya, G. M. Gundaev, Plast. massy no 8 60-63 '65.

Reinforced concrete plate formworks with plastic coating. A. Kh. Tugushev, Bet. i zhol.-bet. 11 no 9, 37-39 '65.

Round glass-reinforced plastic reinforcement for reinforced concrete pressure pipes. I. I. Akhverdov, Bet. i zhol.-bet. 11 no 9, 2-5 S '65.

Some features of the destruction process of glass reinforced plastic reinforcement. O. I. Boig, I. U. M. Nagevin, Bet. i zhol.-bet. 11 no 9, 34-36 S '65.

Stability of glass-reinforced plastic reinforcement in concrete. N. A. Moschanskii, Bet. i zhol.-bet. 11 no 9: 33-34 S '65.

Technology of glass-reinforced plastic reinforcement and some of its properties. N. P. Frolov, Bet. i zhol.-bet. 11 no 9, 5-8 S '65.

Unit for continuous forming of the glass-reinforced plastic with a cross wave. K. P. Shchukin and others, Stroi. mat. 11 no 8, 18-19 Ag '65.

GLASS REINFORCED PLASTICS—TESTING

Effect of technological and other factors on the properties of fiberglass reinforced plastics on a base of a polyester epoxide binder. L. I. Kravchenko, I. A. D. Avrasin, Plast. massy no 9, 25-29 '65.

GLASSWARE—PRICES

The system of retail trade prices for high-quality glassware and methods for improving it. B. P. Antropov, Vest. AN BSSR, Ser. i. tram. nav. no 2, 54-62 '65.

GLASSWARE—STORAGE

Construction of glass container storerooms from hipped mesh-reinforced concrete elements. IU, A. Pliusev and others. Prom. stroi. 12 no. 8:23-25 '65

GLASSWARE—TESTING

Investigating the strength and durability of glass products. S. F. Kozlovskii. V. I. Shchubskii. Stroi. tekhn. 22 no. 9:20-21 '65

GLASSWORKERS see subdivision under Konstantinovka (Ukraine)

GLAUCOMA

(see also subdivision under Chechen-Ingush A. S. S. R., Kabardin-Balkar A. S. S. R., Osetia, North)

Changes in the nervous elements of the retina in glaucoma in man. N. A. Matveeva. Nauch. trudy Kaz. gos. med. inst. 11:227-228 '64.
Effect of neuroplegic and ganglionic blocking agents on glaucoma patients. A. I. Lipovskaya. Sbor. nauch. trud. SOGMI no. 14:68-76 '63

Late observations on the course of glaucoma in aphakic eyes. A. A. Khutsukov. Sbor. nauch. trud. SOGMI no. 14:91-95 '63.

Mechanism of the therapeutic effect of antiglaucoma preparations. N. E. Piontak. Nauch. trudy Ka. gos. med. inst. 14:257-258 '61.

Miotic and vascular effect of organophosphorus anti-glaucoma compounds. N. E. Piontak. Nauch. trudy Kaz. gos. med. inst. 11:259-260 '64

Surgical treatment of a painful absolute glaucoma. Z. P. Berozova. Sbor. nauch. trud. SOGMI no. 11:77-80 '63.
Surgical treatment of uveal glaucoma. V. B. Prochorova, O. G. Sheliakina. Sbor. nauch. trud. SOGMI no. 14:81-88 '63.

Treatment of primary glaucoma with general mineral baths from the "Dolinsk No. 1" spring at the Nal'chik health resort. IU, A. Titulov. Sbor. nauch. trud. SOGMI no. 11:43-55 '63.

GLAUCOMA—PREVENTION see subdivision under Groznyy

GLAUCONITE see subdivision under Idzhevan Range

GLAZES

Syenite crystal glaze for ceramic products. I. G. Khizantshvili, G. G. Gapiindashvili. Stroi. tekhn. 22 no. 7:30-31 '65.

GLAZUNOV, ALEKSANDR KONSTANTINOVICH, 1865-1936

Meetings with Glazunov. V. Bogdanov-Berezovskii. Sov. muz. 29 no. 8:68-61 Ag '65.

GLOBULIN

Changes in the serum protein picture of animals during the immunization process. G. I. Ezhov. Trudy Un. dzh. nar. 7. Vop. med. no. 1:181-190 '61.

GLUCITOL—THERAPEUTIC USE

Nitrosorbide. Nov. lek. sred. no. 7:25-61 '65.

GLUCOSAMINE

Participation of N-acetyl-L-aspartic acid in acetylation of D-glucosamine in brain tissue extracts. G. Kh. Bunatian, V. S. Oganesian. Vop. biokhim. moz. 1:131-138 '64.

GLUCOSE

Effect of dicarboxylic amino acids and glucose on the level of amide nitrogen in brain proteins. A. V. Arutunian. Vop. biokhim. moz. 1:117-122 '61

Effect of dopamine on the absorption of glucose by rat brain sections. N. A. Esaulin, A. R. Arsenian. Vop. biokhim. moz. 1:123-130 '64.

Metabolism of sugar, volatile fatty acids and acetone bodies in the wall of the alimentary tract in sheep on an empty stomach and after feeding glucose solution. P. F. Soldatenkov, A. M. Emel'yanov. Fiziol. zhur. 50 no. 12:1484-1488 D '64.

GLUCOSE—THERAPEUTIC USE

Chloral hydrate-glucose therapy in carbamide poisoning of cattle. M. N. Peklistov. Veterinaria 41 no. 12:61-62 D '64.

GLUCOSE METABOLISM

Participation of the cerebellum in the regulation of intestinal absorption. V. S. Vasyulevskiy. Fiziol. zhur. [Ukr.] 10 no. 3:334-341 My-Je '64.

GLUE

Strength of concrete joints made with synthetic glue under various influences. A. S. Freidin, A. B. Sholokhova. Bot. i zhal.-bet. 11 no. 9:18-21 S '65.

GLUING

Application of ultrasonic waves for the intensification of the gluing of tendon joints. IU, M. Maidan. Bum. i dor. prom. no. 3:28-31 Ji-S '65.

GLUTAMIC ACID

Causes of contradictions in the determination of serum glutamic and oxalate transaminase. Z. F. Pashinskii. Lab. delo no. 8:467-472 '65.

Sedimentation, diffusion, and viscosity of poly- γ -benzyl-L-glutamate in solutions. V. N. Tsvetkov and others. Vysokom. soed. 7 no. 6:1098-1103 Je '65

GLUTAMIC ACID—OPTICAL PROPERTIES

Birefringence in an electric field, rotatory diffusion, and dipole moments of poly- γ -benzyl glutamate molecules in solution. V. N. Tsvetkov and others. Vysokom. soed. 7 no. 6:1111-1116 Je '65

Flow birefringence and optical anisotropy of poly- γ -benzyl-L-glutamate molecules in solution. V. N. Tsvetkov and others. Vysokom. soed. 7 no. 6:1101-1110 Je '65

GLUTAMIC ACID METABOLISM

Decarboxylation of glutamic acid in malignant tumors. T. T. Bererov, V. M. Khosman. Trudy Un. dzh. nar. 7. Vop. med. no. 1:30-38 '64.

Effect of pyridoxal-5-phosphate and DL-penicillamine on the decarboxylation of glutamic acid in homogenates of a rat rhabdomyosarcoma. T. T. Bererov, V. M. Khosman. Trudy Un. dzh. nar. 7. Vop. med. no. 1:39-43 '61.

GLUTARAMIDE

Kinetics of the polymerization of vinyl ester of N,N-disubutylglutaramide. G. N. Erudilin, K. A. Solop. Vysokom. soed. 7 no. 6:1050-1051 Je '65

GLUTARIC ACID

Transamination of γ -aminobutyric acid with α -keto-glutaric acid in the brain and other tissues of the chick embryo. G. Kh. Bumatian, R. R. Noranian. Vop. biokhim. moz. 1:5-13 '61

GLUTEN

Effect of gamma rays on the content and quality of gluten in spring wheat. I. V. Chernyi. Radiobiologiya 5 no. 4:602-604 '65.

GLYCERALDEHYDE

Kinetics of oxidation of aqueous solutions of glyceraldehyde by molecular oxygen. L. M. Andronov, Z. K. Mal'zuz, N. M. Emanuel'. Izv. AN SSSR. Ser. Khim. no. 9:1519-1523 '65

GLYCEROL

Production of higher grade glycerol without distillation. O. M. Sobolevich. Maslozhir. prom. 31 no. 9:37 '65.

Reducing glycerin losses in the processing of fatty acids. M. V. Irodov. Maslozhir. prom. 31 no. 9:31-32 S '65.

GLYCINE METABOLISM

Radioautographic study of glycine- C^{14} incorporation into certain parts of the nervous system of the white rat. N. D. Gracheva. TSitologiya 6 no. 3:321-330 My-Je '64.

GLYCOGEN

Dynamics of nucleic acids and glycogen in the process of tissue detoxication and restoration. T. A. Oskhell. Sbor. AN Gruz. SSR 38 no. 2:105-112 My '65.

Dynamics of the content of glycogen in the liver of rabbits in the development process of Brown-Pearce carcinoma. K. N. Gruzdeva. Trudy OMI no. 54:180-197 '64

Glycogen distribution in exudate neutrophils during hormonal influences. A. I. Bukhono. TSitologiya 6 no. 3:373-376 My-Je '64.

Pteric acid hydrolysis in the cytochemical Feulgen reaction for DNA as a means of preservation of glycogen and RNA in histological preparations. M. G. Shubich. TSitologiya 6 no. 3:384-387 My-Je '64.

Qualitative characteristics of the liver glycogens in experimental cancer. K. N. Gruzdeva. Trudy OMI no. 54:207-214 '64.

GLYCOGEN IN THE BODY

Histochemical determination of glycogen in the skin following certain dermatoses. A. I. A. Prokopenchuk, F. A. Khomich. Dokl. AN BSSR 9 no. 7:492-494 Ji '65

GLYCOGEN METABOLISM

Effect of heat stimulants on metabolism in the myocardium (glycogen, glycolysis enzyme activity). K. I. Rubchynska. Ukr. biokhim. zhur. 37 no. 4:553-557 '65.

Effect of tetracycline on the glycogen-forming function of the liver and the intestinal microflora in white mice. T. F. Koshik, A. F. Grishko. Antibiotiki 10 no. 7:636-640 Ji '65

Fat and glycogen in the life cycle of the infusorian *Tritina magna* Gruber. M. A. Frenkel'. Vest. LGU 20 no. 15:60-66 '65.

GLYCOLIS

Analyzing the composition of catalysis and studying the phase equilibrium with diethyl glycol. A. M. Avdey, V. M. Pokorski. Khim. i tekhn. topl. i masel 10 no. 7:12-16 Ji '65.

Extraction of aromatic hydrocarbons from reforming catalysts with aqueous triethylene glycol. V. N. Pokorski, M. N. Iablochkina. Khim. i tekhn. topl. i masel 10 no. 9:9-11 '65.

GLYCOLYSIS

Effect of heart stimulants on metabolism in the myocardium (glycogen, glycolysis enzyme activity). K. I. Rubchynska. Ukr. biokhim. zhur. 37 no. 4:553-557 '65

GLYCOPROTEINS

Comparative data on the study of glycoproteins and sialic acid of the blood serum in normal pregnancy and in late toxemia. L. G. Solnikova. Nauch. trudy Kaz. gos. med. inst. 14:546-550 '61.

Effect of total X-ray irradiation on the content of glycoproteins in the blood serum of normal and hypothyroid animals. T. I. Oletska. Biol. eksp. biol. med. 50 no. 3:51-56 Ag '65.

GLYCOSIDES

Pharmacological properties of individual glycosides in Syenite siltstone. A. S. Lapik, I. G. Ivanov. Izv. SO AN SSSR no. 8. Ser. biol.-med. nauk no. 7:126-130 '65

Synthesis of methyl ester of O-(β -D-galactofuranosyl)-L-asialic. N. A. Kochetkov and others. Izv. AN SSSR. Ser. Khim. no. 9:1695-1699 '65.

GOBIES

(see also subdivision under Caspian Sea)

Growth compensation and the Lee phenomenon in *Neogobius fluviatilis* Pallas. V. P. Bil'ko. Dop. AN URSS no. 9:1231-1240 '65.

GOETHE, JOHANN WOLFGANG VON, 1749-1832

Verse of Goethe as translated by O. Navoi'skiy. N. I. Bondarenko. Rad. lit. 9 no. 8:73-78 Ag '65.

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852

Genre and solution of conflicts. V. Shklovskii. Vop. lit. 9 no. 8:81-101 Ag '65.

GOTTER

(see also subdivision under Adzharia; Tatar A. S. S. R.)

Electrocardiographic data on patients with diffuse toxic goiter during R31 therapy. IU, I. Dazotets, G. I. Bogdanovich. Med. rad. 9 no. 11:15-18 N '61.

Pathological changes in the oral cavity in goiter. M. G. Zaitseva. Nauch. trudy Kaz. gos. med. inst. 14:429-430 '61.

GOLD

Absorption of oxygen on gold. N. V. Kulikova, L. P. Levechenko. Kin. i kat. 6 no. 1:765 Ji-Ag '65.

Study of gold alloyed natural surface of germanium. V. E. Frimachenko, O. V. Snitko, E. P. Mal'nev. Radiotekhn. i elektron. 10 no. 9:1733-1735 S '65

GOLD—ANALYSIS

Chemical and spectral methods of determining gold in geological samples. E. I. Savichev, E. V. Shuganov. Zav. lab. 31 no. 8:650-661 '65.

GOLD CHLORIDES

Kinetics of oxidation-reduction reactions involving an $AuCl_4$ ion. V. P. Karakov, A. M. Erenburg, B. I. Peshchevitskii. Kin. i kat. 6 no. 4:728-730 Ji-Ag '65.

GOLD-COPPER ALLOY PLATING

Investigating the causes of the instability of the electro-deposited gold-copper alloy from a neutral cyanic electrolyte. N. A. Shingunova, I. P. Gavrilova. Zashch. nat. 1 no. 5:521-524 S-O '65.

GOLD ELECTRODES see Electrodes, Gold

GOLD ORES

(see also subdivision under Esargochar District; Kolyma Valley)

Seminar for studying gold-ore deposits. Geol. i geofiz. no. 7:140 '65.

Time of gold separation from metal-bearing solutions. N. G. Titun. Izv. AN SSSR. Ser. geol. 30 no. 8:40-44 Ag '65.

GOLODNAYA STEPPE—DRAINAGE

Preliminary results of testing the structures for horizontal subsurface drainage. T. P. Polenova. Trudy TSenti. opt.-mel. sta. Soluz'NIKII no. 2:31-36 '64.

Some results of the study of the soil improvement effect of horizontal subsurface drainage in the Golodnaya Steppe. V. N. Grebennikov. Trudy TSenti. opt.-mel. sta. Soluz'NIKII no. 2:3-31 '64.

- GOLODNAYA STEPPE—PEAS**
Practices in growing peas in the Golodnaya steppe.
E. A. Lifshits. Trudy Tsent. opyt.-mel. sta. Soiuza NKKh no. 2 52-57 '64.
- GOLODNAYA STEPPE—PLOWING**
Use of a plow with a colter in the Golodnaya Steppe.
A. A. Antonov. Trudy Tsent. opyt.-mel. sta. Soiuza NKKh no. 2 37-47 '64.
- GOLODNAYA STEPPE—SALINE AND ALKALI SOILS**
Changes in the chemical properties of salinized virgin soils under the effect of cultivation. K. A. Divil.
Pochvovedenie no. 8 18-24 Ag '65.
- GOLODNAYA STEPPE—SOLOONCHAK SOILS**
Practices in bringing Solonchak soils under cultivation in Golodnaya Steppe. K. Abdurazakov. Trudy Tsent. opyt.-mel. sta. Soiuza NKKh no. 2 48-51 '64.
- GOLOVNNIN, VASILII MIKHAILOVICH, 1776-1831**
Golovnin, V. M. [Captain of the Navy Golovnin's voyage around the world on the sloop of war "Kamchatka" in 1817, 1818 and 1819] Puteshestvie vokrug sveta, sovershennoe na voennom shliupe "Kamchatka" v 1817, 1818 i 1819 godakh flota kapitanom Golovninym. [Moskva, Mysl', 1965] 383 p.
- GONADOTROPIN**
Use of hormonal serum for Kazakhstan argali Merino sheep. Zh. Makbuzov, A. -Sh. M. Amambayev. Vest. sel'khoz. nauki [Kazakh] 8 no. 9 37-42 S '65.
- GONCHAROV, IVAN ALEKSANDROVICH, 1812-1891**
From the creative history of I. A. Goncharov's novel "Oblomov." E. I. Musatov. Izv. AN SSSR, Ser. lit. i jaz. 24 no. 4 341-345. 31-Ag '65.
- GORBATOV, BORIS LEONT'EVICH, 1908-1954**
Quietly and sensibly. A. Makarov. Oktabr' 42 no. 9 202-204 S '65.
- GOR'KII, MAKSIM, 1868-1936**
M. Gor'kii's romantic tale "The girl and death." E. A. Kolesnikova. Uch. zap. Kazan. univ. 124 no. 5 107-117 '64.
Novich, I. S. [Literary testament of Gor'kii; his work "Life of Kfim Samgina"] Khudozhestvennoe zaveshchanie Gor'kogoi; "Zhizn' Kl'ma Samgina." Moskva, Sovetskii pisatel', 1965. 537 p.
- GORKYI—LAY JUDGES**
Prusakov, N. S. [People's judge] Narodnyi sud'ia. Moskva, Iuridicheskaya literatura, 1965. 46 p.
- GORKYI PROVINCE—AGRICULTURAL LIBRARIES**
With universal functions. K. Tupikina. Biblioteka 43 no. 9 15-17 S '65.
- GORKYI PROVINCE—RAILROADS—YARDS**
Mechanized freight yard. V. S. Semenov, Zhelez. dor. transp. 47 no. 9 31-32 Ag '65.
- GORNAYA SHORIYA—IRON ORES**
Genetic characteristics of the Medvez'ye deposit in the Kuz group of iron ore deposits. A. P. Bolarskhina, A. I. Vasil'eva, V. N. Sharapov. Geol. i geofiz. no. 2 149-152 '65.
- GORNAYA SHORIYA—LEUCITE**
Pseudoleucite rocks in Mt. Sokol of Gornaya Shoriya. V. A. Kurepin. Geol. i geofiz. no. 2 21-31 '65.
- GORNAYA SHORIYA—MONZONITES**
Il'enok, S. S. [Petrology of the gabbro syenite complex of Gornaya Shoriya] Petrologiya Gabbro-Syenitovogo kompleksa Gornoi Shorii. Tomsk, Izd-vo Tomskogo univ., 1964. 128 p.
- GORNO-ALTAI AUTONOMOUS PROVINCE—VETERINARY HYGIENE**
In the drive for the development of communal animal husbandry. P. Kostiaev. Veterinariia 42 no. 7 12-13. 31 '65.
- GOSSYPOL**
Structure of gossypol. A. L. Markman, A. I. Glushenkova, Maslozhir. prom. 31 no. 9 6-8 S '65.
- GOVERNORS (MACHINERY)—MAINTENANCE AND REPAIR**
Repairing the receiving nozzle of the relay amplifier of a regulator. I. U. M. Korshunov. Sudostroenie 30 no. 7 50. 31 '64.
- GRADING AND MARKING (STUDENTS)**
Grades should have a psychological effect. G. F. Grinenko. Shkola i prosv. 9 no. 9 10-11 S '65.
- GRAIN** see subdivision under Altai Territory, Dnepropetrovsk Province, Voronezh Province
- GRAIN—CLEANING**
The ZVS-20 grain cleaner. L. Tsel'skaya. Tekh. v sel'khoz. 25 no. 8 56-57 Ag '65.
- GRAIN—COSTS** see subdivision under Ural Mountain region
- GRAIN—DISEASES AND PESTS**
Calculation of the distribution of dose power in a grain γ-sterilizer and determination of its basic parameters by continuous disinfection method. S. V. Andreev, B. K. Martens. Radiobiologiya 5 no. 4 605-611 '65.
- GRAIN—DRYING**
Air dryer and heater for drying grain. V. Filatov, V. Bogomolikh. Tekh. v sel'khoz. 25 no. 9 72-74 S '65.
Automatic control of grain drying furnaces. V. Kraus, V. Ruzhigin. Tekh. v sel'khoz. 25 no. 8 18-21 Ag '65.
- GRAIN—FERTILIZERS AND MANURES**
Effect of fertilizers on the nitrogen and phosphorus ratio in grain crops during vegetation. L. N. Kartava, Agrokhemiya no. 9 42-51 S '65.
- GRAIN—HARVESTING**
Komarova, M. K., and V. I. Nedovesov. [Controlling the loss of headed grain] Bor'ba s poteriami zernovykh kolosovykh. Moskva, Rossel'khozizdat, 1965. 83 p. (DNAL)
- GRAIN—TRANSPORTATION**
Increase the reliability of grain bucket conveyors. V. Naidenov. Tekh. v sel'khoz. 25 no. 8 67-68 Ag '65.
Organize timely transportation of the new grain crop. Rezh. transp. 24 no. 8 1 '65.
- GRAIN—VARIETIES**
[New highly productive varieties of grain crops] Novye vysokoproduktivnye sorta zernovykh kul'tur. Moskva, Kolos, 1965. 319 p. (DNAL)
- GRAIN—HANDLING MACHINERY**
Ranov, A. I., and others. [Machines for overall mechanization of grain loading and unloading operations] Mashiny dlia kompleksnoi mekhanizatsii pogruzochno-razgruzochnykh rabot s zernom. Moskva, Kolos, 1964. 230 p.
- GRAIN PRODUCTS** see Cereal products
- GRAMMAR, COMPARATIVE AND GENERAL**
Applicative engendering model and formalization of grammatical synonymy. S. K. Shumilina, P. A. Soboleva. Vop. iz. 14 no. 5 31-50 S-O '65.
Experiment of quantitative typology of the semantic field. V. A. Moskvichev. Vop. iz. 14 no. 4 80-91. 31-Ag '65.
- GRANARIES—DISINFECTION**
Levchenko, E. A. [Control of granary pests] Bor'ba s vreditel'ami khlebykh zapasov. Moskva, Kolos, 1965. 142 p.
Possibility of the use of electrostatic accelerators of charged particles for the sterilization of granary pests. S. V. Andreev. Dokl. Akad. sel'khoz. nauk no. 8 12-16 Ag '65.
Use of industrial chlorophos in the control of granary pests. L. P. Blakina. Vest. sel'khoz. nauki [Kazakh.] 8 no. 9 103-112 S '65.
- GRANITE** see subdivision under Aldan Plateau, Tien Shan; Transbaikalia, Ural Mountains
- GRANITE—ANALYSIS**
(see also subdivision under Altai Mountains)
Dependence of the content of accessory minerals in granitoids on the composition of biotite. V. V. Liakhovich. Geol. i geofiz. no. 8 105-117 '65.
An example of the structure of a beryllium-bearing granite zone. S. V. Zharavlev. Geol. i geofiz. no. 2 49-58 '65.
- GRANULAR CONJUNCTIVITIS** see Conjunctivitis, Granular
- GRANULAR MATERIALS**
Some problems in the dynamics of a loose medium. N. E. Pavliuk. Prikl. mekh. i no. 8 120-127 '65.
- GRANULAR MATERIALS—AERODYNAMICS**
Aerodynamic characteristics of some materials used in the manufacture of artificial leather and plastic films. A. M. Lul'chik. Izv. vyz. ucheb. zav. i tekhn. log. prom. no. 4 69-68 '65.
- GRANULAR MATERIALS—CLASSIFICATION**
Determining the granular ore-like composition of free-flowing substances by means of the pneumoclastic method. N. M. Rudnyi, R. S. Stankevich, R. A. Nesterchuk. Khim. mashinost. no. 1 130-135 '65.
- GRANULAR MATERIALS—DRYING**
General equation for the coefficient of drag of particles of various isometric shape during the relative motion in an infinite medium. I. A. Vakhutchev. Khim. prom. 41 no. 8 614-617 Ag '65.
- GRANULAR MATERIALS—FLUID DYNAMICS**
Hydraulic resistance of the layer of granular catalysts. V. M. Kuzanov, A. Gonales, N. M. Karavaev. Khim. i tekhn. topl. i masel. 10 no. 8 1-1 Ag '65.
- GRANULAR MATERIALS—MEASUREMENT**
Volumetric determination of a blasted rock mass and in piles by surface stereophotography and a double projector. N. P. Stukachinskii. Izv. vyz. ucheb. zav., gor. zhut. 8 no. 7 61-68 '65.
- GRAPES** see subdivision under Georgia
- GRAPES—DISEASES AND PESTS**
Pinks, I. A. I. [Vineyard Phylloxera and its control] Vinogradnaya filoksera i merenbye s neli. Moskva, Nauka, 1965. 203 p. (DNAL)
- GRAPES—FERTILIZERS AND MANURES** see subdivision under Georgia
- GRAPES—PRESERVATION** see subdivision under Crimea
- GRAPES—VARIETIES** see subdivision under Armenia
- GRAPH THEORY**
Akademii nauk URSS, Kiev. [Problems of theoretical cybernetics] Voprosy teoreticheskoi kibernetiki. Kiev, Naukova dumka, 1965. 200 p. (Respublikanskiy nauchno-vedomstvennyi sbornik: Kibernetika i vychislitel'naya tekhnika)
Coverings and minimum coverings of a graph by a system of neighborhoods of its vertices. E. I. Vektukhova. Dik. anal. no. 3 3-24 '64.
Determination of the chromatic class of a p-graph. V. G. Vizing. Dik. anal. no. 3 25-30 '64.
- GRAPHITE**
Adsorption of globularizing elements on graphite crystals in cast iron. A. P. Lul'chenko, D. G. Sherman. Izv. met. i metallov. 20 no. 2 303-308 Ag '65.
Diffusion metallization of graphite powders. G. V. Zernakov, A. I. Shestakov. Porosh. met. 5 no. 9 1-5 S '65.
Effect of the graphite content on the antifission properties of metal-graphite materials. L. I. Ingula, I. M. Fedorchenko, N. E. Ponomarenko. Porosh. met. 5 no. 9 53-58 S '65.
Microstructure defects of artificial graphite. S. V. Shulopov and others. Izv. AN SSSR, Neorg. mat. 1 no. 7 1005-1009. 31 '65.
Structural change in globular graphite in the cyclic thermal treatment of cast iron. A. A. Ilarunov, K. P. Bunin, E. D. Glebova. Dokl. AN SSSR 164 no. 1 84-85 S '65.
- GRAPHITE—MAGNETIC PROPERTIES**
Diamagnetic susceptibility and the linear thermal expansion of carbon graphite materials. A. S. Fialkov and others. Porosh. met. 5 no. 9 87-95 Ag '65.
- GRAPTOLITES** see subdivision under Fergana Province
- GRASSES—VARIETIES**
Chemical composition of grasses on peat bogs. V. Kullennurme, Zemledelie 27 no. 6 39-42. 30 '65.
- GRAVITATION**
Generalized the co-dimensional problem of two fixed centers. Classification of the motions involved. V. M. Alekseev. Biol. mat. teor. astron. 10 no. 4 241-271 '65.
- GRAVITY**
Allowing for the slope of a frontal surface in calculating the geopotential field. S. A. Pavlovskaya. Izv. AN URSS, Ser. fiz.-mat. nauk 9 no. 4 33-39 '65.
Some cases of perturbed motion of a material point in a central field of gravity. I. U. O. Kikh, N. A. Avramchuk. Dop. AN URSS no. 9 1139-1145 '65.
- GRAVITY—MEASUREMENT**
Vertical and the relative equilibrium of a mathematical pendulum. I. I. Pomykaev. Trudy MAI no. 161 5-15 '65.

GRAVITY ANOMALIES

(see also subdivision under Caucasus, Northern, Shkhali)

Gravity anomaly V_{gr} over anticlinal and synclinal structures in the earth's crust. I. A. A. Iun'kov, B. I. Balakh, Dop. AN URSS no. 0:117-1171 '65

Some problems of the calculation of anomalies in the Bouguer reduction with varying density of topographic masses. A. V. Ladyzhin. Geol. i geofiz. no. 2:89-106 '65

GRAVITY PROSPECTING

(see also subdivision under Taiman Peninsula)

Analysis of the effect of relief and possibilities of its calculation in gravimetric surveying under the conditions of mountain areas. V. N. Zimhanov, Razved. geofiz. no. 5:77-79 '65

Considering the effect of mining on measurements with a gravity variometer. A. A. Iun'kov. Razved. geofiz. no. 4:59-65 '65

Determining the density of the intermediate layer using the methods of information theory and mathematical statistics. V. M. Berczikin, N. I. Nefedova, Razved. geofiz. no. 5:34-46 '65

Interpretation of Δg anomalies in underground prospecting, calculation of the intensities and sizes of a disturbing body. A. A. Iun'kov, Razved. geofiz. no. 5:56-62 '65

Measurement of gravity depending on the altitude of scaling. R. F. Volodarskiy. Razved. geofiz. no. 1:66-70 '65

Nature of the gravity field over the vertical stage in the smooth variation of density in a transition zone. V. I. Pavlovskiy, E. B. Serbriakov, Razved. geofiz. no. 5:47-55 '65

Use of gravity variometers for determining the location of cavities in mine workings. V. M. Pelushenko. Razved. geofiz. no. 4:75-78 '65

Using the second vertical derivative of the gravity anomaly in gravity prospecting. B. V. Vikhriv, Prikl. geofiz. no. 1:162-176 '65

GREAT BRITAIN—AIRPLANE INDUSTRY

Lushnikov, I. E. [British airplane-building monopolies on the foreign markets] Aviastranitel'nye monopoli Anglii na vneslunikh rynkakh. Moskva, 1965. 27 p. (Biuletent' inostrannoi kommercheskoj informatsii, prilozhenie, no. 12)

GREAT BRITAIN—ARMY—APPROPRIATIONS AND EXPENDITURES

The armament race and economics. K. Zililacus, Mezhdunar. zhizn' 12 no. 10:120-121 O '65

GREAT BRITAIN—ATOMIC WEAPONS—INTERNATIONAL CONTROL

Zhigalov, I. I. [The movement of supporters of peace in Great Britain] Dvizhenie storonnikov mira v Velikobritanii. Moskva, Znaniye, 1965. 38 p. (Novoe v zhizni, nauke, tekhnike VII Seriya: Mezhdunarodnaya, no. 16)

GREAT BRITAIN—CAR TOGRAPHY

Present-day aspects of cartography in Great Britain. P. K. Koldnev, Geod. i kart. no. 9:57-63 Ag '65

GREAT BRITAIN—COLONIES—AFRICA see Africa—British colonies

GREAT BRITAIN—COMMERCE

Lushnikov, I. E. [British airplane-building monopolies on the foreign markets] Aviastranitel'nye monopoli Anglii na vneslunikh rynkakh. Moskva, 1965. 27 p. (Biuletent' inostrannoi kommercheskoj informatsii, prilozhenie, no. 12)

GREAT BRITAIN—COMMUNIST PARTY

Zhigalov, I. I. [The movement of supporters of peace in Great Britain] Dvizhenie storonnikov mira v Velikobritanii. Moskva, Znaniye, 1965. 38 p. (Novoe v zhizni, nauke, tekhnike VII Seriya: Mezhdunarodnaya, no. 16)

GREAT BRITAIN—CONSERVATIVE PARTY

Where is the "new approach?" S. Ivanov. Nov. vrem. 23 no. 43:14-15 O '65

GREAT BRITAIN—ECONOMIC CONDITIONS

The conference in Blackpool. Andrew Rothstein, Nov. vrem. 23 no. 41:19-21 O '65

Encounters beyond the La Manche. A. Krashenninnikov. Mol. komm. no. 9:109-110 S '65

GREAT BRITAIN—LABOR PARTY

The conference in Blackpool. Andrew Rothstein, Nov. vrem. 23 no. 41:18-21 O '65

GREAT BRITAIN—MARITIME LAW—CASES

England. Inform. shor, TSNIIMF no. 110, Mor. pravo i prak. no. 23:74-77 '63

GREAT BRITAIN—MILITARY POLICY

Aggression policy and the progressive forces of Great Britain, 1955-1964. I. Zhigalov, Voen.-ist. zhur. 7 no. 9:93-100 Ag '65

GREAT BRITAIN—RELATIONS (GENERAL) WITH THE ARAB COUNTRIES

Great Britain and the Arabs on the eve of the First World War. Al-Tikhli Hashim Saleh. Vest. Mosk. un. Ser. 6: Ist. 20 no. 5:135-17 S-O '65

GREAT BRITAIN—SHIPS

Ships built in England. Sudostroyeniye 30 no. 7:65-67 JI '65

GREAT BRITAIN—YOUTH

Encounters beyond the La Manche. A. Krashenninnikov. Mol. komm. no. 9:109-110 S '65

GREECE—POLITICS AND GOVERNMENT

Calm before a storm, a letter from Athens. Aristes Grekov, Nov. vrem. 23 no. 42:10-11 O '65

GREEN MANURING

Time for the plowing under of winter crops as green manure in orchards. O. A. Cherepkhina, Dokl. Akad. sel'khoz. nauk no. 5:17-18 My '65

GREENLAND—MINERALOGY

Special features of the mineralogy of the Himeussang Massif. V. I. Gerasimovskiy. Zap. Vses. min. ob.-va 91 no. 4:444-447 '65

GREEN'S FUNCTIONS

Bound states of a particle moving in a nonlocal potential. O. M. Korol'ov, Ukt. fiz. zhur. 10 no. 9:959-976 S '65

GRIBOV, SERGEI EFIMOVICH, 1895-1938

Corps commander S. E. Gribov, P. Selivanov. Voen.-ist. zhur. 1 no. 7:120-128 JI '65

GRIGOROVICH, VIKTOR IVANOVICH, 1915-1976

In memory of V. I. Grigorovich on the 150th anniversary of his birth. S. B. Bernshteyn, Izv. AN SSSR, Ser. lit. i izn. 24 no. 4:350-362 JI-Ag '65

GRINDING AND POLISHING

(see also subdivision under Dnepropetrovsk, Odessa)

Ball-drum machine for grinding curvilinear surfaces of bars with shaped cross section. A. N. Klimenchuk, Buii. i der. prom. no. 3:40-41 JI-S '65

Centralized grinding of metal-cutting tools. S. E. Tvorovskiy and others, Mashinostroyeniye no. 5:7-8 S-O '65

Compensation of burrblowing and honing of engine cylinders. I. Lunevskiy, D. Orlov, Avt. transp. 43 no. 9:28-28 S '65

Diamond centerless tapping of hard-alloy pin gauges. G. V. Chaika, V. I. Khvorostovskiy, Mashinostroyeniye no. 5:23-24 S-O '65

Diamond machining of hard-alloy drawing tools. L. I. Kabanovskiy, G. V. Chaika, R. P. Izakov, Mashinostroyeniye no. 5:21-23 S-O '65

Grinding reamers. G. S. Zheleznev, Stan. i instr. 30 no. 8:24-25 Ag '65

Grinding steel with synthetic diamond wheels on ceramic binder. A. A. Sigarda, L. L. Mishchenkovskiy, F. G. Ruban, Mashinostroyeniye no. 5:20-21 S-O '65

Improving the grinding of taps. P. V. Krupenka, Stan. i instr. 30 no. 8:27 Ag '65

Organizing the grinding of hard-alloy cutting tools with synthetic diamond wheels. G. D. Vodovozov, M. L. Odeskiy, Mashinostroyeniye no. 5:6-7 S-O '65

Problems of the precision of an active control during circular external feed grinding. I. S. Amosov, O. A. Ivanov, Trudy LPI no. 250:22-26 '65

Technology of diamond machining of hard-alloy rings for planing coaches. I. P. Zakharenko, N. P. Dubovik, O. A. Rozenberg, Mashinostroyeniye no. 5:15-17 S-O '65

Universal ball burnishers. I. I. G. Schneider and others, Stan. i instr. 30 no. 8:20-22 Ag '65

GRINDING MACHINES

Device for grinding drills with a diameter up to 1 mm. N. M. Eroshova, V. M. Fedlaeva, Stan. i instr. 30 no. 8:23-24 Ag '65

Introducing an automatic machine for grinding and polishing spheres. A. V. Chistakov, Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 18 no. 7:30-31 JI '65

Manufacturing a set of high-precision groove-grinding machines. M. Sh. Shofman, Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 18 no. 7:25-27 JI '65

Manufacturing the LSh-27 semiautomatic centerless grinding machine. V. N. Bakman, Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 18 no. 7:28 JI '65

Manufacturing the LSh-28B automatic groove-grinding machine. V. P. Bytashko, Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 18 no. 7:29-30 JI '65

GRINDING MACHINES—ATTACHMENTS

Cutting narrow grooves in multi-neck heads of magnetic recorders. G. I. Zheleznev, G. A. Lebedev, Stan. i instr. 30 no. 8:41 Ag '65

GRINDING MACHINES—DESIGN AND CONSTRUCTION

Modernization of the 4-SHS machine. P. A. Ivanov, Stok. i ker. 22 no. 8:30-32 Ag '65

GRIPPE see Influenza

GRISOFULVIN

Fluorometric determination of griseofulvin. N. M. Ivanov, A. A. Nevinskii, N. S. Redi. Lab. delo no. 9:561-566 '65

GRISTLE see Cartilage

GROCERY TRADE—MANAGEMENT see subdivision under Moscow

GROIN—CANCER

Anatomical indications for the radical resection of the inguinal lymph nodes. V. V. Martynuk, Vop. onk. 11 no. 9:22-29 '65

GROUND-EFFECT MACHINES

Designing vehicles supported by an air cushion with a partial relieving. G. I. Stepanov, D. V. Arutunian, Avt. prom. 31 no. 9:24-27 S '65

GROUPS, THEORY OF

Commutative systems as generalized semigroups. Z. Gerdin, Dokl. AN SSSR 164 no. 3:483-486 S '65

D-structure of finite groups. L. A. Shemetkov, Mat. sbor. 67 no. 3:381-107 JI '65

Generally soluble groups and their group rings. D. M. Smirnov, Mat. sbor. 67 no. 3:366-383 JI '65

Groups determined by identities with one isolated element. A. P. Brikukov, Mat. sbor. 67 no. 3:161-173 JI '65

Local homology groups of various kinds and their mutual relationships. L. R. Rukhadze, Sb. AN Gruz. SSR 39 no. 2:261-268 Ag '65

Potential reducibility of elements in some semigroups of transformations. E. G. Shustov, Mat. sbor. 68 no. 1:1-16 S '65

Ring groups and the duality principle Part 2. G. I. Kuts, Trudy Mosk. mat. ob.-va 13:94-113 '65

Singular integral operators on a group. H. A. Pimenovskiy, Dokl. AN SSSR 164 no. 1:47-50 S '65

Spaces of affine connectivity admitting of a transitive group of motions having a totally reducible stationary linear subgroup. N. M. Plamenova, Mat. sbor. 68 no. 1:75-80 S '65

Spectrum of the energy operator for atoms with stationary nuclei on subspaces depending on irreducible representations of a group of permutations. G. M. Zhilina, A. G. Siglov, Izv. AN SSSR, Ser. mat. 20 no. 4:835-860 '65

Structure of a group of automorphisms of a homogeneous convex cone. B. B. Vinberg, Trudy Mosk. mat. ob.-va 13:51-63 '65

GROUTING

Inflow of fresh groundwater in the Donetsk Basin mine shafts and measures for its control. A. A. Popov, Stok. i ker. 22 no. 9:12-14 S '65

Settling of the solid phase during filtration of dispersed liquids. I. L. Vakhtangov, Izv. vuz. ucheb. zav. i gos. zhur. 8 no. 7:40-51 '65

GROWTH

Growth compensation and the Lee phenomenon in Neogobius fluviatilis Pallas. V. P. Bil'ko, Dep. AN URSS no. 9:1237-1240 '65

GROWTH (PLANTS)

Obucheva, N. V. [Physiology of growing root cells] Fiziologiya rastushchikh kletok korol. Moskva, Nauka, 1965. 100 p.

GROWTH PROMOTING SUBSTANCES

Effect of growth substance of petroleum origin and new forms of petroleum fertilizers on the yield of chick-pea in dark chernozem soils. S. A. Manafov, Dokl. AN Azerb. SSR 21 no. 5:67-68 '65

Effect of the treatment of tubers with growth stimulants on the yield of potatoes. O. G. Khil'kova, Dokl. Akad. sel'khoz. nauk no. 7:15-17 JI '65

Effectiveness of growth promoting substances of petroleum origin on tea plantations in Georgia. A. E. Reizdo, Subtrop. kul't. no. 1:33-41 '65

Use of hydrolytic lignin for the production of quimonic nitropolycarboxylic acids as growth promoting substances. M. I. Chudakov and others, Dokl. AN SSSR 164 no. 3:598-601 S '65

GROZNYI—GLAUCOMA—PREVENTION

Results of conducting preventive screenings for glaucoma in Groznyy in 1962. M. M. Sakharova, E. B. El'kina, Stok. nauch. trud. SOGM no. 14:65-67 '63

GROZNY—MEDICAL SCREENING

Results of conducting preventive screenings for glaucoma in Grozny in 1962. M. M. Sakharova, E. B. El'kina, S. I. Kruch'nykh. *SOGMI* no. 11:65-67 '63.

GUANDINE

Metastasis of guanine mutations of the poliovirus. V. L. Agol, E. A. Tol'shina, M. A. Voroshilova. *Dokl. AN SSSR* 164 no. 2:133-136 '65.

GUARDIAN AND WARD see subdivision under Vitebsk Province

GUINEA—POLITICS AND GOVERNMENT

Five years of political tempesting. V. Iordanski. *Az. i Afr. seg* 9 no. 5:20-22 Ag '65.

GULF STREAM

Some causes of variation in the characteristics of waters, based on the example of the Gulf Stream zone. A. T. Shevtsov. *Okeanologia* 5 no. 1:605-613 '65.

GUMS AND RESINS

On the agency of mechanization of the processing of resinous wood. V. K. Iglshev. *Gidroliz. i lesokhim. prom.* 18 no. 6:32 '65.

GUM AND RESINS, SYNTHETIC see Resins, Synthetic

GUNIT

Improving the equipment for gunit work. T. P. Chernov, B. T. Giaznov. *Mekh. stroit.* 22 no. 7:18-20 Ji '65.

GUNNERY

Russia (1923- U.S.S.R.) Ministerstvo oborony. [Artillery manual of the Soviet Army; formations and firing service of ground artillery.] *Nastavleniye artillerii Sovetskoi Armii, stoi i ognevala sluzhba narymnoi artillerii*. Moskva, Voenizdat, 1955. 307 p.

GUNSHOT WOUNDS

Expert-evidence value of the impact impression in injuries from self-made weapons. M. V. Rozinov. *Sud.-med. eksp.* 8 no. 3:50-52 Ji-S '65.

Trubnikov, V. F. [Treatment of gunshot fractures of the femur.] *Lecheniye ognestrel'nykh perelomov bedra Klev*, Zdrav'ya, 1965. 208 p. (DNLM)

GUNSHOT WOUNDS—COMPLICATIONS AND SEQUELAE

Voropay, M. M., and others. [Late sequelae of blind gunshot wounds of the lungs.] *Otdaleniye posledstviya slepykh ognestrel'nykh ranenii legkikh*. Moskva, Meditsina, 1965. 140 p. (DNLM)

GURIA—GEOLOGY, STRATIGRAPHIC

Stratigraphy of the Malkop series of Guria. R. I. Budosh-tskii. *Soob. AN Gruz. SSR* 38 no. 2:337-342 My '65.

GYANDZHA KHANATE—PUBLIC HEALTH

Development of public health in the Gyandzha Khanate following its incorporation into Russia, 1814-1917. A. V. Mamedov. *Azerb. med. zhur.* 42 no. 4:70-74 Ap '65.

GYMNASTICS, MEDICAL see Exercise therapy

GYNECOLOGY

Basic aspects of the methodology of exercise therapy in gynecological cellulitis. I. I. Kurpan. *Vop. kur., fizioter. i lech. fiz. kul't.* 30 no. 4:350-362 Ji-Ag '65.

Cancer of the female urethra, according to data of the Institute of Oncology of the Academy of Medical Sciences of the U.S.S.R. N. A. Berman, A. N. Kosareva. *Vop. onk.* 11 no. 9:66-71 '65.

Treatment of gynecological diseases at Tskaltubo Health Resort. N. S. Agadzhanov. *Vop. kur., fizioter. i lech. fiz. kul't.* 30 no. 4:355-358 Ji-Ag '65.

GYPSY MOTH—FOOD

Development of the gypsy moth (*Oncetia dispar* L.) feeding on acorns under laboratory conditions. A. Z. Zlotin, M. A. Lymareva, A. G. Tremi. *Zool. zhur.* 14 no. 7:1098-1100 '65.

GYROCOMPASS

Adjustable gyrohorizontal compass. I. A. N. Rottenberg. *Prikl. mat. i mekh.* 20 no. 4:723-728 Ji-Ag '65.

Errors of distant reading gyrocompasses of the "Kurs" and "Giria" type. N. N. Posenko. *Mor. shor* 48 no. 10:56-61 O '65.

The new GI-BI Hungarian surveyor's gyrocompass. D. N. Ogioblin. *Gor. zhur.* no. 9:73-75 S '65.

GYROSCOPE

Use of the Rodrigues-Hamilton and Cayley-Klein parameters in applied gyroscopic theory. V. N. Koshliakov. *Prikl. mat. i mekh.* 20 no. 4:729-733 Ji-Ag '65.

GYROSCOPIC INSTRUMENTS

Modern gyroscopic instruments and prospects of their development. S. I. Antonov. *Trudy MAI* no. 161:120-137 '65.

Movement stability of gyroscopic and physical pendulums on movable foundations. A. I. Gurin. *Inzh. zhur.* 5 no. 4:603-607 '65.

Optimization of nonlinear servosystems of gyroscopic devices. A. V. Replikov. *Trudy MAI* no. 161:98-108 '65.

HABIT

Degeneration of habits in aged mental patients. S. I. Rubinshtein. *Trudy Gos. nauch.-issl. inst. psikh.* 43:58-67 '65.

Methodology for studying the degeneration of habits in mental patients. E. A. Rodionova. *Trudy Gos. nauch.-issl. inst. psikh.* 43:207-212 '65.

HABITS AND BEHAVIOR OF ANIMALS see Animals, Habits and behavior of

HAFNIUM

(see also subdivision under Kazakhstan)

"Analytical chemistry of zirconium and hafnium" by S. V. Elinson, K. I. Petrov, V. M. Peshkova. *Zhur. anal. khim.* 20 no. 9:1025 '65.

HAFNIUM CARBIDES

Activated sintering of tantalum and hafnium carbides. A. A. Panasiuk. *Izv. AN SSSR. Neorg. mat.* 1 no. 7:1065-1070 Ji '65.

HAFNIUM COMPOUNDS

Distribution of hafnium thiocyanates during their extraction with acetophenone. A. I. Orlov, I. V. Vinarov, L. M. Burtchenko. *Ukr. khim. zhur.* 31 no. 8:775-777 '65.

Enthalpy of formation of calcium, strontium, and barium metahafnates. A. S. L'vova, N. N. Fedos'ev. *Zhur. fiz. khim.* 39 no. 8:2014-2051 Ag '65.

HAIR

Structure of the rodent hair cuticle, its variability and its significance for systematics. N. V. Kimelevskaya. *Zool. zhur.* 44 no. 7:1064-1071 '65.

HAITI—POLITICS AND GOVERNMENT

The tragedy of Haiti. G. Auguste. *Nov. vrem.* 23 no. 12:11-16 O '65.

HALAN, IAROSLAV, 1902-1949

V. Bonch-Bruyevich's views of Iaroslav Halan. V. Beliaev. *Vop. lit.* 9 no. 8:169-173 Ag '65.

HALIDES

Activity coefficients, complete hydration numbers, and transport numbers of ions in aqueous solutions of 1:1-halides. A. S. Solovkin. *Elektrokhimiya* 1 no. 8:988-990 Ag '65.

HALL EFFECT

Field effect on a pure silicon surface. H. A. Katrych. *Ukt. fiz. zhur.* 10 no. 9:1038-1041 S '65.

Hall effect in liquid alloys of the system Hg - Tl. A. A. Andreev, A. R. Regel'. *Fiz. tver. tela* 7 no. 8:2567-2569 Ag '65.

Temperature dependence of the Hall effect and electroconductivity in germanium telluride. A. A. Andreev, L. M. Sysoeva, E. I. Lev. *Fiz. tver. tela* 7 no. 8:2558-2559 Ag '65.

HALLIK, OSVALD, 1906-1964

Osvad Gusevovich Hallik: an obituary. *Pochovovedenie* no. 8:125-126 Ag '65.

HALLUCINATIONS AND ILLUSIONS

Clinical psychological examination of patients with the paranoid form of schizophrenia with the Kandinskii-Clerambault syndrome. T. A. Klimushova. *Trudy Gos. nauch.-issl. inst. psikh.* 43:117-120 '65.

Disorders of depth perception in schizophrenia patients. I. G. Katraeva. *Probl. sud. psikh.* no. 13:136-143 '62.

Some clinical characteristics of the Kandinskii syndrome and its evaluation on the basis of forensic psychiatry. I. N. Poryvaylii. *Probl. sud. psikh.* no. 13:168-177 '62.

Syndrome of deliriumlike phantasies in a prolonged course of reactive states. I. A. Kh. Svirnovskaya. *Probl. obshchest. i sud. psikh.* no. 14:100-108 '63.

Treatment with reserpine of schizophrenia patients with the verbal hallucinosis syndrome. O. P. Vertogradova. *Trudy Gos. nauch.-issl. inst. psikh.* 42:105-110 '65.

HALOGEN ORGANIC COMPOUNDS see Organohalogen compounds

HALOGENS

(see also subdivision under Kazakhstan)

"Positive" character of halogen atoms in C-halobarenes. L. I. Zakhar'kin, L. S. Podvisotskaya. *Izv. AN SSSR. Ser. khim.* no. 8:1464-1468 '65.

HAMBURG—SYNCHROTRON

Surveying in the construction of an electronic synchrotron in Hamburg. *Geod. i kart.* no. 8:46-49 Ag '65.

HAND—DISEASES

Progressive diseases of the auxiliary apparatus of the hand. E. V. Usol'seva. *Ortop., travm. i protet.* 28 no. 8:32-37 Ag '65.

HANDICAPPED CHILDREN

Some data on the development of children born by mothers with toxoplasmosis. M. V. Nikol'seva, S. G. Safina. *Nauch. i med. kaz. gos. med. inst.* 11:501-502 '64.

HANSEN'S DISEASE see Leprosy

HAPPINESS

Categories of happiness in Kant's ethics. V. N. Batin. *Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., filoz.* no. 6:169-182 '65.

HARBORS

(see also subdivision under Amur River, Baltic Sea region)

Consolidate the planning departments, improve the planning. O. Tomas, L. Ruzhichnikii. *Mor. flot* 24 no. 8, 11 Ag '65.

From the practices of the Arbitration Tribunal of the Ministry of the Merchant Marine. *Inform. shor.* TSNIMF no. 110. *Mor. pravo i prav.* no. 2:67-70 '63. Gorkunov, B. F., and A. I. Korshagina. [Mooring and breasting dolphins.] *Prichal'nye i otkolnye pily*, Moskva, Transport, 1965. 96 p.

Mikheev, A. G. [Towing practices in harbors.] *Praktika portovykh buksovok*, Moskva, Transport, 1965. 72 p.

Scientific labor organization in loading and unloading work in ports. E. Korshakov. *Sotn. trud.* 10 no. 8:91-95 '65.

HARBORS—ELECTRIC EQUIPMENT

Shubinski, A. I., and I. N. Kalanov. [Electrician in harbor mechanization.] *Elektromontazh portovoi mekhanizatsii*. Moskva, Transport, 1965. 183 p.

HARBORS—EQUIPMENT AND SUPPLIES

The PNR-600/50 immersion pump. G. Sizov, M. Rabat, V. Usachev. *Rech. transp.* 21 no. 8:25 Ag '65.

HARD FACING

Automatic hard facing of rolling mill rolls. V. M. Pakin, N. I. Fain. *Svar. priolzv.* no. 3:35 Mr '64.

The KJKB-45 hard facing materials. I. I. Iekol'skii, A. E. Gorbunov. *Svar. priolzv.* no. 3:20-22 Mr '64.

HARD FACING—EQUIPMENT AND SUPPLIES

Hard facing head with a tracer carriage. V. K. Koz'yev, A. V. Bystr'ov. *Svar. priolzv.* no. 12:31-33 D '63.

HARDBOARD

Improving the biological resistance of particle boards and fiberboards. M. B. Akhmedovich and others. *Nauch. i med. kaz. gos. med. inst.* 11:501-502 '64.

HARDNESS

Constructing conodes in two-phase volumes of quaternary constitutional diagrams by the microhardness method. A. M. Zakharov. *Izv. vuz. ucheb. zav., tsvet. met.* 8 no. 3:121-126 '65.

Dependence of the microhardness of magnite on the conditions governing its formation. V. I. Stankov. *Geol. i geofiz.* no. 2:32-40 '65.

Device for determining the hardness of plastics by the scratching method. B. M. Gerasimovich, N. V. Chupik, M. A. Predtechenski. *Zav. lab.* 31 no. 8:1017-1019 '65.

Effect of various elements on the electric conductivity, hardness, and temperature of the start of recrystallization of AB000 aluminum. M. V. Zakharov, T. D. Lashovskaya. *Izv. vuz. ucheb. zav., tsvet. met.* 8 no. 3:136-144 '65.

Microhardness of A 111 and B 111 surfaces of gallium antimonide crystals. G. V. Kukundze, M. S. Mirgalovskaya. *Izv. AN SSSR. Neorg. mat.* 1 no. 7:1026-1028 Ji '65.

Relation between hardness and ultimate strength of forged steel pieces and castings. M. A. Kirmanova, P. V. Skitov. *Zav. lab.* 31 no. 8:1009-1010 '65.

HARDNESS—MEASUREMENT

Attachment to a PMT-3 device for the automation of measurements. M. S. Abova, A. A. Averkin. *Zav. lab.* 31 no. 8:1015-1017 '65.

Effect of some factors on the hardness determined by the scratching method. I. U. S. Bolarskaya, D. Z. Grabko. *Zav. lab.* 31 no. 8:1004-1008 '65.

Method for studying plastic deformation by hardness measurement. G. L. Kufarev, G. I. Dol, M. G. Gol'd'shmidt. *Zav. lab.* 31 no. 8:1011-1013 '65.

Methods for determining the microhardness of cementite in hypoeutectic white cast-iron. R. P. Fedorov. *Zav. lab.* 31 no. 8:1002-1004 '65.

Microhardness measurement as a method of material testing; review. V. N. Vigdorovich. *Zav. lab.* 31 no. 8:993-1001 '65.

HARELIP

Importance of the vitamin B₁ balance in operations of a cleft upper lip and palate in children. A. A. Kabalbekov Nauch. trudy Kaz. gos. med. inst. 14 413-414 '61.

HARES—PARASITES see Parasites—Hares

HARMONIC ANALYSIS

Calculation of audio frequency current harmonics in d.c. power transmission lines. A. M. Pintaov Izv. NIPT no. 1:167-179 '57

HARMONIC FUNCTIONS

Deviation in the mean of functions biharmonic in a circle from their boundary values. S. Kaniev, Uch. zap. Kaz. un. 121 no. 6:148-157 '64

Harmonic functions for certain discontinuous Markov processes. S. A. Molchanov Vest. Mosk. un. Ser. I Mat., mekh. 20 no. 3:14-46 My-Je '65

Local deviations of functions biharmonic in a circle from their boundary values. S. Kaniev, Uch. zap. Kaz. un. 124 no. 6:144-147 '64

Solution of the Dirichlet problem for a finite wedge using a special integral transformation in cylindrical functions. I. A. S. Ufand, E. A. Ushkova, Dokl. AN SSSR 164 no. 1:70-72 S '65

Uniqueness theorem for harmonic functions in a half space. I. S. Arshon, M. A. Pak. Mat. sbor. 68 no. 1:148-151 S '65

HARVESTING MACHINERY

(see also subdivision under Russia, Southern)

Harvesting corn grown in irrigated fields. V. Pavlov, N. P. Polygyn. Tekh. v sel'khoz. 25 no. 8 17-18 Ag '65

Mechanized harvesting of buckwheat. I. Elagin, Tekh. v sel'khoz. 25 no. 8 13-17 Ag '65

Mechanized harvesting of mint and sage. I. Rogochil, Tekh. v sel'khoz. 25 no. 8 24-29 Ag '65

Midpurpose sweep rake. V. Sidorenko, Tekh. v sel'khoz. 25 no. 8 45-47 S '65

Operating the ZhK-2, 1A hemp cutter. G. Goncharov, Tekh. v sel'khoz. 25 no. 8 69-71 Ag '65

Set of machines for flax growing. M. Krasavin, Tekh. v sel'khoz. 25 no. 8 9-12 Ag '65

Use of high-speed reapers on the "Kagal'nitski" State Farm. V. Nedovosov, Tekh. v sel'khoz. 25 no. 8 62-63 Ag '65

The ZhRS-1, a harvester with a belt-plank conveyor. N. P. Lebedev, Mashinostroenie no. 5:98-99 S-O '65

HASEK, JAROSLAV, 1893-1923

Antonov, S. I. [Jaroslav Hasek walks across the Volga Valley. Translation from the Czech] Gasek shagat po Povolzh'iu, Kazan', Tatarskoe knizhnoe izd-vo, 1964. 133 p.

(CAOTU) (MII) (NeU)

Shaychuk, V. I. [Jaroslav Hasek; his life and works] Jaroslav Hasek; zhizn i tvorchestvo. Kyiv, Naukova dumka, 1965. 233 p.

HAWTHORN see subdivision under Crimea

HAY—HARVESTING

(see also subdivision under Chernyye Zemli)

Leading hay and straw bales. IU. Kocherygin, Tekh. v sel'khoz. 25 no. 8 90-92 Ag '65

HAY AS FEED

Artificially dried grass meal in mixed feeds for cattle. N. I. Denisov and others, Trudy VIZII 27:181-212 '65

HEAD—SURGERY

Structural and histochemical changes in the central nervous system under the conditions of narcosis and liberation of killed dogs by instant decapitation. A. G. Kavkazidze, Sob. AN Gruz. SSR 39 no. 2 467-470 Ag '65

HEADGEAR

Molding of warm interlining for headgear. I. V. Orlov, A. M. Herasimova, Leh. prom. no. 3:53-58 Ji-S '65

New models of headgear. A. Orekhov, Okhr. truda i sots. strakh. 8 no. 9:28-29 S '65

Studying the properties of shaped porolon interlining for headgear. I. V. Orlov, A. M. Herasimova, Leh. prom. no. 3:10-11 Ji-S '65

HEALTH RESORTS, WATERING PLACES, ETC.

(see also subdivision under Bukovina; Caspian Sea region; Crimea; Kislovodsk; Lipetsk; Naftchik; Tsakli; Astrakhan Province; Truskavets, Ukraine; Tsalski, Georgia; Yevpatoriya, Ukraine)

Bad taste by requisitions. A. Dokuchaev, Okhr. truda i sots. strakh. 8 no. 9:37 S '65

Dobrovolskiy, A. D., and D. S. Zalogin, [Sens of the U. S. S. R.; their nature and utilization] Moria SSSR; priroda, khoziaistvo, Moskva, Mysl', 1966. 350 p.

Effect of compound treatment at health resorts on some functions of the connective tissue system in patients with rheumatic fever in the intraparoxymental period. N. A. Kivertsava Vop. kur., fizioter. i lech. fiz. kul't. 39 no. 1:328-332 Ji-Ag '65

Let's build sanatoriums speedily and solidly! M. Popov, Okhr. truda i sots. strakh. 8 no. 9 1-6 S '65

Seasons, traveling passes and sanatoriums. L. Gol'dfall' Okhr. truda i sots. strakh. 8 no. 9 30-31 S '65

Wasted passes. S. Slutskii, Sov. profsoyuz. 21 no. 17: 31-32 S '65

HEARING

Characteristics of the auditory sensitivity under conditions of continuous and prolonged action of noise of medium intensity on man. IU. V. Krylov, Probl. kosm. biol. 4 102-106 '65

Variability of monopolar primary evoked potentials recorded from the surface of the auditory zone of the cerebral cortex in cats under anesthesia. O. F. Domb-novets'kiy, Fiziol. zhur. [Ukr.] 10 no. 3 300-302 My-Je '64

HEARING AIDS

Radio receiver and hearing aid combination. B. Starchenko, Radio no. 7:28 Ji '65

HEART

Asymmetry of tonic effects of the vagus nerves on the heart. I. A. Scridchenko, Fiziol. zhur. 50 no. 12 1150-1157 D '64

Effect of small-rate Coriolis acceleration on the functional state of the human heart. R. A. Vartanov, Probl. kosm. biol. 4 343-348 '65

Korneva, E. A. [Evolution of the reflex regulation of cardiac activity] Evoliutsia refleksnogo regulirovaniya serdtshechno delatel'nosti. [Leningrad] Meditsina, 1965. 243 p.

Reflex effect of the heart in rabbits following the section of cervical sympathetic nerves. M. L. Linetskiy, Fiziol. zhur. 51 no. 9:1068-1069 S '65

HEART—ABNORMALITIES AND DEFORMITIES

Significance of vectorcardiography in the evaluation of ventricular hypertrophy in patients with a defect of the interventricular septum. A. T. Beliaeva, A. A. Namazova, Sov. med. 28 no. 9 10-17 S '65

HEART—CANCER

Malignant hemangioendothelioma of the heart with metastases in the lungs, a single observation. V. L. Kovalenko, D. N. Melodykh. Vop. onk. 11 no. 9 90-91 '65

HEART—DISEASES

Case of combined alkaptonuria and cardiac pathology. L. S. Teodosiev, Sov. med. 28 no. 8 135-136 Ag '65

Clinical phonocardiographic and morphologic indices of heart lesions in systemic lupus erythematosus. V. S. Agranenko, Sov. med. 28 no. 9 25-31 S '65

Contractile function of the myocardium in experimental myocarditis. S. B. Barinlan, Bul. eksp. biol. i med. 60 no. 8:229-32 Ag '65

Dynamics of alveolar respiration under the influence of hormone therapy in patients with lung and heart diseases. B. Sh. Abdurakhmanova, D. A. Valimukhametova, Nauch. trudy Kaz. gos. med. inst. 11:333-334 '64

Pathological formation of personality in patients with congenital vitium cordis. V. V. Kovalev, Probl. obshchest. i sud. psikh. no. 14 60-69 '63

Phosphoglucose isomerase activity in the subcellular fractions of the heart muscle in adrenalin myocarditis. M. A. Protsenko, Ukr. biokhim. zhur. 37 no. 4: 565-573 '65

Problems in the histochemistry and physiology of defects of the heart. N. P. Medvedev and others. Nauch. trudy Kaz. gos. med. inst. 11:479-481 '64

Problems in the histochemistry and physiology of defects of the heart. N. P. Medvedev and others. Nauch. trudy Kaz. gos. med. inst. 11:479-481 '64

Problems in the histochemistry and physiology of defects of the heart. N. P. Medvedev and others. Nauch. trudy Kaz. gos. med. inst. 11:479-481 '64

HEART—HYPERTROPHY AND DILATATION

Significance of vectorcardiography in the evaluation of ventricular hypertrophy in patients with a defect of the interventricular septum. A. T. Beliaeva, A. A. Namazova, Sov. med. 28 no. 9 10-17 S '65

HEART—INFARCTION

Content of total 17-hydroxycorticosteroids in the urine during the acute period of myocardial infarct. V. I. Kushakov, Trudy TSU 77:40-43 '65

Etiater therapy in angina pectoris and myocardial infarct. B. R. Rubanovskii, Sov. med. 28 no. 9: 17-21 S '65

Pulmonary circulation in the acute period of myocardial infarct in dogs with an intact thorax. A. P. Nauchnerel, Bul. eksp. biol. i med. 60 no. 8:21-24 Ag '65

Some functional and morphological changes in experimental disorders of the coronary circulation. M. I. Hurevych, IU. S. Kozachuk, M. M. Povzhytkov, Fiziol. zhur. [Ukr.] 10 no. 3:342-350 My-Je '64

Vinogradov, A. V. [Acute circulatory insufficiency in myocardial infarct] Ostroia nedostatochnost' krovoobrascheniya pri infarkte miokarda. [Leningrad] Meditsina, 1965. 188 p.

(DNL)

HEART—INNERVATION

Effect of ultraviolet rays on the parasympathetic innervation of the heart. A. G. Ibragimova, Nauch. trudy Kaz. gos. med. inst. 14:185-186 '64

Functional state of parasympathetic innervation of the heart in a adapted animals. L. V. Lukhvatilina, Nauch. trudy Kaz. gos. med. inst. 11 301-302 '64

State of the sympathetic innervation of the heart in patients with asthmas. P. N. Bulatov, Nauch. trudy Kaz. gos. med. inst. 14:123-124 '61

HEART—MUSCLE

Changes in contractile and sarcoplasmic protein in a traumatically injured myocardium. L. M. Alekseeva, Dokl. AN SSSR 161 no. 3 716-719 S '65

Contractile function of the myocardium in experimental myocarditis. S. B. Barinlan, Bul. eksp. biol. i med. 60 no. 8 29-32 Ag '65

Effect of heart stimulants on metabolism in the myocardium (glycogen, glycolysis enzyme activity). K. I. Rubchyn'ska, Ukr. biokhim. zhur. 37 no. 4 553-557 '65

Oxygen tension in the myocardium during respiration under excessive pressure. V. G. Voloshin, Fiziol. i eksp. terap. 9 no. 3:8-11 My-Je '65

Prevention of myocardial lesions by means of pharmacological substances. V. V. Zakusov, Vest. AN SSSR 20 no. 6:52-57 '65

HEART—RUPTURE

Mechanism of closed cardiac ruptures with an uninjured thoracic skeleton. A. A. Lukash, Sud.-med. eksp. 8 no. 3 52-54 Ji-S '63

HEART—SOUNDS

Clinical phonocardiographic and morphologic indices of heart lesions in systemic lupus erythematosus. V. S. Agranenko, Sov. med. 28 no. 9 25-31 S '65

Electrocardiography with simultaneous vectorcardiography. R. Z. Amirov, Fiziol. zhur. 50 no. 12 1500-1506 D '64

HEART—SURGERY

Dynamics of the titers of antistreptolysin-O and C-reactive protein following commissurotomy. N. V. Sturkova, Nauch. trudy Kaz. gos. med. inst. 14 553-554 '61

Use of hydrocortisone in operations on the heart. Zh. Kh. Vasiliev, V. I. Volkov, Nauch. trudy Kaz. gos. med. inst. 14 387-388 '64

HEARTBEAT

Phase analysis of the heart systole in children with rheumatism as related to the degree of the disturbance of blood circulation. I. I. Revina, Sob. AN Gruz. SSR 39 no. 2 487-489 Ag '65

HEAT—CONDUCTION

Determining the coefficient of heat conduction of highly effective low-temperature insulating materials with the method of a flat bicolorimeter. A. G. Shifelin, Trudy VNIIMASH no. 10 115-121 '65

Heat conduction of liquid Freons of the methane and ethane series. O. B. Tsvetkov, Khim. tekhn. 12 no. 4 28-31 Ji-Ag '65

Solving problems of anisotropic heat conduction with type EI-12 electric integrators under second order boundary conditions. N. M. Tulin and others. Izv. vuz. ucheb. zav. Chern. met. 8 no. 10 153-157 '65

Some heat conduction methods related to a Bosac type operator. S. Karymankov, Vop. vych. mat. i tekhn. 3 17-20 '64

Some heat conduction methods related to a Bosac type operator. S. Karymankov, Vop. vych. mat. i tekhn. 3 17-20 '64

Some heat conduction methods related to a Bosac type operator. S. Karymankov, Vop. vych. mat. i tekhn. 3 17-20 '64

HEAT—CONVECTION

Investigation of the convection heat exchange in chain curtains. A. F. Meshik, Trudy NIITsement no. 18 3-9 '63

HEAT—PHYSIOLOGICAL EFFECT

Effect of heat tests on the oximetric indices in the intraparoxymental period of epilepsy. M. V. Sivanova, Zhur. nevro. i psikh. 65 no. 9 1361-1364 '65

Effect of subphlogogenic thermal effects on the development of subsequent inflammation of the cochlea in turtles in rabbits. V. M. Shuk'ko, Pat. fiziol. i eksp. terap. 9 no. 3:10-51 My-Je '65

Heat resistance of aldolase in the muscles and muscle extracts of a grass frog. I. I. Makhlin, TSbiologiya 7 no. 4:578-582 Ji-Ag '65

HEAT—RADIATION AND ABSORPTION

Albedo of the earth-atmosphere system and the field of outgoing short-wave radiation. K. I. A. Vinnikov, Trudy GGO no. 170:2-7-213 '65

Optimum dispersion of soot particles in the flame. L. N. Ryzhkov, V. A. Krivandin, Izv. vuz. ucheb. zav. Chern. met. 8 no. 9:201-205 '65

Possibility of detecting cloudiness on the dark side of the earth according to data of measurements of outgoing heat radiation in the "transparency window" of the atmosphere. K. I. A. Kondrat'ev, N. I. Ter-Markarants, Trudy GGO no. 170:71-87 '65

HEAT—THERAPEUTIC USE

Effectiveness of the therapeutic use of diathermy, paraffin and hot water bottle in chronic hepatitis. I. A. N. P. Idurov, Vop. kur., fizioter. i lech. fiz. kul't. 30 no. 4:318-321 Ji-Ag '65

HELIO-TROPE (BOTANY)—TOXICOLOGY

Hepatic lesions in heliotrope toxicosis. B. M. Dragomir, I. A. Bobolud. *Sov. med.* 28 no. 4 57-60 S '65.

HELIUM

Theoretical foundation of the microatmosphere in planetary spacecraft cabins and possibilities for using helium-oxygen mixtures for this purpose. B. M. Savin. *Probl. kosm. biol.* 4 188-195 '65.

HELIUM—INDUSTRIAL APPLICATIONS

Helium method of prospecting for the deposits of radioactive elements. A. G. Grammatikov, V. S. Glebovskii, I. M. Khaikovich. *Vopr. rad. geofiz.* no. 5 3-10 '65.

HELIUM—THERMAL PROPERTIES

Heat conductivity of helium at a temperature of 0°–1000°K and a pressure of 1–200 atm. N. B. Vargafik, N. Kh. Zakhina. *Atom. energ.* 19 no. 3 300-303 S '65.

HEMATOLOGY

Effect of photoreactive conditions on the hematological indices in swine. A. I. Klokova. *Izv. SO AN SSSR* no. 8. *Ser. biol.-med. nauk* no. 2 105-110 '65.

HEMOGLOBIN

Cases of family hemoglobinopathy among Grogians and Azerbaijanis living in the Georgian SSR. I. G. Mestashvili. *Sob. AN Gruz. SSR* 39 no. 2 313-320 Ag '65.

Hemoglobin synthesis in anemia. I. I. Iar'ykova. *Trudy TSU* 77.35-39 '65.

HEMOLYSIS AND HEMOLYSINS

Effect of toxicosis on the resistance of erythrocytes to hemolysis. M. M. Snyk. *Fiziol. zhur.* [Ukr.] 10 no. 3:367-370 My-Je '61.

Experimental effect of anticarcinogenic substances on the formation of hemolysis. V. A. Lashenko, L. P. Kolesnikova. *Antibiotiki* 10 no. 9:808-816 S '65.

Methodology for performing the provocation test for intravascular hemolysis. A. A. Krylov. *Lab. delo* no. 9:533 '65.

HEMOPOIESIS

Changes in hemopoiesis in anaphylaxis. T. P. Somova. *Pat. fiziol. i eksp. terap.* 9 no. 1 82-85 J1-Ag '65.

Changes in the hemopoiesis of the bone marrow in rabbit donors. E. I. Ivanova. *Biul. eksp. biol. i med.* 60 no. 4:4-6 Ag '65.

Changes in the peripheral blood and medullary hemopoiesis in positive and negative neointegration. L. V. Serova. *Vopr. khim. i fiziol. i lek. fiz. kul't.* 30 no. 4:294-297 J1-Ag '65.

Cytological analysis of high-energy proton action. Report No. 6. Comparative characteristics of the effect of protons 560 Mev. and $Co^{60}\gamma$ -rays on hemopoiesis. V. L. Ponomareva. *Radiofizika* 5 no. 4:514-518 '65.

Effect of cortisone on hemopoiesis under conditions prevailing in high mountains. T. G. Chernova, O. I. Andreeva. *Pat. fiziol. i eksp. terap.* 9 no. 3:58 My-Je '65.

Effect of intestine screening on the restoration of hemopoiesis in irradiated mice. M. I. Anushevskaia. *Dokl. AN SSSR* 163 no. 2 445-447 S '65.

Morphological changes in the hemopoietic organs of mice following irradiation with high-energy protons. N. A. Gaidarukin and others. *Probl. kosm. biol.* 4:430-436 '65.

HEMORRHAGE

Alkaline reserve in the blood following intravenous introduction of sodium lactate solution into dogs after acute extensive hemorrhage. E. S. El'mshayev. *Fiziol. zhur.* [Ukr.] 10 no. 3:396-399 My-Je '61.

Average blood loss during the placental and early postnatal periods of labor and the factors influencing it. R. G. Bakieva, O. A. Korotkova, T. A. Mironova. *Nauch. trudy Kaz. gos. med. inst.* 14:363-365 '64.

Indications and contraindications for surgery in chronic suppurative processes in the lungs complicated by hemorrhage. A. V. Gilgorian, L. M. Nedvetskaya. *Sov. med.* 28 no. 9:89-94 S '65.

Role of the nervous mechanisms in the development of hypercoagulation following an acute blood loss. D. M. Zubairov. *Nauch. trudy Kaz. gos. med. inst.* 14 161-163 '64.

HEMORRHAGE, UTERINE

Hemorrhages in the placental and early puerperal period following late toxemia of pregnancy. N. N. Savitskii. *Sov. med.* 28 no. 9:76-80 S '65.

HEMORRHAGIC SEPTICEMIA see subdivision under Kazalinsky District

HEMORRHOIDS

Results of surgical treatment of hemorrhoids. V. F. Smirnov. *Sov. med.* 28 no. 9:91-94 Ag '65.

HEMP—HARVESTING

Operating the ZhK-2, 1A hemp cutter. G. Goncharov. *Tekhn. i sel'khoz.* 25 no. 8:69-71 Ag '65.

HEMP PROCESSING MACHINERY—MAINTENANCE AND REPAIR

Improved method for sharpening the edges of hammer knives on the ShPO-2 machine of the breaker-scutcher unit. L. T. Botysenko. *Lch. prom.* no. 3 58 J1-S '65.

HEPARIN

Detoxifying effect of propyl gallate, heparin and hydrocortisone on the venom of *Vipera lebetina*. F. P. Talyzin and others. *Trudy Un. druzh. nar.* 7 Vop. med. no. 1 131-139 '61.

Prothrombin index and heparin time in diseases of the liver. F. T. Kravchenkov. *Nauch. trudy Kaz. gos. med. inst.* 14 457-459 '64.

HEPATIC VEINS—DISEASES

Some data on the clinical and morphological aspects of Child's disease. N. I. Semenovskii and others. *Sov. med.* 28 no. 8 26-31 Ag '65.

HEPATITIS, INFECTIOUS

Ammonia content in the blood in epidemic hepatitis. G. N. Savitskaya. *Nauch. trudy Kaz. gos. med. inst.* 14:557-560 '64.

Balance of ascorbic acid in Botkin's disease. L. L. Gel'fand. *Nauch. trudy Kaz. gos. med. inst.* 11:407-408 '64.

Characteristics of the oxidation-reduction processes and the respiratory function of the body in epidemic hepatitis treated with prednisolone. D. Sh. Isajeva. *Sov. med.* 28 no. 9 46-52 S '65.

Late results of Botkin's disease following corticosteroid therapy. G. A. Shalko, F. A. Pakkila, T. I. Gorbunova. *Sov. med.* 28 no. 8 106-111 Ag '65.

Motor function of the gallbladder in acute Botkin's disease. V. A. Utekhin. *Trudy I-go MMI* 39:81-93 '65.

Ultrahigh-frequency therapy in the compound treatment of Botkin's disease. B. N. Polonskaya. *Vopr. khim. i fiziol. i lek. fiz. kul't.* 30 no. 4:316-318 J1-Ag '65.

Value of the heterochemagglutination reaction in Botkin's disease. A. V. Belousov, T. S. Isakova. *Lab. delo* no. 9:551-553 '65.

HEPATITIS, INFECTIOUS—COMPLICATIONS AND SEQUELAE

Motor function of the gallbladder in late sequelae of Botkin's disease. V. A. Utekhin. *Trudy I-go MMI* 39:94-102 '65.

HEPTENE

Reaction of chloroform with 1-heptene initiated by iron pentacarbonyl in conjunction with amines. G. TS. Chukovskaya, A. A. Kanyshova, R. Kh. Freidlin. *Dokl. AN SSSR* 164 no. 3:602-605 S '65.

HERBARIA

Frunze, Kirgizskii sel'skokhoziaistvennyi institut, *Kirgizskii botaniki i fiziologii institut*. [Manual on the collection of herbaria and the description of plants for students of the agronomy, zoology, and veterinary faculties] Posobie po sboru gerbaria i opisaniu rastenii dlia studentov agronomicheskogo, zoologicheskogo i veterinarnogo fakul'tetov. Frunze, 1964, 14 p. [DIAL MICROFILM]

HERBICIDES

(see also subdivision under Azerbaijan)

Behavior in plants of phenylmethylurea derivatives used as herbicides. L. T. Makeeva-Gur'manova, D. I. Chikanikov. *Agr. khim.* no. 9:103-109 S '65.

Chemical weed control in sugar beet fields. G. M. Tskherman. *Vest. sel'khoz. nauk* [Kazakh]. 8 no. 8 117-121 Ag '65.

Combine cultivation practices with the use herbicides. I. N. Bolotov and others. *Zemledelie* 27 no. 5:53-59 Je '65.

Production of α, β -trichloropropionitrile and α, α, β -trichloropropionic acid. I. G. Khaskin, Z. A. Vasileva. *Khim. prom.* 41 no. 8:577-578 Ag '65.

HERBICIDES—TESTING

Testing herbicides for the extermination of dodder in sugar beet fields. P. N. Glazkov. *Vest. sel'khoz. nauk* [Kazakh]. 8 no. 8 43-47 Ag '65.

HERBS

Lyra, Iurii. [Medicine under our feet; about medication by plants] Ljby pid nohamy; pro likuvannia roslinamy. 3. nezm. vyd. New York, Howerlin, 1962, 109 p. (U)

HEREDITY

Hereditary molecules. N. K. Kol'tsov. *Biul. MOIP, Old. biol.* 70 no. 4:175-184 J1-Ag '65.

Mutations and heredity. I. L. Knudants, N. A. Loshadkin. *Priroda* 34 no. 8:2-12 S '65.

Slakan, G. A., and A. A. Soskin. [Heritability of economically useful indices in fine-wool sheep] Nasledstvo most' khoziaistvenno poleznykh priznakov u tonkorunnykh ovets. Otv. red. Z. S. Nikoro. Novosibirsk, Redaktsionno-izdatel'skii otdel Sibirskogo otd-nila AN SSSR, 1965, 168 p. (DIAL)

HERONS see subdivision under Turkmenistan

HERPES

Gambian globulin in herpetic lesions of the eye. N. I. Malanova. *Sbor. nauch. trud. SO GMI* no. 11 100-102 '63.

HERPES ZOSTER

Current state of the problem of the etiology and pathogenesis of herpes zoster. L. V. Malova. *Sov. med.* 28 no. 9 127-130 S '65.

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870

Hertzen, A. I. [Collected works in thirty volumes] So-braniye sochinenii v tridsati tomakh. Moskva, Nauka Vol. 30. [Letters, 1869-1870. Supplements to the edition] Pis'ma 1869-1870 godov. Popolneniia k izdaniu. Book 2, 1965 483-1014 p.

HETEROCYCLIC COMPOUNDS

Basicity of furan, thiophene, and selenophene analogs of chalcone. S. V. Tsukerman and others. *Dokl. AN SSSR* 161 no. 2:351-356 S '65.

Heterochain polycyclics. Report 56. Fluorine-containing polyarylates. V. V. Kosshak, S. V. Vinogradova, V. A. Pankratov. *Izv. AN SSSR, Ser. khim.* no. 9 1616-1651 '65.

HETEROSIS

Significance of the effect of heterosis in preserving the varietal characteristics in plants. T. S. Jandeeva, S. I. Nurbat. *Vest. IGU* 20 no. 3:128-137 '65.

HEXAMETHYLENIMINE

Use of hexamethylenimine in the production of soda. Part 1. V. K. Startsev, I. N. Shokin. *Trudy MKNTI* no. 47:95-99 '61.

Use of hexamethylenimine in the production of soda. Part 2. V. K. Startsev, I. N. Shokin. *Trudy MKNTI* no. 47:99-102 '61.

HEXANAMIDE

Electron microscope study of the orientation of polycapromulins. S. N. Zhurkov and others. *Vysokom. soed.* 1 no. 6 1011-1011 Je '65.

HEXANEDIAMINE

Phase and volume correlations in the system adiponitrile-hexamethylenediamine-ammonia. G. D. Efremov, R. O. Plamkova. *Zhur. fiz. khim.* 39 no. 8 1936-1943 Ag '65.

HEXONIUM—THERAPEUTIC USE

Some results of the use of hexonium in insulin therapy of schizophrenia with prolonged course. B. M. Katsenok, V. I. Polupan. *Zhur. nevroi. i psikh.* 65 no. 2 288-290 '65.

HIDES AND SKINS

Standards can be improved. Sh. Khaikov. *Sov. poitch. koop.* 0 no. 9:91 S '65.

HIGH PRESSURE RESEARCH

Change in the strength of some substances in the region of polymorphous transitions under pressure. L. D. Lyubshits and others. *Dokl. AN SSSR* 164 no. 4:541-544 S '65.

Effect of hydrostatic pressure on the Curie point of the ferromagnetic compound EuO. G. K. Sokolova and others. *Zhur. eksp. i teor. fiz.* 49 no. 2:452-455 Ag '65.

Fusion at ultrahigh pressures arising in a shock wave. V. D. Urin. *Zhur. eksp. i teor. fiz.* 49 no. 2:445-492 Ag '65.

Phase diagram for tellurium. S. M. Slushov, N. A. Tikhonova. *Zhur. eksp. i teor. fiz.* 49 no. 2:616-620 Ag '65.

HIGH-SPEED RADIOGRAPHY see Radiography, High-speed

HIGH TEMPERATURE MATERIALS see Materials at high temperatures

HIGHER EDUCATION see Education, Higher

HIGHWAY RESEARCH

Design and aesthetics in road construction. S. Treskin-skii. *Tekhn. est.* 2 no. 8:20-23 Ag '65.

Efficient design of automobile roads. V. Babkov, G. Nikolayevskii. *Tekhn. est.* 2 no. 8:21-25 Ag '65.

HIGHWAY TRANSPORT WORKERS

(see also subdivision under Chokbary)

Outstanding workers. *Avi. transp.* 43 no. 8:6 Ag '65.

Training specialists. *Avi. transp.* 43 no. 8:45-48 S '65.

HILBERT SPACE

Combination of some variational methods in a Hilbert modulus over a series of vector spaces. S. N. Slugin, V. M. Shashkov. *Uch. zap. Kaz. un.* 124 no. 6:204-202 '64.

Limit theorem in a Hilbert space. N. P. Kandolaki. *Trudy Vysh. tsentr. AN Gruz. SSR* 3:46-55 '65.

- HILBERT SPACE (Continued)**
Parametric resonance of elastic systems with distributed parameters V. N. Fomin, Dokl. AN SSSR 164 no. 1 58-61 S '65
Stochastic differential equations in Hilbert space, T. L. Chantladze, Trudy Vych tsentr AN Gruz. SSR 5:106-124 '65
Sufficient conditions for the differentiability of measures corresponding to Markov processes with values from Hilbert space T. L. Chantladze, Trudy Vych tsentr, AN Gruz SSR 5:125-130 '65
Transformation of Gaussian measures in nonlinear mappings in Hilbert space, V. V. Baklan, A. D. Shatashvili, Dop. AN URSSR no. 9 1115-1117 '65.
- HIP JOINT—DISEASES**
Surgical tactics in bilateral diseases of the hip joint in adults, A. A. Rumiantseva, Ortop., travm. i protez, 26 no. 8 38-43 Ag '65.
- HIP JOINT—SURGERY**
Surgical tactics in bilateral diseases of the hip joint in adults A. A. Rumiantseva, Ortop., travm. i protez, 26 no. 8 38-43 Ag '65.
- HISTAMINE**
Effect of 1 centimeter and 1 meter electromagnetic waves on the content of biologically active substances in human blood, IE. Revuts'kiy, F. M. Eidel'man, Fiziol zhuk [Ukr.] 10 no. 3 378-383 My-Je '64.
Histamine and its inactivating systems in acute craniocerebral trauma, I. L. Vaisfel'd, N. I. Grashchenkov, G. N. Kassila', Dokl. AN SSSR 164 no. 2 462-465 S '65.
- HISTOCHEMISTRY**
Morphological and some histochemical changes in the transversely striated muscles in various forms of denervation V. B. Potapova, Biol eksp. biol. i med, 60 no. 8 115-118 Ag '65.
Summary of microbiological and cytochemical studies on "Vostok" spaceships, N. N. Zhukov-Verezhnikov and others, Probl. kosm. biol, 4 261-268 '65.
- HISTOLOGY—TECHNIQUE**
New method of histological study of the hard and soft tissues of the same tooth by the use of serial ground and plain sections, L. M. Demner, Nauch. trudy Kaz. gos. med. inst, 14 157-158 '64.
- HISTOLOGY, PATHOLOGICAL**
Experimental study of immunological and morphological changes under the effect of reserpine, V. I. Kuznetsova, V. V. Kvirkadze, Trudy Gos. nauch.-issl. inst. psikh 42:150-151 '65.
Histological and histochemical changes in the adrenal glands in acute alcohol intoxication, V. I. Alalevich, Sud.-med. eksp, 8 no. 3 11-15 Ji-S '65.
Mechanism of the action of reserpine: data obtained in pathomorphological studies, V. F. Matveev, Trudy Gos. nauch.-issl. inst. psikh, 42:182-184 '65.
Use of colpomicroscopy for early diagnosis of cancer of the cervix uteri V. S. Vladimirova, Vop. onk, 11 no. 9 8-12 '65.
- HISTORICAL FICTION**
Feeling of history, K. Paustovskii, Vop. lit, 9 no. 9: 54-58 S '65.
Journeys into the past, V. Ian, Vop. lit, 9 no. 9: 99-118 S '65.
Literature and history, Vop. lit, 9 no. 9: 16-50 S '65.
Muses, heroes, time: remarks of a critic, M. Korall, Vop. lit, 9 no. 9: 75-98 S '65.
Necessity and the limits of imagination, A. Gladkov, Vop. lit, 9 no. 9: 82-70 S '65.
Tasks of the novel, S. Zlobin, Vop. lit, 9 no. 9: 50-54 S '65.
To write only the truth, G. Sevunts, Vop. lit, 9 no. 9: 72-74 S '65.
Truth of reality, V. N. Ivanov, Vop. lit, 9 no. 9: 70-72 S '65.
- HISTORICAL FICTION, LITHUANIAN**
On the road of the revolution, A. Gudaitis-Guzevičius, Vop. lit, 9 no. 9: 58-61 S '65.
- HISTORICAL MATERIALISM**
Chesnokov, D. I. [Historical materialism] Istoricheskiy materializm. Izd. 2., dorabotannoe, Moskva, Mysl', 1965, 527 p.
Historical materialism and the individual sciences, L. I. Grekov, Vop. filos, 19 no. 9: 168-171 '65.
- HISTORICAL MUSEUMS** see subdivision under Kiev
- HISTORICAL RESEARCH**
(see also subdivision under Azerbaijan; Kazakhstan)
Criticism of de Coudreaux' method of historical research, G. K. Sadretdinov, Trudy TGU 173:174-210 '64
Objectivity and party character in historical research, B. G. Mogil'nikskii, Trudy TGU 173:3-34 '64
- HISTORIOGRAPHY**
Evaluation of the opinions of the representatives of contemporary Anglo-American historiography on social progress I. I. Sharifzhanov, Trudy TGU 173:48-72 '64
Lenin and historical science, N. M. Fiolkin, Nov. i noveish. ist, no. 5 188 '65
Pestchik, S. L. [Russian historiography of the 18th century] Russkaya istoriografiya XVIII veka. [Leningrad] Izd-vo Leningr. univ, Pt. 2 1965 342 p
- HISTORY—BIBLIOGRAPHY** see Bibliography—History
- HISTORY—METHODOLOGY**
Lenin and the notion of an "epoch" in world history, E. M. Zhukov, Nov. i noveish. ist, no. 5:3-9 '65.
- HISTORY—PHILOSOPHY**
The problem of actuality in historical cognition P. N. Khmylev, Trudy TGU 173:35-47 '64
- HISTORY—STUDY AND TEACHING**
Atheistic training in history classes, A. N. Alekseev, Nach. shkola 33 no. 7:44-47 Ji '65.
Conference on theory and practice of history and social science teachers P. S. Fedorenko, Rad. shk 11 no. 9 106-108 S '65.
- HISTORY AND LITERATURE** see Literature and history
- IL'BOV, LEONID IVANOVYCH, 1827-1893**
Hur'ev, B. M. [Leonid Il'bov; a literary portrait] Leonid Il'bov; literaturnyi portret. Kyiv, Dnipro, 1965, 99 p
- HOCHHUTH, ROLF, 1931-**
Rolf Hochhuth's manifesto, R. Fedorov, Mirovaia mezhdunar. otzn, no. 10:120-123 '65.
- HODGKIN'S DISEASE**
X-ray observations on the dynamics of changes in pulmonary lymphogranulomatosis during chemotherapy, L. M. Portnoi, L. A. Orlovskaya, Vop. onk, 11 no. 1: 82-88 '65.
- HOISTING MACHINERY**
Influence of rock lumpiness on the volume of loading and of mine hoisting V. V. Kochetov, Trudy TSNIPodzemshakhtostroia no. 3 22-30 '64.
Reducing pipeline hoist stresses, Kh. F. Sultanmuratov, K. E. Roshechepkin, E. M. Iasin, Tr. nauch. i khim. naft. i nefteprod, no. 8:5-9 '65.
Stollarchuk, V. F. [Dynamics of vertical hoisting] Dinamika vertikal'nogo pod'bema. [L'vov] Izd-vo L'vovskogo univ., 1965, 150 p.
Studies of the process of assembling heavy equipment Z. B. Khmura, Mont i spets. rab. v shoi, 27 no. 5:9-12 My '65.
- HOISTING MACHINERY—BRAKES**
Efficient lowering of the drilling tool in the simultaneous operation of power and hydraulic brakes of draw works, G. M. Shakhmaliev, I. A. Gruzinov, R. N. Kogan, Sbor. nauch.-tekhn. inform. Averb. inst. nauch.-tekhn. inform. Ser. Neft. prom, no. 4:15-32 '65.
Results of field tests of the performance of brake pulleys of draw works, S. G. Babayev, V. A. Sedov, M. IU. Ankerov, Mash. i neft. obr. no. 8:12-16 '66.
- HOISTING MACHINERY—PNEUMATIC DRIVING**
Possibility of using a pneumatic piston hoist, V. I. Kiselev, M. D. Bogaty'ev, Izv. vuz. uchob. zav., geol. i razv. 8 no. 9:146-150 S '65.
- HOISTING MACHINERY—TESTING**
The BPS-5, 5 unit, S. I. Ryderovskii, R. O. Stupel', Trudy TSNIPodzemshakhtostroia no. 3:12-22 '64.
- HOLIDAYS**
Consolidate the best collective farms traditions, P. Petrenko, Part. zhizn' no. 20:67-88 O '65.
- HOLLAND** see Netherlands
- HOLLOW TILES**
What delays the adoption of the manufacture of cast finishing tiles, B. N. Chernetenko, M. E. Kats, Stroitel. i no. 5:3 My '65.
- HOLMIUM—PHOTOELECTRIC PROPERTIES**
Galvanomagnetic properties of holmium, N. A. Babushkina, Fiz. tver. tela 7 no. 8:2540-2541 Ag '65.
- HOLMIUM—SPECTRA**
Induced radiation of Ho³⁺ in CaF₂ at the wavelength $\lambda = 5512 \text{ \AA}$, I. K. Voronko and others, Pis'ma v red. Zhur. eksper. i teor. fiz, 1 no. 1:5-8 Ap '65.
- HOLMIUM—THERMAL PROPERTIES**
Thermal conductivity of holmium and erbium between 2° and 100 K, N. G. Iliev, N. V. Volkonshtein, Fiz. tver. tela 7 no. 8:2560-2562 Ag '65.
- HOME AND SCHOOL**
Do you visit your students' families? O. Il'manova, Nach. shkola 33 no. 7:71 Ji '65.
How I work with parents, S. M. Tikhonova, Nach. shkola 33 no. 7:72-74 Ji '65.
How to organize homework, L. I. Konnova, Nach. shkola 33 no. 7:74-75 Ji '65.
Parents as the patrons of the Children of October, L. Sosnovik, Nach. shkola 33 no. 9:75-77 S '65.
Parents' meetings of individual classes, A. G. Samonova, Nach. shkola 33 no. 7:73-74 Ji '65.
University for parents, S. I. Shandeva, Nach. shkola 33 no. 7:75-76 Ji '65.
Work of a parents' committee, N. I. Ostrikova, Nach. shkola 33 no. 7:76-77 Ji '65.
Working with parents in a small school, I. A. Onopova, Nach. shkola 33 no. 7:77-78 Ji '65.
Working with the parents of six-year-old children and their grandmothers, V. N. Zavidskaya, Nach. shkola 33 no. 7:70-71 Ji '65.
- HOME ECONOMICS**
[Useful advice] Poleznye sovety. [Moskva] Tekhnika Industrii, 1965, 170 p.
- HOMEOPATHY**
Kogan, D. A. [Homeopathy and modern medicine] Gomeopatiya i sovremennaya meditsina. Moskva, Meditsina, 1964, 216 p.
- HOMOLOGY THEORY**
Local homology groups of various kinds and their mutual relationships, I. R. Rukhadze, Sborn. AN Gruz. SSR 39 no. 2 261-268 Ag '65.
Some problems in the homological theory of polynomial ideals and its applications, I. Z. Rozentknap, Trudy Moskv. mat. ob-va 11:247-323 '65.
- HONING**
Attachments for honing gear teeth, V. I. Korzhakin, A. R. Sykhidov, IU. P. Taramykin, Stroi. i mash. 30 no. 8 9-12 Ag '65.
Diamond honing of parts made of hardened steel, I. L. Chepovetskii, P. V. Nefedovich, I. A. Gashchuk, Mash. i neft. obr. no. 5 21-30 S-O '65.
Honin aluminum alloys, chromium platings and cast irons with synthetic diamond bars, A. A. Artyukhova and others, Mashinostroenie no. 5 10-20 S-O '65.
Honin with synthetic diamonds, Sh. Leytinskii, N. Vasil'evykh, Avi. transp. 13 no. 8:22-24 Ag '65.
- HOOFES**
Cutters for the trimming of hoofs, N. P. Koluchov, Veterinaria 42 no. 7:107 Ji '65.
- HOOKS**
Automatic hook designed at the Moscow Institute of Railroad Engineers, I. I. Ridel', V. A. Sviridov, V. A. Shchepetil'nikov, Mekh. i avtom. prikl. 19 no. 8:1 Ag '65.
- HORIZON, DIP OF** see subdivision under Arctic regions
- HORMONE THERAPY**
Dynamics of alveolar respiration under the influence of hormone therapy in patients with lung and heart diseases, R. Sh. Abdurakhmanova, D. A. Val'mukhametova, and others, Trudy Kaz. gos. med. inst, 14 333-334 '64.
Further study of hormonal "forcepts" in practice, R. N. Krupina, A. M. Solov'eva, Z. N. Akubova, Nauch. trudy Kaz. gos. med. inst, 11:401-402 '64.
Hormonal treatment of neuritis of the facial nerve, I. A. Sychev, Zhur. nevro. i psikh. 65 no. 9:1351-1359 '65.
- HORMONE THERAPY—COMPLICATIONS AND SEQUELAE**
Side effects of hormone therapy in patients with infectious nonspecific polyarthritides, data of the municipal hospital L. L. Gilede, Sov. med, 28 no. 8 102-108 Ag '65.
- HORMONES**
Effect of surgical castration and hormone therapy on urinary 17-keto steroids in patients with prostate cancer, L. A. Tsoretseli, Sborn. AN Gruz. SSR 39 no. 2:479-485 My '65.
Fundamental problems of the chemistry of protein hormones, M. I. Piekhan, Sov. vop. endok. no. 3:5-19 '63.
Glycogen diathesis in exudate neutrophils during hormonal influences, A. I. Rukhomenova, Tsitologiya 4 no. 3 373-376 My-Je '64.
Mechanism of the action of hormones on the process of oxidative phosphorylation in heart mitochondria, P. A. Rusev-Rachev, Vest. LITU 20 no. 15:105-113 '65.
Response of various zones of the injured epidermis to hormones, A. I. Rukhomenova, Dokl. AN SSSR 164 no. 3 712-715 S '65.
Restorative processes and hormones, A. A. Volkovich, Sov. vop. endok. no. 2 240-269 '63.

HORMONES, SEX

Effect of sex hormones on the secretory capacity of the adrenal glands. T. S. Sakhatkale, Sov. yop. endok. no. 2, 70-89 '63

Has gonadostimulin any effect? A. V. Pozdnikov, L. V. Vinokurov, Veterinariia 12 no. 7:77-78 JI '65.

HORSE BREEDING see subdivision under Kirghizistan

HORSEFLIES see subdivision under Tajikistan, Uzbekistan

HORSES—DISEASES AND PESTS see subdivision under Kazakhstan

HORSETAIL, FOSSIL see subdivision under North Sak region (Krasnoyarsk Territory)

HOSIERY, NYLON

Run-resistant system used in the manufacture of seamless hosiery. L. P. Ignatova, M. P. Krepel', Tekst. prom. 23 no. 8:33-47 Ag '65.

HOSPITAL CARE

Fundamentals of the classification of type I legions for the movement activity of patients in hospitals. Kh. A. Izakson. Vop. vuz. i fizioter. i lech. fiz. kul't. 29 no. 4:353-355 JI-Ag '64.

HOSPITALS—OUTPATIENT SERVICES

(see also subdivision under Kabardino-Balkar A. S. S. R., Ossetia, North)

Experience in the organization of a radiological department in an inter-district oncological dispensary. L. M. Chigirinskii, P. B. Kremer. Med. ind. 8 no. 11:45-18 N '64.

HOT-AIR HEATING

Experimental examination of gravitational air movement in the closed system of panel air heating. I. L. Ganes, L. N. Alekseeva. Sbor. trud VNIIG no. 18:13-19 '63

HOT-WATER HEATING

Calculations on the hydraulic and heat calculation of a single-pipe system of hot-water heating with low separation. I. L. Ganes, L. N. Alekseeva. Sbor. trud VNIIG no. 18:20-47 '63

HOURS OF LABOR

(see also subdivision under Ukraine)

The five-day work week is a good practice. O. Bermant. Eksp. Rad. Ukr. 8 no. 9:71-76 S '65.

HOUSE FURNISHINGS INDUSTRY see subdivision under Leningrad Economic region

HOUSE PAINTING

Surzhanenko, A. E. [House painting, paper hanging and glass work] Malinnye, oboi i stekol'nye raboty. Izd. 2., 1 sept. i dop. (steizolpnoe). Moskva, Vysshaya shkola, 1965. 366 p.

HOUSING see subdivision under Donets Basin

HOUSING—LAW AND LEGISLATION

Fedotovskaya, Z. A. [Housing construction in rural areas: legal problems] Zhilishchnoe stroitel'stvo v sel'skoi tsel'nosti, pravovye voprosy. Moskva, Iuridicheskaya literatura, 1965. 105 p.

Our replies to questions. Sov. iust. 20 no. 17:32 S '65.

Rozantsev, S. N. [One hundred replies to questions on housing law] Sto otvetov na voprosy po zhilishchnomu zakonodatel'stву. [Moskva] Profizdat, 1965. 127 p.

HOUSING FOR PHYSICALLY HANDICAPPED

(see also subdivision under Lipetsk Province; Tambov Province)

Let's improve the care of the physically handicapped and the aged. Sots. obshch. 26 no. 9:2-4 S '65.

Useful activities. E. Teplov. Sots. obshch. 26 no. 6:38 Ia '65.

HOUSING MANAGEMENT

[Housing management; concise handbook for workers in housing management, maintenance offices, housing offices, and communal housing departments] Upravlenie zhilishchnym khoziaistvom; kratkii spravochnik dlia rabotnikov domoupravlenii, zhilishchno-eksploataatsionnykh kontor, zhilishchno-kommunal'nykh otdelov. Moskva, Stroizdat, 1965. 242 p.

HULLS (NAVAL ARCHITECTURE)

Comparing the hulls of the Star class yachts. B. V. Miloskhin. Sudostroyenie 30 no. 7:40-42 JI '64.

HUMAN ECOLOGY

Factors influencing the physical development of man. T. V. Kuznetsova, Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., Filos. no. 11:11-124 '65.

Man-made environment as a social factor in the biological development of man. V. V. Leonovich. Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., Filos. no. 6:89-110 '65.

HUMAN EMBRYOLOGY see Embryology, Human

HUMAN ENGINEERING

Chair for a machine-operator. S. Kurilo. Sots. trud. 10 no. 8:78-79 '65.

The first Leningrad conference on the problems of engineering psychology in the manufacture of instruments. S. M. Kessel'man. Inz. tekhn. no. 6:51-52 Ag '65.

Krynel'skiy, Y. I. [Man and the cybernetic machine] Luchshaia kiberneticheskii avtomat. Kyiv, Tekhnika, 1965. 84 p.

Physiological requirements for the working area. A. Vovrinik. Sots. trud. 10 no. 8:68-73 '65.

Psychological requirements for the working area. M. Gorin'. Sots. trud. 10 no. 8:73-78 '65.

HUMAN ENGINEERING—RESEARCH see subdivision under Lvov

HUMAN RELATIONS see Interpersonal relations

HUMIC ACID

Products of the oxidative decomposition of humic acids. O. B. Maksimov. Dokl. AN SSSR 164 no. 2:336-339 S '65

HUMIDITY

Effect of bottles of water on the air temperature and humidity of the shore. I. S. Borushko. Trudy GGO no. 182:38-40 '65.

Investigating the effect of relative air humidity drops on the deformation of the leather parts during shoe manufacture and storage. G. S. Klimchuk, I. P. Zybina. Izv. vuz. ucheb. zav. i tekhn. log. prom. no. 4:96-100 '65

HUNGARY—BIBLIOGRAPHY

[New literature on Hungary] Nov. izd. po Veng. no. 6 '65.

HUNGARY—COMMUNIST YOUTH

Kommunistai ifjúsági szövetség. [The youth of Hungary. Translated from the Hungarian] Utasol' Vengii. Predisl. Ladisha Mekhesha. [Moskva] Molodain gvardia, 1965. 128 p.

HUNGARY—CREDIT

Monetary savings and the extension of credit to the population. Laszlo Gacs. Den. i kred. 23 no. 9:69-70 S '65.

HUNGARY—HISTORY

Twenty years of people's Hungary. K. N. Barakov. Nov. i novish. ist. no. 5:100 '65.

HUNGARY—RELATIONS (GENERAL) WITH RUSSIA

A delegation of Soviet lawyers in the Hungarian People's Republic. G. Kaznin. Sots. zakon. 42 no. 9:71-77 S '65.

Ten days in the Hungarian People's Republic. Bial. Vekh. Suda. no. 4:40-41 '65.

HUNGARY—SAVINGS BANKS

Monetary savings and the extension of credit to the population. Laszlo Gacs. Den. i kred. 23 no. 9:69-76 S '65.

HUNGARY—TECHNOLOGICAL INNOVATIONS

Foreign market requires quickness and innovations. M. P. Kas. Izobr. i izot. no. 9:20-21 '65.

HURRICANES

Characteristics of storm activity related to the development of tropical cyclones in the western part of the North Atlantic. O. D. Kodran. Trudy GGO no. 182:50-62 '65.

HYALURONIC ACID

Use of the VK-4 viscosimeter for the standardization of the viscosity of hyaluronic acid. B. N. Levin. Lab. delo no. 9:574-575 '65

HYALURONIDASE

Changes in hyaluronidase activity in the blood serum in tuberculous under clinical and experimental conditions. V. M. Stratonov. Nauch. izd. Kaz. gos. med. inst. 14:655-656 '64.

Changes in the "hyaluronidase-antihyaluronidase" system under the influence of ionizing radiation. T. F. Glubokova. Nauch. izd. Kaz. gos. med. inst. 14:117-148 '64.

HYDRATION

Hydration kinetics of tricoctylsilicates. L. I. A. Lopatinikova, V. I. Gyseva. Trudy NIT'Sement no. 18:63-74 '63.

Transport numbers and hydration of H⁺ ions in highly concentrated nitric acid solutions. V. P. Troshin. Elektrokhimika 1 no. 3:1015-1019 Ag '65.

HYDRAULIC CONTROL

Pantaev, N. F., and V. G. Dianov. [Principles of the theory of automatic control and automatic controllers] Osnovy teorii avtomaticheskogo regulirovaniia i avto-regulirovaniia. Moskva, Nedra, 1965. 344 p.

HYDRAULIC CONVEYING

Economic effectiveness of using hydraulic mechanization at construction jobs. V. S. Khablov. Stroitel'stvo mash. 10 no. 5:5-8 Ag '65.

A hydraulic conveying unit for transporting metal and slag samples to the central plant laboratory. G. I. Shapoval. Izv. DGI 41 pt. 2:95-99 '62

Hydraulic pipeline conveying of coal in containers. G. T. Shapoval, D. F. Ogurtkov. Izv. DGI 41 pt. 2:99-104 '62

Hydraulic study of the motion of a suspension-carrying flow through horizontal pipe systems. I. A. Pishchenko, B. A. Skochel'skiy. Khim. mashinost. no. 10:2-06 '65

Investigating the basic parameters of the hydraulic conveying of clays. G. N. Popov, D. P. Lobanov, A. M. Limonovskii. Izv. vuz. ucheb. zav., izvet. met. B no. 4:22-29 '65

Nozzles for pulp ducts. V. M. Tsvetkov. Mekh. stroit. 22 no. 9:19-20 S '65

Studying backflow in systems with complicated tail ends of lifting pipes. A. P. Zhelezetsko. Trudy TSNIIPod-zemshahitratela no. 3:26-18 '64.

HYDRAULIC ENGINEERING

(see also subdivision under Volga-Baltic Sea Waterway)

Basic trends in the development of hydromechanization.

B. M. Shkudina. Mekh. stroit. 22 no. 9:2 of cover-1 S '65

Hydromechanization in rural construction. A. Chernyshov. Mekh. stroit. 22 no. 9:31 S '65

Hydromechanization of construction work. G. A. Larina. Mekh. stroit. 22 no. 9:26-27 S '65.

Karst and hydraulic engineering construction. D. S. Sokolov. Trudy MOIP 15:91-93 '65.

Study of karst in the mass construction of small reservoirs. N. V. Rodionov. Trudy MOIP 15:94-98 '65.

HYDRAULIC FILLING see subdivision under Kiev

Hydroelectric Power Station

HYDRAULIC MINING

All-Union seminar on the exchange of progressive practice in the hydromechanization at the Bakhskiy open-pit coal mine. IU I. Seliannov. Ugol' 40 no. 9:79 S '65

Effect of the motion of the pulp on the air flow in a mine working. K. Z. Ushakov. Izv. vuz. ucheb. zav., gor. zhut. 8 no. 7:47-41 '65

Hydromechanization in the rock products industry. P. F. Shonenko. Mekh. stroit. 22 no. 9:2-4 S '65.

HYDRAULIC MINING—EQUIPMENT AND SUPPLIES

Determining the amount of hydraulic impact pressure in hydraulic mining equipment. A. G. Dzhavahishvili, G. I. Klimchuk, I. P. Zybina. AN SSSR 40 no. 2:402-410 Ag '65

Problems of the theory of operation of double-acting hydraulic-impact machines. B. I. Skochel'skiy, T. I. Chekueva. Trudy Inst. gor. deln. AN Kazakh. SSR 17:120-145 '65.

HYDRAULIC MODELS

Some problems of similarity in performing the investigation on models from brittle materials. G. M. Kaganov. Sbor. trud. MSI no. 46:83-90 '64.

HYDRAULIC PRESSES

Introducing the N-608 hydraulic press. G. A. Linushkin. Bul. tekhn.-ekon. inform. (gor. mash.-stroi. inst. nauch. i tekhn. inform. 18 no. 7:37-40 JI '65.

The N-738 horizontal press for bending corner iron. I. N. Stel'kov. Bul. tekhn.-ekon. inform. Gos. nauch.-issled. inst. nauch. i tekhn. inform. 18 no. 7:49-50 JI '65.

Packing the molds under high pressure. S. I. A. Kosoyev, V. M. Sautov, A. V. Krasavin. Lit. proizv. no. 3:34-35 Mr '64.

HYDRAULIC STRUCTURES

Computing the soil pressure on a retaining wall.

V. Rukh. Rech. transp. 24 no. 5:40-40 '65

Industrial methods and newest structures in harbor construction. B. A. Rubleva. Inform. bul. VDNKI no. 10:28-29 O '62.

HYDRAULIC STRUCTURES—DESIGN AND CONSTRUCTION

[structures] Rekomendatsii po projektirovaniu sooruzhenii shlamokhechnykh melnikh gishkot promyshlennosti. Moskva, Stroizdat, 1965. 143 p.

Kvestia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions on designing hydraulic structures subject to wave action] Ukazaniia po projektirovaniu gidrotekhnicheskikh sooruzhenii, podverzhennykh volnovym vozdustviam (SN 208-64) Izd. ofitsial'nogo. Moskva, Stroizdat, 1965. 130 p.

HYDRAULIC STRUCTURES—MODELS

Study of brittle materials for the models of hydraulic structures. P. I. Gaidenko and others. Sbor. trud. MSI no. 46:65-74 '64.

Vibration method of determining the hydrostatic load on the model of hydraulic structures. P. I. Gaidenko, Sbor. trud. MSI no. 46:75-82 '64.

HYDRAULIC TURBINES—MAINTENANCE AND REPAIR

Agaf'ev, V. A., and N. K. Birkov. [Hydraulic turbines and their maintenance.] *Gidroturbiny i ikh obsluzhivanie*. Izd. 2., 1-spl. i dop. Moskva, Energiya, 1965. 352 p.

HYDRAULICS

Chernov, A. V., and M. K. Bessrebrebnikov. [Fundamentals of heat engineering and hydraulics.] *Osnovy teplo-tekhniki i gidravliki*. Pod red. V. S. Silitskogo. Moskva, Energiya, 1965. 455 p. diagr. (insert)

HYDRAZIDES—SPECTRA

Proton magnetic resonance spectra and structure of the products of reaction of α, β -unsaturated acid anhydrides with asymmetric dimethylhydrazine. A. I. Koltsov. *Izv. AN SSSR Ser. Khim.* no. 8 1350-1357 '65

HYDRAZINE

Interaction of asymmetrically disubstituted hydrazines with derivatives of α, β -unsaturated acids. Report No. 1. Formation of 1,1-dimethyl-3-pyrazolium oxides. N. P. Zapevalova, T. A. Solovova. *Izv. AN SSSR Ser. Khim.* no. 8 1442-1447 '65
Kinetics and constitution of ammonia radiolysis in the gaseous phase under the effect of fast electrons. I. U. A. Sorokin, S. L. Pshchetskiy. *Zhur. fiz. khim.* 39 no. 8 1755-1959 Ag '65

HYDRAZINE—PHYSIOLOGICAL EFFECT

Effect of hydrazine derivatives on the adrenal cortex function. E. V. Naumenko, N. K. Popova. *Izv. SO AN SSSR* no. 8 Ser. biol.-med. nauk no. 2 135-138 '65
Effect of hydrazine derivatives on the cholinergic structures of the brain. I. V. Komissarov, I. A. Zember-skii. *Biokh. eksp. biol. i med.* 60 no. 8 69-73 Ag '65

HYDRIDES

Transition from metal hydrides to π -allyl complexes and the initiation of the stereospecific polymerization of butadiene. O. K. Shalayev and others. *Dokl. AN SSSR* 164 no. 1 119-121 S '65

HYDROBIOLOGICAL SOCIETIES

First Congress of the All-Union Hydrobiological Society. Sh. I. Kogan, N. N. Kanada. *Izv. AN Turk. SSR Ser. biol. nauk* no. 3 90-93 '65

HYDROBIOLOGY see subdivision under Pos'yet Bay

HYDROCARBONS

(see also subdivision under Lokbatan region, Azerbaijan)

Chromatography for determining hydrocarbon microimpurities. E. V. Vagin. *Trudy VNIIMASH* no. 10, 122-131 '65

Determining the composition of aromatic hydrocarbons in petroleum fractions by means of gas-liquid chromatography. R. I. Sidorov and others. *Khim. i tekhn. topl. i masel* 10 no. 7 20-23 Ji '65

Extraction of aromatic hydrocarbons from reforming catalysts with aqueous triethylene glycol. V. N. Pokorskiy, M. N. Iablochkina. *Khim. i tekhn. topl. i masel* 10 no. 9 9-11 S '65

Hydrocarbon composition of dearomatized liquid paraffins. I. A. Mikhailov and others. *Khim. i tekhn. topl. i masel* 10 no. 8 8-12 Ag '65

Interaction between hydrogen atoms and molecules of certain compounds in a rarefied hydrogen flame. V. N. Panfilov, V. V. Voevodskii. *Kin. i kat.* 6 no. 4 577-581 Ji-Ag '65

Rate and selectivity of the process of isobutylene extraction from hydrocarbon fractions with sulfuric acid. A. G. Liakunovich, I. U. Mikhurov, A. B. Gushchevskii. *Khim. prom.* 42 no. 9 655-658 S '65

Reactions involving an HO_2 radical. Report 1. Mechanism of interaction of HO_2 radicals with saturated and unsaturated hydrocarbons and methyl alcohol. L. I. Avremenko, L. M. Evlashkina, R. V. Kolesnikova. *Izv. AN SSSR Ser. khim.* no. 8 1336-1345 '65

Solubility of water in individual hydrocarbons. B. A. Englin and others. *Khim. i tekhn. topl. i masel* 10 no. 9 42-46 S '65

HYDROCHLORIC ACID

Aqueous solutions of strong electrolytes. Part 2. A. V. Storozhkin, M. D. Lagunov, R. V. Prokof'eva. *Zhur. fiz. khim.* 39 no. 8 2017-2019 Ag '65

Determination of free acid in process solutions of nickel and cobalt salts. E. Sh. Ioffe. *Zav. lab.* 31 no. 8 938-940 '65

HYDROCORTISONE see Cortisol

HYDRODYNAMIC SHORT-RANGE WEATHER FORECASTING

Short-range forecasting of the baric and kinematic fields of the atmosphere by the complete system of equations of hydrodynamics. V. M. Berezin, Ev. AN SSSR, *Fiz. atm. i okeana* 1 no. 8 781-787 Ag '65

HYDRODYNAMICS

Flow of a viscous fluid in a tube with porous walls. G. A. Babadzenian. *Izv. AN Arm. SSR Ser. fiz.-mat. nauki* 18 no. 4 73-79 '65

Initial velocity of air entrainment in chutes. V. E. Kapov. *Izv. vyz. ucheb. zav., energ.* 8 no. 7 83-101 Ji '65

Motion of a liquid near a free surface under the action of a shock wave. A. M. Boldirev, I. A. Popov. *Nauch.-tekh. probl. gor. i vzryva* no. 1 114-116 '65

Motion of an infinite wall in a viscous incompressible fluid with slip. Kh. Kh. Rakhimov. *Vest. Mosk. univ. Ser. 1, Mat. i mekh.* 20 no. 3 65-69 My-Je '65

Pressure losses during the flow of a liquid through rough pipes and channels. B. V. Pustovolt. *Izv. vyz. ucheb. zav., energ.* 8 no. 8 112-118 Ag '65

Problem concerning the stability of a pipe containing a flowing liquid. A. A. Movchan. *Prikl. mat. i mekh.* 20 no. 4 760-762 Ji-Ag '65

Spectrum of small disturbances of plane-parallel Couette flow. R. V. Biriukh. *Prikl. mat. i mekh.* 20 no. 1 798-800 Ji-Ag '65

Spreading of a conductive gas jet near a flat wall. I. U. A. Sokolovskii. *Izv. vyz. ucheb. zav., energ.* 8 no. 8 83-86 Ag '65

Waves of finite amplitude engendered in a liquid by its source. L. N. Sitenko. *Prikl. mat. i mekh.* 20 no. 4 667-671 Ji-Ag '65

HYDROELECTRIC POWER STATIONS

(see also subdivision under Danube Valley; India, see also; Kiev Hydroelectric Power Station; Krasnoyarsk Hydroelectric Power Station)

Determination of the economic effectiveness of peak power transmission. O. P. Shcherbakova. *Izv. AN Arm. SSR Ser. tekhn. nauk* 18 no. 4 27-34 '65

Necessary studies in the field of the optimization of the operation of hydroelectric and thermal power systems. V. B. Potapov. *Energ. i elektrotekh. prom.* no. 3 60-67 Ji-S '65

Some new principles for constructing main electrical hook-up networks of hydroelectric power stations. L. I. Dvoskin. *Elektr. sta.* 76 no. 9 86-89 S '65

HYDROELECTRIC POWER STATIONS—WATER SUPPLY

Flow distribution between the water conduits of joint hydroelectric power stations. N. V. Sinitsyn. *Izv. vyz. ucheb. zav., energ.* 8 no. 8 105-111 Ag '65

Selecting the water level and preflow working capacity of hydroelectric power station reservoirs. L. S. Belinev. *Izv. vyz. ucheb. zav., energ.* 8 no. 7 86-92 Ji '65

HYDROFLUORIC ACID

Kinetics of the U(IV) re-extraction from tri-n-octylamine solutions in butylbenzene by the aqueous solutions of hydrofluoric acid. A. S. Nazarov, B. V. Gromov. *Trudy MKHTI* no. 47 165-173 '61

HYDROFOIL BOATS

(see also subdivision under Black Sea)
Operation of main engines on the "Raketa" and "Meteor" type motor ships. I. U. Potapov. *Rech. transp.* 21 no. 8 24 Ag '62

HYDROGEN

Adsorption of hydrogen on a skeletal cobalt. F. Bizhanov, D. V. Sokol'skii. *Izv. AN Kazakh. SSR Ser. khim. nauk* 15 no. 2 73-76 Ap-Je '65

Effect of large surface coverages in the catalytic hydrogen evolution on mercury. G. A. Todoradze, D. I. Dzharapidze. *Elektrokhimiya* 1 no. 8 910-915 Ag '65

Fluorine catalysis of hydrogen transport from dihydro-pyridines and similar compounds. D. D. Morzhukhin and others. *Izv. AN SSSR Ser. khim.* no. 8 1692-1691 '65

Hydrogen ion source at low gas pressure. S. V. Starodubtsev and others. *Izv. AN Uz. SSR Ser. fiz.-mat. nauk* 9 no. 4 78-80 '65

Interaction between hydrogen atoms and molecules of certain compounds in a rarefied hydrogen flame. V. N. Panfilov, V. V. Voevodskii. *Kin. i kat.* 6 no. 4 577-581 Ji-Ag '65

Ionic-molecular reactions in hydrogen and in a hydrogen-helium mixture. G. E. Spezhakova, N. N. Tontekti, M. V. Tikhomirov. *Zhur. fiz. khim.* 39 no. 8 2002-2008 Ag '65

Nitrogen fixation on hydrogen-activating transition metal complexes. M. E. Volpin and others. *Dokl. AN SSSR* 164 no. 2 331-333 S '65

Obtaining hydrogen from the methane-hydrogen fraction of pyrolytic gas. V. P. Rordestvenskii, V. I. Erofeeva, V. V. Shkol'nikova. *Ispol. gaz. v nar. khoz.* no. 2 199-218 '63

Oxidation of hydrogen on platinum. V. I. Popov, S. Z. Roginskii. *Kin. i kat.* 6 no. 4 895-703 Ji-Ag '65

Search for anomalous hydrogen. G. M. Kukavadze. *Zhur. eksp. i teor. fiz.* 40 no. 2 989-302 Ag '65

HYDROGEN—ANALYSIS

Microdetermination of carbon and hydrogen in compounds of triphenyl structure. V. S. Bzhalitskaya, M. K. Dzhamletdinova, G. M. L'dokova. *Zav. lab.* 31 no. 9 943-944 '65

Use of gas chromatography in the modification of the Tseretvinnov method for determining active hydrogen content. J. Lille, H. Kundel. *Khim. i tekhn. gor. slan. i prod. ikh. perer.* no. 13 254-257 '64

HYDROGEN BONDING

Intramolecular hydrogen bonds in excited states of some α -disubstituted naphthalenes. B. A. Zadorozhny. *Zhur. fiz. khim.* 39 no. 8 1911-1918 Ag '65

Mechanism of the generation of radicals during the excitation of systems with intermolecular hydrogen bonding. D. I. Khomskii, D. N. Shipilov. *Zhur. fiz. khim.* 39 no. 8 2053-2055 Ag '65

Once more about criteria for the presence of hydrogen bonds. A. I. Lutsylit. *Zhur. fiz. khim.* 39 no. 8 2071-2075 Ag '65

Possibility of using particular features of physical properties as a criterion for hydrogen bonding. V. S. Korolov. *Zhur. fiz. khim.* 39 no. 8 2043-2044 Ag '65

Relation between hydrogen bond energy and the intensity of infrared absorption. A. V. Iegumen. *Dokl. AN SSSR* 164 no. 3 610-613 S '65

Study of hydrogen bonding in urethane elastomers by infrared spectroscopy. I. M. Bolachuk and others. *Vysokom. ned.* 1 no. 5 778-785 My '65

HYDROGEN-ION CONCENTRATION

Characteristics of the neutralization of acid solutions using sea water. K. K. Zelenov and others. *Izv. vyz. ucheb. zav., geol. i razv.* 8 no. 9 120-123 S '65

Composition and conditions of formation of basic copper salts. E. Sh. Idrakhamedova, T. N. Samarkova, M. A. Batyrgova. *Izv. AN Kazakh. SSR Ser. khim. nauk* 15 no. 2 45-50 Ap-Je '65

Dynamics of the changes in the oxidation-reduction potential and pH medium in pure and mixed bacterial cultures. Report No. 4. Dynamics of the changes in the oxidation-reduction potential in cultures of pyogenic bacteria on a synthetic medium. M. G. Gimanov. *Zhur. biol. i med. i epid. i immun.* 42 no. 8 58-67 Ag '65

Effect of inhibitor I on stabilization of hyppin and on the dependence of its activity on pH. A. A. Antonian. *Ukr. biokhim. zhur.* 37 no. 4 103-100 '65

Metal corrosion by nonuniform concentrations of hydrogen peroxide in solutions with a variable pH value. T. A. Kravchenko, A. I. A. Shatalov. *Zashch. met.* 1 no. 5 583-585 S-O '65

HYDROGEN ISOTOPES

Viscosity of solutions of hydrogen isotopes. N. S. Rudnev, V. G. Kononova. *Zhur. eksp. i teor. fiz.* 40 no. 2 447-448 Ag '65

HYDROGEN SULFIDE

Investigating the interaction of titanium powder with hydrogen sulfide. G. N. Dubrovskaya. *Porosh. met.* 5 no. 6 6-8 S '65

Methodology for the determination of low hydrogen sulfide concentrations in tissue fluids. B. H. Koptikova. *Trudy zhur. [Ukr.]* 10 no. 3 414-415 My-Je '64

HYDROGENATION

Activity and selectivity of nickel-chromium catalysts on carriers in cottonseed oil hydrogenation. P. P. Zmorzina, N. M. Popov, I. B. Balanov. *Trudy Inst. khim. nauk AN Kazakh. SSR* 13 165-173 '65

All-Union Conference on Catalysts for the Hydrogenation of Fats, Sugars, and Furfurals. *Kin. i kat.* 6 no. 1 767-768 Ji-Ag '65

Catalytic hydrogenation of tetrahydridodioxo-(dihydroanthracene) triptycene. R. I. U. Mamed-Zade, L. I. Khabunovskii, A. A. Balandin. *Izv. AN SSSR Ser. khim.* no. 9 1570-1575 '65

Electrochemical methods of studying the mechanism of catalytic hydrogenation in solutions. A. M. Sokol'skii. *Kin. i kat.* 6 no. 1 855-865 Ji-Ag '65

Formation of free radicals in the catalytic reduction of carbon tetrachloride. M. A. Benprozvannyi, M. F. Kononov, V. V. Khurimov. *Izv. AN SSSR Ser. khim.* no. 8 1345-1350 '65

Hydrogenation of benzalacetone. A. M. Sokol'skii, S. A. Rubina. *Vest. AN Kazakh. SSR* 22 no. 1 15-21 Ag '65

Hydrogenation of cottonseed oil on a skeletal nickel with vanadium additives. N. S. Samonova, D. V. Sokol'skii. *Izv. AN Kazakh. SSR Ser. khim. nauk* 15 no. 2 65-72 Ap-Je '65

Hydrogenation of cottonseed oil on nickel-kieselguhr and nickel-chromium catalysts over coal in absolute ethyl alcohol. N. M. Popova and others. *Izv. AN Kazakh. SSR Ser. khim. nauk* 15 no. 2 58-64 Ap-Je '65

Kinetics of carbon monoxide hydrogenation on a nickel catalyst. V. M. Vinenko, G. L. Utefovich, M. T. Rys. *Kin. i kat.* 6 no. 4 888-894 Ji-Ag '65

Low temperature hydrogenation of vegetable oils on platinum group catalysts on carbon. L. I. Zuev, D. V. Sokol'skii. *Trudy Inst. khim. nauk AN Kazakh. SSR* 13 146-164 '65

Microanalytical hydrogenation of polyene antifeedants. L. O. Bol'shakova, B. G. Helen'kii. *Antibiotiki* 10 no. 8 707-709 Ag '65

Palladium on aluminum oxide as an active catalyst for low temperature hydrogenation of fats in solvents. E. A. Pod'achova, L. S. Golodova. *Trudy Inst. khim. nauk AN Kazakh. SSR* 13 202-206 '65

HYDROGENATION (Continued)

- Trans-isomerization in the continuous hydrogenation of fats. K. A. Zhubanov, D. V. Sokol'skiy. Trudy Inst. Khim. nauk AN Kazakh SSR 13,207-209 '65.
- Use of Koles bentonite clays in the hydrogenation of cottonseed oil under operational plant conditions. D. V. Sokol'skiy, N. I. Popov, N. M. Popova. Trudy Inst. Khim. nauk AN Kazakh SSR 13,210-218 '65.

HYDROGRAPHIC SURVEYING see subdivision under Russia, Northern

HYDROLOGY see subdivision under Central Chernozem region, Soviet, Lake

HYDROLOGY--RESEARCH

- (see also subdivision under Ukraine)
- Experimental study of the functional nodes of a processing device of the automatic hydrologic telemetering station. A. P. Kuznetsov, I. M. Bogomolov, G. P. Nekrasova. Trudy GGI no. 115 11-62 '61.
- Operating principle and description of the basic nodes of the first variant of an automatic telemetering system. A. M. Dimaskin and others. Trudy GGI no. 115 3-13 '64.

HYDROLYSIS

- Analyzing the inversion of wood hydrolyzates. E. F. Likhonos, N. I. Korol'kov. Gidroliz i lesokhim. prom. 18 no. 6 3-1 '65.
- Apparatus for the processing of finely dispersed vegetable materials. M. G. Gazanchikants and others. Gidroliz i lesokhim. prom. 18 no. 6 5-6 '65.
- Characteristics of the neutralization of acid solutions using raw water. K. K. Zelenov and others. Izv. vuz. ucheb. zav., geol. i razv. 8 no. 9 120-123 S '65.
- Chemistry of acetals. Report No. 17: Study of the hydrolysis of various types of acetals by gas-liquid chromatography. L. A. Ivanovskaya, R. N. Stepanova. Izv. AN SSSR, Ser. khim. no. 8 1416-1424 '65.
- Chemistry of acetals. Report No. 18: Rate of hydrolysis of some mono- and diacetals. L. A. Ivanovskaya, V. M. Belikov. Izv. AN SSSR, Ser. khim. no. 8 1363-1368 '65.
- Conference on the use of protein pastes and protein food additives. P. V. Kuzmin. Kons. i ov. prom. 20 no. 8: 42-44 Ag '65.
- Kinetics and mechanism of reactions taking place in concentrated strong acid media. Part 10. N. G. Zaitseva, V. V. Budylna, M. I. Vinukh. Zhur. fiz. khim. 39 no. 8 1805-1808 Ag '65.
- Kinetics of hydrolysis of monovinyl ethers of ethylene glycol, di-, and triethylene glycols. M. F. Shostakovskiy and others. Izv. AN SSSR, Ser. khim. no. 8 1405-1407 '65.
- New system for blocking the top lid of a hydrolysis apparatus. I. L. Naumenko. Gidroliz i lesokhim. prom. 18 no. 6 16-19 '65.
- Pierce acid hydrolysis in the cytochemical Feulgen reaction for DNA on a means of preservation of glycogen and RNA in histological preparations. M. G. Shubich. Tsitologiya 6 no. 3 384-387 My-Je '64.
- Problems of hydrolysis in the problems of general chemistry, from the materials of the Ninth Mendeleev Congress on General and Applied Chemistry. M. A. Pravyukh. Gidroliz i lesokhim. prom. 18 no. 6 30 '65.
- Production of fodder yeast from konjac scutch. M. A. Zhitina. Gidroliz i lesokhim. prom. 18 no. 6 15-18 '65.
- Products of acid hydrolysis of olivomycin. A. S. Mezentsev, E. B. Kruglak, M. G. Brazhnikova. Antibiotiki 10 no. 9 800-801 S '65.
- Providing the hydrolysis plants of Western Siberia with raw materials from wood wastes. B. M. Garber. Gidroliz i lesokhim. prom. 18 no. 6 20-27 '65.
- Synthesis of triethylcarbinol. A. D. Kalaushin, Shoi, nach, -tekhn. Inform. Azerb. inst. pauch. -tekhn. Inform. Ser. Neft' i gaz, i khim. prom. no. 2: 20-23 '62.

HYDROMETALLURGY

- Investigating the interaction of niobium and tantalum pentoxides with caustic soda solutions at temperatures above 100°. A. N. Zelikman, M. A. Orekhov. Izv. vuz. ucheb. zav., fiz. i tekhn. 8 no. 3 108-114 '65.
- Thermodynamic analysis of processes of the autoclave reduction of metals from solutions. S. S. Nabokchenko. Izv. vuz. ucheb. zav., fiz. i tekhn. 8 no. 1 54-57 '65.

HYDROMETALLURGY--EQUIPMENT AND SUPPLIES

- Electrolytic regeneration of soda from autoclave tungsten solutions. V. V. Belikov. Izv. vuz. ucheb. zav., fiz. i tekhn. 8 no. 4 78-83 '65.

HYDROMETEOROLOGICAL INSTRUMENTS

- Problems of technical and economic analysis in designing hydrometeorological automatic systems and instruments. V. P. Petrov. Trudy GGI no. 115 125-138 '64.
- Use of the functional node method of designing in the construction of automatic measuring devices. A. M. Bogomolov, N. A. Kousov. Trudy GGI no. 115 83-88 '64.

HYDROMETEOROLOGICAL INSTRUMENTS--RELIABILITY

- Methodology of calculating the reliability of radioelectric devices in designing hydrometeorological telemetering stations, systems, and instruments. V. P. Petrov, A. M. Dimaskin. Trudy GGI no. 115 81-112 '64.

HYDROMETEOROLOGY

- (see also subdivision under Kuybyshev Reservoir)
- Hydrometeorological conditions governing the generation of microclimates. A. D. Sytnikov. Ser. 1961, no. 6 31-47 '65.
- Nature and prognostic evaluation of a two-year occurrence of hydrometeorological phenomena. M. Kh. Baidal. Trudy KazNIGMI no. 23 3-8 '65.

HYDROMICA

- Some occurrences of authigenic hydromineralization in terrigenous sediments. G. V. Karpova. Dokl. AN SSSR 161 no. 2 122-123 S '65.

HYDROPEROXIDES

- Mechanism of the catalytic decomposition of hydroperoxides under the effect of copper stearate. Z. B. Matzue, I. P. Skibida, N. M. Timanov. Dokl. AN SSSR 161 no. 2 374-377 S '65.

HYDROPONICS

- Apparatus for automatic control and regulation of physiological processes in plants in closed systems. V. I. Rozhdetsvenskiy, V. G. Churikhin. Probl. kosm. biol. 1 658-660 '65.
- Characteristics of the nutrition of plants grown in an all-culture for a closed system. I. V. Tsvetova, I. I. Shalidov, V. M. Abramova. Probl. kosm. biol. 1 670-675 '65.
- New methods for studying the ion composition of nutrient solutions. L. M. Gelman and others. Agrokhemiya no. 2: 125-131 S '65.

HYDROSTATICS

- Vibration method of determining the hydrostatic load on the model of hydraulic structures. P. I. Gordenko. Shor. trud. MEI no. 46 75-82 '61.

HYDROXY COMPOUNDS

- Polycondensation of 1-chlorobutene-2-phosphoryl dichloride with dihydroxy compounds. A. N. Pudovik, E. A. Ignasova. Vysokom. seed 7 no. 5 808-812 My '65.

HYDROXYL

- Application of catalytic dehydroxylation in the analysis of shale phenols with the gas chromatography method. J. Lille. Khim. i tekhn. anal. i prod. i pred. i per. no. 13 258-264 '61.

HYDROXYL GROUP

- Spectral and energy phenomena of the interaction of a hydroxyl group with molecules of various electron structure. V. I. Davydov, A. V. Krasov, B. V. Kuznetsov. Zhur. fiz. khim. 39 no. 8 2050-2054 Ag '65.

HYDROXYLAMINE

- Effect of semicarbazide and hydroxylamine on the rate of P^{32} incorporation into nucleic acids of the rabbit brain. Zh. A. Chelashin. Vop. biokhim. mor. 1 157-162 '64.
- Study of the interaction of bi- and trivalent vanadium with hydroxylamine by potentiometric titration. L. B. Belkin, M. T. Korlovskiy. Izv. AN Kazakh SSR, Ser. khim. nauk 16 no. 2 8-11 Ap-Je '65.

HYGIENE

- Hygienic properties of some synthetic fabrics for clothing and footwear. K. I. Stankevich, T. L. Ovdienko. Izh. prom. no. 3 20-29 Ji-S '65.
- New aspects of personal hygiene. V. V. Levashov. Probl. kosm. biol. 4 105-108 '65.
- Preventing angina. N. A. Pirozhnikovskiy. Otkr. trud. i soobshch. 8 no. 9 26-27 S '65.

HYGROMETERS

- The carbon-film hygrometer element. N. S. Varzhonovskiy, M. M. Belkina. Trudy NIIMI no. 14 60-71 '65.

HYPERCAPNIA

- Effect of hypoxemia and hypercapnia on the intraocular pressure and the tone of intraocular vessels. S. I. A. Sezonov. Fiziol. zhur. 61 no. 8 1057-1065 S '65.

HYPERGLYCEMIA

- Role of the hypophysis in the hyperglycemic effect of gamma aminobutyric acid. B. A. Kazarian, L. A. Gullina. Vop. biokhim. mor. 1 73-77 '64.

HYPERONS

- Possibility for measuring the magnetic moment of the Σ^+ hyperon. I. V. Iakovleva. Zhur. eksp. i teor. fiz. 49 no. 2 707-710 Ag '65.

HYPERPARATHYROIDISM

- Current trends in studying the problem of hyperparathyroidism. O. V. Nikolaev. Sov. vop. endok. no. 2: 188-213 '63.

HYPERSONIC AERODYNAMICS see Aerodynamics, Hypersonic

HYPERSTHENE

- Paragenesis of hypersthene with sillimanite and its petrological significance. A. A. Marekushov, V. A. Kudryavtsev. Dokl. AN SSSR 164 no. 1 179-182 S '65.

HYPERSUSCEPTIBILITY see Anaphylaxis

HYPERTENSION

- (see also subdivision under Baku)
- Biochemical shifts in the organism of patients with hypertension during hypertensive crises. G. Z. Shumkhanova. Nauk. trudy Kaz. gos. med. inst. 11 149-151 '64.
- Case of Addison's disease concomitant with arterial hypertension. G. V. Tikhonov. Sov. med. 26 no. 9 167-171 S '65.
- Dynamics of changes in the myocardium in the treatment of hypertension with aprazin and ganglionic blocking agents. A. Kh. Adykhiev. Shor. nauch. trud. SOGAMI no. 14 170-171 '63.
- Effect of "altitude", aminazine and reserpine on arterial pressure in experimental hypertension. M. A. Aliev. Pat. fiziol. i eksp. ter. 9 no. 3 60 My-Je '65.
- Effect of hydrogen sulfide and radon baths on the blood coagulability in hypertension and atherosclerosis. G. A. Chernykh. Vop. kur., fiziol. i lech. fiz. kul't. 29 no. 1 112-116 Ji-Ag '64.
- Functional test in the detection of prehypertensive states. V. S. Volkov. Sov. med. 28 no. 8 7-8 Ag '65.
- Intravenous administration of diazepam in hypertension. P. M. Korzhuk. Azerb. med. zhur. 12 no. 6 55-60 Je '65.
- Morphological changes in the central nervous system in acute cardiovascular insufficiency in cases of sudden death from hypertension. V. I. Khavleva. Sud. med. eksp. 3 no. 3 3-8 Ji-S '65.
- Role of climatic factors in the treatment of hypertension. P. V. Sakhnev. Vop. kur., fiziol. i lech. fiz. kul't. 10 no. 4 341-355 Ji-Ag '65.
- Use of acid in hypertension of endocrine origin. A. I. Gladova, N. V. Novikova. Pat. fiziol. i eksp. ter. 9 no. 3 60-61 My-Je '65.

HYPERTENSION--PREVENTION

- Prevention of hypertension and coronary atherosclerosis. A. I. Mironov, I. A. Ryvkin. Vest. AMN SSSR 20 no. 6 30-41 '65.

HYPERTHYROIDISM

- Effect of therapeutic radioactive factors at the Belokurikha Health Resort on the thyrostatic activity of the blood serum in thyrotoxicosis. V. I. Fedenkov. Vop. kur., fiziol. i lech. fiz. kul't. 29 no. 1 327-330 Ji-Ag '64.

- Effect of thyrotoxicosis on the resistance of erythrocytes to hemolysis. M. M. Sivik. Fiziol. zhur. [Ukr.] 10 no. 3 367-370 My-Je '61.

- Functional status of the principal digestive glands in patients with thyrotoxicosis during 131I therapy. V. V. Trunov and others. Med. rad. 9 no. 11 7-15 N '61.

- 131I radiotherapy following surgical treatment of thyrotoxicosis. V. V. Dzhankha, T. V. Voronenko. Med. rad. 10 no. 7 41-46 Ji '65.

HYPOCHONDRIA

- Psychopathological variations of hypochondriac states. A. K. Anufiev. Probl. anal. psikh. no. 13 163-163 '62.

HYPOPHOSPHOROUS ACID

- Synthesis of cellulose hypophosphites. B. A. Predvaditel'ev, E. L. Nifant'ev, Z. A. Rogovin. Vysokom. seed, 7 no. 5 791-794 My '65.

HYPOTENSION

- Arterial hypotension caused by conditioned response and drugs. G. G. Bektadze. Sov. AN fiz. i med. SSR 33 no. 2: 459-465 Ag '65.

- Methodology of X-ray examination of the small intestine under conditions of its artificial hypotension. I. V. Lincevskiy, I. S. Pavlova. Vest. rent. i rad. 40 no. 3: 37-39 Ji-Ag '65.

- Some remarks concerning V. N. Shumkov and I. S. Pavlova's article "Significance of the method of isolated contrasting of the duodenum and artificial hypotension in the diagnosis of duodenitis." P. G. Ponomarev. Vest. rent. i rad. 10 no. 1 47-48 Ji-Ag '65.

HYPOTHALAMUS

- Chemical nature of coronary active substances obtained from the hypothalamus. A. A. Galokin, R. M. Staptendin. Vop. biokhim. mor. 1 145-148 '64.

- Effect of the hypothalamus in the action of gamma aminobutyric acid on the carbohydrate metabolism in peripheral organs. G. Kh. Buntatun, B. A. Kazarian. Vop. biokhim. mor. 1 70-76 '64.

- Histophysiology of the hypothalamus in endocrine disorders. E. I. Tarakanov. Sov. vop. endok. no. 2 270-281 '63.

- Inflammatory reaction in the subcutaneous connective tissue of albino rats to the destruction of the hypothalamus and the simultaneous removal of the adrenal glands. M. A. Iutina. Trudy Un. druzh. nar. 7. Vop. med. no. 1 158-164 '61.

- Some data on the effect of chloramphenicol on the hypothalamo-pituitary system. G. V. Barsaglini, A. Adalstein. Vop. biokhim. mor. 1 151-156 '64.

- HYPOTHERMIA**
Automatic unit for developing reversible and controllable hypothermia for possible use in space flight. E. V. Maistrah and others. *Probl. kosm. biol.* 4 573-580 '65.
Changes in the indices of hematocrit and gas composition of the arterial blood in white rats in artificial hypothermia. G. D. Glod. *Probl. kosm. biol.* 1 694-700 '65.
Methods of controllable hypothermia for studying the course and after effects of cooling the body. G. N. Pivtunin. *Probl. kosm. biol.* 4 593-597 '65.
Prevention and treatment of sequelae of a prolonged interruption of hepatoportal circulation. N. V. Korostov-tseva. *Prikl. fiziol. i eksp. terap.* 9 no. 3 25-30. My-Je '65.
Semiconductor unit for cooling small animals. I. U. N. Logunov, I. U. S. Aliukhin. *Probl. kosm. biol.* 1 555-559 '65.
- HYPOTHYROIDISM**
Effect of total X-ray irradiation on the content of glycoproteins in the blood serum of normal and hypothyroid animals. E. I. Oletskii. *Biul. eksp. biol. i med.* 60 no. 8 54-55. Ag '65.
- HYSTERESIS**
Change in losses due to rotational hysteresis in single crystals of nickel-cobalt ferrites following thermal and thermo magnetic treatment. N. I. Sudakov, S. Sh. Gendeleev, A. I. Drovin. *Fiz. tver. tela* 7 no. 8 2362-2366. Ag '65.
- HYSTERIA**
Hysterical reactions in schizophrenia and their dynamics in connection with the treatment. S. P. Pozdnakova. *Probl. sud. psikh.* no. 13 208-220 '62.
Structure and dynamics of the "animalistic" syndrome in the framework of various types of the course of chronic hysterical reactions. I. U. Chibisov. *Probl. obshchei i sud. psikh.* no. 14 197-213 '63.
- HYSTERICAL INSANITY** see Insanity, Hysterical
- IAKOBII, ARKADII IVANOVICH, 1827-1907**
Koshkin, M. L. [Arkadii Ivanovich Iakobii, outstanding Soviet hygienist]. Arkadii Ivanovich Iakobii-vydatnyi vitchyznianskyi higienist. Kyiv, Zdorov'ia, 1965. 31 p. (DNLM)
- ICE**
(see also subdivision under Antarctic regions; Enderby Land; Queen Maud Land)
Ice formation on free water surface. V. V. Stepanov. *Vest. TSNII MFS* 24 no. 5 50-53 '65.
- ICE—MANUFACTURE**
Investigating ice-making machines for layer freezing of block ice. P. K. Filippov, V. V. Moskovchenko. *Khol. tekhn. i tekhn.* no. 1 73-76 '65.
- ICE—BREAKING VESSELS**
The first icebreaker. B. Zylav. *Mor. flot* 24 no. 8 34-35. Ag '64.
Some characteristics of and outlook for the development of the power plants of icebreakers. B. S. Iudovin. *Sudostroenie* no. 8 25-29. Ag '65.
- ICE CREAM INDUSTRY**
Apply new equipment and techniques for the production of ice cream. *Khol. tekhn.* 42 no. 4 72. JI-Ag '65.
- ICE CREAM INDUSTRY—ELECTRONIC EQUIPMENT**
Electron-tensometric weighing of milk and ice-cream mixtures in tanks. A. V. Shima. *Khol. tekhn.* 42 no. 4 54-57. JI-Ag '65.
- ICE FISHING** see subdivision under Russia, Northern
- ICE ON RIVERS, LAKES, ETC.** see subdivision 'Ice' under Alakol', Lake (Kazakhstan); Baffin Bay, Courland Lagoon; Irish River; Vistula Lagoon
- ICE REMOVAL**
(see also subdivision under Krasnoyarsk Hydroelectric Power Station)
Using electric heating for the removal of frost accumulation from the batteries of air conditioners and coolers. N. N. Simonov. *Khol. tekhn.* 42 no. 4 52-53. JI-Ag '65.
- IDENS**
d. B. N. Golovkina. *Biul. Glav.* '65.
e. Jaundice
with elements from a ring of le matrices. P. S. Kazimir. 13-6 '60.
logical theory of polynomial. I. Z. Rozenkap. *Trudy* 323 '65.
- IDENTIFICATION**
Cytologic determination of the sex in examining parts of corpses recovered from water, experimental study. E. S. Ral'n'ova. *Sud.-med. eksp.* 8 no. 3 15-20. JI-S '65.
- IDZHEVAN RANGE—GLAUCONITE**
Aluminiferous glauconite from Albian sediments in the Idzhevan Range. M. A. Sattlan, E. Kh. Khursudian. *Izv. AN Arm. SSR, Nauki o zem.* 18 no. 3 138-141 '65.
- IMCHENKO, ANDRII IVANOVYCH, 1893-1964**
Andrii Ivanovich Imchenko; an obituary. *Fiziol. zhur. [Ukr.]* 10 no. 3 425-426. My-Je '64.
- IGNEOUS ROCKS** see Rocks, Igneous
- IGNIMBRITE** see Volcanic ash, tuff, etc.
- IK, LAKE (OMSK PROVINCE)—BREAM**
Results of the introduction of bream and the whitefish *Coregonus albus* in Lake Ik, Omsk Province. V. A. Bitukhtina. *Izv. Omsk. otd. Geog. ob-va* no. 6 17-51 '64.
- IK, LAKE (OMSK PROVINCE)—WHITEFISHES**
Results of the introduction of bream and the whitefish *Coregonus albus* in Lake Ik, Omsk Province. V. A. Bitukhtina. *Izv. Omsk. otd. Geog. ob-va* no. 6 47-51 '64.
- ILEUM—INNERVATION**
Interceptive reflexes from the mechanoreceptors of the ileocecal section of the intestine. I. U. M. Karpuhin. *Nauch. trudy Kaz. gos. med. inst.* 14 197-198 '64.
- IL'F IL'IA ARNOL'DOVICH, 1897-1937**
Accuracy of the author's position. M. Chudakova. *Vop. lit.* 9 no. 8 203-206. Ag '65.
- ILI VALLEY—SNAKES—FOOD**
Feeding habits of steppe viper in spring and in summer. M. I. Fomina. *Zool zhur.* 44 no. 7 1100-1101 '65.
- ILLITERACY** see subdivision under White Russia
- ILLUSTRATION OF BOOKS** see subdivision under White Russia
- ILOVLYA VALLEY—SOILS**
Evolution of alluvial soils in the floodlands of the Ilovlya River. V. S. Deviatov. *Pochvovedenie* no. 8 43-54. Ag '65.
- IMIDAZOPYRIMIDINE**
Course of bromination reaction of 2-alkyl(nkyl)pyrimidazoles. S. N. Godovikova, I. A. L. Gol'dfarb. *Izv. AN SSSR, Ser. khim.* no. 8 1434-1441 '65.
Synthesis of 3-alkylintercepto-2-alkyl(nkyl)pyrimidazoles. I. A. L. Gol'dfarb, S. N. Godovikova. *Izv. AN SSSR, Ser. khim.* no. 8 1671-1673 '65.
- IMMUNITY**
Changes in the serum protein picture of animals during the immunization process. G. I. Ezhov. *Trudy Un. druzh. nar.* 7. Vop. med. no. 1 181-190 '64.
Correlations between the general and specific immunological reconstruction of the organism and the production of C-reactive protein in polyvaccine immunization. V. D. Belakov and others. *Zhur. mikrobiol., epid. i immun.* 42 no. 8 92-95. Ag '65.
Dynamics of some immunological indices in animals with experimental streptococcus infection in combined cortisone and penicillin therapy. N. G. Busygina. *Zhur. mikrobiol., epid. i immun.* 42 no. 8 31-36. Ag '65.
Effect of ionizing radiation on the preventive properties of the blood serum of hyperimmune animals. P. I. Pritulin, I. A. P. Zaidenberg. *Dokl. Akad. sei'khov. nauk* no. 7 33-36. JI '65.
Experimental study of immunological and morphological changes under the effect of reserpine. V. I. Kuznetsova, V. V. Kyrikadze. *Trudy Gos. nauch. issl. inst. psikh.* 42 150-161 '65.
Fundamental problems of modern immunomorphology. I. A. L. Repaport. *Prikl. fiziol. i eksp. terap.* 9 no. 4 18-14. JI-Ag '65.
Immunomorphological changes in white rats following the introduction of a mycobacterial adjuvant. G. B. Kovalevskii. *Zhur. mikrobiol., epid. i immun.* 42 no. 8 117-123. Ag '65.
- Importance of immunological tests (antistreptolysine-O, C-reactive protein) and of sialic acid in determining the activity of the rheumatic process. A. A. Peshtmaldzhan. Nauch. trudy Kaz. gos. med. inst. 14 517-519 '64.
Pathogenesis of tularemia infection in nonimmune and immune organisms. R. A. Savell'eva, A. P. Gindin. *Zhur. mikrobiol., epid. i immun.* 42 no. 8 43-50. Ag '65.
Results of studying a brucellosis vaccine from the strain of *Brucella abortus* 104-M. I. F. Taran and others. *Zhur. mikrobiol., epid. i immun.* 42 no. 8 99-104. Ag '65.**
- Role of immunological indices in the clinical course and the pathogenesis of dysentery in children. N. A. Romanova. Nauch. trudy Kaz. gos. med. inst. 14 521-528 '61.
Some immunity indices in young children with peritonitis meningitis treated with massive penicillin doses. N. I. Pokuvskaia. *Trudy TSU* 18 25-30 '65.
State of antitoxic immunity in young children during staphylococcal infection. Z. I. Vikhneva. *Trudy TSU* 18 18-21 '65.**
- IMMUNOCHEMISTRY**
Comparative characteristics of the humoral factors of natural immunity in atungensis. V. I. Luk'yanenko. *Dokl. AN SSSR* 161 no. 2 160-168. S '65.
- IMMUNOLOGICAL RESEARCH**
Lesions of the skin in white rats following the introduction of Freund's adjuvant. V. V. Sura, I. U. V. Peshkov. *Biul. eksp. biol. i med.* 60 no. 8 118-121. Ag '65.
Use of Frenel's method for the study of the effect of analogs of nucleic acid bases on immunogenesis. I. A. Pevnitskii, V. V. Solov'ev, L. N. Fontalva. *Biul. eksp. biol. i med.* 60 no. 8 85-89. Ag '65.
- IMMUNOLOGY**
Immunologic nature of atrophy of an injured testicle. S. S. Raitsina. *Dokl. AN SSSR* 161 no. 1 223-226. no. 1 S '65.
Problems of specific prevention of rheumatic fever in the light of concepts of the etiology and immunology of this disease. V. I. Ioffe. *Vest. AN SSSR* 20 no. 6 87-92 '65.
- IMMUNOPATHOLOGY**
Study on the reactivity of the body in chronic reactive states. K. L. Immerman. *Probl. obshchei i sud. psikh.* no. 14 246-256 '63.
- IMPACT**
Calculation of the force engendered in an infinite filament by transverse impacts at variable speed. A. I. Pavlenko, B. M. Pavlov, G. S. Roshtakov. *Sbor. rab. VTS MGU* 1 287-302 '65.
Collision of a viscous elastoplastic rod with an absolutely solid body. G. L. Komantova, S. A. Leanyov. *Prikl. mekh.* 1 no. 8 93-99 '65.
Course of an impact process beyond the applicability of the Hertz theory. V. V. Hagarev. *Inzh. zhur.* 5 no. 1, 796-798 '65.
Formulation of the problem concerning an impact caused by a viscoplastic rod. A. M. Shukhov, P. I. Mat. i mekh. 29 no. 4 789-791. JI-Ag '65.
Transverse impact against a flexible nonlinearly-elastic membrane with a round hole. A. L. Pavlenko, B. M. Pavlov. *Sbor. rab. VTS MGU* 4 261-269 '65.
Transverse impact on a rod of continuous or composite section. I. U. L. Semitskii. *Inzh. zhur.* 5 no. 4 697-704 '65.
- IMPELLERS**
Calculating the left branch of pressure characteristics of the impeller of an axial-flow compressor. N. V. Balan, V. N. Mashov. *Izv. vya. ucheb. zav.; av. tekhn.* 7 no. 3 71-75 '65.
- INCENTIVES IN INDUSTRY**
(see also subdivision under Ukraine)
Current problems of material incentives. G. Anisimov, P. Veselkov. *Vop. ekon.* no. 9 147-151. S '65.
On the system of indices and material incentives for using capital assets in construction. I. P. Pavlova. *Vest. LGU* 20 no. 17 39-49 '65.
Otsagon, R. A. [Business accounting incentives for using capital assets]. Kozraschetnye stimuly ispol'zovaniia osnovnykh fondov. Moskva, Ekonomika, 1965. 111 p.
Profit and incentive funds. L. Fonarev. *Sov. ter.* 30 no. 9 13-16. S '65.
- INCOME** see subdivision under France
- INDEXES, CARD** see Card system in business
- INDIA—ECONOMIC POLICY**
Economic revolution. Ashoka Mekhta. *Az. i Afr. seg.* 6 no. 8 32-39. Ag '65.
- INDIA—FOREIGN RELATIONS—PAKISTAN**
From the early history of the India-Pakistan conflict. I. Andronov. *Nov. vsem.* 23 no. 41 16-18. O '65.
- INDIA—HYDROELECTRIC POWER STATIONS**
Neporozhni, P. S. [Power engineering and construction of power systems in India]. Energetika i energeticheskoe stroitel'stvo Indii. Moskva, Energiia, 1965. 108 p.
- INDIA—LAWYERS**
Guests from India. *Biul. Varkh. Suda* no. 4 36-37 '65.

INDUSTRIAL MANAGEMENT (Continued)

Specialization of production and the improvement of the efficiency of work. A. Dovba. Sots. trud. 10 no. 9:8-15 S '65.

Structure of the expenditure of time as an important criterion for the level of labor and production organization. V. Zamb. Sots. trud. 10 no. 8:32-35 S '65.

The technical, industrial, and financial plan, its organization, method, and indices. A. Sobchinskii. Plan. khoz. 12 no. 9:43-47 S '65.

There is a need for an orderly system of introduction of scientific labor organization. I. Diadyk. Sots. trud. 10 no. 9:3-7 S '65.

INDUSTRIAL MANAGEMENT—CONGRESSES

Scientific labor organization is a vital problem of today. Sots. trud. 10 no. 9:31-39 S '65.

INDUSTRIAL MANAGEMENT—RESEARCH

Problems of improving the level of economic work in an enterprise. B. Zakharov. Plan. khoz. 42 no. 10:35-41 O '65.

INDUSTRIAL MANAGEMENT—STATISTICS

Fall in line with the thrifty; facts and figures. Agitator. 33 no. 18:48-49 S '65.

INDUSTRIAL MANAGEMENT—STUDY AND TEACHING

Scientific organization of work. I. N. Nekhtman. Shkola i proizv. 9 no. 9:87-88 S '65.

INDUSTRIAL MEDICINE see Medicine, Industrial

INDUSTRIAL ORGANIZATION

Determining the effectiveness of reorganization and enlargement of enterprises. U. B. Baimuratov. Vest. AN Kazakh SSR. 21 no. 9:27-34 S '65.

Drozhzhinskii, N. E. [Organization of industrial management and planning at the present-day stage] Organizatsiya upravleniya promyshlennosti i i planirovaniya na sovremennom etape. Moskva, Ekonomika, 1965. 150 p.

Economic efficiency of the concentration of production in industry. L. Berri, I. Shilin. Vop. ekon. no. 9:3-15 S '65.

Efficiency of the creation of agricultural-and-industrial production combines in sugar beet growing areas. V. R. Belen'kii. Sakh. prom. 39 no. 9:31-35 S '65.

Methodical and methodological bases of regrouping the branches of the U.S.S.R. economy according to the classification of the Central Statistical Administration of the U.S.S.R. in the comparative analysis of the use of labor resources in the U.S.S.R. and the U.S.A. I. V. Bushmarin. Och. po sovr. soy. i zarub. ekon. no. 4:240-260 '65.

Production combines of the bakeries of the Moscow Province. N. S. Tul'skaya, A. I. Lednev. Khleb, i kond. prom. 9 no. 9:22-27 S '65.

Role of economic factors in the development and distribution of food industry branches. V. M. Lyspe'nyi. Khm. prom. no. 3:62-66 Ji-S '65.

Work practices of the "Rigas Aprehs" Production Combine in Riga. I. A. I. A. Latsis, I. A. Vasil'ev. Shvein. prom. no. 4:12-17 Ji-Ag '65.

INDUSTRIAL PAINTING see Painting, Industrial

INDUSTRIAL PLANTS see subdivision under Dnepropetrovsk

INDUSTRIAL PLANTS—DESIGN AND CONSTRUCTION see subdivision under Donetsk Province; Kazakhstan

INDUSTRIAL PLANTS—EQUIPMENT AND SUPPLIES

Chair for a machine operator. S. Kurilo. Sots. trud. 10 no. 8:78-79 S '65.

INDUSTRIAL PROCUREMENT see subdivision under Kazakhstan; Virgin Territory

INDUSTRIAL PROMOTION

Conference of the editorial board on industry. Mekh. i avtom. proizv. 19 no. 9:52-53 S '65.

INDUSTRIAL PROPERTY

Adherence of the U.S.S.R. to the Paris Convention for the Protection of Industrial Property and the tasks of information organs. V. A. Dozor'tsev. NTI no. 8:10-23 S '65.

INDUSTRIAL RAILROADS see Railroads, Industrial

INDUSTRIAL RELATIONS

The "humane relations" system and paternalism are two monopoly tactics in the labor movement. Vest. LGU. 20 no. 17:18-28 S '65.

Industrial relations and industrial management. A. A. Godunov. Vest. LGU. 20 no. 17:28-38 S '65.

INDUSTRIAL SAFETY

Pryvovarov, L. O., and L. P. Hryn'. [Fundamentals of safety engineering] Osnovy tekhniki bezpeky. Kyiv, Radians'ka shkola, 1965. 127 p.

INDUSTRIAL STATISTICS

Islamov, S. U. [Statistical study of the economic efficiency of new equipment in industry] Statisticheskoe izucheniye ekonomicheskoy effektivnosti novoy tekhniki v promyshlennosti. Moskva, Statistika, 1965. 73 p.

Use of the interbranch balance for determining total labor expenditure in production. D. I. A. Komarova. Och. po sovr. soy. i zarub. ekon. no. 4:8-31 S '65.

INDUSTRIAL TELEVISION

Television systems for examining pipes with a variable cross section. I. N. Pustynskii and others. Tefh. kino i telev. 6 no. 8:57-59 Ag '65.

INDUSTRIAL TOURS

Practices in organizing visits of mixed crews for the purpose of exchanging advanced methods. A. A. Ravina. NTI no. 6:12 S '65.

Tours for the exchange of production experience are the most effective sources of technical information. I. I. Koisumskii. NTI no. 8:21 S '65.

INDUSTRIAL WASTES

Furnace systems for the burning of toxic industrial wastes. M. V. Lykov, A. A. Iasinovskii. Khim. prom. 42 no. 9:682-686 S '65.

INDUSTRIAL WASTES—AERATION

Removal of synthetic surface-active agents from the waste water in aeration tanks. N. A. Lukinykh and others. Vod. i san. tekhn. no. 9:5-8 S '65.

INDUSTRIAL WASTES—ANALYSIS

Polarographic determination of aluminum in waste waters. M. M. Buzianova, N. A. Kurochkin. Zav. lab. 31 no. 9:947 S '65.

INDUSTRIAL WASTES—PURIFICATION

(see subdivision under Kiev)

New design of the equipment for biochemical purification of waste waters. S. V. Iakovlev, I. U. M. Laskov, I. U. Voronov. Vod. i san. tekhn. no. 9:4-5 S '65.

Purification of the waste water of phosphorus plants. I. I. Ablichenkov, T. A. Gracheva, M. I. Mitka. Vod. i san. tekhn. no. 9:1-3 S '65.

INDUSTRIES, LOCATION OF

Overall distribution of industrial enterprises. A. Demchenko. Prom. st. i. inzh. soor. 7 no. 4:20-30 Ji-Ag '65.

Russia (1923- U.S.S.R.) Sovet po izucheniyu proizvoditelnykh sil. [Research methods on the distribution of industry] Voprosy metodiki issledovaniya razmeshcheniya proizvodstva. Moskva, Nauka, 1965. 168 p.

INEQUALITIES (MATHEMATICS)

An exact inequality for the continuity modulus of a class of quasi-smooth functions. A. F. Timan. Uch. zap. Kaz. un. 124 no. 6:296-298 S '64.

Inequalities between the norms of partial derivatives of functions of several variables. V. P. Il'in. Trudy Mat. inst. 84:144-173 S '65.

Inequalities with convex functions. E. K. Bodunova. Izv. vys. ucheb. zav. i mat. no. 4:15-53 S '65.

An inequality in the theory of plastic flow. M. A. Solomoshuk. Vest. Mosk. un. Ser. I: Mat., mekh. 20 no. 3:70-76 My-Je '65.

Integral inequalities for a system of Volterra equations whose right member represents a discontinuous operator. Li. Mun. Su. Dif. urav. 1 no. 8:1027-1041 Ag '65.

Some remarks on differential inequalities. A. I. Perov. Izv. vys. ucheb. zav. i mat. no. 4:101-112 S '65.

Theorem on integral inequalities for a discontinuous Uryson operator. A. B. Samarov. Uch. zap. Kaz. un. 124 no. 6:278-283 S '61.

INERTIAL NAVIGATION (AERONAUTICS)

Designing an inertial navigation system. N. I. A. Vovchenko. Trudy MAI no. 161:76-85 S '65.

INFANTS—DISEASES

Biological properties of staphylococci isolated in intestinal infections in young children. L. M. Zakorian. Zhur. mikrobiol., epid. i immu. 42 no. 8:74-79 Ag '65.

Colibacillosis in very young children. E. V. Belogorskaya. Nauch. i udy. Kaz. gos. med. inst. 14:369-370 '64.

Kasabach-Merrill syndrome in a 2-month-old infant. S. V. Levitskaya, E. B. Kats. Trudy TSU. 70:63-67 S '65.

Non-specific or immunological reactions in infants with pneumonia. I. M. Raskhildez. Soob. AN Gruz. SSR. 30 no. 2:497-502 My '65.

Significance of clinical and serological indices for the diagnosis of adenovirus diseases in young children. N. L. Trivus. Trudy TSU. 70:3-7 S '65.

State of antitoxic immunity in young children during staphylococcal infection. Z. I. Vikhrova. Trudy TSU. 70:18-24 S '65.

INFANTS (NEWBORN)

Dynamics of the changes of total protein and protein fractions in children during the period of infancy. M. G. V'inskaya. Nauch. i udy. Kaz. gos. med. inst. 14:403-404 S '64.

INFANTS (NEWBORN)—DISEASES

Dacryocystitis in newborn infants and its causes, diagnosis, and treatment. I. B. Bugaeva. Soob. nauch. trud. SOGMI no. 14:143-147 S '63.

Significance of fractional determination of bilirubin in newborn infants. K. F. Iuzhakova. Trudy ISU. 18:1-44 S '65.

Treatment and late results of suppurative diseases in newborn infants. L. V. Avalland and others. Soob. AN Gruz. SSR. 30 no. 2:491-496 My '65.

INFECTIOUS HEPATITIS see Hepatitis, Infectious

INFINITE

Infinity in modern cosmology. V. V. Kozlinskii. Priroda. 51 no. 9:72-74 S '65.

INFLAMMABILITY

Studying the inflammability of lead and zinc sulfates. V. N. Karakov, V. I. Smirnov. Izv. vys. ucheb. zav. i svet. met. 0 no. 4:62-67 S '65.

INFLAMMATION

Factor of capillary permeability in rheumatic fever and experimental allergic inflammation. I. B. Tikhomirov. Pat. fiziol. i eksp. terap. 0 no. 4:97-88 Ji-Ag '65.

Podil'shak, M. D. [Chronic inflammation and the growth of tumors] Khronicheskoe vospalenie i opukholyevi rost. Kiev, Zdorov'ia, 1965. 176 p. (Biblioteka prakticheskogo vracha) (DNLM)

Reactivity of decontaminated animals. S. A. Chesnokova. Trudy Un. dzh. nat. 7. Vop. med. no. 1:105-114 S '64.

Viprakhnum. Nov. lek. sred. no. 7:3-21 S '65.

INFLUENCE OF ALTITUDE see Altitude, Influence of

INFLUENZA

Dynamics of the coefficient of incomplete oxidation of urine, function of external respiration and nasal metabolism in influenza. V. I. A. Davydov. Nauch. i udy. Kaz. gos. med. inst. 14:400-411 S '64.

Maksimovich, N. A., N. E. Botman, and V. P. Emakina. [Pathomorphological changes in influenza and cytologic diagnosis] Patomorfologicheskie izmeneniya pri gripe i tsitologicheskaya diagnostika. Kiev, Zdorov'ia, 1965. 101 p. (DNLM)

Methodology for rhinocystodiagnostics of influenza. G. T. Pavlovskii, A. E. Gochakovskaya. Sov. med. 28 no. 6:60-63 S '65.

INFLUENZA—COMPLICATIONS AND SEQUELAE

Changes in the nervous system and working capacity of patients following influenza. V. N. Shcherbakova. Sov. med. 28 no. 6:63-66 S '65.

Evaluation and utilization of data from experimental psychological studies on patients with schizophrenia following influenza. E. L. Maksimova. Trudy Gos. nauch.-issl. inst. psikh. 43:140-160 S '65.

INFLUENZA VIRUSES

One method of studying the initial stage of the formation of the influenza virus in the cell. N. B. Akhmatullina, Kh. Zh. Zhumalov. Vest. AN Kazakh SSR. 21 no. 6:74-78 S '65.

Reactivation of influenza virus from neutral complex with immune serum. M. Kh. Sotatov, Kh. Zh. Zhumalov. Izv. AN Kazakh. SSR Ser. biol. nauk. 3 no. 3:17-53 My-Je '65.

INFLUENZA VIRUSES—CULTURES AND CULTURE MEDIA

Cytochemical study of proteins in tissue cultures under normal conditions and under the influence of influenza and poliomyelitis viruses. L. P. Izakova. Tsitologiya. 6 no. 3:337-342 My-Je '64.

INFORMATION DISPLAY SYSTEMS

Statistical representation of mass information in control and regulating centers. O. P. Dyasa, P. E. Temnikov. Trudy MEI no. 52:205-213 S '63.

INFORMATION SERVICES

(see also subdivision under Caucasus; Northern Georgia; Latvia; Odessa; Oka Economic region; West Siberian Economic region)

Improving the qualifications of workers in regional information organs. A. L. Shalyt. NTI no. 7:7 S '65.

Participation of a scientific, technical, and economic information department in subject planning of the work of a research institute. O. T. Buryli-Shmaliyan. NTI no. 8:8-10 S '65.

INFORMATION STORAGE AND RETRIEVAL SYSTEMS

Linear models of information chains. N. M. Sagalovich. NTI no. 7:10-24 S '65.

INFORMATION STORAGE AND RETRIEVAL SYSTEMS—SCIENCE

Mikhailov, A. I., A. I. Chernyi, and R. S. Giliarovskii. [Principles of scientific information] Osnovy nauchnoi informatsii. Moskva, Nauka, 1965 654 p.

INFORMATION THEORY

Comparison of the spectra of oscillations keyed according to phase or amplitude. N. T. Petrovich, M. K. Razumashin. Radiotekhnika 20 no. 9-16 '65.
Conversion of a fluctuating signal by a mixer in presence of a noise reference voltage. V. I. Vinokurov. Izv. LETI no. 52:171-90 '64.

Dispersion of the error of a discrete linear system with a random amplification coefficient. I. N. Amintov, V. V. Grudzev. Radiotekhnika 10 no. 6:123-167 '65.

Effect of the quantum nature of matter on the transmission of information. T. D. Lbratidze. Soob. AN Gruz. SSR no. 2:281-287 My '65.

Kharkevich, A. A. [Interference suppression] Bor'ba s pomekhami. L'd 2., Izpr. Moskva, Nauka, 1965. 274 p.

Measurement of the probability density of a random signal using a photoelectric multiplier. V. I. Makaveev, A. A. Mokeeva. Izv. LETI no. 52:171-177 '64.

Resolution of two signals. L. V. Filasov. Radiotekhnika 10 no. 6:165-162 S '65.

Use of quasilinear components for correlation measurements. A. N. Domratskii. Avtomatika no. 1:61-98 '65.

INFORMATION THEORY IN BIOLOGY

Living organisms and the antitropic effect of information. A. I. Bykhovskii. Vop. filoz. 10 no. 9:118-123 '65.

Some problems of the quantum biology and problems of the communication of information in biological systems. V. P. Kaznacheev and others. Avtomatika no. 2:5-10 '65.

INFORMATION THEORY IN MANAGEMENT

Classification of information in economics. E. Z. Myminas. Ekono. i nat. metod. 1 no. 4:481-501 Ji-Ag '65.
Spatial and complex adaptations. F. E. Temnikov. Trudy MEI no. 52:17-30 '63.

Statistical representation of mass information in control and regulating centers. O. F. Dyasa, F. L. Temnikov. Trudy MEI no. 52:205-213 '63.

Structure of information networks. F. E. Temnikov, Chin Tsun'g-shan, [Ch'in Chin-shung]. Trudy MEI no. 52:69-80 '63.

INFORMATION THEORY IN PHYSICS

Determining the density of the intermediate layer using the methods of information theory and mathematical statistics. V. M. Beizerkin, N. U. Nefedova. Razved. geofiz. no. 5:39-46 '65.

INFORMATION THEORY IN PHYSIOLOGY

Addition of some concepts of information theory to the analysis of physiological data obtained during space flight. A. D. Igorov. Probl. kosm. biol. 1:206-216 '65.

INFORMATION THEORY IN SOCIOLOGY

Cybernetic methods in sociology. IU. Levada. Kommunist 42 no. 14:43-53 S '65.

INFRARED DRYING APPARATUS

Temperature regimes and spectral characteristics of infrared gas burners. A. M. Levin and others. Izpol. gaz. v nar. khoz. no. 2:63-70 '63.

INFRARED HEATING

Using infrared gas burners in poultry farming. V. K. Muizin. Gaz. prom. 10 no. 8:22-25 '65.

INFRARED RAYS

Design of infrared irradiator systems using N. N. Ermolinskii's method. I. B. Levitin. Svetotekhnika 11 no. 8:1-7 Ag '65.

Distribution of the long-wave balance of the atmosphere over the earth. L. N. D'achenkov, K. I. A. Kondrat'ev. Trudy GGO no. 170:192-201 '65.

Methods for transforming infrared images to video images. IU. S. Cherniaev. Izv. LETI no. 52:115-110 '64.

Possibilities of the meteorological interpretation of long-wave radiation. IU. V. Kurlova. Trudy MMTS no. 8:76-88 '65.

Use of infrared rays in stereoscopic microscopy. G. S. Pervomaiskii, I. A. M. Varanovskii, V. P. Shcherbina. Zool. zhur. 44 no. 7:1075-1078 '65.

Vertical distribution of a rising long-wave stream in the lower half-kilometer layer of the atmosphere. E. P. Beraashkova. Trudy GGO no. 170:177-180 '65.

Vertical distribution of long-wave streams of radiation in the surface layer. E. P. Beraashkova. Trudy GGO no. 170:170-176 '65.

INFRARED SPECTROMETRY

Studying soil particles below 0.01 mm by the methods of thermography and infrared spectroscopy. B. A. Dospakhov, A. A. Salmukhametova. Izv. TSKHA no. 2:156-164 '65.

INFRARED SPECTRUM see Spectrum, Infrared

INFUSORIA

Fat and glycogen in the life cycle of the infusorian Thima magna Grubea. M. A. Fienkel'. Vest. LGU 20 no. 15:66-66 '65.

INHIBITION

Effect of experimental hypercholesterolemia and a partial dephosphorylation in frogs on the phenomenon of Sechenov's inhibition. D. I. Malkina, N. K. Raimova. Nauch. trudy Kaz. gos. med. inst. 14:221-222 '64.

INHIBITION (CHEMISTRY)

Character of the dependence of the activation energy of inhibitor adsorption and metal ionization on the degree of surface coverage. A. T. Shkharov, I. A. M. Kolotyrlin. Zashch. met. 1 no. 5:585-587 S-O '65.

Effect of inhibitor I on stabilization of tyrosin and on the dependence of its activity on pH. A. A. Antonian, Ukr. biokhim. zhur. 37 no. 4:193-599 '65.

Electrolytic oxidation of organic substances on a platinum electrode. Report 1. General aspect of potentiostatic curves and the nature of inhibition of electrochemical oxidation processes. O. A. Khazova, IU. B. Vasil'ev, V. S. Bagotskii. Izv. AN SSSR. Ser. khim. no. 9:1531-1538 '65.

Mechanism of the liquid-phase oxidation of cumene studied by the inhibition method. Part I. Chain initiation. V. L. Antonovskii and others. Kinet. i Kat. 6 no. 1:697-710 Ji-Ag '65.

Selecting inhibitors for protecting metals from hydrochloric acid corrosion. I. N. Putilova, D. N. Chialova. Gaz. delo no. 9:21-21 '65.

Self-inhibiting effect of ammonia on its synthesis under high pressure. Z. I. Verzhilina, S. S. Lachinov. Kinet. i Kat. 6 no. 4:749-750 Ji-Ag '65.

INJECTIONS, INTRAVENOUS

Corticoadrenal system of the adrenal glands and the action of hydrogen sulfide bathes. S. I. A. Kaplun. Vop. kur., fizioter. i lech. fiz. kul't. 29 no. 4:303-307 Ji-Ag '64.

INJURIES FROM ELECTRICITY see Electricity, Injuries from

INJURIOUS AND BENEFICIAL BIRDS see Birds, Injurious and beneficial

INJURIOUS AND BENEFICIAL INSECTS see Insects, Injurious and beneficial

INLAND NAVIGATION

Automation of navigation in river transportation. G. Plotko. Rech. transp. 24 no. 6:46-48 '65.

Determining the permissible speeds of vessels in canals. A. Gokhshtetn, D. Zernov. Rech. transp. 24 no. 6:41-43 '65.

Naumov, A. I., and N. M. Reuski. [Manual for wheelmen and engineers of the river and lake fleet] Posobie rulevomu-motorsistu rezhago i ozerogo flota. Moskva, Transport, 1965. 282 p.

Orientation method for ships sailing on rivers with steep and precipitous banks. K. Denisov. Rech. transp. 24 no. 6:52-53 '65.

Storozhev, N. F. [Maneuverability of river vessels and tugs] 'Upustvennost' i tekhnyk sudov i sostavov. Moskva, Transport, 1965. 145 p.

INLAND NAVIGATION—LAWS AND REGULATIONS see sub-division under France

INLAND WATER TRANSPORTATION

(see also sub-division under Germany, West; Karelia; Moscow region; Northwest Economic region; Russia, Northwestern; Tyumen' Province; United States)

Achieve maximum development of combined waterway and railroad transportation. N. Makhotkin. Rech. transp. 21 no. 6:9-10 Ag '62.

Develop combined waterway and railroad transportation. L. N. Ichev. Rech. transp. 24 no. 5:20-22 '65.

The great victory. Rech. transp. 24 no. 5:1-3 '65.

In the Board of the Ministry of the River Fleet. Rech. transp. 21 no. 6:48 Ag '62.

Organize timely transportation of the new grain crop. Rech. transp. 24 no. 3:1 '65.

Outlook for the technical progress of river transportation. Rech. transp. 24 no. 3:2-4 '65.

Realization of the shipping plan in July 1962. Rech. transp. 21 no. 6:3 Ag '62.

The small rivers in the service of the seven-year plan. K. Emel'yanov. Rech. transp. 21 no. 6:13-14 Ag '62.

Ways of developing new lines for the movement of goods in combined waterway and railroad transportation. A. Glezler. Rech. transp. 24 no. 6:20-22 '65.

INLAND WATER TRANSPORTATION—COSTS

Use of correlation methods in the analysis of production costs; as exemplified by river transportation. N. A. Bal'nikova. Vest. LGU 20 no. 17:146-148 '65.

INLAND WATER TRANSPORTATION—EXHIBITIONS

Branches of the Central House of Technology of the Ministry of the River Fleet. A. I. Ipat'kov. Rech. transp. 21 no. 6:46-47 Ag '62.

Floating exhibition of the river fleet. B. Nikitenko. Rech. transp. 24 no. 5:135 '65.

INLAND WATER TRANSPORTATION—LABOR PRODUCTIVITY

The shipmaster can raise the operational level of the fleet. N. Gori'kov, I. Shchepetov. Rech. transp. 21 no. 6:4-7 Ag '62.

INLAND WATER TRANSPORTATION—MANAGEMENT

Improve the organization of the movement of goods. A. Vakhutov, M. Maksimovskii. Rech. transp. 24 no. 5:16-18 '65.

Planning and evaluating the operation of transport ships. A. Barakin, V. Novikov. Rech. transp. 24 no. 5:22-24 '65.

INLAND WATER TRANSPORTATION—STATIONS

Problems in designing river stations. I. Burav. Rech. transp. 21 no. 6:31-35 Ag '62.

INLAND WATER TRANSPORTATION—TECHNOLOGICAL INNOVATIONS

All-Union volunteer inspection. S. Kamenakii. Rech. transp. 24 no. 5:51 '65.

Contribution of the scientists of the Institute to river transportation. B. Ale'ev. Rech. transp. 21 no. 8:5-6 '65.

On a voluntary basis. S. Kamenakii. Rech. transp. 21 no. 6:19-20 Ag '62.

INLAND WATER TRANSPORTATION—TICKETS

Automating the selling of tickets. A. Kletmenov. Rech. transp. 24 no. 5:27-28 '65.

INOCERAMUS see sub-division under Pacific Area

INORGANIC ACIDS see Acids, Inorganic

INSANE, CRIMINAL AND DANGEROUS

Altering measures of a medical nature ordered by the court. A. Khomovskii. Sov. iust. 20 no. 17:8-10 S '65.

INSANITY—JURISPRUDENCE

Problems of jurisprudence and psychiatry. A. A. Khomovskii. Sov. gos. i pravo 35 no. 9:135-136 S '65.

INSANITY, HYSTERICAL

Relation of some characteristics of the dynamics of psychopathoses of the unstable type to the situation. B. V. Shostakovych. Prikl. obshch. i med. psikh. no. 14:149-158 '63.

INSCRIPTIONS, CARIAN

Shevovskii, V. V. [Studies on the deciphering of the Carian inscriptions] Issledovanie po dechifrovke karii-skikh nadpisoi. Moskva, Nauka, 1965. 358 p.

INSCRIPTIONS, CHINESE see sub-division under Mongolia

INSCRIPTIONS, TURKIC

(see also sub-division under Tuva A. S. S. R.)
Chokan and ancient inscriptions (monuments). G. Aldarov. Izv. AN Kazakh. SSR. Ser. obshchestv. nauk 3 no. 3:47-51 My-Je '65.

INSECT BAITS AND REPELLENTS

Comparative testing of repellents against houseflies and black flies by olfactometry and with traps. A. A. Potapov, V. V. Vladimirova. Izv. SO AN SSSR no. 6. Ser. biol.-med. nauk no. 2:80-104 '65.

Methodology of studying attractants. V. D. Poleshchuk and others. Zhur. mikrobiol., epid. i immun. 42 no. 8:16-22 Ag '65.

INSECT SOCIETIES

Functions of intercommunication in the honeybee Apis mellifera L. (Hymenoptera, Apidae). K. P. Iatomin. Svetkovn. Ent. obozr. 44 no. 3:563-572 '65.

INSECT TRAPS

Characteristics of the flight of the firefly Lampyris noctiluca L. (Coleoptera, Cantharididae) to the light of a quartz mercury lamp. N. G. Kolonitskii, I. A. Ter-akov. Izv. SO AN SSSR no. 6. Ser. biol.-med. nauk no. 2:165-166 '65.

Comparative testing of repellents against houseflies and black flies by olfactometry and with traps. A. A. Potapov, V. V. Vladimirova. Izv. SO AN SSSR no. 6. Ser. biol.-med. nauk no. 2:80-104 '65.

INSECTICIDES

(see also sub-division under Armenia)

Calculation of the distribution of dose power in a grain sterilizer and determination of its basic parameters by continuous disinfection method. S. V. Andreev, B. K. Martens. Radiobiologiya 5 no. 4:605-611 '65.

Sayfas and rogor as effective preparations against the tea aphid (Toxoptera aurantii). V. S. Dzhaishi, V. V. Dzhaishi. Subtrop. kul't. no. 1:17-22 '65.

INSECTICIDES (Continued)

Sensitivity to chlorophos, trichloromethaphos, DDT, hexachlorocyclopentene and polychloroprene in housefly populations following the use of these insecticides for several years. M. N. Sukhova and others. Zhur. mikrobiol., epid. i immunit. 42 no. 8:7-14 Ag '65.

Strategy of plant pest control by chemicals. P. V. Sezonov, B. B. Kobrin. Trudy VIZR no. 17:21-48 '63.

INSECTICIDES—EFFECT ON PLANTS see Plants, Effect of insecticides on

INSECTS—CLASSIFICATION

Materials on morphological and ecological classification of the larvae of dragonflies (Odonata). L. N. Pritykina. Ent. obozr. 44 no. 3:503-510 '65.

INSECTS—DEVELOPMENT

Change in the functional and structural characteristics of the wing muscles of the house cricket *Acheta domestica* L. in ontogeny. I. V. Chudakova, O. M. Bocharova-Messner. Dokl. AN SSSR 161 no. 2:460-472 S '65.

Development of the gipsy moth (*Ctenia dispar* L.) feeding on acorns under laboratory conditions. A. Z. Zlotin, M. A. Lyamareva, A. G. Irem'. Zhur. zhur. 41 no. 7:1095-1100 '65.

Some aspects of the interrelationship between morphogenesis and growth in the evolution of ontogeny of insects. A. P. Rasnitsyn. Ent. obozr. 44 no. 3:476-485 '65.

INSECTS—EGGS

Variability of the cocoons of the chick coccidium *Eimeria necatrix* and factors determining it. Z. M. Kogan. Zool. zhur. 41 no. 7:986-996 '65.

INSECTS, INJURIOUS AND BENEFICIAL

Moscow. Pribluchnaya biblioteka. [Advice on how to cope with insects harmful to books under library conditions]. Kak borot'sya s vrednymi dlya knig nasekomyimi v ustovlakh bibliotek, konsultatsii. Moskva, 1963. 15 p. [MICROFILM]

INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL

Biological method of plant protection. V. S. Shchepetil'nikova. Trudy VIZR no. 17:162-185 '63.

Possibility of the use of electrostatic accelerators of charged particles for the sterilization of granary pests. S. V. Andreev. Dokl. Vses. sel'khoz. nauk no. 8:12-15 Ag '65.

Some results and problems of research conducted at the Microbiological Control Laboratory of the All-Union Institute of Plant Protection. N. S. Fedorinichik. Trudy VIZR no. 17:138-161 '63.

INSECTS, INJURIOUS AND BENEFICIAL—CONTROL

Controlling warble flies and bloodsucking insects infesting reindeer. I. Tarasenkova. Veterinariia 42 no. 7:54-55 Ji '65.

Protecting animals from bloodsucking insects. V. I. Bukshynov. Veterinariia 42 no. 7:93-95 Ji '65.

INSECTS, SOUND PRODUCTION BY

see Sound production by animals

INSTRUMENT INDUSTRY

(see also subdivision under Estonia)

Gavrilov, A. N., ed. [Instrument manufacture and means for automatic control, handbook in five volumes]. Priborostroenie i sredstva avtomatiki; spravochnik v piati tomakh. Moskva, Mashinostroenie. Vol. 5. [Economics and organization of instrument manufacture]. Ekonomika i organizatsiya priborostroitel'nogo proizvodstva. Pod red. N. I. Poliakova, S. S. Brudnika. 1965. 512 p.

INSTRUMENT MANUFACTURE

The first Leningrad conference on the problems of engineering psychology in the manufacture of instruments. S. M. Kessel'man, Izv. tekhn. no. 8:51-52 Ag '65.

Resolution of the 8th Technological Conference on Geophysical and Hydrometeorological Instrument Manufacture. Geofiz. prib. no. 20:3-7 '64.

INSTRUMENTS

In the State Committee on instrument manufacture, means and systems of automatic control. Mekh. i avtom. proizv. 19 no. 8:54 Ag '65.

In the State Committee on the manufacture of instruments, means and systems of automatic control. Mekh. i avtom. proizv. 18 no. 7:55 Ji '65.

In the State Committee on the manufacture of instruments, means and systems of automatic control. Mekh. i avtom. proizv. 18 no. 8:50 S '65.

Polkin, I. A. D. [Technical and economic efficiency of measuring and regulating devices]. Tekhniko-ekonomicheskaia effektivnost' izmeritel'nykh i reguliruyemykh ustroystv. Kiev, Tekhnika, 1965. 201 p.

Standard system of pickups of heat-engineering parameter with a power compensation included in the State System of Instruments. Mekh. i avtom. proizv. 10 no. 8:37-42 Ag '65.

INSTRUMENTS—TECHNOLOGICAL INNOVATIONS

New developments in instrument manufacture. Mekh. i avtom. proizv. 19 no. 8:32-36 Ag '65.

INSULATED ELECTRIC WIRE

see Electric wire, Insulated

INSULATING MATERIALS

Determining the coefficient of heat conduction of highly effective low-temperature insulating materials with the method of a flat bicolorimeter. A. G. Shifelin'ba. Trudy VNIIMASH no. 10:115-121 '65.

Foam concrete and mineral cork insulation shields for refrigerators. B. V. Lifanov, A. M. Khelemeski. Khol. tekhn. 42 no. 1:18-20 Ji-Ag '65.

Latest basic heat and sound insulating materials for subflooring. E. T. Novikova and others. Stroitel. mat. 11 no. 8:17-18 Ag '65.

INSULATION (HEAT)

Determining the length of ribbons insulating the pillars of refrigerated hatches. V. V. Stepanovich. Sudostroenie 30 no. 7:26-27 Ji '64.

Methods and devices for measuring the heat insulating properties of fabrics for clothing. L. I. Tretyakova. Lekh. prom. no. 3:14-18 Ji-S '65.

Preliminary results of the examination of heat insulating qualities of house sections using plastics. G. K. Avdeev. Nauch. trudy AKKH no. 3:119-129 '64.

Studying the properties of shaped porcelain interlining for headgear. I. V. Orlov, A. M. Hrasimova. Lekh. prom. no. 3:10-11 Ji-S '65.

INSULIN

Changes in the morphological composition of the blood under conditions of a deficient insulin supply to the liver. I. A. Pashchevskaya. Pat. fiziol. i eksp. ter. 9 no. 3:45-18 My-Je '65.

Characteristics of the process of attention in schizophrenia in relation to the treatment with insulin and neuroleptics. G. I. Sharashidze. Trudy Gos. nauch.-issl. inst. psikh. 43:110-116 '65.

INSULIN SHOCK

Effect of insulin shock on nucleic acid metabolism in the brain of white rats. H. Kh. Bozhko. Ukr. biokhim. zhur. 37 no. 1:522-528 '65.

INSULIN SHOCK THERAPY

Changes in vegetative functions in schizophrenia patients during the process of treatment with insulin shock combined with aminazine. E. S. Arutunov. Zhur. nevro. i psikh. 65 no. 2:283-287 '65.

Dependence of the effectiveness of the treatment of schizophrenia patients on the duration of insulin coma. I. U. P. Chergashvili. Probl. sud. psikh. no. 13:237-242 '62.

First results of the combined use of lofanil (imizin) and shock doses of insulin for the treatment of schizophrenia with a dysmniophobia syndrome. M. V. Korkina. Probl. sud. psikh. no. 13:229-236 '62.

Insulin activity in the blood plasma during insulin shock therapy in psychoses. A. I. Lichko, F. M. Pilsetskaya, L. G. Leibson. Zhur. nevro. i psikh. 65 no. 2:278-282 '65.

Some results of the use of hexonium in insulin therapy of schizophrenia with prolonged coma. B. M. Kutsenok, V. C. Polpas. Zhur. nevro. i psikh. 65 no. 2:288-290 '65.

INSURANCE, SOCIAL

(see also subdivision under Akhundbaevskiy District; Bashkiriya, Italy; Moscow; Moscow Province; Moscow region; Odintsovo District, Tyumen' Province)

Let's be more exciting in our work and follow its principles more thoroughly. Sots. obshch. 26 no. 6:2-3 Jo '65.

INSURANCE, SOCIAL—AUDITING AND INSPECTION

see subdivision under Moscow

INSURANCE, SOCIAL—EMPLOYEES

At war and at work. M. Kronov. Sots. obshch. 26 no. 6:4-5 Jo '65.

Progressive workers of the Ministry. Sots. obshch. 26 no. 6:5 S '65.

INTEGRAL EQUATIONS

A class of infinite systems of nonlinear integral equations with a fixed singularity. T. A. Ebnodidze. Soob. AN Gruz. SSR 39 no. 2:267-269 Ag '65.

A general singular equation in an exceptional case. S. G. Samko. Dif. urav. 1 no. 8:1108-1116 Ag '65.

Integral inequalities for a system of Volterra equations whose right member represents a discontinuous operator. Li Mun Su. Dif. urav. 1 no. 8:1027-1041 Ag '65.

New general method for studying linear operator equations of the type of singular integral equations. Part 2. I. B. Simonenko. Izv. AN SSSR, Ser. mat. 20 no. 4:767-782 '65.

Use of the regularization method in solving an incorrect problem. V. A. Morozov. Vest. Mosk. un. Ser. I. Mat., mekh. 20 no. 1:13-21 Ji-Ag '65.

INTEGRAL EQUATIONS—BOUNDARY VALUE PROBLEMS

Use of the theory of boundary value problems and singular integral equations in the theory of automatic control. V. V. Ivanov. Dif. urav. 1 no. 8:1099-1107 Ag '65.

INTEGRALS

Integrals from Bessel functions. V. A. Dzhabanlian. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 18 no. 4:3-20 '65.

A sequence of continuous integrals. V. I. Lashchkin. Izv. vys. ucheb. zav., mat. no. 4:81-90 '65.

Riesz's theorem for multiple singular integrals. A. G. Dzhravashvili. Soob. AN Gruz. SSR 38 no. 2:247-271 My '65.

INTEGRALS, MULTIPLE

General method for calculations with phenomenological amplitudes. V. A. Kolkunov. Izd. fiz. 2 no. 3:565-569 S '65.

INTEGRAL DIFFERENTIAL EQUATIONS

Solvability of integrodifferential equations in generalized functions. F. S. Aliev. Vest. Mosk. un. Ser. I. Mat., mekh. 20 no. 3:37-43 My-Je '65.

INTELLECTUALS

Russian-French revolutionary contacts in the early 1830's. O. V. Orlik. Nov. i noveish. ist. no. 6:39-47 '65.

INTELLIGENCE SERVICE see subdivision under Vietnam, South

INTERCONNECTED ELECTRIC UTILITY SYSTEMS

Features of using automatic frequency control in unified electric power systems. I. A. Lytchev, I. U. Rudenko, V. N. Iasnikov. Elektr. sta. 46 no. 9:24-30 S '65.

Nonsteady oscillations of generator rotors in complex electrical systems with a synchronization of different generators and power plants. I. U. Rudenko, I. A. Lytchev. Izv. AN Arm. SSR, Ser. tekhn. nauk 18 no. 1:3-9 '65.

INTERFEROMETER

Limitation of the resolving power of radio telescopes and radio interferometers due to the conditions of radio wave propagation in outer space and in the earth's atmosphere. N. L. Kaidanovskii, N. A. Smirnova. Radiotekhn. i elektron. 10 no. 9:1571-1582 S '65.

Radiointerferometer with a large base. L. I. Matveenko, N. S. Kardaev, G. B. Sholomitski. Izv. vys. ucheb. zav., radiofiz. 8 no. 1:651-654 '65.

INTERFEROMETRY

Anomalous dispersion and the hook method of D. S. Rozhkovskii. B. Sh. Pekalukis, V. L. Lashin. Izv. vys. ucheb. zav., fiz. 8 no. 3:171-173 '65.

Use of an interferometer and the microwave cut-off method in studying a plasma. L. O. Bushyn and others. Ukr. fiz. zhur. 10 no. 9:977-981 S '65.

INTERFERON

Purification of interferon by chromatography on Sephadex KM. N. V. Pokidova and others. Antibiotiki 10 no. 6:713-717 Ag '65.

INTERIOR DECORATION

Creative trends in designing the interiors of industrial buildings. V. Blokhin. Arkhitekt. SSR no. 9:16-52 '65.

INTERNAL COMBUSTION ENGINES

Analysis of methods for calculating the adiabatic process of gas mixing using tables and diagrams. E. D. Kalafati. Izv. vys. ucheb. zav., energ. 8 no. 6:52-57 Ag '65.

INTERNAL COMBUSTION ENGINES—FUEL SYSTEMS

Effect of scavenging air on the temperature of engine parts. M. M. Babin, A. K. Kostin. Trudy LPI no. 249:20-34 '65.

INTERNAL COMBUSTION ENGINES—VIBRATION

Damping of resonance torsional vibrations in piston engines. G. I. Bukharina. Trudy LPI no. 249:12-20 '65.

INTERNAL CONVERSION (NUCLEAR PHYSICS)

Correlation of the directions of internal conversion electrons in the Fermi-Sommerfeld-Morse approximation. V. F. Boldyshev. Ukr. fiz. zhur. 10 no. 9:920-937 S '65.

INTERNAL FIXATION IN FRACTURES

Use of a fixating device made from horn in treating pseudarthrosis. I. S. Zhila, O. Top, travmat. i prot. 26 no. 8:80-82 Ag '65.

INTERNAL FRICTION

Effect of plastic deformation on the amplitude dependence of internal friction in iron. G. A. Bercenev, V. I. Serrak. Fiz. met. i metalloved. 20 no. 2:317-318 Ag '65.

Effect of tempering on the amplitude dependence of internal friction in manganite. V. I. Serrak, S. G. Suvorova. Fiz. met. i metalloved. 20 no. 2:318-319 Ag '65.

INTERNAL FRICTION (Continued)

Nature of internal friction peaks in interstitial solid solutions with face-centered cubic lattice. V. D. Ver-nier. *Fiz.tver tel* 7 no 8 2318-2326 Ag '65

THE INTERNATIONAL--BIBLIOGRAPHY see Bibliography--The International

INTERNATIONAL AGENCIES

Juridical personality of international organizations. S. A. Malinin. *Vest. LGU* 20 no 17 105-117 '65.

INTERNATIONAL COOPERATION

Ideology and international cooperation of states with antagonistic social systems. R. L. Bobrov. *Vest. LGU* 20 no 17-17-101 '65.

INTERNATIONAL ECONOMIC RELATIONS

Two trends in world trade. P. Ignatiev. *Nov.vrem* 23 no 10 7-9 O '65.

INTERNATIONAL LAW--SOURCES

A book entitled "Contemporary international law; collection of documents." M. I. Lazarev. *Sov.gos.i pravo*, 3a no 9 149-150 S '65

INTERNATIONAL RELATIONS

Research on the problems of foreign policy. V. Israelian. *Mezhdunar. znizn* 12 no 10 109-114 O '65.

INTERNATIONAL RIVERS--POLLUTION

Petro S. Stahnov's "Regulation of the purity control of international rivers in international law." O. S. Kolbasov. *Sov.gos.i pravo* 15 no 9 151-152 S '65.

INTERNATIONAL SECURITY see Security, International

INTERNATIONAL STUDENT CONFERENCE

Tied to the Foids. A. Rychkov. *Mol.komm.* no 8: 82-87 '65.

INTERNATIONAL YEARS OF THE QUIET SUN, 1964-1965

Mellorative conditions of irrigated lands in the period of the Quiet Sun, 1964-1965 and urgent tasks for agricultural workers. N. A. Keresnait. *Uzb.geol.zhur* 9 no 4 40-41 '65.

INTERPERSONAL RELATIONS

Dodalev, A. A. [Perception of man by man] *Vospitatie cheloveka chelovekom*. [Leningrad] Izd-vo Leningr. univ., 1965 121 p.

INTERPLANETARY MATTER

Dust matter in the interplanetary and close-to-earth space. L. M. Gladilin. *Kosmos* no 2, 66-65 '65.

INTERPOLATION

Obtaining the curves of electric logging by way of interpolation. M. T. Bondarenko, O. G. Evtyev, N. A. Pot'kov. *Razved.geofiz* no 4 88-93 '65

Two remarks on the improvement of convergence by interpolation. V. I. Kiylov. *Dokl. AN BSSR* 9 no 7, 429-431 JI '65.

INTERSTELLAR GASES see Gases, Interstellar

INTERVERTEBRAL DISK

Spinal traction in the treatment of posterior protrusions of lumbar intervertebral disks. R. L. Dubnov. *Zhur. nevr.i psikh.* 65 no 9 1286-1293 '65.

INTERVERTEBRAL DISK--DISEASES

Disability evaluation in discogenic cervical myelopathy. G. Ya. Lukacher. *Zhur. nevr.i psikh.* 65 no 9 1315-1319 '65

Some changes in the sympathetic nervous system in patients with degenerative lesions of the lumbar intervertebral disks. I. A. K. Ass. *Zhur. nevr.i psikh.* 65 no 9 1294-1300 '65

INTESTINAL AND PARASITIC WORMS see Worms, Intestinal and Parasitic

INTESTINAL FISTULA see Fistula, Intestinal

INTESTINES

Changes in the relation of the length of the body and intestines in the embryonic, pre-fetal and fetal periods in man. E. P. Kolokolova. *Vop.antr.* no 18:109-115 '64.

Participation of the cerebellum in the regulation of intestinal absorption. V. S. Vasylyevskiy. *Fiziol. zhur.* [Ukr.] 10 no 3:334-341 My-Je '64.

INTESTINES--CANCER

Significance of the methodology of X-ray examination in the diagnosis of cancer of the large intestine. R. S. Rubikov. *Vest. rent.i rad.* 40 no 4:42-47 JI-Ag '65.

INTESTINES--DISEASES

Biological properties of ataphylococci isolated in intestinal infections in young children. L. M. Zakarian. *Zhur. mikrobiol., epid.i immun.* 42 no 8:74-79 Ag '65.

Determination of the absorptive capacity of the small intestine in chronic enterocolitis by the method of radioactive tracers. I. P. Dvornikova. *Trudy TSU* 27:108-113 '65.

Enteritis caused by *Clostridium perfringens*. V. I. Loshkov, V. A. Lenkova, M. L. Shvits. *Zhur. mikrobiol., epid.i immun.* 42 no 8:131-135 Ag '65

Some indicators of the functional state of the adrenal cortex in various forms of intestinal infections in very young children. M. M. Agazade. *Azerb.med.zhur* 12 no 6 16-23 Je '65

State of the intestinal flora in patients with intestinal infections. M. M. Mamedova. *Azerb.med.zhur* 12 no 6 60-74 Je '65

Structural shifts of the innervation mechanisms of the liver in intestinal infections in very young children. I. S. Karayev. *Azerb.med.zhur* 42 no 6 36-12 Je '65

INTESTINES--FOREIGN BODIES

Case of intestinal obstruction caused by a small gauze ball. A. A. Ismailov, A. G. Aliev. *Azerb.med.zhur* 42 no 1 65-67 Ap '65.

INTESTINES--INNERVATION

Complication of afferent innervation of the terminal portion of the intestines in vertebrate phylogeny. I. A. Bulagin, K. I. Zorina-Tsitina. *Dokl. AN BSSR* 9 no 7 188-191 JI '65

INTESTINES--MICROBIOLOGY

Changes in the properties of bacteria of the enteric group under the effect of radioactive phosphorus p32. Z. G. Peishina, I. G. Vasil'eva, S. M. Solov'ev. *Zhur. mikrobiol., epid.i immun.* 42 no 8 112-113 Ag '65.

Effect of tetracycline on the glycogen-forming function of the liver and the intestinal microflora in white mice. T. F. Koshtik, A. F. Gushko. *Antibiotiki* 10 no 7 636-640 JI '65

Reduction of microflora in the body resulting from prolonged contact with antibiotics. T. L. Vil'chanskina, G. B. Sheinberg. *Antibiotiki* 10 no 8 755-760 Ag '65.

State of the intestinal flora in patients with intestinal infections. N. M. Mamedova. *Azerb.med.zhur* 42 no 8 60-74 Je '65

Tetracycline medium with urea in an examination for enterobacteria. S. N. Kaganovskaya and others. *Lab. delo* no 8 106-107 '65.

INTESTINES--OBSTRUCTIONS

Dynamics of intestinal obstruction in diseases of the upper urinary tract. Sh. Kh. Huseynova. *Nauch.trudy Kav.gos.med.inst.* 14 355-356 '64.

Functional duodenostasis. L. N. Mushina. *Vest.rent.i rad.* 40 no 4:31-33 JI-Ag '65.

INTESTINES--PARASITES

Material on parasitic zoonosis of the intestines. Dzh. G. Babayev. *Azerb.med.zhur.* 42 no 4 57-64 Ap '65.

INTESTINES--RADIOGRAPHY

Methodology of X-ray examination of the small intestine under conditions of its artificial hypotension. I. U. V. Linaevskii, I. S. Pavlova. *Vest.rent.i rad.* 40 no 4 37-39 JI-Ag '65.

INTESTINES--TRANSPLANTATION

X-ray study of the morphology and function of the gastrointestinal tract following resection of the stomach and its substitution with a section of small or large intestine. I. A. Shekhtor and others. *Vest.rent.i rad.* 40 no 4:24-30 JI-Ag '65.

INTRACRANIAL TUMORS

Epidural intracranial cholesteatomas. I. U. N. Savchenko, A. S. Zinov'ev. *Trudy OMI* no 54:21-25 '64.

INTRAOCULAR PRESSURE

Effect of hypoxemia and hypercapnia on the intraocular pressure and the tone of intraocular vessels. S. I. A. Sazonov. *Fiziol. zhur.* 61 no 9:1057-1065 S '65.

INTRAVENOUS INJECTIONS see Injections, Intravenous

INVARIANTS

Certain invariants of a group of triangular unit matrices in a space adjacent to the space of the Lie algebra. I. A. Zhigulin. *Dokl. AN BSSR* 164 no 1:32-35 Ag '65.

INVENTORIES--VALUATION

Classification of capital assets and the composition of inventory items at metallurgical enterprises. N. L. Mitchev. *Shor.trud.TSNIICHM* no 45:182-190 '65.

Special features of the revaluation of goods and payments to the budget. R. Gubanova. *Fin.BSSR* 38 no 9:78-80 S '65.

INVESTMENTS, FOREIGN

World market of capital. R. Chizhov. *Den.i kred.* 23 no 9:76-85 S '65.

INVESTMENTS, JAPANESE see Subdivision under Latin America

IODIDES

Liquid iodine as a product of anodic oxidation of iodide. A. I. A. Gokhshtein. *Elektrokhimiya* 1 no 8:600-609 Ag '65.

IODINE ISOTOPES--THERAPEUTIC USE

Electrocardiographic data on patients with diffuse toxic goiter during ¹³¹I therapy. I. U. L. Dorozova, G. I. Bogdanovich. *Med.rad* 9 no 11:15-18 N '64.

Functional status of the principal digestive glands in patients with thyrotoxicosis during ¹³¹I therapy. V. V. Trusov and others. *Med.rad* 9 no 11 7-15 N '61

¹³¹I radiotherapy following surgical treatment of thyrotoxicosis. V. V. Demidas, T. V. Voronenko. *Med.rad* 10 no 7:41-46 JI '65.

¹³¹I treatment in grave coronary, cardiac and pneumo-cardiac insufficiency. I. T. Kalluzhnyi. *Med.rad.* 10 no 7:45-52 JI '65.

IOFIS, EVSEI ABRAMOVICH, 1905-

Sixtieth anniversary of I. A. Iofis. Tekh.kino i telev. 9 no 8:90 Ag '65.

ION BEAMS

Increasing the pulse duration of particle beams from a 600 Mev. OIAT synchrocyclotron. V. I. Prillor and others. *Atom.energ* 19 no 3 289-292 S '65.

ION EXCHANGE

Contribution to the theory of sorption dynamics under conditions of steady-state front formation. M. S. Safonov. *Zhur. fiz.khim.* 39 no 8 1982-1988 Ag '65

H-D exchange in ethane on aluminum oxide. V. I. Trokhimets, S. V. Markovich. *Zhur.fiz.khim.* 39 no 8 1989-2001 Ag '65.

Ion exchange equilibria. Ion exchange on sulfonated cationites with various divinylbenzene content. L. K. Arkhangelskii, T. A. Matorova, G. V. Kisil'gov. *Vest. LGU* 20 no 16 74-82 '65.

Isotope oxygen exchange on silver films. G. K. Konevskov, A. V. Khosin, T. S. Starostina. *Dokl. AN BSSR* 164 no 3:600-609 S '65.

Mechanism of anion-exchange sorption of phenanthrene and molybdenum on the AP-17 ion exchanger. S. D. Kainavaya, N. A. Suvoikovskaya, Irv. AN Kazakh. SSR. *Sci. khim. nauk* 15 no 2 33-19 Apr-Je '65.

Sorption of cations from acid solutions on silica gels obtained by a hydrothermal method. L. P. Kulebenko and others. *Dokl. AN BSSR* 164 no 3 618-621 S '65.

ION EXCHANGE RESINS

Production of higher grade glycerol without distillation. O. M. Sokolovich, Maslozhn. prom. 31 no 9 37 S '65.

Spectral study of ion-exchange sorption of dyes on resins. Part 2. Z. V. Zhdobova. *Zhur.fiz.khim.* 39 no 8 1821-1827 Ag '65.

Synthesis of the esters of methacrylic acid in the presence of KU-2 ion exchange resins as catalysts. V. A. Trofimov, V. I. Isagullina. *Khim. prom.* 41 no 8:566-568 Ag '65

ION EXCHANGERS

Calculation of equilibrium in systems with ion exchangers during the formation of difficultly soluble precipitates. V. L. Bogatyrev. *Izv. AN BSSR. Ser. Khim.* no 9 1699-1701 '65

Equilibrium distribution of amino acid in the water-ion exchanger system. I. M. Savitskaya, P. S. Nys, B. P. Bruns. *Dokl. AN BSSR* 161 no 2:378-381 S '65.

Methods of calculating the activity coefficients of components in ion exchangers. L. K. Arkhangelskii, I. A. Matorova, G. V. Kisil'gov. *Vest. LGU* 20 no 16:83-89 '65.

Sorption of titanium and zirconium from fluoride-containing solutions by anion exchangers. V. S. Pikhlov, V. L. Zabolotnykh, V. I. Ustinov. *Izv.vys.ucheb.zav. tsyvet. met.* 8 no 3:93-99 '65.

Studying the electrode functions of anion exchange membranes based on the EDI-10P resins. A. I. Goriadinski, E. L. Filippov. *Trudy MKHTI* no 47: 178-183 '64.

Use of ion exchange membranes in the calcium form as indicator electrodes. A. V. Goriadinski, E. L. Filippov, M. N. Voronovskaya. *Trudy MKHTI* no 47: 181-188 '64.

ION SOURCES

Hydrogen ion source at low gas pressure. S. V. Starodubtsev and others. *Izv. AN Uz. SSR. Ser. fiz.-mat. nauk* 9 no 4:79-80 '65.

IONIC SOLUTIONS

Hydrogen solubility in slag depending on the slag composition. V. A. Korshakov, *Izv.vys.ucheb.zav.; chem. met.* 8 no 10:5-13 '65.

IONIZATION

Characteristics of interactions responsible for strong ionization bursts. H. P. Bahain and others. *Izv. AN BSSR. Ser. fiz.* 20 no 9:1618-1651 S '65.

Characteristics of surface ionization in a porous partition. Kh. V. Kiselev, L. A. Lalyshov. *Izv. vys.ucheb.zav.; av. tekhn.* 7 no 3:83-88 '65.

Distribution of specific ionization along the track as dependent on the initial energy of U235 fission fragments. F. Nasyrov and others. *Atom.energ.* 19 no 3:244-250 S '65.

Effect of electron energies and other conditions of ionization in an ion source on the mass spectra of carbon tetrachloride and methane. S. E. Kupilianov. *Kin. i kat.* 6 no 4:725-729 JI-Ag '65.

IONIZATION (Continued)

- Ion-molecular reactions in hydrogen and in a hydrogen-helium mixture. G. E. Spezhakova, N. N. Punitskii, M. V. Tikhomirov. *Zhur. fiz. khim.* 39 no. 8 2002-2008 Ag '65.
- Ionization occurring in collisions between alkali metal atoms and gas molecules. B. I. Kikiani and others. *Zhur. eksp. i teor. fiz.* 40 no. 2:379-385 Ag '65.
- Surface ionization of telluric on oxidized molybdenum. O. K. Fomin, M. V. Tikhomirov, N. M. Tunitskii. *Kin i kat.* 6 no. 4 634-640 Ji-Ag '65.

IONIZATION CHAMBERS

- Disturbing the homogeneity of an ionization chamber by a conducting covering. I. U. Biegadze. *Atom energ.* 19 no. 3:309-311 S '65.
- Possibility of determining the value of minute graduation of ionization emanometers without using standards. B. S. Kamyshov. *Vop. rud. geofiz.* no. 5:125-127 '65.
- Study of the inelasticity coefficient in the interaction of particles with carbon nuclei. S. A. Arimov, R. S. Abdullayev, I. U. Poliak. *Izv. AN SSSR Ser. fiz.* 20 no. 9:1661-1666 S '65.

IONIZATION OF GASES

- Nature of oxides responsible for the ionization of organic vapors on oxidized molybdenum. O. K. Fomin, M. V. Tikhomirov. *Kin i kat.* 6 no. 4:764 Ji-Ag '65.

IONONE

- Stereochemistry of the Wittig reaction with β -ionone. L. A. Anoykova, V. F. Kucherov. *Izv. AN SSSR, Ser. khim.* no. 8:1504-1506 '65.

IONOSPHERIC RADIO WAVE PROPAGATION

- Transmission of radio waves selected by the radio communications regulations for the communication service of sailing ships. T. Nevolin. *Mor. flot* 21 no. 8:18-19 Ag '64.

IONOSPHERIC RESEARCH see subdivision under Kazakhstan

IONS

- Calculation of the effective cross sections of K-electron losses by fast hydrogen-like ions in collisions with hydrogen and helium atoms. I. S. Dmitriev, I. A. M. Zhilev, V. S. Nikolaev. *Zhur. eksp. i teor. fiz.* 49 no. 2:500-514 Ag '65.
- Complexes of Mn^{2+} and F^{-} impurity ions in strontium chloride crystals. M. I. Konef'el'd, L. S. Sochava. *Fiz. tver. tela* 7 no. 8:2391-2396 Ag '65.
- Estimation of exchange interaction for Mn^{2+} ions in the excited state in MnO . R. V. Plesnev, G. A. Smolenskii. *Fiz. tver. tela* 7 no. 8:2558-2558 '65.
- Spin-lattice relaxation of rare earth ions. G. A. Bogachev. *Izv. vys. ucheb. zav., fiz.* 8 no. 3:95-100 '65.

IONS—CAPTURE

- Confinement of slow ions in a mirror trap when the plasma potential is positive. E. E. Ushmanov. *Zhur. eksp. i teor. fiz.* 40 no. 2:586-598 Ag '65.
- Ion escape from a magnetic mirror trap due to the development of instability related to "loss-cone" distribution. A. A. Galeev. *Zhur. eksp. i teor. fiz.* 49 no. 2:572-581 Ag '65.

IONS—MIGRATION AND VELOCITY

- Activity coefficients, complete hydration numbers, and transport numbers of ions in aqueous solutions of 1,1-halides. A. S. Solovkin. *Elektrokhimiya* 1 no. 8:898-990 Ag '65.
- Nature of the transfer coefficients and their relation to the structure of a denser part of the electric double layer. N. E. Khomutov. *Zhur. fiz. khim.* 39 no. 8:1828-1834 Ag '65.
- Transference numbers as a method of the physico-chemical analysis of binary systems. I. A. Fialkov, A. N. Zhitomirskii. *Zhur. fiz. khim.* 39 no. 8:1922-1928 Ag '65.
- Transport numbers and hydration of H^{+} ions in highly concentrated nitric acid solutions. V. P. Troshin. *Elektrokhimiya* 1 no. 8:1015-1019 Ag '65.

IONS—SPECTRA

- Calculation of the energy spectrum of $3dN$ ions in a cubic crystalline field. V. V. Druzhinin, V. I. Cherepanov, V. S. Levin. *Fiz. tver. tela* 7 no. 8:2513-2518 Ag '65.
- Energy spectrum of positive ions hitting the cathode in an anomalous glowing discharge. R. M. Bashirova, A. V. Bondarenko. *Izv. vys. ucheb. zav., radiofiz.* 8 no. 4:764-769 '65.

IOZITE see subdivision under Alaverdi region (Armenia)

IPRONIAZID

- Effect of iprazid on the dynamics of electrolytes in experimental acute coronary insufficiency. N. K. Popova, E. I. Ivashkevich, V. S. Sergievskii. *Pat. fiziol. i eksp. terop.* 9 no. 3:51-55 My-Je '65.

IRAN—ANECDOTES

- Akademika nauk SSSR. Institut narodov Azii.* [Persian anecdotes. Translated from the Persian] Peisidskie anekdoty. Moskva, Izd-vo Vostochnoi lit-ry, 1963. 181 p.

(NIC)

IRAN—LAND TENURE

- In the Iranian village. D. Kasatkina. *Az i Afr. seg* 9 no. 9:43-15 S '65.

IRAQ—POLITICS AND GOVERNMENT

- Current events. Nov. vsem. 23 no. 40:2-4 O '65.

IRAN BARAT, INDONESIA—DESCRIPTION AND TRAVEL

- "Come again to West Iran!" L. Kuznetsov. *Az i Afr. seg* 9 no. 8:18-19 Ag '65.

IRIDIUM

- Electrochemical preparation of electrolytes for iridium and ruthenium plating. I. P. Vladimirova, T. N. Zagrebina, L. I. Kadaner. *Mashinostroenie* no. 5:81-85 S-O '65.

IRIS (EYE)

- Blindness and pathomorphology of the iris in long-lived persons. Z. I. Bravov. *Sbor. nauch. trud. SOGMI* no. 14:15-21 '63.

IRIS (EYE)—DISEASES

- Surgical treatment of uveal glaucoma. V. B. Prochorova, O. G. Sheliakina. *Sbor. nauch. trud. SOGMI* no. 14:81-86 '63.

IRIS (PLANT)

- Method of tattooing for studying the surface growth in iris floral shoots. L. E. Soboleva. *Izv. AN Turk. SSR Ser. biol. nauk* no. 3:84-85 '65.

IRKUTSK—ORTHOPEDIC APPARATUS INDUSTRY

- From the board of the Ministry. *Sots. obozr.* 26 no. 9:46-50 S '65.

IRKUTSK PROVINCE—GEOLOGY—BIBLIOGRAPHY

- [Geological studies of the U.S.S.R.] *Geologicheskaya izuchennost' SSSR.* Moskva, Nauka.
- Vol. 24. [The R.S.F.S.R. Irkutsk Province, period 1941-1950] RSFSR. Irkutskaya oblast'; period 1941-1950. No. 1. [Published works] Opublikovannye raboty, 1955. 177 p.

IRKUTSK PROVINCE—TUNGUSES

- Changes in the economy and mode of life of the Evenki in Irkutsk Province for a period of 150 years. V. A. Tugolukov. *Sov. etn.* no. 3:12-26 My-Je '65.

IRON

- Iron oxidation rate during its heating of short duration in carbon dioxide. V. I. Tikhomirov, N. I. Vasil'eva. *Vest. LGU* 20 no. 16:113-118 '65.

IRON—ANALYSIS

- Determination of iron in magnesium and its alloys. V. N. Tikhonov. *Zav. lab.* 31 no. 8:945 '65.
- Photometric determination of microquantities of iron by means of pyrocatechol violet. I. I. Bermanas, E. I. Lashinskaya. *Zhur. anal. khim.* 20 no. 7:811-813 '65.

IRON—MAGNETIC PROPERTIES

- Dynamic magnetostriction of iron in pulsed magnetic fields. V. E. Kuznetsov. *Fiz. met. i metalloved.* 20 no. 2:199-203 Ag '65.
- Magnetostriction of iron in field variables. L. V. Khenski, V. E. Kuznetsov, V. U. Usatov. *Fiz. met. i metalloved.* 20 no. 2:221-225 Ag '65.

IRON—METALLOGRAPHY

- Effect of lattice defects on the solubility of carbon in alpha iron. M. I. Balazov, I. N. Kidin, I. U. V. Piguzov. *Izv. vys. ucheb. zav., chern. met.* 8 no. 9:155-157 '65.
- Effect of plastic deformation on the amplitude dependence of internal friction in iron. G. A. Borenev, V. I. Sarraf. *Fiz. met. i metalloved.* 20 no. 2:317-319 Ag '65.

IRON—METALLURGY

- (see also subdivision under Boinisi District)
- Problems of the methods of investigating the kinetics of iron reduction from its oxides in molten ores by reducing gases. L. N. Korobov, L. M. Sylev, V. M. Shehedrin. *Stal'* 25 no. 9:867-871 S '65.

IRON—PRICES

- New wholesale prices for ferrous metals. V. I. Chepalov. *Sbor. trud. TSNIICM* no. 45:38-47 '65.

IRON—STATISTICS

- Use of ferrous metals in the national economy of the U.S.S.R. L. L. Zisman. *Sbor. trud. TSNIICM* no. 45:154-163 '65.

IRON—THERMAL PROPERTIES

- Heat capacity of iron near the Curie point. I. A. Kraftmakher, T. I. Romashina. *Fiz. tver. tela* 7 no. 8:2632-2633 Ag '65.

IRON ALLOYS—ELECTROMETALLURGY

- Investigating the process of crushing electrolytic ferroalloys by an electric current. B. I. Ioshibinskiy, E. P. Ponomarenko. *Izv. vys. ucheb. zav., chern. met.* 8 no. 8:86-91 '65.

- New developments in research. B. A. Shakhbaban and others. *Stal'* 25 no. 9:821-5 '65.

IRON ALLOYS—METALLOGRAPHY

- Characteristics of texture formation during the cold rolling of silicon iron with low and medium degrees of deformation. R. A. Adamesku and others. *Izv. vys. ucheb. zav., chern. met.* 8 no. 10:106-109 '65.
- Effect of chromium and tungsten on the thermodynamic activity of carbon in iron alloys. M. A. Khabibullin, B. I. Davydov. *Izv. vys. ucheb. zav., chern. met.* 8 no. 9:133-139 '65.

IRON ALLOYS—METALLURGY

- Addition alloying of heat resistant iron-base alloys. M. M. Shteinberg. *Metalloved i term. obr. met.* no. 4:25-27 Ag '65.

IRON ALLOYS—PRICES

- Methods of establishing wholesale prices for cast iron blast furnace ferroalloys. L. P. Makarov. *TSNIICM* no. 45:46-56 '65.

IRON AND STEEL PLANTS

- Methods of determining the productive capacity of metallurgical plants. N. I. Mitiaev. *Sbor. trud. TSNIICM* no. 45:98-74 '65.

IRON AND STEEL PLANTS—ACCOUNTING

- Analysis of technical and economic indices of oxygen blown converter steel production at the plant A in 1963. I. S. Gokhman, L. A. Ilkina, N. I. Zaslavskaya. *Sbor. trud. TSNIICM* no. 45:75-81 '65.
- Operational calculation and analysis of production costs for the by-product coke industry and blast furnace practices at the Kuznetsk Metallurgical Combine. V. I. Sachko, N. G. Kropachev, E. L. Gol'des. *Stal'* 25 no. 9:856-858 S '65.

IRON AND STEEL PLANTS—DESIGN AND CONSTRUCTION

- Quality improvement of welding operations during the building of metallurgical and coke industry plants. Z. N. Burakovskii. *Svar. proizv.* no. 9:45-10 '65.

IRON AND STEEL PLANTS—EQUIPMENT AND SUPPLIES

- Classification of capital assets and the composition of inventory items at metallurgical enterprises. B. I. Mitiaev. *Sbor. trud. TSNIICM* no. 45:164-169 '65.
- Device for determining the level of metal in the ladle. M. K. Borovikov, V. A. Geizenblat. *Lit. polev. sv.* 37 Mr '64.

- For a fuller use of industrial potentialities. B. M. Filippov. *Metalurg* 10 no. 9:1-2 S '65.

- Prospective consolidated standards for the consumption of raw materials, fuel, electric power, and other materials in the production of ferrous metals in the U.S.S.R. N. E. Skokhin and others. *Sbor. trud. TSNIICM* no. 45:172-181 '65.

- Refactory mixture for lining the lower half of steel-making ladles. B. M. Gaisin, R. L. Markarian. *Lit. proizv.* no. 3:37 Mr '64.

IRON AND STEEL PLANTS—MANAGEMENT

- Determining the probability of the coincidence of the hearth furnace charging and the delays caused in this way. I. I. Kobyakov. *Izv. vys. ucheb. zav., chern. met.* 8 no. 9:50-56 '65.

IRON AND STEEL WORKERS see subdivision under Novokuznetsk

IRON AND STEEL WORKERS—EDUCATION AND TRAINING

- Our reliable reserves. F. Voronov. *Prof. tekhn.* 22 no. 9:9-10 S '65.

IRON CATALYSTS

- Distribution of promoters in iron catalysts for the synthesis. S. Kh. Egeubayev and others. *Kin i kat.* no. 1:751-757 Ji-Ag '65.

IRON CHLORIDES

- Use of ferric chloride as a scale preventing additive in seawater evaporators. G. Lukin. *Mor. flot* 24 no. 1:24-25 Ag '64.

IRON-CHROMIUM ALLOYS see Chromium-Iron Alloys

IRON COMPOUNDS

- 2,7-Dichlorochromotropic acid as a reagent for the photometric determination of iron (III). Spectrophotometric study of complex formation. N. N. Dvargali, Zh. I. Nemtseva. *Zhur. anal. khim.* 20 no. 9:996-998 '65.

IRON FOUNDRY

- Continuous casting of balls. P. I. Slovychenko, N. A. Voronova. *Lit. proizv.* no. 3:10-13 Mr '64.
- Quality of pipe cast by the semicontinuous method in relation to the gas content of cast iron. V. A. Pavlyuk, V. G. Ivanov. *Lit. proizv.* no. 3:8-8 Mr '64.

IRON GROUP

Origination of the catalytic current maxima in the electroreduction of iron group metals on a mercury dropping electrode. L. M. Romchukina and others. *Elektrokhimiya* 1 no. 8:882-885 '65.

IRON IN THE BODY

Clinical evaluation of the iron level in the serum in chronic hepatitis. V. K. Zikova, *Sov. med.* 28 no. 9:52-57 S '65.

IRON INDUSTRY see subdivision under Siberia, Eastern

IRON INDUSTRY—MANAGEMENT see subdivision under Karaganda

IRON INDUSTRY—STATISTICS

Technical and economic results of operations in the main productions of ferrous metallurgy during the current seven-year plan. L. D. Udina, R. V. Prikladno, A. A. Shitkova, *Sov. ind.* TSNIICHM no. 45:5-12 '65.

IRON METABOLISM

Pathogenesis of hyperferremia in hepatitis. A. M. Fedotova, T. V. Migina, *Pat. fiziol. i eksp. terap.* 9 no. 1:79-80 JI-Ag '65.

IRON MINES AND MINING

(see also subdivision under Kirov Rog Basin; Kursk Magnetic Anomaly; Zapozh'ye)

Advantageous distances between workings on the draw levels under high rock pressure. P. M. Volkov, *Izv. vyz. ucheb. zav. gor. zhur.* 8 no. 7:13-21 '65.

Studying stress distribution in cast iron tubing support of vertical shafts by the photoelasticity method. V. I. Drobyshev, G. A. Levlev, *Shakht. stroi.* 9 no. 10:16-19 O '65.

IRON MINES AND MINING—QUALITY CONTROL see subdivision under Kirov Rog Basin

IRON-NEODYMIUM ALLOYS—MAGNETIC PROPERTIES

Magnetic properties of iron-neodymium alloys. V. I. Chechurnikov and others. *Fiz. met. i metalloved.* 20 no. 2:299-301 Ag '65.

IRON-NICKEL ALLOYS—METALLOGRAPHY

Investigating the aging of martensite in iron-nickel alloys with additions of aluminum. A. V. Gavrilova, I. U. J. Tiapkin, *Fiz. met. i metalloved.* 20 no. 2:313-315 Ag '65.

IRON-NICKEL ALLOYS—TESTING

Distribution of lagging magnetization jumps according to their duration. E. P. Dragania, *Fiz. met. i metalloved.* 20 no. 2:204-208 Ag '65.

IRON ORES

(see also subdivision under Gornaya Shoriya; Kirov Rog Basin; Kursk Magnetic Anomaly; Turgay Gates)

Concentration of hydrophobic addition to iron concentrates from wet magnetic separation, and its effect on filtration. M. B. Barbin, *Gor. zhur.* no. 9:88 S '65.

Source of germanium in iron ores. V. M. Grigor'ev, K. K. Zelenov, *Geokhimiya* no. 5:502-506 My '65.

IRON ORES—TRANSPORTATION

Method of determining the cost of shipping iron ore by sea. G. Levikov, *Mor. flot* 25 no. 8:42-43 S '65.

IRON OXIDES

Kinetics of reactions involving solids. Part 4: Oxidation of iron by water. M. M. Lebedeva, A. I. Rozovsky, A. N. Baskikov, *Kin. i kat.* 8 no. 4:619-621 JI-Ag '65.

Studying the interaction of K_2CO_3 with iron oxides. D. A. Kuznetsov and others. *Trudy MKHIT* no. 47:110-124 '64.

Using the photocolormetric method for determining iron oxide in tanning extracts. S. P. Kochetova, *Kozh.-obuv. prom.* 7 no. 8:17-18 Ag '65.

IRON PHOSPHATES

Catalytic properties of iron orthophosphate. Report 2: Alkylation of benzene, its homologs, and derivatives. N. F. Malenberga, A. A. Balandin, A. I. Kukina, *Izv. AN SSSR. Ser. khim.* no. 9:1665-1670 '65.

IRON PLATING

Investigating deposits obtained by the method of hard sclerage. V. P. Ovcharov, *Trudy KHIT* no. 76:35-40 '65.

Reconditioning worn-out internal surfaces of the parts of mining machinery and equipment. A. A. Nazarenko, *Izv. DGI* 41 pt. 2:30-32 '62.

Reconditioning worn-out parts of mining machinery and equipment by electrolytic steeling. A. A. Nazarenko, *Izv. DGI* 41 pt. 2:33-35 '62.

IRONWORKS see Iron and steel plants

IRREVERSIBLE PROCESSES

Reciprocity principle in irreversible-process thermodynamics. P. K. Konakov, *Inzh.-fiz. zhur.* 9 no. 3:369-376 S '65.

IRRIGATION

Mechanization of heavy and labor-consuming work in the construction of water supply systems in irrigation areas of the R. S. F. S. R. S. V. Shimanovich, *Mekh. stroi.* 22 no. 7:1-7 JI '65.

Meliorative conditions of irrigated lands in the period of the Quiet Sun, 1964-1965 and urgent tasks for agricultural workers. N. A. Kenesarin, *Uzb. geol. zhur.* 9 no. 1:40-11 '65.

[Problems in agricultural mechanics] *Vop. sel'khoz. mekh.* 15 '65.

Progressive techniques in the irrigation of agricultural crops. *Inform. biul. VDNK* no. 10:17 O '62.

IRRIGATION—ECONOMIC ASPECTS see subdivision under Kazakhstan

IRRIGATION—MAPS

Maps for irrigation purposes, their content and methods for compiling them. V. I. Alekseev, E. V. Gershunov, A. P. Popkin, *Vest. sel'khoz. nauki* (Kazakh) 8 no. 9:69-76 S '65.

IRRIGATION FARMING

Studying subirrigation. B. A. Shumakov, M. S. Grigor'ev, *Dokl. Akad. sel'khoz. nauk* no. 8:41-43 Ag '65.

IRTYSH RIVER—ICE

On the possibility of forecasting the Irtysh River break-up time depending on the changes in solar activity. I. V. Borisov, *Izv. Omsk. otd. Geog. ob-va* no. 6:33-38 '64.

IRTYSH RIVER—PIKE PERCH

The pike perch in the Irtysh. A. S. Zybin, *Izv. Omsk. otd. Geog. ob-va* no. 6:119-120 '64.

IRTYSH RIVER—SHIPPING

New shipping schedule of the Irtysh Steamship Company. S. Medrea, N. Surikov, *Rech. transp.* 24 no. 8:15 '65.

Shipping crude petroleum with the aid of pusher tugs. V. Esin, *Rech. transp.* 24 no. 5:24-25 '65.

We are realizing the decisions of the operational conference. A. Sennikov, *Rech. transp.* 24 no. 6:12-13 '65.

IRTYSH RIVER—TOWING

Our practices in pushing barges with crude petroleum. A. Khrapov, *Rech. transp.* 24 no. 8:16 '65.

IRTYSH VALLEY—LAND SETTLEMENT

Russian settlement of the forest-steppe of the Irtysh Valley in the 18th century. A. D. Kolesnikov, *Izv. Omsk. otd. Geog. ob-va* no. 6:87-87 '64.

IRTYSH VALLEY—MOLLUSKS

Description of the land-mollusk fauna of the Irtysh Valley taiga. V. N. Dvazkov, *Izv. Omsk. otd. Geog. ob-va* no. 6:123-124 '64.

IRTYSH DISTRICT—WAGES—NONFERROUS METAL INDUSTRIES

Give new incentives to labor. N. Stepanov, *Nar. khoz. Kazakh.* 23 no. 8:15-17 Ag '65.

ISHUTIN, NIKOLAI ANDREEVICH, 1840-1879

Filippov, R. V. [The revolutionary populist organization of N. A. Ishutin and I. A. Khudakov, 1863-1866] *Revolyutsionnaya narodnicheskaya organizatsiya N. A. Ishutina - I. A. Khudakova (1863-1866)*. Petrozavodsk, Karelskoe knizhnoe izd-vo, 1964. 227 p.

ISLAM see subdivision under Daghestan; Pakistan

ISMAILITES

The empire of Aga-Khan IV. P. Sergo, *Az i Af. seg.* 9 no. 9:24-23, 27 S '65.

ISOBUTYRIC ACID

Electrochemical method of production of some monocarboxylic acids. M. I. A. Flishin, T. A. Dzharayev, *Dokl. AN Azerb. SSR* 21 no. 5:25-29 '65.

Modified method for determining β -aminoisobutyric acid in the urine and tissues of animals. V. K. Mazurik, *Lab. delo* no. 6:461-455 '65.

Reaction of hexafluoroisobutyryl fluoride with acid chlorides. I. U. A. Cheburkov, N. Mukhamadiev, I. L. Khamlants, *Izv. AN SSSR. Ser. khim.* no. 8:1470-1476 '65.

ISOCYANATES

Reaction of *N*-methyl-*N*-triphenylborazole with diisocyanates and diamines. V. V. Korshak, N. I. Bekasova, L. G. Komarova, *Izv. AN SSSR. Ser. khim.* no. 8:1462-1464 '65.

ISOMERIZATION

Efficiency of the process of the isomerization of gasoline fractions. V. L. Klimentko and others, *Khim. i tekhn. topl. i masel* 10 no. 7:50-53 JI '65.

Isomerization of alkyl diacetylenes. E. A. Filipina, B. P. Gusev, V. F. Kucherov, *Izv. AN SSSR. Ser. khim.* no. 9:1658-1660 '65.

Trans-isomerization in the continuous hydrogenation of fats. K. A. Zhukov, D. V. Sokol'nik, *Trudy Inst. khim. naft. AN Kazakh SSR* 13:207-209 '65.

ISOMERS

Structures of cyclic isomers of polyisoprenes. I. A. Tutorski and others. *Vysokom. soed.* 7 no. 8:1391-1399 Ag '65.

ISOMORPHISM (CRYSTALLOGRAPHY)

Dependence of isomorphism replacement on pressure. V. V. Shcherbina, *Geokhimiya* no. 5:541-550 My '65.

ISOPERIMETRICAL PROBLEMS see Calculus of variations

ISOPHTHALOYL CHLORIDE

Analysis of isophthaloyl chloride. L. A. Emelin, G. P. Sytunova, *Zhur. anal. khim.* 26 no. 9:1010-1013 '65.

ISOPODA

(see also subdivision under Soviet Far East)
Subterranean Parasitoida (Cicadacea, Isopoda) in the U. S. S. R. I. A. Bishstein, S. I. Levashkin, *Zool. zhur.* 11 no. 7:997-1013 '65.

ISOPRENE

Production of isoprene from formaldehyde and isobutylene via 3-methyl-1,3-butadiene. V. Z. Shait and others. *Izv. AN SSSR. Ser. khim.* no. 9:1663-1665 '65.

Structures of cyclic isomers of polyisoprenes. I. A. Tutorski and others. *Vysokom. soed.* 7 no. 8:1391-1399 Ag '65.

ISOTHIOCYANIC ACID

Use of Fildan's phenyl isothiocyanate method for analyzing the N-terminal sequence of fibrin. T. M. Pozdina-kova, *Ukr. biokhim. zhur.* 37 no. 4:483-492 '65.

ISOXAZOLIDINONE

Pharmacology of d-cycloserine. M. A. Bykova, I. A. Stozhev, E. K. Beresina, *Antibiotiki* 10 no. 7:626-629 JI '65.

ISRAEL—WOMEN

Visiting the women of Israel. A. Ikannikova, G. Nikitina, *Az. i Af. seg.* 9 no. 8:27-28 S '65.

ISSYKKUL' DEPRESSION—BOTANY

Subterranean vole *Ellobius talpinus* Pall. of the Issykkul' Depression and the effect of its activity on the vegetation and soil. I. U. A. Dubrovskii, *Mat. k. pozn. fauny i flory SSSR. Otd. zool.* no. 40:121-144 '65.

ISSYKKUL' DEPRESSION—FIELD MICE

Subterranean vole *Ellobius talpinus* Pall. of the Issykkul' Depression and the effect of its activity on the vegetation and soil. I. U. A. Dubrovskii, *Mat. k. pozn. fauny i flory SSSR. Otd. zool.* no. 40:121-144 '65.

ISSYKKUL' DEPRESSION—SOILS

Subterranean vole *Ellobius talpinus* Pall. of the Issykkul' Depression and the effect of its activity on the vegetation and soil. I. U. A. Dubrovskii, *Mat. k. pozn. fauny i flory SSSR. Otd. zool.* no. 40:121-144 '65.

ITALY—COOPERATIVE SOCIETIES

Congress of Italian cooperative society workers. L. Vasil'eva, *Sov. potreb. koop.* 9 no. 9:58 S '65.

Italian cooperative societies in their struggle against monopolies. Lino Grifone, *Sov. potreb. koop.* 9 no. 9:53-57 S '65.

ITALY—ECONOMIC POLICY

Italy: the metamorphosis of programming. V. Kravchenko, *Mir, ekon. i mezhdunar. otn.* no. 10:127-129 '65.

ITALY—FOREIGN RELATIONS—FRANCE

Franco-Italian relations on the eve of the Second World War. S. A. Stegar', *Nov. i mezh. otn.* no. 5:104-109 '65.

ITALY—FOREIGN RELATIONS—POLAND

The president of Italy visits Poland. N. Trofimova, *Nov. vrem.* 23 no. 43:12-13 O '65.

ITALY—INSURANCE, SOCIAL

Business based on tuberculosis. E. Rava, *Sots. obshch.* 26 no. 9:82-83 S '65.

ITALY—MOTOR SHIPS

Ships built in Italy. *Sudostroyeniya* 30 no. 7:83-89 JI '64.

ITALY—SHIPPING

Lensing out Soviet ships. *Mor. flot* 25 no. 9:10-10 S '65.

ITALY—SMUGGLING

Manners of the "free world": the Alpine "free trade zone." L. Vanin, *Nov. vrem.* 23 no. 41:31 O '65.

ITALY—SOCIALIST PARTY

On the eve of the Congress of Italian Socialists. S. Vasil'ev, *Nov. vrem.* 23 no. 41:12-14 O '65.

- ITALY—WAR OF 1860-1861**
Two letters by I. F. Becker on the revolutionary movement in Italy in 1860. Nov. i novisl. ist. no. 5 131-139 '65.
- ITALY—WORLD WAR 1939-1945—SOURCES**
Breakdown of the fascist Berlin-Rome "axis" Voen. ist. zhur. 7 no. 7 64-68 JI '65.
- ITALY—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS**
Sokolov, V. D. [There will not be a halt; stories about heroes] Prizvala ne budet, rasskazy o gerolakh. Moskva, Voen. izd-vo, 1964. 173 p. (Biblioteka soldatsk i matrosa) (NIC)
- IVANO-FRANKOVSK PROVINCE—COMRADES' COURTS**
Specific aspects of the transmittal of certain matters to be decided by comrades' courts R Chertkov Rad pravo 28 no. 6 51-53 '65
- IVANOVO—LABOR AND LABORING CLASSES**
Laylova, A. I. [Law of our life] Zakon nashei zhizni. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1963. 62 p. (CST-II)
- IVANOVO—TEXTILE INDUSTRY**
Laylova, A. I. [Law of our life] Zakon nashei zhizni. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1963. 62 p. (CST-II)
- IZHMA (KOMI A. S. S. R.)—TEETH—DISEASES**
Incidence of caries of the teeth. I. M. Degtiarev. Nauch. trudy Kaz. gos. med. inst. 14 25-26 '64.
- JACQUARD WEAVING**
Group method for the punching of jacquard cards from an undeveloped pattern. B. S. Kruglov. Tekst. prom. 25 no. 8 34-38 Ag '65.
- JAIPUR—DESCRIPTION**
Krashenninikov, V. L. [Jaipur stories] Dzhalsurskie rasskazy. Moskva, Nauka, 1965. 62 p.
- JAMESTOWN WEED** see *Datura*
- JAPAN—ATMOSPHERE**
Complex of jet streams over Japan on December 8-10, 1959. V. A. Volodina, I. V. Petrov. Izv. AN Uz SSR Ser. fiz.-mat. nauk 9 no. 4 80-81 '65.
- JAPAN—COMMERCIAL PRODUCTS—EXHIBITIONS**
An exhibition on the banks of the Amur. G. Zhukov. Nov. vrem. 23 no. 43 20-21 O '65
- JAPAN—CULTURED PEARLS**
The Mikimoto pearl empire. V. Kassia. Az. i Afr. seg. 9 no. 8 38-40 Ag '65.
- JAPANESE—DESCRIPTION AND TRAVEL**
Zai'ian, Nalil. [There the cherry blossomed; Japanese sketches. Translated from the Armenian] Tam tsvela vishnia, japonskie ocherki. Moskva, Sovetskii pisatel', 1965. 183 p. (IU) (MH)
- JAPAN—FOREIGN RELATIONS—UNITED STATES**
Psychological warfare headquarters in Minato-ku O Zhukov. Nov. vrem. 23 no. 42 20-23 O '65.
- JAPAN—GEOLOGY, STRUCTURAL**
Some characteristics of the tectonic structure of Japan. V. I. Tikhonov. Trudy GIN no. 113 24-16 '64
- JAPAN—KINSHIP**
Study of the Japanese kinship system. M. V. Kriukov. Sov. etn. no. 3 90-98 My-Je '65
- JAPAN—SHIPS**
Ships built in Japan. Sudostroenie 30 no. 7 89 JI '64.
- JAPAN—WORLD WAR, 1939-1945—PEACE**
Capitulation of imperialist Japan. I. Shinkarev. Voen. ist. zhur. 7 no. 9 126-128 S '65
- JAPAN SEA—CTENOSTOMATA**
Bryozoans of the orders Cyclotomata and Ctenostomata in the northern part of the Sea of Japan. E. I. Androsova. Issl. fauny mor. 3 72-114 '65
- JAPAN SEA—CYCLOSTOMATA (POLYZOA)**
Bryozoans of the orders Cyclotomata and Ctenostomata in the northern part of the Sea of Japan. E. I. Androsova. Issl. fauny mor. 3 72-114 '65
- JAPANESE ART** see *Art, Japanese*
- JAPANESE LANGUAGE—TERMS AND PHRASES**
Ancient Japanese kinship terms. O. P. Petrova. Sov. etn. no. 3 79-89 My-Je '65.
- JASPER** see subdivision under *Kokchetav Upland*
- JASSY, BATTLE OF, 1944**
Discussion of the book "Jassy-Kishinev Campaign." V. Istomin. Voen. ist. zhur. 7 no. 7 104-108 JI '65.
- JAUNDICE**
Activity of serum enzymes in experimental mechanical jaundice in dogs. Z. P. Gette, I. I. Bobrik. Pat. fiziol. i eksp. ter. 9 no. 4 54-58 JI-Ag '65.
Significance of fractional determination of bilirubin in newborn infants. K. F. Iuzhakova. Trudy TSU 78 41-44 '65
Use of intravenous cholecystography in jaundice. R. A. Borisov. Vest. rent. i rad. 40 no. 4 64-65 JI-Ag '65.
- JAWS—DISEASES**
Fluctuation of the level of stalic acid in patients with acute osteomyelitis of the jaws in relation to the methods of treatment. I. A. Z. Epstein. Nauch. trudy Kaz. gos. med. inst. 11 581-582 '64.
- JET BORING**
Elasticity of rocks and its effect on their drillability by thermal piercing. A. P. Dmitriev, V. S. Iamshchikov. Izv. vys. ucheb. zav., gor. zhur. 8 no. 7 98-102 '65.
Results of some experimental studies on the drillability of Pervouralsk quartzite by thermal piercing. V. G. Simanov and others. Izv. vys. ucheb. zav., gor. zhur. 8 no. 7 92-97 '65.
- JET PLANES**
Maximum duration of the horizontal flight of a jet-propelled airplane. A. A. Kosmodem'ianskii. Vest. Mosk. un. Ser. i. Mat., mekh. 20 no. 4 67-77 JI-Ag '65.
- JET PUMPS**
Pumping petroleum products from underground reservoirs. I. U. G. Isupov, A. M. Gouustovich, G. M. Sakhlov. Transp. i khar. nef. i nefteprod. no. 8 12-14 '65.
- JET STREAM** see subdivision under *Kazakhstan*
- JETS—FLUID DYNAMICS**
Tail of a flat subsonic jet on a plane at an arbitrary angle. V. G. Bukovshin, N. P. Shestova. Izv. zhur. 5 no. 4 761-763 '65
Laminar nonisothermal liquid-drop jet of variable viscosity. V. P. Kashkarov. Vest. AN Kazakh. SSR 21 no. 9 61-67 S '65.
Propagation of a system of plane turbulent jets. N. I. Afanov. Trudy LPI no. 248 104-108 '65.
Using generalized Mises variables in the problem of propagation of plane thermal jets in a noncompressible fluid. F. Vilev. Trudy LPI no. 218 110-112 '65.
- Vells, L. A., and V. P. Kashkarov.** [Theory of jets of viscous fluids] Teoriia strui viskoznoi zhidkosti. Moskva, Nauka, 1965. 431 p.
- JOB SATISFACTION**
Influence of a diversified work assignment on the worker in production, experience from concrete sociological research. L. I. Shelomova. Uch. zap. Kaf. obshchestv. nauk vuz g. Len., Filos. no. 6 142-147 '65
- JOINTS**
Device for measuring the curvature of joint surfaces. V. I. Tablin. Arkh. anat., gist. i embr. 49 no. 8 100-110 Ag '65.
Ontogenic changes in the musculature of the pelvic femoral joint of man in comparison with a quadruped mammal. V. Z. Urovskaia. Vnp. antr. no. 16 20-40 '64.
- JOINTS—DISEASES**
Errors in the diagnosis of tabetic atrophy. P. I. Kholodil. Sov. med. 28 no. 8 130-131 Ag '65.
- JOINTS (ENGINEERING)**
Increasing the strength of weld joints in B-9Z aluminum alloy by peening. N. N. Belous. Svar. prozv. no. 6 41 S '65.
Joints for precast reinforced concrete panels of rectangular silos. F. A. Issers, V. A. Nozhnitskii, V. B. Semenov. Prom. stroi. 42 no. 8 20-31 '65.
Joints in large-panel residential buildings. I. A. Aleksandrov. Nauch. trudy AKKH no. 31 130-135 '64.
Remote control systems for tracking the travel of the welding arc along the line of the butt weld. I. S. Pankov, A. P. Stokharov. Svar. prozv. no. 9 15-17 S '65.
Selection of a better type of joints for steel structural elements. Prom. stroi. i inzh. soor. 7 no. 4 48-48 JI-Ag '65.
Strength of concrete joints made with synthetic glue under various influences. A. S. Freidin, A. B. Sholokhova, B. I. Zhelet. bet. 11 no. 9 18-21 S '65.
Thermal conditions of air permeable joints of exterior wall panels. A. A. Sander. Izv. vys. ucheb. zav., stroi. i arkhit. 8 no. 9 93-98 '65.
- JOINTS (ENGINEERING)—TESTING**
Fatigue resistance of welded joints in high-strength cast iron. P. I. Kudrjavtsev. Svar. prozv. no. 12 1-5 D '63.
- Properties of weld joints in OKh-1N5T and OKh-1N4M-1 stainless steel at low temperatures. N. M. Korolev, A. P. Rinkhovskaya. Svar. prozv. no. 9 21-24 S '65
Selecting an electrode material for the automatic electric slag welding of reinforcement butt joints. G. I. Lyubskov, R. G. Shadrinov. Svar. prozv. no. 9 21-26 S '65.
Shear testing by torsion of welded and glued and welded spot joints. A. A. Rikovich. Svar. prozv. no. 9 35-36 S '65.
- JOINTS (GEOLOGY)**
(see also subdivision under *Starobin region, White Russia*)
Distinguishing zones of the increased tectonic jointing of rocks. B. K. Ostapov. Geol. i geofiz. no. 2 146-148 '65
Protod'nikov, M. M. [Methods for estimating the jointing and strength of rocks in a massif, report at the seminar on the problems of the mechanical properties of rocks in a massif] Metody otsenki teschninovosti i prochnosti gornykh porod v massive, doklad na seminar'e po voprosam issledovaniia mekhanicheskikh svoystv gornykh porod v massive. Moskva, In-t gornogo dela, 1961. 28 p.
- JOURNALISM—COMMUNIST YOUTH LEAGUE**
An important theme. Part. zhurn. no. 10 76-78 O '65.
- JOURNALISM, AGRICULTURAL** see subdivision under *China Province*
- JOURNALISM, MILITARY—CONGRESSES**
What the readers talk about. O. Feldman, V. Chelunyskiy. Voen. ist. zhur. 7 no. 9 110-111 S '65.
- JUDGES**
Some suggestions to improve the judicial system. Blul. Verkh. Sudn. no. 4 30-35 '65.
- JUDICIAL STATISTICS** see subdivision under *Union republics*
- JUNCTION TRANSISTORS**
Experimental studies on fluctuations in the coefficient of transistor amplification. I. A. Zdonova, A. N. Mikhov. Izv. vys. ucheb. zav., radiofiz. 8 no. 1 82-83 JI '65.
Spectrum of recombination radiation from gallium arsenide due to electron excitation of gallium phosphide. Gallium arsenide p-n heterojunctions. Zh. I. Vilev, D. Z. Garbuzov. Fiz. tver. tela 1 no. 8 115-2378 Ag '65.
- JUNCTION TRANSISTORS—PHOTOELECTRIC PROPERTIES**
Effect of the orientation of GaAs crystals on the depth and photoelectric properties of diffusion p-n junctions. A. A. Gukin and others. Fiz. tver. tela 7 no. 8 2533-2519 Ag '65.
- JUNCTION TRANSISTORS, EFFECT OF RADIATION ON**
Hysteresis character of the volt-ampere characteristics of a germanium n-p-junction produced by irradiation. A. R. Gerasimov and others. Fiz. tver. tela 7 no. 8 2562-2563 Ag '65.
- JURISDICTION**
Labor litigations under direct jurisdiction of courts. A. Slavtseva. Sov. iust. 20 no. 17 6-9 S '65.
- JURISTIC ACTS**
The establishing of facts having legal effect. R. Sklenko. Rad. pravo 20 no. 6 7-13 '65.
- JUSTICE, ADMINISTRATION OF**
(see also subdivision under *Germany, East*)
Akademiya nauk SSSR, Institut gosudarstva i prava. [Democratic foundations of Soviet socialist justice] Demokraticheskie osnovy sovetskogo gosudarstvennogo pravosuditiya. Pod red. M. S. Strogileva. Moskva, Nauka, 1965. 309 p.
Communiqué on the ordinary Plenum of the Supreme Court of the U. S. S. R. Blul. Verkh. Sudn. no. 4 31 '65.
In the Scientific Consultation Council attached to the Supreme Court of the U. S. S. R. Blul. Verkh. Sudn. no. 4 30 '65.
Participation of the public in the determination of civil cases. V. Pantugin. Sots. zakon. 42 no. 8 18-21 Ag '65.
- JUVENILE DELINQUENCY**
(see also subdivision under *Bashkiria; East Kazakhstan Province; Kamensk-Shakhtinsk, Kraslov Province; Moscow; Nakhichevan A. S. S. R.; Tashkent; Ukraine; Vilensk Province*)
Alcohol and juvenile delinquency. A. Sakharov. Sov. iust. 20 no. 16 22-23 Ag '65.
- JUZEJUNAS, JULIUS, 1916-**
On a road of daring. A. Ambrazas. Sov. muz. 20 no. 3 32-38 Ag '65.

KABARDINO-BALKAR A. S. S. R.—GLAUCOMA

Dispensary service for glaucoma patients in the Kabardino-Balkar A. S. S. R. F. K. Blayva, L. S. Pokutsa. *Sbor. nauch. trud. SOGIMI* no. 11 61-64 '63.

KABARDINO-BALKAR A. S. S. R.—HOSPITALS—OUT-PATIENT SERVICES

Dispensary service for glaucoma patients in the Kabardino-Balkar A. S. S. R. F. K. Blayva, L. S. Pokutsa. *Sbor. nauch. trud. SOGIMI* no. 11 61-64 '63.

KABARDINO-BALKAR A. S. S. R.—SOCIAL CONDITIONS

Boisvazde, T. D. [Social and economic relations in Kabardia in the first half of the 19th century] *Sotsial'-no-ekonomicheskie otnosheniya v Kabarde v peivoi polovine XIX veka*. Tbilisi, Metsniereka, 1965. 123 p.

KABARDINO-BALKAR A. S. S. R.—STATISTICS

Kabardino-Balkar A. S. S. R. *Statisticheskoe upravlenie*. [National economy of the Kabardino-Balkar A. S. S. R., a statistical abstract] Narodnoe khozaistvo Kabardino-Balkarskoi ASSR, statisticheskii sbornik. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1964. 210 p.

KABUL—CITY PLANNING

Master plan for Kabul. O Smirnova. *Arkhitekt. SSSR* no. 9: 28-34 '65.

KAKHOVKA RESERVOIR—FISHES—EGGS

Fish spawning in open and deep sections of Kakhovka Reservoir. N. D. Belyi. *Ryb. khoz.* 41 no. 7, 19-21 '65.

KALININ, MIKHAIL IVANOVICH, 1875-1946

An eminent master of propaganda for the 90th anniversary of the birth of M. I. Kalinin. L. Gus'kova. *Agitator* 33 no. 18: 11-16 S '65.

KALININ—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Let us find the "keys" to hearts. V. Rozman. *Part. zhizn'* no. 18: 60-70 S '65.

KALININ—RAILROADS—CARS

Daily accounting for carrying out the cost plan. N. Kovalev. *Plan. khoz.* 12 no. 10: 41-45 O '65.

KALININ—TEXTILE INDUSTRY—QUALITY CONTROL

Beginning an attack. G. Kiselevskii. *Part. zhizn'* no. 20: 42-47 O '65.

KALININ PROVINCE—COMMUNIST EDUCATION

Seminars in Kalinin. A. Egorov. *Agitator* 33 no. 18: 27-28 S '65.

KALININGRAD—FISHING BOATS—MAINTENANCE AND REPAIR

Expansion and improvement in ship repairing. M. T. Kudinkin. *Ryb. khoz.* 11 no. 7: 38-39 '65.

KALININGRAD—TRANSPORTATION, AUTOMOTIVE—MANAGEMENT

Improving the servicing of people in peak hours. N. Zakharenko. *Avi. transp.* 43 no. 9: 14 S '65.

KALINOVKA (KURSK PROVINCE)—RURAL PLANNING

Planning the Kalinovka collective farm village. A. Vostokov. *Eksper. proekt* no. 5: 49-58 '62.

KALUZHIYI, MIKHAIL PAVLOVICH

You will always find support here. V. Kurichev. *Biblioteka* 13 no. 9: 27-28 S '65.

KAMA-KINEL' DEPRESSION—GEOLOGY, STRATIGRAPHIC

Correlation of local structures in Devonian and Carboniferous horizons in Kama-Kinel' troughs. O. M. Mkrtchian. *Geol. nefti i gaza* 9 no. 0: 26-29 S '65.

KAMA-KINEL' DEPRESSION—PALEONTOLOGY, STRATIGRAPHIC

Age of the terrigenous formation in the Kama-Kinel' Depression. B. I. Dantlov. *Geol. nefti i gaza* 9 no. 0: 20-24 S '65.

KAMA-KINEL' DEPRESSION—PETROLEUM GEOLOGY

Outlook for finding petroleum and trends in prospecting operations in the Kama-Kinel' system of troughs. M. F. Mirehink and others. *Geol. nefti i gaza* 9 no. 0: 1-7 S '65.

KAMA RESERVOIR—DREISSENIDAE

Distribution of Dreissena polymorpha Pall. in the Sylva Bay of Kama Reservoir. V. V. Gromov. *Zool. zhur.* 44 no. 7: 1084-1086 '65.

KAMA RIVER—LOCKS (HYDRAULIC ENGINEERING)

In the Technical Council of the Ministry of the River Fleet. *Rech. transp.* 21 no. 9: 48-49 Ag '62.

KAMCHATKA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

The Communists of a liner. N. Tarasenko. *Part. zhizn'* no. 18: 48-51 S '65.

KAMCHATKA—GEOLOGY, STRUCTURAL

Tectonics of the central part of Kamchatka. I. B. Glendenkov. *Trudy GIN* no. 139: 60-77 '65.

KAMCHATKA—SEAMEN—EDUCATION AND TRAINING

The Communists of a liner. N. Tarasenko. *Part. zhizn'* no. 18: 48-51 S '65.

KAMCHATKA—TERRACES (GEOLOGY)

Marine terrace of the east coast of Kamchatka. S. I. Fedotenko. *Izvl. MOIP, Otd. geol.* 40 no. 1: 80-80 31-Ag '65.

KAMENSK-SHAKHTINSKIY (ROSTOV PROVINCE)—JUVENILE DELINQUENCY

Everyone should take an interest in the education of adolescents. I. Ignatov. *Sots. zakon* 42 no. 9: 63-64 S '65.

KAMENSKII, MIKHAIL DAVIDOVICH, 1885-

M. D. Kamenskii, on his 80th birthday. V. S. Smirnov and others. *Izv. vys. ucheb. zav., enei. g.* 6 no. 7: 130-131 Ag '65.

KAMPALA, UGANDA—DESCRIPTION

Encounters in Kampala. V. Sidenko. *Nov. vrem.* 23 no. 43: 28-30 O '65.

KANT, IMMANUEL, 1724-1804

Category of happiness in Kant's ethics. V. N. Batin. *Uch. zap. Kaf. chelovesiv. nauk. iuz. g. Len., Filos.* no. 6: 160-182 '65.

KAOLIN

(see also subdivision under Alekseyevka, Kazakhstan, Priozhnyaya region, Ukraine, Zhitomir Province)

Interaction of kaolin with aluminate solutions. M. K. Mosalkina, V. S. Sazhin, S. D. Dement'eva. *Ukr. khim. zhur.* 31 no. 6: 851-856 '65.

KAOLINITE

Temperature of the principal endothermic effect of kaolinite. G. T. Volostnykh. *Zap. Vses. min. ob-va* 84 no. 1: 406-410 '65.

KARA-KALPAK A. S. S. R.—COLLECTIVE FARMS—PENSIONS

Head of a permanent committee. P. Ivatutib. *Sots. obasp.* 26 no. 9: 20-21 S '65.

KARA-KALPAK A. S. S. R.—COOPERATIVE SOCIETIES

Let's accelerate the introduction of progressive methods. T. Safaev. *Sov. poirch. koop.* 9 no. 0: 20 S '65.

KARA KUM—GEOLOGICAL TIME

Age of the Paleozoic basement in the Kara Kum platform. A. I. Proskurnik. *Izv. AN SSSR. Ser. geol.* 30 no. 0: 86-95 S '65.

KARA KUM—SAKSAL

Natural death of the black sakhal in the Kara Kum. A. Numakov, S. Vellacov. *Izv. AN Turk. SSR. Ser. biol. nauk* no. 4: 71-75 '65.

KARA KUM CANAL—ALIAGI

Biology of Aliagi persaran Balsa, et Buhse of the lake sands along the Kara Kum Canal. M. Koshumov. *Izv. AN Turk. SSR. Ser. biol. nauk* no. 4: 75-78 '65.

KARABUTAK DISTRICT—SOILS—TRACE ELEMENT CONTENT

Content of the free forms of trace elements in soils of Karabutak District, Aktyubinsk Province. N. A. Klimachin, N. B. Terchilenko. *Vest. sel'khoz. nauki [Kazakh.]* 8 no. 0: 13-18 Ag '65.

KARACHAI LITERATURE—HISTORY AND CRITICISM

Karavaia, A. I. [Formation of Karachai literature] *Stanovlenie karachayevskoi literatury*. Cherkessk, Karachayevsko-kabardinskoe knizhnoe izd-vo, 1963. 155 p. (NIC)

KARADAG OIL FIELD—OIL WELL DRILLING, ELECTRIC

Turbodrilling and electric drilling in the Karadag oil field. M. M. Karpenko, A. S. Sharutina, K. A. Askerov. *Sbor. nauch. -tekh. inform. Azerb. inst. nauch. -tekh. inform. Ser. Nefi, prom.* no. 6: 29-36 '63.

KARADAG OIL FIELD—PETROLEUM PRODUCTION

Recovery factor of gas-condensate oil pool in horizons VII of the Karadag area. F. I. Samodov, B. M. Latsgar-ton, Ch. A. Sultanov. *Izv. AN Azerb. SSR. Ser. geol. -geog. nauk* no. 3: 72-77 '65.

KARADAG OIL FIELD—TURBODRILLS

Turbodrilling and electric drilling in the Karadag oil field. M. M. Karpenko, A. S. Sharutina, K. A. Askerov. *Sbor. nauch. -tekh. inform. Azerb. inst. nauch. -tekh. inform. Ser. Nefi, prom.* no. 6: 29-36 '63.

KARAGANDA—IRON INDUSTRY—MANAGEMENT

The labor plan and its evaluation. V. Kauts. *Nar. khoz. Kazakh.* 23 no. 9: 15-17 S '65.

KARAGANDA—STEEL INDUSTRY—MANAGEMENT

The labor plan and its evaluation. V. Kauts. *Nar. khoz. Kazakh.* 23 no. 9: 15-17 S '65.

KARAGANDA BASIN—COAL MINES AND MINING

Don't stop with the achieved. G. Neechevov. *Nar. khoz. Kazakh.* 23 no. 9: 43 Ag '65.

A giant deposit is re-creating. O. Kim, G. Sierpanov. *Nar. khoz. Kazakh.* 23 no. 9: 15-17 S '65.

KARAGANDA BASIN—COAL MINES AND MINING—ECONOMIC ASPECTS

Scientific economic conference. L. N. Lakshina, V. N. Shavernev. *Vest. AN Kazakh SSR* 21 no. 9: 81-83 S '65.

KARAGANDA BASIN—LAMELLIBRANCHIATA, FOSSIL

Aleksandr-Sadova, T. A. [Lamellibranchiata from Carboniferous sediments in the Karaganda Basin] *Plastinitsy i zhivyye iz kamennougolnykh otlozhenii Karagandinskogo basseina*. Moskva, Nauka, 1965. 67 p. illus.

KARAGANDA BASIN—LUMBERYARDS—MANAGEMENT

Advantages of concentration. M. Zhumabaeva, N. Ovsian-nikova. *Nar. khoz. Kazakh.* 23 no. 8: 72-74 Ag '65.

KARAGANDA PROVINCE—BAKERIES

In the enterprises of the Karaganda Baking Combine. V. F. Lebedev. *Khleb, i kond. prom.* 9 no. 9: 36-37 S '65.

KARAGANDA PROVINCE—CAPITAL

Strive for minimum expenditures. G. Elgin, K. Ketebaev. *Nar. khoz. Kazakh.* 23 no. 8: 18-20 Ag '65.

KARAGANDA PROVINCE—ELECTRIC POWER DISTRIBUTION

Public review of industrial production reserves of the Karaganda Electric Utility System. I. K. Sharapov. *Energetik* 13 no. 5: 27 Ag '65.

KARAGANDA PROVINCE—HORSES—DISEASES AND PESTS

Atypical form of the course of encephalomyelitis in horses on the farms of Karaganda Province. M. M. Shakhmatov and others. *Vest. sel'khoz. nauki [Kazakh.]* 9 no. 0: 43-50 S '65.

KARAGANDA PROVINCE—TECHNOLOGICAL INNOVATIONS—STUDY AND TEACHING

Schools of progressive practice. B. Zhakiyev, L. Kailik, L. Rakhkovskii. *Nar. khoz. Kazakh.* 23 no. 9: 39-40 S '65.

KARAKUL SHEEP

Building up a breeding flock from black ewes producing golden-fleeced lambs. M. D. Zakharov, T. Rometov. *Agrobiologiya* no. 5: 750-761 S-O '65.

KARAMAZAR MOUNTAINS—DIKES (GEOLOGY)

Geological and petrographical characteristics and features of the genesis of complex dikes in the Karamazar dike belt (Eastern Karamazar Mountains). G. T. Tadzhibaev. *Zap. Tadzh. otd. Vses. min. ob-va* no. 2: 112-120 '64.

KARAMAZAR MOUNTAINS—SEISMIC PROSPECTING

Seismic prospecting in the deep geological mapping of the Almaty ore region. A. P. Volin, V. I. A. Lapidus, I. B. Uraltseva. *Uzb. geol. zhur.* 9 no. 4: 10-16 '65.

KARAMZIN, NIKOLAI MIKHAILOVICH, 1760-1826

From the history of Russian romanticism; N. M. Karamzin's literary and theoretical opinions, 1787-1792. G. A. Vishnevskaya. *Uch. zap. Kaz. un.* 124 no. 5: 26-106 '64.

KARELIA—FOREST MANAGEMENT

Koshkin, G. I. [Make better use of forest resources] *Polnoe ispol'zovanie leanye bogatstva. Petoaravodsk, Karelskoe knizhnoe izd-vo, 1964. 59 p. (DNAL)*

KARELIA—GABBRO

Geochemistry of scandium in the alkali gabbroids of Karelia. A. A. Kukharenko, L. P. Murav'eva. *Min. i geokhim.* no. 1: 181-191 '64.

KARELIA—HISTORY

Germakov, A. P. [Approaching the dawn] *Zarenavel'stechi. Petoaravodsk, Karelskoe knizhnoe izd-vo, 1964. 96 p. (NIP)*

KARELIA—INLAND WATER TRANSPORTATION

The White Sea-Omega Steamship Company is 25 years old. V. Uspekii. *Rech. transp.* 24 no. 8: 7-9 '65.

KARELIA—LAKES

Abundance of bogs and lakes of southern Karelia based on the example of the waterlogged of the Sana and Shud Rivers. G. I. Gritsaevskaya. *Trudy Kar. fil. AN SSSR* no. 36: 80-72 '64.

Variability in the abundance of lakes in the drainage areas of the rivers of Karelia. S. V. Grigor'ev. *Trudy Kar. fil. AN SSSR* no. 36: 10-59 '64.

KARELIA—LIMNOLOGY

Akademii nauk SSSR. Kareliiskii filial, Petrozavodsk, Institut biologii. [Fauna of the lakes of Karelia, invertebrates] Fauna ozer Karelii, bespozvonochnye Moskva, Nauka, 1965 323 p.

KARELIA—METALS, RARE AND MINOR

Rare elements in the rocks of the exocontact aureoles of ultrabasic and alkali intrusions in the Karelia-Kola region A. S. Sergueev. *Mn. i geokhim.* no. 1 192-210 '64.

KARELIA—NEMATODA

Occurrence of *Philomena sibirica* (Bauer, 1946) (Nematoda, Dracunculidae) in *Coregonus albula* L. of the Karelian lakes E. A. Rumiantsev. *Zool. zhur.* 14 no. 7 1082-1083 '65

KARELIA—PARASITES—WHITEFISHES

Occurrence of *Philomena sibirica* (Bauer, 1946) (Nematoda, Dracunculidae) in *Coregonus albula* L. of the Karelian lakes E. A. Rumiantsev. *Zool. zhur.* 44 no. 7 1082-1083 '65

KARELIA—RARE-EARTH METALS

Geochemistry of rare-earth elements in the alkali-ultrabasic rocks of the Kola Peninsula and Karelia A. A. Kukharenko and others. *Mn. i geokhim.* no. 1, 211-236 '64.

KARELIA—RIVERS

Flow of solutes in the rivers of the northern and north-eastern shores of Lake Ladoga. N. S. Kharkevich. *Trudy Kar. fil. AN SSSR* no. 36-73-98 '64.

KARELIA—SCANDIUM

Geochemistry of scandium in the alkali gabbroids of Karelia A. A. Kukharenko, L. P. Murav'eva. *Mn. i geokhim.* no. 1 181-181 '64

KARELIA—SWAMPS

Abundance of bogs and lakes of southern Karelia based on the example of the watersheds of the Suna and Shul Rivers. G. L. Gritsevalskaya. *Trudy Kar. fil. AN SSSR* no. 36 50-72 '64.

KARELIA—WATER, UNDERGROUND

Evaluation of the base flow into rivers of the Kola Peninsula and Karelia. N. P. Nebozheva. *Trudy GGI* no. 122 67-81 '65.

KARELIA—WATER RESOURCES DEVELOPMENT

Experience in the evaluation of the complex of the utilization of inland water of the Karelian A. S. R. S. V. Grigor'ev. *Trudy Kar. fil. AN SSSR* no. 36-3-17 '64

KARELIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Gerasimov, G. A. [Partisan kilometers; reminiscences] Partizanskie kilometry, vospominaniya, Petrozavodsk, Karelskoe knizhnoe izd-vo, 1965. 150 p.

KARELIANS—SOCIAL LIFE AND CUSTOMS

Taroeva, R. F. [Material culture of the Karelians (the Karelian A. S. R.), an ethnographic study] Material'naya kul'tura kareli (Kareliiskaya ASSR), etnograficheskiy ocherk. Moskva, Nauka, 1965. 222 p. illus.

KARST

(see also subdivision under Ay River Watershed, Central Russian Upland; Crimea, Crimean Mountains; Dolomites Valley, Georgia; Kazakhstan, Skalisty Range, Caucasus, Transbaikalia; Ustyurt; Volga Valley; Yakutia)

Karst and hydraulic engineering construction. D. S. Sokolov. *Trudy MOIP* 15:91-93 '65.

Karst containing bauxite-bearing sediments. G. I. Bushinskii. *Trudy MOIP* 15:98-105 '65.

Study of karst in the mass construction of small reservoirs. N. V. Rodionov. *Trudy MOIP* 15:94-98 '65.

Types of karst and the interrelationship between the development of karst and the formation of cover sediments. V. S. Lukin. *Trudy MOIP* 15:73-78 '65.

KARST—CLASSIFICATION

(see also subdivision under Caucasus, Northern, East European Plain; Ural Mountains)

Typology and classification of karst in the U. S. S. R. N. A. Gvozdet'skii. *Trudy MOIP* 15:5-11 '65.

KARVINA, CZECHOSLOVAKIA—COAL MINES AND MINING

Raising the effectiveness of production. Bruno Bobrek. *Part. zhizn'* no. 19-70-72 O '65.

KARVINA, CZECHOSLOVAKIA—COMMUNIST PARTY

Raising the effectiveness of production. Bruno Bobrek. *Part. zhizn'* no. 19-70-72 O '65.

KARYOKINESIS

Duration of individual mitotic cycle phases in human amnion cells in vitro. V. V. Tersikh. *Izv. AN SSSR, Ser. biol.* no. 5:778-779 S-O '65.

KASKELN DISTRICT—BAKERIES

Bread combine with independent business accounting. N. Ten. *Sov. potreb. koop.* 9 no. 9:20-22 S '65.

KATA VALLEY—ORE DEPOSITS

Bundle structure of the upper parts of the Angara-Ilim-type iron-ore deposits as revealed by a study in the Kapayev deposit. L. G. Stukhovich, P. M. Shiriaev. *Geol. i geofiz.* no. 7 120-124 '65.

KATANGA PROVINCE (CONGO)—MINES AND MINERAL RESOURCES

The burning heats of Africa. A. Kokiev. *Mol. komm.* no. 8:103-107 '65.

KATATONIA see Catantonia

KATSEIKO, ARKADII NIKOLAEVICH, 1905-

Plant breeder and biologist K. V. Ryzhova, A. Z. Tsvindu. *Vest. sel'khoz. nauk* [Kazakh] 8 no. 9 116-117 S '65

KATZ, KATHLEEN, 1908-

People and events: Amintore Fanfani, Kathle Katz. *Nov. vrem.* 23 no. 49:21 O '65.

KAZAKEVICH, EMMANUIL GENRIKHOVICH, 1913-1962

Image of V. I. Lenin in E. Kazakevich's tale "Blue notebook." S. Kh. Akhmedov. *Vest. LGU* 20 no. 14:73-82 '65.

KAZAKH LANGUAGE—PHONETICS

Special phonetic features of the language spoken by Kazakhs in the Taktakypyskiy, Molnaskiy and Karau-zekskiy Districts of the Kazakh A. S. S. R. N. Dzhamusov. *Izv. AN Kazakh. SSR, Ser. obschestv. nauk* 3 no. 3 92-100 My-Je '65.

KAZAKHS

Materials on the dermatoglyphics of Kazakhs. T. D. Gladkova. *Vop. antr.* no. 16:77-86 '65.

KAZAKHSTAN—APPLE—DISEASES AND PESTS

Seasonal dynamics of the ash elements and water balance of chiozotic apple trees in central Kazakhstan. I. D. Zelenikhin. *Vest. sel'khoz. nauk* [Kazakh] 8 no. 8 92-96 Ag '65.

KAZAKHSTAN—ARCHAEOLOGICAL RESEARCH

Work of the Ch. Ch. Valikhanov Institute of History, Archaeology and Ethnography. *Vest. AN Kazakh. SSR* 21 no. 9 86-87 S '65.

KAZAKHSTAN—ATMOSPHERIC TEMPERATURE

Thermal conditions and postharvest crops in the southern part of Kazakhstan. G. G. Beloborodova. *Vest. sel'khoz. nauk* [Kazakh] 8 no. 8 102-110 Ag '65.

KAZAKHSTAN—BUDGET

Budget and the tasks of financial organs. I. Kim. *Nar. khoz. Kazakh.* 23 no. 8:44-47 Ag '65.

KAZAKHSTAN—CATTLE—DISEASES AND PESTS

Vibriontic abortion of cattle in Kazakhstan. A. V. Golikov, N. V. Batluta. *Veterinarnia* 42 no. 7:75-76 J1 '65.

KAZAKHSTAN—COCCIDIUM

Seasonal and age-related dynamics of the Coccidium infection of geese. N. K. Rakhmatulina. *Izv. AN Kazakh. SSR, Ser. biol. nauk* 3 no. 3 71-79 My-Je '65.

KAZAKHSTAN—COAL

Structure of the fuel balance. M. Sakbaev. *Nar. khoz. Kazakh.* 23 no. 8:20-21 Ag '65.

KAZAKHSTAN—COMMUNIST EDUCATION—AUDIO-VISUAL AIDS

Circulation of a school for artists-illustrators. *Agitator* 33 no. 18:31-32 S '65.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION

Organizational activity of the Communist Party of Kazakhstan for the war. S. Baisembayev, M. Kozybaev. *Izv. AN Kazakh. SSR, Ser. obschestv. nauk* 3 no. 4:14-22 Ji-Ag '65.

KAZAKHSTAN—CONSTRUCTION EQUIPMENT

Use of equipment and economic calculations. G. Vereshagin, A. Zorina. *Nar. khoz. Kazakh.* 23 no. 9:53-54 S '65.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—MANAGEMENT

Chief economists are on the right flank. *Nar. khoz. Kazakh.* 23 no. 9:56-59 S '65.

Plan and organize work with consideration of the future. S. Mil'gram. *Nar. khoz. Kazakh.* 23 no. 9:63-66 S '65.

Strengthen economic levers in construction. *Nar. khoz. Kazakh.* 23 no. 8:69-71 Ag '65.

KAZAKHSTAN—COOPERATIVE SOCIETIES

Leading workers improve their qualifications. K. Tielakov. *Sov. potreb. koop.* 9 no. 8:12-13 S '65.

KAZAKHSTAN—COPPER ORES

Russkovskoye copper deposit in the northeastern part of central Kazakhstan. T. Ch. Cholpankulov, T. Sroilylov. *Trudy Inst. geol. nauk AN Kazakh. SSR* 12:150-161 '65

KAZAKHSTAN—CORN (MAIZE)—IRRIGATION

Use of simazine and atrazine in corn fields on irrigated lands in Kazakhstan. E. A. Amantayev. *Klim. v sel'khoz.* 1 no. 8 45-47 Ag '65

KAZAKHSTAN—COWS

Some physiological and biochemical blood indicators of mixed (Jersey-Alatau) and pure Alatau cows. A. IU. Kozhakhmetova, N. K. Kozhakhmetov. *Izv. AN Kazakh. SSR, Ser. biol. nauk* 3 no. 3 85-89 My-Je '65

KAZAKHSTAN—CROPS AND CLIMATE

Thermal conditions and postharvest crops in the southern part of Kazakhstan. G. G. Beloborodova. *Vest. sel'khoz. nauk* [Kazakh] 8 no. 8 102-110 Ag '65.

KAZAKHSTAN—CULTURE

Blooming Kazakhstan. Y. Belousov, T. Katnev. *Komm. Ukr.* 10 no. 6:63-72 S '65.

KAZAKHSTAN—DODDER

Testing herbicides for the extermination of dodder in sugar beet fields. P. N. Tila'kov. *Vest. sel'khoz. nauk* [Kazakh] 8 no. 8 43-47 Ag '65

KAZAKHSTAN—DORMICE

Fauna of the nests of the forest dormouse *Dromys nitedula* in the southeast of Kazakhstan. G. IA. Kosolapova, T. M. Novikova. *Vest. sel'khoz. nauk* [Kazakh] 8 no. 9:93-96 S '65.

KAZAKHSTAN—DUCKS—DISEASES AND PESTS

Peritonitis of ducks. Report no. 1. S. A. Farin. *Vest. sel'khoz. nauk* [Kazakh] 8 no. 9 50-51 S '65

KAZAKHSTAN—ECONOMIC CONDITIONS

Blooming Kazakhstan. Y. Belousov, T. Katnev. *Komm. Ukr.* 40 no. 6:63-72 S '65.

Kehlibekov, D. [Standards and falsifiers of the history of the peoples of Soviet Kazakhstan] Klovotniki i falsifikatory istorii narodov Sovetskogo Kazakhstana. Alma-Ata, Ob-vo po rasprostraneniya polit. literatury, znani Kazakhskoi SSR, 1961. 31 p. [MICROFILM]

A model list of the themes of dissertations on some economic problems; based on materials from Kazakhstan. *Izv. AN Kazakh. SSR, Ser. obschestv. nauk* 3 no. 4:82-84 Ji-Ag '65.

KAZAKHSTAN—ECONOMIC GEOGRAPHY

Iarmukhamedov, M. Sh. [Economic geography of the Kazakh S. S. R.; student textbook for the faculties of natural history and geography of Kazakhstan pedagogical institutes] Ekonomicheskaya geografiya Kazakhskoi SSR, uchebnik dlia studentov obshchestvenno-geograficheskikh fakul'tetov pedagogicheskikh institutov Kazakhstana, Alma-Ata, Mektep, 1964. 240 p. illus., map. [CST-II]

KAZAKHSTAN—ECONOMIC RESEARCH

First results and new tasks. N. Kuzenbaev. *Nar. khoz. Kazakh.* 23 no. 0:00-02 Ag '65.

KAZAKHSTAN—ETHNOLOGICAL RESEARCH

Work of the Ch. Ch. Valikhanov Institute of History, Archaeology and Ethnography. *Vest. AN Kazakh. SSR* 21 no. 9:86-87 S '65.

KAZAKHSTAN—EUCOMMIA

Blossoming of *Eucommia* in Kazakhstan. L. F. Dolosil'dova. *Blul. Glav. bot. snda* no. 57:104-106 '65

KAZAKHSTAN—FARMS—VALUATION

Studying the fertility factors by methods of mathematical statistics in testing the methodology of land evaluation. I. E. Vasil'ev, M. IA. Iagutkin. *Vest. sel'khoz. nauk* [Kazakh] 8 no. 8:3-12 Ag '65.

KAZAKHSTAN—FAULTS (GEOLOGY)

Distribution of deep faults in Kazakhstan. A. P. Andreev and others. *Izv. AN Kazakh. SSR, Ser. geol.* 22 no. 4: 11-17 Ji-Ag '65.

KAZAKHSTAN—FERNS, FOSSIL

New preform from the Middle Devonian of Kazakhstan. A. L. Turina. *Paleont. zhur.* no. 3:110-122 '65.

KAZAKHSTAN—FINANCE

Budget and the tasks of financial organs. I. Kim. *Nar. khoz. Kazakh.* 23 no. 8:44-47 Ag '65.

KAZAKHSTAN—GEOLOGICAL TIME

Age of intrusive rocks in the southern part of the Tokrau synclinalorium (central Kazakhstan). M. K. Bakhitov and others. Vest Mosk. un. Ser. 4 (Geol.), 20 no. 4: 39-46. Ji-Ag '65.

KAZAKHSTAN—GEOLOGY, ECONOMIC

Characteristics of the composition of nepheline rocks in the Kubaevskiy Massif as complex raw material. A. N. Nurlybaev. Trudy Inst. geol. nauk AN Kazakh SSR 12:25-42 '65.

KAZAKHSTAN—HAFNIUM

Hafnium in zirconium from granitoids in the Zetena Massif. R. G. Gabov, V. I. Seiyev, E. K. Mikhailova. Izv. AN Kazakh SSR, Ser. geol., 22 no. 1:65-69. Ji-Ag '65.

KAZAKHSTAN—HALOGENS

Middle Paleozoic red-bed halogen sediments in the southwestern part of central Kazakhstan. V. I. Dlitai, V. I. Tikhomirov. Dokl. AN SSSR 161 no. 2:118-121 S '65.

KAZAKHSTAN—HISTORICAL RESEARCH

Work of the Ch. Ch. Valikhanov Institute of History, Archaeology and Ethnography. Vest. AN Kazakh SSR 21 no. 8:66-67 S '65.

KAZAKHSTAN—HISTORY

Akademii nauk Kazakhskoi SSR, Alma-Ata, Institut filosofii i prava. [History of the state and law of Soviet Kazakhstan] Istoriia gosudarstva i prava Sovetskogo Kazakhstana. Pod red. S. Z. Zimanova, M. A. Bindera. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR. Vol. 3. 1938-1958 gody. 1965. 431 p.

KAZAKHSTAN—INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR

Organization of repairs of industrial basis. P. Skharov. Nar. khoz. Kazakh, 23 no. 8:55-57. Ag '65.

KAZAKHSTAN—INDUSTRIAL MANAGEMENT

Enterprises should have economically sound plans. P. Efremov, V. Cherkasov. Nar. khoz. Kazakh, 23 no. 8:3-7. Ag '65.

The manager's authority. P. Iatsenko. Nar. khoz. Kazakh, 23 no. 8:29-33. Ag '65.

KAZAKHSTAN—INDUSTRIAL PLANTS—DESIGN AND CONSTRUCTION

According to the laws of beauty and expediency. V. Gri-goriev. Nar. khoz. Kazakh, 23 no. 8:67-70 S '65.

KAZAKHSTAN—INDUSTRIAL PROCUREMENT

Improve the procurement system. I. Zhachev. Nar. khoz. Kazakh, 23 no. 8:34-37. Ag '65.

KAZAKHSTAN—IONOSPHERIC RESEARCH

Academy of Sciences of the Kazakh S.S.R. and ionospheric research during the International Year of the Quiet Sun. M. P. Rudina. Vest. AN Kazakh SSR 21 no. 9:86-89 S '65.

KAZAKHSTAN—IRRIGATION—ECONOMIC ASPECTS

System of engineering and economic indices for the evaluation of the effectiveness of irrigation measures. T. K. Abishev. Vest. sel'khoz. nauki [Kazakh.] 8 no. 8:74-81. Ag '65.

KAZAKHSTAN—JET STREAM

Some parameters of jet streams in Kazakhstan and instructions for forecasting them. R. S. Golubov. Trudy KazNIGMI no. 23:27-38 '65.

KAZAKHSTAN—KARST

Silification and karst in the Upper Devonian and Lower Carboniferous carbonate rocks of central Kazakhstan. A. B. D'Inchikov. Izv. vys. ucheb. zav., geol. i razv. 8 no. 8:34-41 S '65.

KAZAKHSTAN—LABOR AND LABORING CLASSES

The state and further tasks of the study of the participation of the workers of Kazakhstan in the Great Patriotic War. S. N. Pokrovskii. Izv. AN Kazakh SSR Ser. obshchestv. nauk 3 no. 4:23-29. Ji-Ag '65.

KAZAKHSTAN—LAGOCHILUS

Anatomical study of *Lagochilus latiscanthus* Fisch. et Mey. R. G. Medvedeva. Izv. AN Kazakh SSR Ser. biol. nauk 3 no. 3:26-37. My-Je '65.

KAZAKHSTAN—LAW

Akademii nauk Kazakhskoi SSR, Alma-Ata, Institut filosofii i prava. [History of the state and law of Soviet Kazakhstan] Istoriia gosudarstva i prava Sovetskogo Kazakhstana. Pod red. S. Z. Zimanova, M. A. Bindera. Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR. Vol. 3. 1938-1958 gody. 1965. 431 p.

KAZAKHSTAN—LAZULITE

Lazulite in the secondary quartzites of the Saranskoye Massif in central Kazakhstan. K. A. Abdurakhmanov. Trudy Inst. geol. nauk AN Kazakh SSR 12:102-105 '65.

KAZAKHSTAN—LEACHING

Leaching of lead from the upper part of the oxidation zone in complex metal deposits in central Kazakhstan, in siliceous and barite rocks. L. I. Burshtein. Vest Mosk. un. Ser. 4 Geol., 20 no. 4:29-38. Ji-Ag '65.

KAZAKHSTAN—LEAD

Leaching of lead from the upper part of the oxidation zone in complex metal deposits in central Kazakhstan, in siliceous and barite rocks. E. F. Burshtein. Vest Mosk. un. Ser. 4 Geol., 20 no. 4:29-38. Ji-Ag '65.

KAZAKHSTAN—MANUFACTURES

Restore the local industry. I. Ivanov. Nar. khoz. Kazakh, 23 no. 8:71-73 S '65.

KAZAKHSTAN—MERINO SHEEP

Use of hormonal serum for Kazakhstan Angli Merino sheep. Zh. Malibayev, A. Sh. M. Amambayev. Vest sel'khoz. nauki [Kazakh.] 8 no. 8:7-12 S '65.

KAZAKHSTAN—METASOMATISM

Petrochemistry of the secondary quartzites of the Irak Massif. T. Ch. Chelpankulov. Trudy Inst. geol. nauk AN Kazakh SSR 12:148-155 '65.

KAZAKHSTAN—NEPHELINE

Characteristics of the composition of nepheline rocks in the Kubaevskiy Massif as complex raw material. A. N. Nurlybaev. Trudy Inst. geol. nauk AN Kazakh SSR 12:25-42 '65.

KAZAKHSTAN—NICKEL

Deposits of silicate-nickel ores in the Char belt. N. V. Supinsin. Izv. AN Kazakh SSR, Ser. geol., 22 no. 4: 23-34. Ji-Ag '65.

KAZAKHSTAN—NONFERROUS METAL INDUSTRIES—RESEARCH

Strengthen the work of pilot shops. D. Kopechenko, R. Islimov, V. Melorovich. Nar. khoz. Kazakh, 23 no. 8:11-11 S '65.

KAZAKHSTAN—PARASITES—GESE

Seasonal and age-related dynamics of the Coccidium infection of geese. N. K. Rakhmatulina. Izv. AN Kazakh SSR Ser. biol. nauk 3 no. 3:71-79. My-Je '65.

KAZAKHSTAN—PEGMATITES—THERMAL PROPERTIES

High temperature microanalysis of some pegmatites of Kazakhstan. A. A. Golovin. Geol. i geofiz., no. 8:120-129 '65.

KAZAKHSTAN—PETROGLYPHS

Petroglyphs in the "labyrinth" of southeastern Kazakhstan. P. I. Markovskii. Vest. AN Kazakh SSR 22 no. 8:77-80. Ag '65.

KAZAKHSTAN—PLANTS—TRANSPIRATION

Significance of vegetal discharge in the hydrogeological balance of the Karakumy-Jaykonur region. V. N. Ostrovskii. Izv. AN Kazakh SSR, Ser. geol., 22 no. 4: 35-44. Ji-Ag '65.

KAZAKHSTAN—PRECAST CONCRETE CONSTRUCTION

Mobile plants instead of stationary ones. S. Kiylov. Nar. khoz. Kazakh, 23 no. 8:80-81 S '65.

Taking into consideration the needs of the village. V. I. Kiylov. Nar. khoz. Kazakh, 23 no. 8:82 S '65.

KAZAKHSTAN—PRECIPITATION (METEOROLOGY)

Terminal precipitation forecast on the basis of constant-pressure charts. M. Kh. Bahilal. Trudy KazNIGMI no. 23:21-25 '65.

KAZAKHSTAN—PRODUCTION STANDARDS

Control over the introduction of centrally developed norms. V. Fingenev. Sots. trud., 10 no. 8:118-118 '65.

KAZAKHSTAN—PROSPECTING

Pave the way for mining prospecting. B. Rukhin, V. Matukovich. Nar. khoz. Kazakh, 23 no. 8:74-75 S '65.

KAZAKHSTAN—QUARTZ

Origin of banded quartz-huebnerite veins of the "Zapadnoye" deposit in central Kazakhstan. I. V. Buldakov. Min. i geokhim., no. 1:95-106 '64.

KAZAKHSTAN—QUARTZITE

Lazulite in the secondary quartzites of the Saranskoye Massif in central Kazakhstan. K. A. Abdurakhmanov. Trudy Inst. geol. nauk AN Kazakh SSR 12:102-105 '65.

Petrochemistry of the secondary quartzites of the Irak Massif. T. Ch. Chelpankulov. Trudy Inst. geol. nauk AN Kazakh SSR 12:148-155 '65.

Rusakovskoye copper deposit in the northeastern part of central Kazakhstan. T. Ch. Chelpankulov, T. Sraiylov. Trudy Inst. geol. nauk AN Kazakh SSR 12:156-161 '65.

Some problems of the geology of secondary quartzites as revealed by a study of the Buguly-Urpek Massif. T. Ch. Chelpankulov. Trudy Inst. geol. nauk AN Kazakh SSR 12:168-178 '65.

KAZAKHSTAN—REGIONAL PLANNING

Ignoring local organs. A. Sedel'nikov. Nar. khoz. Kazakh, 23 no. 8:8-9. Ag '65.

KAZAKHSTAN—RESEARCH

Contribution of the Republic's scientists to the mobilization of the resources of Kazakhstan for the defeat of Fascist Germany. N. Edygenov. Izv. AN Kazakh SSR Ser. obshchestv. nauk 3 no. 1:61-73. Ji-Ag '65.

New scientific institutions. Vest. AN Kazakh SSR 21 no. 9:68 S '65.

KAZAKHSTAN—ROCKS—DENSITY

Density of rocks in southern Kazakhstan. N. I. Kumin. Prikl. geofiz., no. 4:177-184 '65.

KAZAKHSTAN—ROCKS, IGNEOUS

Age of intrusive rocks in the southern part of the Tokrau synclinalorium (central Kazakhstan). M. K. Bakhitov and others. Vest Mosk. un. Ser. 4 Geol., 20 no. 1:39-46. Ji-Ag '65.

Alkali granite formation in the Chingiz zone. V. N. Zyrinov. Trudy Inst. geol. nauk AN Kazakh SSR 12:113-128 '65.

KAZAKHSTAN—ROCKS, IGNEOUS—ANALYSIS

Petrochemical characteristics of some granite intrusions in Kazakhstan. K. B. Zariyanov. Geokhimiia no. 5:587-601. My '65.

KAZAKHSTAN—ROCKS, SEDIMENTARY

Middle Paleozoic red-bed halogen sediments in the southwestern part of central Kazakhstan. V. I. Dlitai, V. I. Tikhomirov. Dokl. AN SSSR 161 no. 2:118-121 S '65.

KAZAKHSTAN—ROCKS, SILICEOUS

Silification and karst in the Upper Devonian and Lower Carboniferous carbonate rocks of central Kazakhstan. A. B. D'Inchikov. Izv. vys. ucheb. zav., geol. i razv. 8 no. 8:34-41 S '65.

KAZAKHSTAN—RURAL CONSTRUCTION

Mobile plants instead of stationary ones. S. Kiylov. Nar. khoz. Kazakh, 23 no. 8:80-81 S '65.

KAZAKHSTAN—SERVICE INDUSTRIES

The service industry is an important branch of social production. A. Saktapov, R. Fotteler, Z. Kurbanova. Nar. khoz. Kazakh, 23 no. 8:39-42. Ag '65.

KAZAKHSTAN—SHEEP

Important potential for increasing the production of meat and wool. N. Sokolov. Ekon. sel'khoz. 11 no. 8:83-86 S '65.

KAZAKHSTAN—SHEEP—WATERING

Magnitude of the radius of a watering place for sheep and basic principles of the distribution of watering stations in pastures. I. I. Babenko. Nauch. trudy VNIIGIM 45:176-187 '65.

KAZAKHSTAN—SHEEP BREEDING

Breeding fat-tailed sheep for large lambs. V. Ten. Vest. sel'khoz. nauki [Kazakh.] 8 no. 8:52-55. Ag '65.

KAZAKHSTAN—SHEEP BREEDS

Age-related changes in the live weight and body conformation of Kazakh Angli-Merino sheep. I. M. Seidzhimov. Vest. sel'khoz. nauki [Kazakh.] 8 no. 8:55-59. Ag '65.

KAZAKHSTAN—SHEEP-DIP

Increasing the effectiveness of sheep dipping. A. G. Malishevskaya, I. M. Grudina. Vest. sel'khoz. nauki [Kazakh.] 8 no. 8:67-71. Ag '65.

KAZAKHSTAN—SILICATES

Deposits of silicate-nickel ores in the Char belt. N. V. Supinsin. Izv. AN Kazakh SSR, Ser. geol., 22 no. 4: 23-34. Ji-Ag '65.

KAZAKHSTAN—SOILS—ANALYSIS

Organization of the continuous line method for the agrochemical analysis of Steppes in southern Kazakhstan. V. P. Egorov, L. P. Uskova. Vest. sel'khoz. nauki [Kazakh.] 8 no. 9:105-106 S '65.

KAZAKHSTAN—SOILS—CLASSIFICATION

Interrepublic expedition of the soil scientists of Central Asia and Kazakhstan for coordinating the problems of soil classification and nomenclature. A. Z. Gennasov and others. Porchvedenie no. 8:123-124. Ag '65.

KAZAKHSTAN—SPIDERS

New genus and new species of spiders (Aranei) from Kazakhstan. V. P. Tyshchenko. Ent. obozr., 44 no. 3: 693-704 '65.

KAZAKHSTAN—STATE FARMS

Logvinov, V. S. [Whiff of the steppe breeze; sketches] Dvukh stepnogo vetra, ocherki. [Savropol'] Savropol'skoe knizhnoe izd-vo, 1964. 78 p. (DNAI)

KAZAKHSTAN—STONE AGE

Origin of the ancient paleolith of Sary-Arka. A. G. Mordov, L.V. AN Kazakh SSR, Ser. obshchestv. nauk 3 no. 4:77-81. JI-Ag '65.

KAZAKHSTAN—SUGAR BEETS

Chemical weed control in sugar beet fields. G. M. Tshukerman. Vest sel'khoz nauk (Kazakh) 8 no. 8:117-121. Ag '65.

KAZAKHSTAN—TANTALUM

Tantalum in alaskites and subalkaline granites in the eastern part of central Kazakhstan. Geokhimiya no. 5:574-581. My '65.

KAZAKHSTAN—TECHNICAL LIBRARIES

Unified system of library and bibliographical service for enterprises of the Kazakh S.S.R. N. A. Ovchinnikov. NTI no. 7:8-11. '65.

KAZAKHSTAN—TEXTILE INDUSTRY

Some problems of the development of the textile industry in Kazakhstan. N. S. Satybaldin, N. V. Krutikova. Tekst. prom. 25 no. 8:1-4. Ag '65.

KAZAKHSTAN—TUNGSTEN ORES

Golman, I. A. D., and V. M. Malakhova. [Alteration of the granitic wall rocks of a tungsten deposit in Kazakhstan]. Okolozhizhnye izmeneniya granitnykh porod volframovogo mestorozhdeniya v Kazakhstane. Moskva, Nedra, 1965. 114 p.

KAZAKHSTAN—WASTE HEAT

Employ secondary power resources! A. Zakharov, I. U. Doronin, A. Panin. Nar. khoz. Kazakh. 23 no. 9:28-27. S '65.

KAZAKHSTAN—WATER—COMPOSITION

Hydrochemical principles of the desalination process and the soda period of the hydrocarbonate stage of the diagenesis of northern Kazakhstan and the Altai plain (slope, river, and lake waters). P. P. Voronkov. Trudy GGI no. 119:7-52. '65.

KAZAKHSTAN—WATER, UNDERGROUND

New data on Permian-Triassic underground waters in the Ural Valley portion of Aktyubinsk Province. I. B. Dal'ian, Zh. Sydykov. Izv. AN Kazakh SSR, Ser. geol. 22 no. 1:69-73. JI-Ag '65.

Significance of vegetal discharge in the hydrogeological balance of the Karakum-Baykonur region. V. N. Ostrovskii. Izv. AN Kazakh SSR, Ser. geol. 22 no. 4:35-44. JI-Ag '65.

KAZAKHSTAN—WINDS

Strong winds over central and eastern Kazakhstan. T. A. Cserkepova. Trudy kazNIGMI no. 23:39-67. '65.

KAZAKHSTAN—WOLFRAMITE

Origin of banded quartz-huebnerite veins of the "Zapadnoye" deposit in central Kazakhstan. I. V. Buldakov. Min. i geokhim. no. 1:95-106. '64.

KAZAKHSTAN—WORLD WAR, 1939-1945

Contribution of the republic's scientists to the mobilization of the resources of Kazakhstan for the defeat of Fascist Germany. N. E. Dygenov. Izv. AN Kazakh SSR, Ser. obshchestv. nauk 3 no. 4:64-73. JI-Ag '65.

KAZAKHSTAN—WORLD WAR, 1939-1945—ECONOMIC ASPECTS

Labor exploits of the workers, collective farmers and intellectuals of Kazakhstan during the war years. A. Balshin, T. Balakova. Izv. AN Kazakh SSR, Ser. obshchestv. nauk 3 no. 4:30-34. JI-Ag '65.

Organizational activity of the Communist Party of Kazakhstan for the war. S. Belsimbayev, M. Kozybaev. Izv. AN Kazakh SSR, Ser. obshchestv. nauk 3 no. 4:14-22. JI-Ag '65.

KAZAKHSTAN—WORMWOOD

Distribution and ecology of Artemisia cina Berg. G. R. Baltabaeva. Izv. AN Kazakh SSR, Ser. biol. nauk 3 no. 3:38-46. My-Je '65.

KAZAKHSTAN—ZIRCONIUM

Isotopes in zircons from granitoids in the Zerenskiy Massif. I. U. G. Gabov, V. I. Serykh, E. K. Mikhailova. Izv. AN Kazakh SSR, Ser. geol. 22 no. 4:65-68. JI-Ag '65.

KAZALENSKIY DISTRICT—HEMORRHAGIC SEPTICEMIA

Pasteurellosis in man in Kazalinskiy District of Kyzyl-Orda Province. V. L. Semiotravchev and others. Zhur. mikrobiol., epid. i immun. 42 no. 8:143-144. Ag '65.

KAZAN—CANCER RESEARCH

Role of scientists of the Kazan Medical Institute in the control of malignant neoplasms. N. M. Sorokin. Nauch. trudy Kaz. gos. med. inst. 14:48-51. '64.

KAZAN—CHILDREN—GROWTH

Indicators of the physical development and the state of health of Kazan children of preschool age according to the materials of kindergarten inspection during 1961-1962. R. V. Tukhvatullina. Nauch. trudy Kaz. gos. med. inst. 14:53-54. '64.

KAZAN—DIPHTHERIA—PREVENTIVE INOCULATION

Incidence of diphtheria in Kazan and the fundamental stages of its eradication. V. I. Kachurina, N. P. Kudryavtseva. Nauch. trudy Kaz. gos. med. inst. 11:35-36. '61.

KAZAN—LEPTOSPIROSIS

Leptospirosis in man induced by Leptospira icterus. Z. Kh. Karimova. Nauch. trudy Kaz. gos. med. inst. 11:445-447. '61.

KAZAN—MEDICAL SOCIETIES

Kazan Society of Physicians and social medicine in Russia. N. I. Zhuchkova. Nauch. trudy Kaz. gos. med. inst. 14:27-28. '64.

KAZAN—OTORHINOLARYNGOLOGY

Incidence of otorhinolaryngological diseases among the pupils of Kazan boarding schools and measures for their control. R. A. Abukova. Nauch. trudy Kaz. gos. med. inst. 14:7-8. '64.

KAZAN—PEDIATRICS

Pages from the history of pediatrics in Kazan. T. T. Abramova. Nauch. trudy Kaz. gos. med. inst. 14:5-6. '64.

KAZAN—PROSTHODONTICS

Need of the population of Kazan for prosthodontics. S. A. Gushchina, O. N. Savostina, V. A. Sharlykov. Nauch. trudy Kaz. gos. med. inst. 14:23. '64.

KAZAN—PSYCHIATRY

Anatomico-physiological trend of the works of Kazan Psychiatrists. I. S. Bolotovskii. Nauch. trudy Kaz. gos. med. inst. 14:9-10. '61.

KAZAN—STOMATOLOGICAL RESEARCH

Basic scientific trend of the Department of Orthopedic Stomatology during 1858-1961. I. M. Oksanen. Nauch. trudy Kaz. gos. med. inst. 14:511-512. '61.

KAZAN—STOMATOLOGY

Treatment of the oral cavity in children carried out by students during their practice period of vocational training. F. G. Gasmov, G. F. Tikhonov. Nauch. trudy Kaz. gos. med. inst. 14:17-18. '61.

KAZAN—STUDENTS—HEALTH AND HYGIENE

Physical development of students of Kazan trade schools. L. S. Budyach. Nauch. trudy Kaz. gos. med. inst. 14:13-14. '64.

KAZAN—TONSILS—DISEASES

Incidence of angina in Kazan and measures for its reduction. G. V. Bukina. Nauch. trudy Kaz. gos. med. inst. 14:11-12. '64.

KAZAN—YOUNG MEN—HEALTH AND HYGIENE

Health dynamics of young men in relation to the duration of their stay in an organized collective. I. G. Gol'dfarb. Nauch. trudy Kaz. gos. med. inst. 14:19-21. '64.

KAZAN GOVERNMENT—MEDICAL GEOGRAPHY

Problems of medical geography in the works of scientists of the Medical Faculty and members of the Society of Physicians of Kazan. I. V. Landyshev. Nauch. trudy Kaz. gos. med. inst. 11:37-38. '61.

KEITA, MODIBO, 1915-

People and events: Modibo Keita, Abdul Rahman Ali-Buzza. Nov. vrem. 23 no. 11:5, 11. O '65.

KELP see subdivision under Sakhalin

KEMEROVO PROVINCE—CHEMICAL INDUSTRIES—FINANCE

Extending credit to the chemical industry. S. Tatarsov. Den. i kred. 23 no. 9:37-40. S '65.

KEMEROVO PROVINCE—COAL MINES AND MINING

All-Union seminar on the exchange of progressive practice in the hydromechanization at the Baichatskiy open-pit coal mine. I. U. Solovyanov. Ugol' 40 no. 9:77. S '65.

KEMEROVO PROVINCE—COMMUNIST YOUTH LEAGUE

Where does our time go? Boris Rogatin. Mol. komm. no. 9:30-34. S '65.

KERAMZIT

Role of gas medium in the formation of the cellular structure of keramzit. P. P. Budnikov, S. I. Gaiyaronskii, L. K. Petrov. Stuk. mat. 11 no. 8:32-33. Ag '65.

Use of structural keramzit concrete for general repairs of buildings. V. D. Kirillov. Nauch. trudy AKKH no. 31:94-97. '64.

KERATOPHYRES see subdivision under Sayan Mountains

KETENE

Reaction of perfluorodimethylketene with dimethylformamide. I. U. A. Chuburkov and others. Izv. AN SSSR, Ser. khim. no. 8:1478-1480. '65.

KETONES

2-Furyl and 5-nitrofuryl-2-acetylene ketones. S. A. Giller and others. Dokl. AN SSSR 164 no. 1:99-102. S '65.

photography of 2-acetylthiophene and its bromo derivatives. On the preceding photolysis in the electrochemical breaking of the C-H bond of 5-bromo-2-acetylthiophene. S. G. Malinovsky, N. V. Kuznetsov, I. U. B. Volkenshtein. Izv. AN SSSR, Ser. khim. no. 9:1539-1547. '65.

Reaction of aryl-β-nitrovinyl ketones with aniline. A. N. Neamenov, M. I. Rybnitskaya, I. V. Rybnitskaya. Izv. AN SSSR, Ser. khim. no. 8:1382-1388. '65.

Reaction of fluorinated ketones with olefins. N. P. Gamberlin, E. M. Rokhina, I. V. Zeltman. Izv. AN SSSR, Ser. khim. no. 8:1186-1189. '65.

Separation of some ketones by thin-layer chromatography. M. M. Buzilova, V. F. Stepanovskii. Zhur. anal. khim. 20 no. 7:859-862. '65.

KHABAROVSK—EXHIBITIONS

An exhibition on the banks of the Amur. G. Zhurikov. Nov. vrem. 23 no. 43:20-21. O '65.

KHABAROVSK—RAILROADS—HUMP YARDS

Progressive technology of a classification yard. V. A. Kondratenko. Zhel. dor. transp. 17 no. 11:1-15. Ag '65.

KHAKASS AUTONOMOUS PROVINCE—FLUIDS PAR

Fluids of contact deposits in Khakassia. L. L. Solodovnikova. Min. i geokhim. no. 1:107-111. '61.

KHAKASS LANGUAGE

Linguistics in the Khakass Scientific Research Institute of Language, Literature, and History. M. I. Morgolukov. Vop. iaz. 11 no. 4:148-149. JI-Ag '65.

KHAMAR-DABAN RANGE—GEOLOGY

Problems of the Pre-Cambrian stratigraphy and metamorphism of the southwestern part of the Lake Baikal region and Khamar-Daban Range. A. A. Shafeyev. Geol. i geofiz. no. 2:59-72. '65.

KHAMZAEV, MASHAN IAKSHIEVICH, 1915-1969

Mashan Khamzayev; an obituary. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 1:97. '65.

KHARADZHA, FEOFAN NIKOLAEVICH, 1892-

Fyofan Nikolayevich Kharadza; on his 76th birthday. Izv. LETI no. 52:211-213. '64.

KHARKEVICH, ALEKSANDR ALEKSANDROVICH, 1904-1961

A. A. Kharkevich; obituary. Radiotekhnika 20 no. 9:70-80. S '65.

Aleksandr Alekseyevich Kharkevich; obituary. Avtomatika no. 2:92. '65.

KHARKOV—CLOTHING INDUSTRY

Improvements in the "Tintakov" Clothing Factory in Kharkov. O. I. Dvushenko. Tekh. prom. no. 3:72-74. JI-S '65.

KHARKOV—CLOTHING INDUSTRY—EQUIPMENT AND SUPPLIES

Storage of clothing on clothes racks. A. Glazyrin. Sov. torg. 38 no. 9:52-54. S '65.

KHARKOV—INDUSTRIAL MANAGEMENT—CONGRESSES

Industrial Kharkov in search for the potentialities of economy. M. Kurov. Ekon. Rad. Ukr. 8 no. 8:63. Ag '65.

KHARKOV—TRACTOR INDUSTRY—MANAGEMENT

Important form of workers' participation in the management of social production. D. Iello, M. Apanovich. Ekon. Rad. Ukr. 8 no. 11:75-78. Ag '65.

KHARKOV PROVINCE—AUDITING AND INSPECTION

Improve the forms and methods of party-state control. V. Mysnychenko. Rad. pravo 28 no. 6:11-18. '65.

KHARKOV PROVINCE—COLLECTIVE FARMS—MANAGEMENT

For the efficient use of manpower on collective farms. O. Halkin. Ekon. Rad. Ukr. 8 no. 9:41-49. S '65.

KHARKOV PROVINCE—COURTS

Enhance the role of the court collegia of province and territory courts. Sots. zakon. 42 no. 9:11-13. S '65.

KHARKOV PROVINCE—CRAWLER TRACTORS—MAINTENANCE AND REPAIR

Improvement of specialized work shops. P. Solonko. Tekh. v sel'khoz. 25 no. 9:63-66. S '65.

KHARKOV PROVINCE—PUBLIC PROSECUTORS

Strengthening the tie between practice and science. A. Gavrilov. Sots. zakon. 42 no. 8:50-51. Ag '65.

KHATYRKA VALLEY—GEOLOGY, STRUCTURAL

Tectonics of the eastern part of the Koryak Highland. I. U. B. Gladenkov. Trudy GIN no. 113:7-23. '64.

KHERSON—GLASS CONTAINERS

Loading and unloading glass containers. A. D. Iarovoi. Mekh. i avtom. proizv. 19 no. 7:24-25. JI '65.

KHERSON PROVINCE—COMRADES' COURTS

Work experience of comrades' courts of Kherson Province. V. Hrykov. Rad. pravo 28 no. 6:23-26 '65

KHIBINY MOUNTAINS—MINERALS

Labuntsovite from the Khibiny Mountains. Z. V. Shifukova and others. Zap. Vses. min. ob-va 91 no. 1:130-136 '65

KHINGAN MOUNTAINS—ALGAE, FOSSIL

Find of algae remains in the Muravandava series of the Proterozoic of the Khibiny Mountains (Far East). A. G. Yelodgin. Dokl. AN SSSR 164 no. 3:677-680 S '65.

KHIMEL'NITSKIY PROVINCE—RESTAURANTS, LUNCH-ROOMS, ETC

Organizers of public food service. T. Dobroshil. Sov. poireb. kooper. 9 no. 9:11-17 S '65.

KHURUSTALEV, SERGEI ALEKSANDROVICH, 1891-1955

A talented scientist and pedagogue. I. G. Sharabrin, P. A. Konoval'ko, A. S. Khurustalev. Veterinarniia 11 no. 12:81 D '61

KHUDIYAKOV, IVAN ALEKSANDROVICH, 1842-1876

Philippov, R. V. [The revolutionary populist organization of N. A. Khudiyak and I. A. Khudiyakov, 1863-1868] Revolyutsionnaya narodnicheskaya organizatsiya N. A. Khudiyaka - I. A. Khudiyakova (1863-1868). Petrozavodsk, Karelskoe knizhnoe izd-vo, 1964. 227 p.

KHUST (UKRAINE)

[Get acquainted with Mukhachevo, Beregovo and Khust!] Znakov'ky - Mukhachevo, Beregovo, Khust i Uzhgorod, Karpatsy, 1964. 108 p. illus. (NIC)

KHIVOSTOV, VLADIMIR MIKHAILOVICH, 1905-

Honoring Academician V. M. Khivostov. Vest. AN SSSR 35 no. 9:122-123 '65

KIDNEY FUNCTION TESTS

Effect of aldosterone on electrolyte metabolism and kidney function, a survey of the literature. B. B. Bondarenko. Pat. fiziol. i eksp. terap. 9 no. 3:84-89 My-Je '65

Mechanism of disorders of the concentration and clearance capacity of the kidneys in botulinum and diphtheria. V. V. Mikhailov, N. K. Ansharov, Pat. fiziol. i eksp. terap. 9 no. 4:43-47 Jy-Ag '65.

Protein metabolism of the liver and kidneys in acute radiation sickness according to histonautoantigraphy data. V. A. Revin, V. N. Titov. Med. ind. 9 no. 11:54-61 N '61.

Radioisotopic renography in the diagnosis of a "silent" kidney. A. I. Aksel'dorf, I. U. IA. Gleizer. Sov. med. 28 no. 5:52-56 Ag '65.

KIDNEYS

Role of polyphenoloxidase from the kidneys of animals in polyphenol and ascorbic acid oxidation. O. M. Platonov, V. V. Fedurov, Ukr. biokhim. zhur. 47 no. 1:89-93 J '65

KIDNEYS—BIOPSY

Diagnostic value of cytologic examination of the urine and punctates of renal tumors in children. I. U. A. Shelud'ko. Lab. delo no. 8:178-181 '65.

KIDNEYS—DISEASES

Late observations of children following recovery from kidney diseases. N. B. Grinbaum, A. E. Minkovich. Sov. med. 28 no. 8:118-121 Ag '65.

Protective role of cytotoxins in experimental uranium nephritis in rats. G. M. Vaksberg, Pat. fiziol. i eksp. terap. 9 no. 1:27-31 Jy-Ag '65.

Rheumatoid and AHO-antigen interrelations of the blood of the mother and the fetus during nephropathy in pregnant women. B. G. Sadykov, D. P. Semkina, Nauch. trudy kaz. gos. med. inst. 14:133-134 '64.

Some electrolytic changes in patients with diabetic nephropathy. R. M. Solikhanov. Trudy TSU 77:57-63 '65

KIDNEYS—INNERVATION

Adaptation of renal receptors; according to data of electrophysiological research. I. U. L. Pines. Fiziol. zhur. 61 no. 9:1116-1122 S '65.

Effect of the denervation of the kidneys on the course of the pathological process in disorders of a normal flow of venous blood from the kidneys. E. S. Vaitshin, Nauch. trudy Kaz. gos. med. inst. 14:133-134 '64.

Morphology of the nervous apparatus of the kidneys in fish. Kh. G. Valeeva, Nauch. trudy Kaz. gos. med. inst. 14:129-130 '64.

Some data on the comparative morphology of the nervous apparatus of the kidneys in vertebrates. Kh. G. Valeeva, Nauch. trudy Kaz. gos. med. inst. 14:131-132 '64.

KIDNEYS—RADIOGRAPHY

Radioisotopic renography in the diagnosis of a "silent" kidney. A. I. Aksel'dorf, I. U. IA. Gleizer. Sov. med. 28 no. 8:52-56 Ag '65

KIDNEYS—TUMORS

Clinical aspects, diagnosis and treatment of renal neoplasms. S. J. Belykh. Nauch. trudy Kaz. gos. med. inst. 14:357-358 '64

KIEV—ANATOMY, HUMAN—STUDY AND TEACHING

Spiray, M. S. [Kiev School of Anatomy] Kyiv'ska anatomichna shkola, Kyiv, Zdorov'ia, 1965. 128 p.

KIEV—CHILDREN'S CLOTHING

Proposals of efficiency promoters of the "Children's Clothing" Factory No. 4 in Kiev. O. M. Lomachenko and others. Leh. prom. no. 3:74-76 Jy-S '65.

KIEV—COTTON MANUFACTURE

Production of cotton-nylon blend yarn in the Kiev Cotton Spinning Factory. B. K. Shvachkin, O. I. Pins'kyl, Leh. prom. no. 3:47-49 Jy-S '65.

KIEV—HISTORICAL MUSEUMS

Kiesal'nyi, N. I. [St. Sofia preserve in Kiev, a monument of 11th-18th century architecture] Sofiiskiy zapovednik v Kiye, pamiatnik arkhitektury XI-XVIII vv. 4, tspr. izd. Kiev, Budivelnik, 1965. 41 p. illus. (Pamiatniki arkhitektury Ukraini SSR) (NIC)

KIEV—INDUSTRIAL WASTES—PURIFICATION

Production of higher grade glycerin without distillation. O. M. Sobkevich, Mashzhit. prom. 31 no. 9:37 S '65.

KIEV—MOTORBUS TERMINALS—MANAGEMENT

Mechanization of labor-consuming operations at the Kiev Motorbus Station. V. Terekhin, Avi. transp. 43 no. 8:10-11 Ag '65.

KIEV—POSTAL SERVICE—LETTER CARRIERS

We shall build cadres of full-time letter carriers. N. G. Alexandrova, Vest. svyazi 25 no. 9:21 S '65.

KIEV—PRODUCTION STANDARDS

Production norm stations and enterprises. I. Kozharinov, E. Voloshin. Sots. iud. 10 no. 8:118-119 '65.

KILY—SHOE INDUSTRY—MANAGEMENT

Using the new methods of operation and production planning developed by the electric locomotive plants in Novocherkassk. I. A. Prikhodchenko, A. M. Moldavskiy, Kozh. obuv. prom. 7 no. 9:1-9 S '65.

KIEV—SILK MANUFACTURE

Improvements at the Kiev Silk Combine. D. M. Bilin, R. B. Man', A. V. Esel'skaya, Leh. prom. no. 3:69-70 Jy-S '65.

Renovation of the assortment of fabrics in the Kiev Silk Combine. K. S. Slut'ska, Leh. prom. no. 3:67 Jy-S '65.

KIEV—TEXTILE FIBERS, SYNTHETIC—TECHNOLOGICAL INNOVATIONS

Attention! Search is in progress... Ekon. Rad. Ukr. 8 no. 8:79-81 Ag '65.

KIEV—THEATER

The non-theatrical month of May. O. Dzhalinskaya. Teatr 26 no. 9:51-59 S '65.

Our interviews in Kiev. Teatr 26 no. 9:118-119 S '65

KIEV HYDROELECTRIC POWER STATION—DESIGN AND CONSTRUCTION

Taking shrinkage stresses into consideration in the present monolithic structures of the Kiev Hydroelectric Power Station. N. Motelink, V. Sapunov. Prom. stroit. inzh. soor. 4 no. 6:39-41 N-D '62.

KIEV HYDROELECTRIC POWER STATION—EARTH DAMS

Rapid method for hydraulic filling of earth dams in the construction of the Kiev Hydroelectric Power Station. A. D. Shargorodskiy. Mekh. stroit. 22 no. 9:11-16 S '65

KIEV HYDROELECTRIC POWER STATION—HYDRAULIC FILLING

Rapid method for hydraulic filling of earth dams in the construction of the Kiev Hydroelectric Power Station. A. D. Shargorodskiy. Mekh. stroit. 22 no. 9:14-16 S '65

KIEV PROVINCE—DISTILLERY BY-PRODUCTS

Potentials for the lowering of the cost of production and increase of profitability in the production of antibiotic feeds. V. M. Vlez'ko, Khim. prom. no. 3:53-57 Jy-S '65.

KIEV PROVINCE—PIPELINES—CATHODIC PROTECTION

Use of thermoelectric generators for feeding cathodic protection installations. M. A. Dvorovoi, Stroit. i. tr. boprov. 10 no. 9:26-28 S '65.

KIEV PROVINCE—POULTRY INDUSTRY—FINANCE

Poultry farming, turkeys, and profit. N. Bubatsenko. Ekop. Rad. Ukr. 8 no. 8:49-54 Ag '65.

KIEV PROVINCE—SERVICE INDUSTRIES

Personal service facilities in the village. M. Burich. Rad. pravo 28 no. 6:21-22 '65.

KIEV PROVINCE—TRANSPORTATION, AUTOMOTIVE—TECHNOLOGICAL INNOVATIONS

Innovators and inventors promote technological development. I. Markhonos. Avi. transp. 43 no. 6:1-5 Ag '65.

KIEV PROVINCE—WOOD-USING INDUSTRIES—TECHNOLOGICAL INNOVATIONS

Provincial conference of the Scientific and Technical Society of the Paper and Woodworking Industry. F. K. Tsaregradskiy. Bum. i. del. prom. no. 3:18-19 Jy-S '65.

KIEVO-SVYATOSHIINSKIY DISTRICT—STATE FARMS—MANAGEMENT

With the view to the future. A. Matushko, S. Olshchik. Ekon. Rad. Ukr. 8 no. 8:13-20 Ag '65.

KILNS

Heat characteristics of the performance of tunnel-type furnaces. A. A. Shumilin. Ogneupoy 90 no. 9:10-12 '65

Ways to eliminate deficiencies in the operation of tunnel kilns. I. Sh. Shumilin. Stroi. mat. 11 no. 8:9-11 Ag '65.

KILNS, ROTARY

Limits for the use of automatic control systems in the operation of rotary kilns for the drying of copper-zinc concentrates. V. A. Ivanov, D. I. Lisovskyi, M. R. Shpilovskyi, Izv. vuz. ucheb. zav. i. zavet. met. 8 no. 3:164-167 '65.

Method of controlling the moisture of a raw material mixture in rotary kilns. G. M. Gofman. Trudy NIITSement no. 10:11-28 '63

KINDERGARTEN

Let's teach them to work. L. Teterukova, L. Kur'mina. Doshk. vosp. 38 no. 8:6-12 Ag '65.

Play methods in class. L. Chistiakova. Doshk. vosp. 38 no. 8:20-23 Ag '65.

Training in activity. I. Umenskii, Z. Shitayna, T. Shurbovanina. Doshk. vosp. 38 no. 8:24-28 Ag '65.

KINDERGARTENS

Cosplay of October. T. Kheptava. Doshk. vosp. 38 no. 8:87-90 Ag '65.

What have they learned in a kindergarten. Doshk. vosp. 38 no. 6:2-3 Ag '65.

KINEMATICS see subdivision under West Siberian Plain

KINEMATICS OF MACHINERY see Machinery, Kinematics of

KINETICS see Motion

KINSHIP

(see also subdivision under Japan)

Ancient Japanese kinship terms. O. P. Potkina. Sov. etn. no. 3:79-88 My-Je '65

KIRGHIZ POETRY

The epic "Manas" as recorded by Ch. Ch. Valikhmetov, A. Margulan. Vest. AN Kazakh. SSR 22 no. 8:16-20 Ag '65.

KIRGHIZISTAN—AGRICULTURAL WORKERS—EDUCATION AND TRAINING

Korimbayev, Sh. K. [Organization work of the party organizations of Kirghizia in the consolidation of collective farms by qualified workers] Organizatorskaya rabota partinykh organizatsiy Kirgizii po ukrepleniyu kolhozov kvalifitsirovannymi kadrami. Frunze, Kirgizskoe gos. izd-vo, 1964. 71 p.

KIRGHIZISTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Korimbayev, Sh. K. [Organizational work of the party organizations of Kirghizia in the consolidation of collective farms by qualified workers] Organizatorskaya rabota partinykh organizatsiy Kirgizii po ukrepleniyu kolhozov kvalifitsirovannymi kadrami. Frunze, Kirgizskoe gos. izd-vo, 1964. 71 p.

The work of the party organs in mobilizing, distributing, and educating the managerial, engineering and technical personnel in the construction industry. Part. zhizn' no. 10:18-21 O '65.

KIRGHIZISTAN—CONSTRUCTION WORKERS

The work of the party organs in mobilizing, distributing, and educating the managerial, engineering and technical personnel in the construction industry. Part. zhizn' no. 10:18-21 O '65.

KIRGHIZISTAN—DODDER

Testing herbicides for the extermination of dodder in sugar beet fields. P. N. Glazkov. Vest. sel'khoz. nauki [Kazakh.] 8 no. 8:43-47 Ag '65.

KIRGHIZISTAN—HORSE BREEDING

Behind the fence of percentages. A. Solov'ev. Sov. prof. soz. 21 no. 19 12-13 O '65.

KIRGHIZISTAN—PROBATION

Conditional sentence and its educational meaning. Kydymaliev. Sov. zakon 12 no. 9 15-16 S '65.

KIRGHIZISTAN—SHEEP—DISEASES AND PESTS

Sources of microbacillosis. A. A. Volkova, B. S. Galiev. Veterinarika 11 no. 12 17-20 D '64.

KIRGHIZISTAN—TRADE UNIONS

Behind the fence of percentages. A. Solov'ev. Sov. prof. soz. 21 no. 19 12-13 O '65.

KIROV—MOTORTRUCKS—MAINTENANCE AND REPAIR

Centralization of the TO-2 check of motor trucks in Kirov. I. Shtak. Avt. transp. 43 no. 9 17-19 S '65.

KIROV PROVINCE—AGRICULTURAL RESEARCH

Kirov. Sel'skokhozyaistvennyi Institut. [Contribution of science to production]. Nauka-proizvodstvu. Kirov [Kirovskoe knizhnoe izd-vo] 1963. 116 p. [DUAL MICROFILM]

KIROV PROVINCE—CURRANT BREEDING

Black currant breeding in Kirov Province. A. G. Logincheva. Agr. biologiya no. 5 657-660 S-O '65.

KIROV PROVINCE—WHEAT BREEDING

Developing new winter wheat varieties by the method of remote crossing and conditioned development of hybrids in Kirov Province. V. G. Smirnov. Agr. biologiya no. 5 661-661 S-O '65.

KIROVABAD—OIL INDUSTRIES

Kirovabad Oils and Fats Combine. F. A. Abdullayev. Maslozhir. prom. 31 no. 9 30 S '65.

KIROVAKAN REGION—APPLE—FERTILIZERS AND MANURES

Effect of fertilizers on the growth of apple tree roots. V. M. Mikaelian. Izv. AN Arm. SSR, Biol. nauki 18 no. 5 98-100 Je '65.

KIROVOGRAD—DAIRY PLANTS—EQUIPMENT AND SUPPLIES

In the Designers Bureau of the Kirovograd Dairy Combine. V. V. Malysh. Khim. prom. no. 3 17-19 JI-S '65.

KIROVOGRAD PROVINCE—COLLECTIVE FARMS—INTERFARM COOPERATION

This reduces the efficiency of control. L. Fil'shtein. Fin. SSSR 38 no. 9 68-70 S '65.

KIROVOGRAD PROVINCE—RURAL CONSTRUCTION—AUDITING AND INSPECTION

This reduces the efficiency of control. L. Fil'shtein. Fin. SSSR 38 no. 9 68-70 S '65.

KIROVOGRAD PROVINCE—VETERINARY HYGIENE

Secure good wintering for livestock. V. Z. Burlachenko. Veterinarika 41 no. 12 1-3 D '64.

KIRSANOV, ALEKSANDR VASIL'EVICH

"D. I. Mendeleev" gold medal. S. I. Vol'fkovich. Zhur. VKHO 19 no. 3 331 '65.

KISLOVODSK—HEALTH RESORTS, WATERING PLACES, ETC.

Donchenko, I. F. [Treatment of patients with rheumatic heart defects at the Kislovodsk Health Resort]. Lechenie bol'nykh s revmaticheskimi porokami serdtsa na Kislovodskskom kurorte. Kiev, Zdorov'ia, 1965. 74 p. (DNLN)

KITAIGORODSKI, ISAAK IL'ICH, 1889-1965

Isaak Il'ich Kitaigorodskii. N. M. Pavlushkin. Izv. AN SSSR, Neorg. mat. 1 no. 7 123-1235 JI '65. [Isaak Il'ich Kitaigorodskii] obituary. Stek. i ker. 22

INSTRUMENTS

ies of the Kizel coal enov. V. A. Smirnov.

ector Serge. Lothar JI '65.

EDRICH, 1899-
Doctor Serge. Lothar JI '65.

on with 1 kw. output alkin. Izv. LETI

ts of transit klystrons of resonators and no. 52 3-12 '64.

KNEE—SURGERY

Restoration of the ligament apparatus of the knee joint with a caponoid. N. I. Gurgendze. Ortop., travm. i protez. 26 no. 8 11-16 Ag '65.

Results of restoring the cruciate ligaments of the knee joint with a lavam hand. A. S. Atom'eva. Ortop., travm. i protez. 26 no. 8 18-20 Ag '65.

KNIT GOODS

Manufacture of "cover" type tuck-figured fabrics on the interlock knitting machine. L. B. Kal'nyts'kiy. Leh. prom. no. 3 23-26 JI-S '65.

KNIT GOODS INDUSTRY

(see also subdivision under Moscow)
Calculating the strength of knit fabrics. N. V. Arshynin-kova. Leh. prom. no. 3 61-63 JI-S '65.

KNIT GOODS INDUSTRY—EQUIPMENT AND SUPPLIES

see subdivision under Chernovtsy

KNIT GOODS INDUSTRY—EXHIBITIONS

Leader of fashion in knit goods. N. Ambartsumian. Inform. bul. VDNKH no. 9 9-10 S '65.

KNITTING

Gai-Cullna, Z. S., and B. M. Vainberg. [For those who knit] Dlia tekh, kto vlyazhet. Moskva, Legkaya industriya, 1965. 180 p.

KNITTING MACHINES

Comparative technical and economic characteristics of circular and "Mallino" type knitting machines. A. S. Daidovich. Tekst. prom. 25 no. 8 39-43 Ag '65.

Manufacture of knit fabrics with a high loop modulus. D. I. Iglikhanova. Izv. vye. ucheb. zav., tekhn. leg. prom. no. 4 109-116 '65.

Run-resistant system used in the manufacture of seamless hose. L. P. Ignatova, M. P. Krepel'. Tekst. prom. 26 no. 8 43-47 Ag '65.

KNITTING MACHINES—ELECTRIC DRIVING

Increasing the reliability of the electric circuit of the "Kovo" make interlock knitting machine. I. U. P. Martynova'kiy. Leh. prom. no. 3 43 JI-S '65.

KNITTING MACHINES—TRANSMISSION DEVICES

Determining the dynamic loads in the chain speed variators of the transmissions of knitting machines. A. I. Tarasenko, V. P. Seiduk. Izv. vye. ucheb. zav., tekhn. leg. prom. no. 4 130-139 '65.

KNOTS AND SPLICES

Knots and loops. Avtom., telemek. i aviaz. 9 no. 8 43-44 Ag '65.

KNOWLEDGE, THEORY OF

Absoluteness of opposition between matter and consciousness in gnoseology. M. F. Vorob'ev. Vest. LGU 20 no. 17 50-58 '65.

KOK-SAGHYZ

Structure of kok-saghyz populations. N. S. Rostova. Vest. LGU 20 no. 15 138-152 '65.

KOKCHETAY UPLAND—JASPER

Age of jasper-siliceous sediments in the southern part of the Kokchetay Upland (northern Kazakhstan). E. A. Babichev and others. Biol. MOIP, Otd. geol. 40 no. 4 16-57 JI-Ag '65.

KOKCHETAY UPLAND—ROCKS, SILICEOUS

Age of jasper-siliceous sediments in the southern part of the Kokchetay Upland (northern Kazakhstan). E. A. Babichev and others. Biol. MOIP, Otd. geol. 40 no. 4 46-57 JI-Ag '65.

KOLA PENINSULA—BADDELEYITE

Baddeleyite in the masses of ultrabasic and alkali rocks in the Kola Peninsula. O. M. Rimskaya-Korsakova, I. B. Dinaburg. Min. i geokhim. no. 1 13-30 '64.

KOLA PENINSULA—METALS, RARE AND MINOR

Rare elements in the rocks of the excontact aureoles of ultrabasic and alkali intrusions in the Karelia-Kola region. A. S. Segeev. Min. i geokhim. no. 1 192-210 '64.

KOLA PENINSULA—RARE-EARTH METALS

Geochemistry of rare-earth elements in the alkali-ultrabasic rocks of the Kola Peninsula and Karelia. A. A. Kukharevko and others. Min. i geokhim. no. 1 211-230 '64.

KOLA PENINSULA—ROCKS, IGNEOUS

Intrusive rocks of the Volch'yn Tundra (Kola Peninsula). V. V. Malakhova. Uch. zap. Ped. inst. Gerts. 267 269-282 '64.

KOLA PENINSULA—RUNOFF

Streamflow in the northern slope of the Pechenga Tundra in connection with some physico-geographical characteristics of the region. L. G. Kostova. Uch. zap. Ped. inst. Gerts. 267 8-14 '64.

KOLA PENINSULA—WATER, UNDERGROUND

Evaluation of the base flow into rivers of the Kola Peninsula and Karelia. N. P. Neborcheva. Trudy GGI no. 122 67-81 '65.

KOLYMA VALLEY—GOLD ORES

Vronskii, B. I. [On the golden Kolyma; recollection of a geologist]. Na zolotoi Kolyme, vospominaniya geologa. [Moskva, Mysl', 1965] 279 p. [Puteshestviya, priklyucheniya, fantastika]

KOLYMA VALLEY—PROSPECTING

Vronskii, B. I. [On the golden Kolyma; recollection of a geologist]. Na zolotoi Kolyme, vospominaniya geologa. [Moskva, Mysl', 1965] 279 p. [Puteshestviya, priklyucheniya, fantastika]

KOMI A. S. S. R.—AUXILIARY POLICE
Vuidov, I. I. [People's guard is a reliable guard] Strazh narodnyy - strazh nadezhnyy. Syktyvkar, Kom. knizhnoe izd-vo, 1964. 41 p. (NSYu)

KOMI A. S. S. R.—COLLECTIVE FARMS—PENSIONS

Let's apply the law correctly. P. Mashanov. Sots. obshch. 26 no. 6 13 Je '65.

KOMI A. S. S. R.—CONSERVATION OF NATURAL RESOURCES

Resolution of the Supreme Soviet of the Komi Autonomous Soviet Socialist Republic on measures for the implementation of the Law on Conservation in the R. S. F. S. R. in the Komi A. S. S. R. Krut. soob. Kom. po okh. priro. no. 2 13-19 '62.

KOMI A. S. S. R.—INDUSTRIES

Economic efficiency of the industrial development of the North. L. Meerovich, G. Parashchenko. Plan. khoz. 42 no. 9 80-82 S '65.

KOMI A. S. S. R.—NATURAL RESOURCES

Economic efficiency of the industrial development of the North. L. Meerovich, G. Parashchenko. Plan. khoz. 42 no. 9 80-82 S '65.

KOMISSARZHEVSKAYA, VLIRA FEDOROVNA, 1964-1910

[About Komissarzhevskaya. The forgotten and the new; reminiscences, articles, letters] O Komissarzhevskoi, zabytloe i novoe. Vospominaniya, stat'i, pisma. Moskva, Vsesoy. teatral'noe ob-vo, 1965. 300 p.

KONENKOV, SERGEI TIMOFEEVICH, 1874-1947

[Soluzh. khudozhnikov RSFSR. Moskovskoe otdelenie. Jubilee exhibition of the works of Sergei Timofeevich Konenkov, on his nineteenth birthday and his seventeenth anniversary of work in art. A catalog] Iubileinaya vystavka proizvedeniy Sergeia Timofeevicha Konenkova; devyadnasto let so dnya rozhdeniya i sem'desiat let tvorcheskogo delatel'nosti. Katalog. Moskva, 1964. 60 p. illus. [MICROFILM]

KONSTANTINOVKA (UKRAINE)—GLASSWORKERS

Sania Sizov, our trade-union group organizer; from a journalist's notebook. A. F. Mel'nikov. Sov. prof. soz. 21 no. 17 24-25 S '65.

KOPETDAG—BIRDS

Characteristics of the bird population in some districts of western Kopetdag. A. O. Tashliev, A. N. Sukhlina, G. S. Bel'mkina. Izv. AN Turk. SSR, Ser. biol. nauk no. 4 45-50 '65.

KOPETDAG—GEOLOGY, STRATIGRAPHIC

Eocene of the Kopetdag. S. P. Val'be. Izv. AN SSSR, Ser. geol. 30 no. 8 97-100 Ag '65.

KOPETDAG—MARINE SEDIMENTS—ANALYSIS

Significance of the oxide coefficient for the facies analysis of marine sediments. V. I. Maichenko. Lit. i pol. iskop. no. 4 125-137 JI-Ag '65.

KOPETDAG—SIEROZEM

Characteristics of virgin light Sierozema of the piedmont plateau of central Kopetdag. Sh. Kel'drbaev. Izv. AN Turk. SSR, Ser. biol. nauk no. 4 32-37 '65. Water balance of dark Sierozema in western Kopetdag. Ch. Reimov. Izv. AN Turk. SSR, Ser. biol. nauk no. 3 37-43 '65.

KOPETDAG—SOIL MOISTURE

Water balance of dark Sierozema in western Kopetdag. Ch. Reimov. Izv. AN Turk. SSR, Ser. biol. nauk no. 3 37-43 '65.

KOPETDAG REGION—ECONOMIC GEOGRAPHY

Characteristics of the foothill zone of Kopetdag from the point of view of economic geography. A. Meislinia-zov. Izv. AN Turk. SSR, Ser. obshchestv. nauk no. 4 82-85 '65.

KORCHAK-CHEPURKIVSKIY, OVKSENTE VASYLOVYCH, 1857-1947

Kahan, S. S. [Outstanding Ukrainian public health worker, Academician of the Academy of Sciences of the Ukrainian S. S. R., O. V. Korchak-Chepurkivskiy] Vydatnyi sanitarnyi diach Ukrainy - akademik AN URSR O. V. Korchak-Chepurkivskiy. Kyiv, Zdorov'ia, 1965. 76 p.

KOREA, NORTH—COMMUNIST PARTY

Experienced leaders of the Korean people. A. Mikhailov. Part. zhizn' no. 20 60-72 O '65.

KOREA, NORTH—DESCRIPTION AND TRAVEL

[The land of morning freshness] Strana utrennei zvezhesti. Moskva, Izd-vo "Izvestiia," 1965. 102 p. (Biblioteka "Izvestiia")

KOREA, NORTH—ECONOMIC CONDITIONS

Free Korea is building a new life. Komm. Vooruzh. Sil' 46 no. 15-81-81 Ag '66

KOREA, NORTH—EDUCATION, HIGHER

Higher education in the Korean People's Democratic Republic. K. I. Khon. Vest' vyzhskoly 23 no. 8 87-89 S '65

KOREA, NORTH—POLITICS AND GOVERNMENT

Along the path of socialism. Az. i Afr. seg. 9 no. 8-16-17 Ag '65.

KOREA, SOUTH—EDUCATION

Crisis of education in Southern Korea. K. E. Khon. Sov. pedagog. 29 no. 6:130-139 Je '65.

KORNIICHUK, OLEKSANDR

Dramaturgy of O. E. Kornichuk on his sixteenth birthday. M. N. Zozul'a. Izv. AN SSSR, Ser. Lit. i Iaz. 24 no. 4:281-286 Ji-Ag '65.

KOROBV, PAVEL IVANOVICH, 1902-1965

Pavel Ivanovich Korobov, an obituary. Stal' 25 no. 9:797 S '65
To the memory of P. I. Korobov, an obituary. Metallurg 10 no. 9-47 S '65

KORSAKOV, SERGEI SERGEEVICH, 1854-1900

S. S. Korsakov's psychological concepts. L. L. Rokhlin. Trudy Gos. nauch.-issl. inst. psikh. 43:310-337 '65.

KOSTROMA PROVINCE—LUMBERMEN

A man on a forest road. M. D. Zankov. Mol. komm. no. 9:90-93 S '65.

KOTOVSKII, GRIGORI IVANOVICH, 1887-1925

And another battle... V. Shiryiaev. Mol. komm. no. 9:91-93 '65.

KOTSUBYNS'KYI MYKHAILO, 1864-1913

The "Society for Aid to Writers and Scholars" comes to the assistance of the family of M. Kotsiubyn's'kyi. I. M. Iudin. Rad. lit. 8 no. 8:50-70 Ag '66.

KOTSUBYNS'KYI, MYKHAILO, 1864-1913—BIBLIOGRAPHY

See Bibliography—Kotsiubyn's'kyi, Mykhailo, 1864-1913

KOTUR-TAPE OIL FIELD—OIL SANDS—THERMAL PROPERTIES

Geothermal characteristics of the Kotur-Tape oil field. P. I. Zhuravlev. Nauch.-tekhn. sbor. po dob. nefli no. 27:13-16 '65.

KOVALEVSKII, MAKSYM MAKSIMOVICH, 1851-1916

The evolution of M. M. Kovalevskii's opinions on the rural community. V. T. Zonov. Trudy TGU 173:148-173 '64.

KRASnodAR TERRITORY—CORRESPONDENCE SCHOOLS AND COURSES

Important form of specialist training. N. Martovitskii. Sov. potreb. koop. 9 no. 9:10-11 S '65.

KRASnodAR TERRITORY—COURTS

In the people's court of a rural district. P. Bukhvalov. Sov. iust. 29 no. 17:23-21 S '65.

KRASnodAR TERRITORY—FRUIT—EXHIBITIONS

Carrying out the resolutions of the party. V. Korotkov. Inform. blul. VDNKH no. 9:1-6 S '65.

KRASnodAR TERRITORY—LAUREL

Practices in growing nursery stock of laurel. V. V. Vorontsov. Subtrop. kul't. no. 1 93-102 '65

KRASnodAR TERRITORY—OLIVE

Olive in Krasnodar Territory. E. S. Ten'kovtseva. Subtrop. kul't. no. 1:111-116 '65

KRASnodAR TERRITORY—SUGAR INDUSTRY—BY-PRODUCTS

Preservation and use of bagasse in the sugar factories of the Krasnodar Territory. V. A. Serebrinskii. Sakh. prom. 30 no. 9:19-22 S '65.

KRASnodAR TERRITORY—TEA—IRRIGATION

Irrigation of tea plantations in Krasnodar Territory. Kh. G. Braginov. Subtrop. kul't. no. 1:41-46 '65.

KRASNOVODSK (TURKMENISTAN)—COMMUNIST YOUTH LEAGUE

Is this bureaucracy? P. Kochegin. Mol. komm. no. 9:34-35 S '65

KRASNOYARSK—MACHINERY INDUSTRY

Bagaev, B. F., and I. M. Chudinova. [Siberian Heavy Machinery Plant of the Order of the Red Banner of Labor] Ordenonoshi "Sibizhmash." [Krasnoyarsk] Krasnoyarskoe knizhnoe izd-vo, 1964. 85 p.

KRASNOYARSK HYDROELECTRIC POWER STATION—ICE REMOVAL

Retention and passage of ice at the Krasnoyarsk Hydroelectric Power Station. V. A. Korotkov. Izv. vyzhskoly no. 23 no. 8 87-89 S '65.

KRASNOYARSK RESERVOIR—COAST CHANGES

Regionalization of the Krasnoyarsk Reservoir Basin. D. P. Pinarov. Uch. zap. Ped. inst. Gork. 287 61-74 '64.

KRASNOYARSK RESERVOIR—GEOMORPHOLOGY

Regionalization of the Krasnoyarsk Reservoir Basin. D. P. Pinarov. Uch. zap. Ped. inst. Gork. 287 61-74 '64.

KRASNOYARSK TERRITORY—DAIRYING—EQUIPMENT AND SUPPLIES

Potentials for increasing the use of milking equipment. V. Stanitskii, M. Batgauz. Flen sel'khoz. 41 no. 9:71-74 S '65.

KRASNOYARSK TERRITORY—FOREST ECOLOGY

Effect of the development of grass cover in the fellings of mixed reedgrass type on the growth of pine. V. V. Ogleyevskii, A. A. Medvedeva. Izv. SO AN SSSR no. 8. Ser. biol.-med. nauk no. 2:65-71 '65.

KRASNOYARSK TERRITORY—INDUSTRIAL MANAGEMENT

Toward a new economic upsurge. A. Kokarev. Part. zhizn' no. 20 8-14 O '65.

KRASNOYARSK TERRITORY—MINES AND MINERAL RESOURCES

Krasnoyarskaya kompleksnaya ekspeditsiya. [Geology and geochemistry of the mineral resources of Krasnoyarsk Territory] Geologiya i geokhimiya poleznykh iskopaemykh Krasnoyarskogo kraia, sbornik statei. [Krasnoyarsk] Krasnoyarskoe knizhnoe izd-vo, 1964. 197 p.

KRASNOYARSK TERRITORY—MINING ENGINEERING

Use of air spaces for blasting operations at the "Sovetskii" mine. N. V. Shustov, L. A. Kipina, M. I. Kalkina. Shakh. strol. 9 no. 10 25-26 O '65.

KRASNOYARSK TERRITORY—ORE DEPOSITS—ANALYSIS

Characteristics of changes in the normative composition of ores in the Talmakh deposit along the vertical. I. N. Gerasimov. Dokl. AN SSSR 164 no. 1 174-176 S '65.

KRASNOYARSK TERRITORY—PINE

Effect of the development of grass cover in the fellings of mixed reedgrass type on the growth of pine. V. V. Ogleyevskii, A. A. Medvedeva. Izv. SO AN SSSR no. 8. Ser. biol.-med. nauk no. 2:68-71 '65.

KRESOL

See Cresol

KRESTOVNIKOV, VALERIAN NEKOLAEVICH, 1888-1904

Valerian Nikolaevich Krestovnikov, 1888-1904; obituary. Kh. S. Rozman. Paleont. zhur. no. 3:154-155 '65

KRICHEV DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Chavusau, V. [Antireligious propaganda in Krichev District] Antireligioznaya propaganda u Krychavskimi raione. Minsk, Dzalzh. vyd-va BSSR, 1960. 44 p. [MICROFILM]

KRICHEV DISTRICT—RELIGION

Chavusau, V. [Antireligious propaganda in Krichev District] Antireligioznaya propaganda u Krychavskimi raione. Minsk, Dzalzh. vyd-va BSSR, 1960. 44 p. [MICROFILM]

KRIVOY ROG BASIN—ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION

Main body of the Krivoy Rog thermal electric power plant in precast reinforced concrete. V. Shapolev. Prom. strol. i inzh. soor. 4 no. 6:28-32 N-D '62.

KRIVOY ROG BASIN—IRON MINES AND MINING

Experience in using the method of gamma-ray reflection for the quantitative determination of iron in the underground boreholes of the Ordzhonikidze mine, Krivoy Rog Basin. A. P. Ochur and others. Vop. rud. geofiz. no. 5:100-112 '65.

Formation of depression cones in the Krivoy Rog Basin karstic carbonate rocks. A. E. Kulynin. Gor. zhur. no. 9:19-21 S '65.

Lining Krivoy Rog Basin workings by monolithic concrete with the use of additives that plasticize and delay the setting of concrete mixtures. I. U. M. Kozhushko, G. V. Lebedeva. Shakh. strol. 9 no. 10:20-21 O '65.

Studies on the footwall rock deformation in the Krivoy Rog Basin. G. M. Malakhov, J. P. Chirnov. Izv. vyzhskoly no. 23 no. 8 87-89 S '65.

KRIVOY ROG BASIN—IRON MINES AND MINING—QUALITY CONTROL

Consider not only the incentive payments, but material responsibility as well. A. Demchenko. Sots. iust. 10 no. 9 74-76 S '65.

Improvement of quality indices in extracting iron ores at the Krivoy Rog Basin mines. N. P. Zinchevskii, A. Z. Prokhoda, V. S. Fedorenko. Gor. zhur. no. 9 16-18 S '65.

KRIVOY ROG BASIN—IRON ORES

Characteristics of the lamination of ferruginous rocks in the Krivoy Rog Basin. I. U. G. Gershtolc. Izv. AN SSSR, Ser. geol. 30 no. 8:45-60 Ag '65.

KRIVOY ROG BASIN—ORE DRESSING

Technological improvement of the dressing of Krivoy Rog magnetic quartzites. S. G. Evslovich, S. I. Zhuravlev. Gor. zhur. no. 9:65-67 S '65.

KRIVOY ROG BASIN—ORE DRESSING PLANTS

Flow sheets of ore dressing plants in the Krivoy Rog iron ore and Nikopol' manganese basins. V. I. Karmazin, I. D. Roizen, V. A. Binkovich. Gor. zhur. no. 9 61-64 S '65.

KRIVOY ROG BASIN—PETROLOGY

Characteristics of the lamination of ferruginous rocks in the Krivoy Rog Basin. I. U. G. Gershtolc. Izv. AN SSSR, Ser. geol. 30 no. 8:45-60 Ag '65.

KRIVOY ROG BASIN—PRECAST CONCRETE CONSTRUCTION

Main body of the Krivoy Rog thermal electric power plant in precast reinforced concrete. V. Shapolev. Prom. strol. i inzh. soor. 4 no. 6:28-32 N-D '62.

KROPOTKIN (KRASNODAR TERRITORY)—LAW—REFERENCE BOOKS

Prolong the life of reference books. V. Tatarkhin. Sov. iust. 29 no. 17:26 S '65.

KROPYVNYTS'KYI MARKO LUKYCH, 1840-1910

Jubilee of M. L. Kropyvnyts'kyi. O. Stavits'kyi, B. Pylypchuk. Rad. lit. 8 no. 8:94-95 Ag '65.

KRUPSKAYA, NADEZHDA KONSTANTINOVNA, 1869-1939

N. K. Krupskaya and I. P. Pavlov on the dissemination of science; unpublished documents. E. S. Kulshak, Vest. AN SSSR 35 no. 9:117-119 '65.

KRYLOV, ALEKSEI NIKOLAEVICH, 1803-1845

Scholars and engineers. Shkola i poiziv 9 no. 9:95-96 S '65.

KRYPTON—SPECTRA

Excitation of krypton. V. P. Malakhov, L. P. Ostapchenko. Zhur. prikl. spekt. 3 no. 1 14-19 Ji '65

KRYVEN', PAVLO VASYLOVYCH, 1902-1965

Pavlo Vasylovych Kryven'; an obituary. Ekon. Rad. Ukr. 8 no. 8:96 Ag '65.

KUDAN—CLUBS

When the evening comes to a slant. G. Shevinkov. Sov. potreb. koop. 9 no. 9:31-32 S '65.

KUDAN RIVER ESTUARY—SEA WATER—COMPOSITION

Water and salt exchange between the Kuban Estuary and the Sea of Azov. V. N. Drozdov. Trudy GOIN no. 83:272-280 '65

KUKMOR (TATAR A. S. S. R.)—TEETH—DISEASES

Materials on the plotting of a geographical map of caries in the Tatar A. S. S. R.; distribution of dental caries among the children of Kukmor and Menzelinsk. V. A. Ivshina. Nauch. trudy Kaz. gos. med. inst. 14:31-33 '64.

KULESHOV, PAVEL NIKOLAEVICH, 1854-1938

Pavel Nikolaevich Kuleshov; centennial of the Tsimriazev Agricultural Academy. M. N. Petrov. Veterinarika 42 no. 7:113-116 Ji '65.

KULUNDA STEPPE—MICRO-ORGANISMS, NITROGEN-FIXING

Effect of the irrigation of chestnut soils of the Kulunda Steppe on the development of nitrogen-fixing microorganisms. I. L. Klevenakina. Izv. SO AN SSSR no. 8. Ser. biol.-med. nauk no. 2:44-48 '65.

KULUNDA STEPPE—SOIL MOISTURE

Effect of the irrigation of chestnut soils of the Kulunda Steppe on the development of nitrogen-fixing microorganisms. I. L. Klevenakina. Izv. SO AN SSSR no. 8. Ser. biol.-med. nauk no. 2:44-48 '65.

KUMA VALLEY—OIL WELL LOGGING, ELECTRIC

Use of the induction method of studies for determining the productivity of low-ohmic reservoir rocks in the Kuma Valley. T. F. Ponomarechuk. Razved. geofiz. no. 5:116-124 '65.

- KUMERTAU (BASHKIRIA)—COAL MINES AND MINING**
Results of testing chain and bucket excavators at the Kumertau Coal Strip Mine. V. N. Trudov. Izv. DGI 11 p. 2 69-71 '62
- KUMISS**
Production of kumiss from dry "saunial". M. I. Goriaev, Z. S. Seito. Vest. sel'khoz. nauk [Kazakh] 8 no. 8 71-73 Ag '65
- KURA VALLEY—GEOLOGY, STRUCTURAL**
New geophysical data on the structure of crystalline basement in the region of the Araks and Kura junction. A. A. Ali-zade, M. M. Radzhabov, D. L. Tereshko. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 3 12-16 '65.
- KURAMA RANGE—MINERALS**
Some geochemical characteristics of the formation of accessory minerals in the granites of the Chirchik Massif in the Kurama Range of the Tien Shan. G. A. Lisitsina and others. Geokhimiya no. 5 602-616 My '63
- KURAMA RANGE—ROCKS, IGNEOUS—ANALYSIS**
Petrochemistry of the Lower Middle Carboniferous volcanic formations in the northwestern part of the Kurama zone. A. R. Ibrakhimov. Uzb. geol. zhur. 9 no. 4 70-78 '65
- KURAMA RANGE—WATER, UNDERGROUND—ANALYSIS**
Some data on the hydrogeochemistry of the Kundzhol'skaya ore zone. T. Nasimov. Zap. Tadzh. otd. Vses. min. ob-va no. 2 140-146 '64
- KURANOV, IURII NIKOLAEVICH, 1931-**
Debate is a serious "genre". Larisa Kriachko. Oktabr' 42 no. 9, 195-1201 S '65
- KURBANGALIEV, MUKHITDIN KHATIZOVICH, 1873-1911**
Pedagogical activities of M. Kh. Kurbangaliev. N. V. Aleksandrov. Sov. pedagog. 29 no. 6 115-120 Je '65.
- KURSK MAGNETIC ANOMALY—IRON MINES AND MINING**
Activity of the party in the prospecting and industrial exploitation of the Kursk Magnetic Anomaly. S. N. Siviliakov. Vest. LGU 20 no. 14 28-40 '65
- KURSK MAGNETIC ANOMALY—IRON ORES**
Brief characteristics of the mineral composition of rich iron ores in the Gostishchevo deposit of the Kursk Magnetic Anomaly. R. V. Kholmakh. Izv. vys. ucheb. zav. geol. i razv. B no. 9 101-111 S '65
- KURSK MAGNETIC ANOMALY—MINERALS**
Brief characteristics of the mineral composition of rich iron ores in the Gostishchevo deposit of the Kursk Magnetic Anomaly. R. V. Kholmakh. Izv. vys. ucheb. zav., geol. i razv. B no. 9 101-111 S '65
- KURSK MAGNETIC ANOMALY—SHAFT SINKING—SAFETY MEASURES**
Results of some investigations to determine the pressure on shaft linings at the Yakovlev mine in the Kursk Magnetic Anomaly. V. F. Drobyshev, N. A. Filatov. Izv. vys. ucheb. zav., geol. zhur. 8 no. 7 35-42 '65
- KURSK MAGNETIC ANOMALY—WATER, UNDERGROUND**
Evaluation of base flow into the rivers of the territory of the Kursk Magnetic Anomaly. B. Z. Krivoshei. Trudy GGI no. 122 153-162 '65.
- KURSK PROVINCE—POSTERS**
About satire and the honor of labor. N. Kirpichenko. Per. zhizn' no. 20 60 O '65.
- KUSHEV, GEORGI LEONT'EVICH, 1905-**
Corresponding Member of the Academy of Sciences of the Kazakh S.S.R., G. L. Kushev; 60th birthday and 35th anniversary of his research, teaching, and engineering activities. Izv. AN Kazakh. SSR, Ser. geol. 22 no. 4 80-81 Ji-Ag '65.
- KUSTANAY—INDUSTRIAL MANAGEMENT**
Discipline and the method of management. B. Smol'nikov. Nauch. khaz. Kazakh. 23 no. 6 42-44 S '65.
- KUSTANAY PROVINCE—VETERINARIANS**
Man is as good as his work. A. Borisov. Veterinarnia 41 no. 12 7-8 D '64
- KUSTANAY PROVINCE—WATER, UNDERGROUND**
Evaluation of the feeding of groundwater in different points of drainage areas in Kustanay Province. V. E. Vodegrevskii. Trudy GGI no. 122 180-203 '65.
- KUTAISSI REGION—OPOKA**
Opoka in the surrounding area of Kutaisi. D. G. Chelidze. Soob. AN Gruz. SSR 39 no. 2 365-370 Ag '65.
- KUYAL'NIK (UKRAINE)—MINERAL WATERS**
Compound treatment of peptic ulcer of the stomach and duodenum with the use of Kuyal'nik No. 4 mineral water. A. G. Rozhkovskaya. Vop. kur. i fizioter. i lech. fiz. kul't. 30 no. 4 308-312 Ji-Ag '65.
- KUYBYSHEV—ACTORS**
Fink, L. A. [With and without make-up]. V grime i bez grima [Kuibyshev]. Kuibyshevskoe knizhnoe izd-vo [1965] 233 p. (Aktory nashogo teatra)
- KUYBYSHEV—RADIO IN PROPAGANDA**
On the local radio wave. N. Akimov. Agitator 33 no. 10 20-30 S '65.
- KUYBYSHEV—THEATER**
Fink, L. A. [With and without make-up]. V grime i bez grima [Kuibyshev]. Kuibyshevskoe knizhnoe izd-vo [1965] 233 p. (Aktory nashogo teatra)
- KUYBYSHEV PROVINCE—ADULT EDUCATION**
The future belongs to them. M. Ogandzhanants. Sov. profsoyuz 21 no. 19 32-33 O '65
- KUYBYSHEV PROVINCE—AGRICULTURAL LIBRARIES**
Not forgetting the main point. A. Dudarev. Bibliotekar' 43 no. 9 31-32 S '65
- KUYBYSHEV PROVINCE—COMMUNIST YOUTH LEAGUE**
[Stride forward, Communist Youth League generation, outline history of the Kuibyshev Communist Youth League] Shagal vpered, komсомольское племя, очерки истории Куйбышевского Комсомола [Kuibyshev]. Kuibyshevskoe knizhnoe izd-vo, 1964. 410 p. (CS-II)
- KUYBYSHEV PROVINCE—POULTRY HATCHERIES**
One kilometer from the city. I. Kizhenko. Mol. kom. no. 8 52-59 '65.
- KUYBYSHEV PROVINCE—RAILROADS—FREIGHT**
Organization of freight transportation within the line area on the Kuibyshev Railroad. A. P. Polekhin. Zhel. dor. i transp. 17 no. 8 33-34 Ag '65.
- KUYBYSHEV RESERVOIR—FLOOD FORECASTING**
Calculation of the transformation of a flood wave within the Kuibyshev Reservoir using electronic computers. E. P. Chemezhenko. Trudy TSIP no. 141 3-20 '65.
- KUYBYSHEV RESERVOIR—HYDROMETEOROLOGY**
Prevent the wreck of rafts in reservoirs. A. Elfimov. Rech. transp. 21 no. 8 15 Ag '62
- KUYBYSHEV RESERVOIR—RAFTS**
Prevent the wreck of rafts in reservoirs. A. Elfimov. Rech. transp. 21 no. 8 15 Ag '62
- KUZNETSK BASIN—BORING**
Some characteristics of the deviation of boreholes in the Leningrad region of the Kuznetsk Basin. S. A. Slepikov. Razved. geofiz. no. 5 125-129 '65.
- KUZNETSK BASIN—COAL GASIFICATION, UNDERGROUND**
Results of drilling underground gas producers at the "Podzemgaz" Plant in Yuzhno-Abinsk using horizontal drains and burnt-out areas. I. S. Shilov. Trudy VNIIPodzemgaz no. 12 94-118 '64
Technological analysis of operations at the "Podzemgaz" gas producer plant in Yuzhno-Abinsk for the first quarter of 1963. A. A. Kashkin, S. S. Linnetskii, N. S. O'lsheinskaya. Trudy VNIIPodzemgaz no. 12 35-45 '61
- KUZNETSK BASIN—COAL MINES AND MINING**
Efficiency of the use of rotary and rotary-percussion boring methods in natural development workings in the Kuznetsk Basin mines. N. A. Belan, A. F. Gusev. Shor. kuzn. no. 10 111-128 '64
Full-scale measurements of rock pressure in development workings at mine 5-7 of the Anzherougol' Trust. E. A. Boboi and others. Vop. geol. i razv. no. 17 10-13 '63.
Mine No. 5-6 of the Kuzbassugol' Combine made 292 m of lateral drifting. V. I. Startsev, M. P. Popkov. Shafit. strol. 9 no. 10 22-21 O '65.
Scientific and technical conference on problems of continued working to the Prikop'yevsk-Kiselevsk deposits. R. V. Butkevich. Ugol' 40 no. 8 76-77 S '65
- KUZNETSK BASIN—COAL MINING MACHINERY**
Experimental investigations in selecting the efficient design of drilling bits for the SVB-2 machine in drilling shafts in Kuznetsk Basin openworks. I. S. Matorov. Shor. Kuzn. no. 10 143-150 '64.
Experimental operation of the OMKT and KM-81 cutter-loaders in Kuznetsk Basin mines. N. N. Dmitrienko, N. S. Lepaskii, V. P. Firsov. Shor. Kuzn. no. 10 149-32 '64.
- KUZNETSK BASIN—COAL MINING MACHINERY—ELECTRIC DRIVING**
Measuring the power of electric motors of a coal-mining machine set for short walls during industrial tests in the Kuznetsk Basin. V. A. Grishin, A. K. Kovrizhin, L. M. Nachaev. Shor. Kuzn. no. 10 33-38 '64.
- KUZNETSK BASIN—GEOLOGY, STRATIGRAPHIC**
Lack of discontinuity in the base of the Ostrog series in the Kuznetsk Basin. M. I. Gialzer. Geol. i geofiz. no. 3 111-116 '65
- KUZNETSK BASIN—MINE FILLING**
Investigating the problem concerning the balance of mine filling materials at the Prikop'yevskugol' Trust. S. G. Skopin, G. P. Bochkarev. Vop. geol. i razv. no. 17 30-42 '63.
- KUZNETSK BASIN—MINE ROOF BOLTING—TESTING**
Results of investigating the strength of anchoring bolts in surrounding rocks and coal seams of the Oshnik and Kondoma Regions of the Kuznetsk Basin. A. G. Shtumpf. Vop. geol. i razv. no. 17 19-30 '63.
- KUZNETSK BASIN—ROCKS, SEDIMENTARY**
Cyclicality and characteristics of the development of the epigenesis of Triassic sediments in the Kuznetsk Basin. A. V. Vinn. Geol. i geofiz. no. 2 132-138 '65
- KUZNETSK BASIN—THORIUM**
Uranium and thorium in the igneous rocks of the Kuznetsk Basin. D. K. Ostrov, R. S. Zhuravlev. Geokhimiya no. 5 610-623 My '65
- KUZNETSK BASIN—URANIUM**
Uranium and thorium in the igneous rocks of the Kuznetsk Basin. D. K. Ostrov, R. S. Zhuravlev. Geokhimiya no. 5 610-623 My '65.
- KUZNETSK BASIN ECONOMIC REGION—COAL, MINING AND MINING—PRODUCTION STANDARDS**
Work of the central norms research station of the Kuznetsk Basin Economic Region. K. Ivanova, A. Abramova. Soob. Trans. 10 no. 9 111-112 S '65.
- KUZNETSK BASIN ECONOMIC REGION—TIME STUDY**
Machine processing of data from mass photography of working time. G. Onoprienko. Soob. Trans. 10 no. 9 91-99 S '65
- KYUROVDAG OIL FIELD—BITS (DRILLING AND BORING)**
Analyzing the performance of bits and turbodrills in the Kyurovdag area. D. S. Kasum-Zade and others. Shor. nauch.-tekhn. inform. Azerb. Inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 6 36-41 '63.
- KYUROVDAG OIL FIELD—TURBODRILLS**
Analyzing the performance of bits and turbodrills in the Kyurovdag area. D. S. Kasum-Zade and others. Shor. nauch.-tekhn. inform. Azerb. Inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 6 36-41 '63.
- KYZYL KUM—GEOLOGICAL TIME**
Geological time of magmatic processes in the Kyzyl Kum. F. A. Askanov, A. R. Ilgmev. Uzb. geol. zhur. 9 no. 1 54-63 '65.
- KYZYL KUM—GEOLOGY, STRATIGRAPHIC**
Stratigraphy of the Upper Cretaceous spore-pollen complexes of the Kyzyl Kum. V. A. Zagonnikov, N. I. Fokina. Blud. MOIP. Otd. geol. 40 no. 4 67-74 Ji-Ag '65.
- KYZYL KUM—PALYNOLOGY**
Stratigraphy of the Upper Cretaceous spore-pollen complexes of the Kyzyl Kum. V. A. Zagonnikov, N. I. Fokina. Blud. MOIP. Otd. geol. 40 no. 1 61-74 Ji-Ag '65.
- KYZYL-ORDA PROVINCE—FORAGE PLANTS**
Secondary (pasture and stubble) sowing of forage crops in Kyzyl-Orda Province. K. D. Bludnikov, D. N. Mamonov. Vest. sel'khoz. nauk [Kazakh] 8 no. 6 21-25 '65
- LABELING MACHINES**
New synthetic glue for labeling machines. B. A. Kabanova and others. Khim. prom. no. 3 20-27 Ji-S '63
- LABELS**
Machine for printing fabric-made commercial labels. A. M. Berrozum, Sh. I. A. Gendelman. Shvayn. prom. no. 4 31-33 Ji-Ag '65
- LABINSK DISTRICT—CORN (MAIZE)—DISEASES AND PESTS**
Species and population dynamics of injurious insects in seedling corn fields. A. I. Karpova. Ent. obozr. 44 no. 3 405-502 '65.
- LABOR (OBSTETRICS)**
Average blood loss during the placental and early postnatal periods of labor and the factors influencing it. R. G. Bakieva, O. A. Korol'kova, T. A. Mironova. Nauch. trudy Kaz. gos. med. inst. 14 363-368 '64.
Further study of hormonal "forceps" in practice. N. N. Krupina, A. M. Solonitsina, Z. N. Lakubova. Nauch. trudy Kaz. gos. med. inst. 14 461-462 '64.
Importance of some factors for the beginning and the course of induced labor. K. V. Voronin. Nauch. trudy Kaz. gos. med. inst. 14 385-387 '64.
Induction of labor. K. V. Voronin. Nauch. trudy Kaz. gos. med. inst. 14 381-393 '64.

LABOR, COMPLICATED

Morphological changes in the fetal membranes in a premature rupture of the bag of waters. T. A. Mitonova, Nauch. trudy Kaz. gos. med. inst. 11 487-488 '64.
Subcutaneous emphysema in labor. A. B. Plastunov, Azerb. med. zhur. 12 no. 5:75-77 Je '65.

LABOR AND LABORING CLASSES

(see also subdivision under Adzharia, Brazil, Cuba, Donets Basin, France, Germany, West, Ivanovo, Kazakhstan, Lebanon, Siberia, Ukraine)

Ethnographical study of cities and industrial communities; based on materials of the Symposium of the Seventh International Congress of Anthropological and Ethnographical Sciences. Sh. A. Bogina, V. I. Krupianskaya, Sov. etn. no. 3:110-117 My-Je '65.

Korovinova, N. I. [Beginning of the workers' movement and the dissemination of Marxism in Russia, 1883-1894] Nachalo rabochego dvizheniya i rasprostraneniye marksizma v Rossii (1883-1894 gg.) Moskva, Politizdat, 1955, 78 p. (Uchebno-metodicheskie posobia k izucheniyu istorii KPSS)

The strength of a class. D. Ambartsumov, Mol. komm. no. 9:54-59 S '65.

Workers' dynasty. B. Aizen. Prof. i tekhn. obz. 22 no. 9:7 S '65.

LABOR AND LABORING CLASSES—EDUCATION

(see also subdivision under Leningrad)

Effect of workers' education on the results of their work. I. I. Kaplin, Sov. pedagog. 20 no. 6:73-82 Je '65.

LABOR AND LABORING CLASSES—STATISTICS

The working class of developed capitalist countries. S. Preidl, Mir. ekon. i mezhdunar. otn. no. 10:55-70 '65.

LABOR AND LABORING CLASSES IN LITERATURE

Vlodina, V. T. [Polish proletarian prose in the twenty years between the wars, 1918-1939; on the formation of a method] Polska proletarska proza mizhvolennobno dvadtsatylitila (1918-1939); do pyannia stanovleniya metody. Kyiv, Naukova dumka, 1965, 216 p.

LABOR DISPUTES

Consideration of labor disputes. L. Kozushin, Otkryt. truda i sots. strakh. 8 no. 9:46-47 S '65.

LABOR ECONOMICS

Kudryavtsev, A. S., ed. [Labor economics in the U.S.S.R.] Ekonomika truda v SSSR, 3, 1 ispr. i dop. izd. [Moskva] Profizdat, 1965, 654 p.

LABOR LAWS AND LEGISLATION

(see also subdivision under Armenia, Czechoslovakia) Benefits and compensations for work in enterprises with difficult and harmful working conditions. V. Lazarev, Sots. trud. 10 no. 8:129-136 '65.

Kiselye, I. A., and A. A. Abramova, eds. [Procuratorial supervision over the observance of labor laws] Nadzor prokuratury za soblyudeniem trudovogo zakonodatel'stva. [Moskva] Izd-vo Mosk. univ., 1965, 147 p.

Kunik, I. A. A. [Fundamentals of Soviet labor law and civil procedure] Osnovy sovetskogo trudovogo prava i grazhdanskogo protsessu. Moskva, Iuridicheskaya literatura, 1965, 205 p.

[Manual on wages and labor safety for workers in the fields of culture and art] Spravochnik po voprosam oplyaty i okhany truda rabotnikov kul'tury i iskusstva. [Moskva, Profizdat, 1964, 191 p.

Practice in applying the instruction on paying salaries to educational personnel. I. U. Vasil'ov, O. Krapivin, Sots. trud. 10 no. 8:132-138 S '65.

Survey of the legislation on labor and judicial practice. Sots. trud. 10 no. 9:146-147 S '65.

LABOR PRODUCTIVITY

(see also subdivision under Moldavia)

Chernykh, V. P. [Effect of specialization upon the level of labor productivity] Vliyaniye spetsializatsii na uroven' proizvoditel'nosti truda. Moskva, Ekonomika, 1965, 99 p.

Development of a new labor discipline and the increase in labor productivity during the period of respite from March to July 1918. A. V. Andreev, Vest. Mosk. un. Ser. 9: 2at. 20 no. 4:36-50 Ji-Ag '65.

Increasing labor productivity is a vital task of today. I. Vindyachenko, Sov. professyuz. 21 no. 10:1-3 O '65.

Lopyrev, N. K. [Development of the theory of labor productivity] Razvitiye teorii proizvoditel'nosti truda. Moskva, Mysl', 1965, 191 p.

Means for increasing labor productivity in the power engineering departments of metallurgical plants. F. D. Klimenko and others. Prom. energ. 20 no. 9:8-11 S '65.

LABOR PRODUCTIVITY—MATHEMATICAL MODELS

Multiple regression analysis in the construction of statistical models of labor productivity. G. N. Veselina, A. A. Frankel, Ekon. i mat. metod. 1 no. 4:542-548 Ji-Ag '65.

LABOR PARTY (GREAT BRITAIN) see Great Britain—Labor Party

LABOR SUPPLY

(see also subdivision under Leningrad)

Current problems of using the labor supply. V. Markov, Plan. khoz. 42 no. 10:1-8 O '65.

Some problems of the efficient use of the U.S.S.R. labor resources. V. Nemchenko, Vop. ekon. no. 9:51-61 S '65.

LABORATORY ANIMALS

Absorption and distribution of mescaline in the organism of experimental animals. Yu. Z. Ter-Zakhatian, A. A. Khachatyan, Izv. AN Arm. SSR Biol. nauk. 18 no. 8:50-55 Ag '65.

LABYRINTH (EAR)

Characteristics of the functions and interaction of otolithic and cupular apparatus of the vestibular analyzer in man under changed weight conditions. L. M. Iuganov, Prikl. kosm. biol. 4:54-69 '65.

Electrical responses of the cochlea in rats under the effect of short sound signals (clicks). I. A. Vartanian, A. M. Maruseva, Fiziol. zhur. 51 no. 9:1037-1042 S '65.

Nystagmographic analysis of the fast component of vestibular nystagmus evoked by radial acceleration. M. M. Levashov, Fiziol. zhur. 50 no. 12:1121-1133 D '64.

Perception of some mechanical values peculiar to the organism of an animal. O. G. Gizenko, N. A. Chekhonikhin, Avtomatika no. 2:11-17 '65.

LABYRINTH (EAR)—DISEASES

Blagoveshchenskaya, N. S. [Otolaryngological symptomatology in the clinical aspects of cerebral tumors] Otolaryngologicheskaya simptomatika v klinicheskikh opukholyakh mozga. [Leningrad] Meditsina, 1935, 54 p. (DNLM)

Vestibulo-ocular syndrome in children with hydropsy. V. P. Grabovskaya, Sov. med. 28 no. 8:123-126 Ag '65.

LABYRINTH (EAR)—MATHEMATICAL MODELS

Elementary model of the vestibular apparatus. O. G. Gizenko and others, Prikl. kosm. biol. 4:517-554 '65.

LACQUER AND LACQUERING

Plasticizing hardening agents for lacquers based on epoxy resins. N. P. Doronidinova, I. V. Zolov, Lakokras. mat. i khim. priim. no. 1:13-35 '65.

Use of the MCh-52 lacquer in the Malina factory of bent furniture. A. V. Mallarenko, I. B. Komarovskii, E. S. Kufer'shteyn, Bum. i der. prom. no. 3:38-40 Ji-S '65.

LACTAMS

Copolymerization of γ -valerolactam with ϵ -caprolactam and ϵ -phenanthroline. O. P. Rokachevskaya, A. V. Volokhina, G. I. Kudryavtsev, Vysokom. soed. 7 no. 6:1082-1097 Je '65.

Tautomerism of lactams in vapors studied by means of infrared spectroscopy. F. S. Levin, G. N. Rodionova, Dokl. AN SSSR 164 no. 3:584-587 S '65.

LACTAMS—SPECTRA

Spectroscopic study in the lactam acids. M. V. Shalygin, D. N. Shigorin, N. V. Mikhailov, Zhur. prikl. spekt. 3 no. 1:55-64 Ji '65.

LACTATES

Alkaline reserve in the blood following intravenous introduction of sodium lactate solution into dogs after acute extensive hemorrhage. E. S. Bliznyavskiy, Fiziol. zhur. [Ukr.] 10 no. 3:396-399 My-Je '64.

LACTATES—PHYSIOLOGICAL EFFECT

Effect of intravenous introduction of 10% sodium lactate on some blood coagulation indices in dogs. R. I. A. Shumakko, Fiziol. zhur. [Ukr.] 10 no. 3:100-102 My-Je '64.

LACTATION

Reflex influences from genital receptors on mammary function. V. V. Uzbekov, Fiziol. zhur. 50 no. 12:1458-1464 D '64.

LACTIC ACID BACTERIA

Biological methods for bagasse conservation. N. Lobach, S. Semchuk, Sakh. prom. 30 no. 9:22-24 S '65.

LACTOSE—DRYING

Investigating the drying of lactose on a vibratory drying conveyor. I. I. Chernobyl'skii, V. Z. Pashchenko, S. V. Sidorenko, Khim. mashinost. no. 1:74-81 '65.

LADOGA LAKE REGION—MINERALOGY

Materials on the study of the mineralogy of metamorphic rocks in the northwestern part of the Lake Ladoga region. V. I. Lebedev and others. Min. i geokhim. no. 1:133-156 '64.

LADOGA LAKE REGION—ROCKS, CRYSTALLINE AND METAMORPHIC

Materials on the study of the mineralogy of metamorphic rocks in the northern part of the Lake Ladoga region. V. I. Lebedev and others. Min. i geokhim. no. 1:131-156 '64.

LADOGA LAKE REGION—WORLD WAR, 1939-1945—PERSONAL NARRATIVES

On Lake Ladoga. S. V. Danilichev, Rech. transp. 21 no. 5:9-9 '65.

LADYBIRDS

Ways for using ladybird beetles in controlling plant lice in the fruit zone of Alma-Ata Province. G. I. Savitskiy, Vest. sel'khoz. nauk [Kazakh] 8 no. 9:59-93 S '65.

LADOGA LAKE REGION—WORLD WAR, 1939-1945—PERSONAL NARRATIVES

On Lake Ladoga. S. V. Danilichev, Rech. transp. 21 no. 5:9-9 '65.

LADOGA LAKE REGION—WORLD WAR, 1939-1945—PERSONAL NARRATIVES

Some characteristics of the structure of forest stands and biogeography of trees in the upper range of their vertical distribution (in the subalpine belt). R. K. Ivachukidze, Sots. AN Gruz. SSR. 41 no. 2:127-131 Ag '65.

LAKE-DWELLERS AND LAKE-DWELLING see subdivision under Asia, Southeastern

LAKES see subdivision under Karelia, Shuya River Watershed

LAKTIONOV, ALEXANDR FEDOROVICH, 1899-1965

Aleksandr Fedorovich Laktionov, 1899-1965, an obituary. A. G. Baskakov, Okeanologiya 5 no. 4:763-761 '65.

LAMBS—DISEASES AND PLSTS

Treating neorhabdiosis in lambs. A. A. Annagiev, A. A. Abbasov, Veterinarnia 12 no. 7:40 Ji '65.

LAMBS—FEEDING AND FEEDS see subdivision under Virgin Territory

LAMBS—PARASITES see Parasites—Lambs

LAMELLIBRANCHIATA

Filter-feeding ability of mollusks of the genus Sphaerium (Scopoli). A. F. Alimov, Dokl. AN SSSR 164 no. 1:195-197 S '65.

LAMELLIBRANCHIATA, FOSSIL see subdivision under Katanga Basin

LAMINATED MATERIALS

Hard-alloy cutters for hand surfaces and planes. I. P. Zakharov, L. A. Fedoseev, A. K. Krivenko, Bum. i der. prom. no. 3:26-28 Ji-S '65.

LAMINATED METALS

Astrov, E. I. [Cold multilayer metals] Plakirovannyye mnogosloynnye metally. Moskva, Metallurgiya, 1965, 239 p.

Characteristics of laminated strip rolling. P. I. Polukhin and others, Izv. vuz. ucheb. zav. i chein. met. 9 no. 10:80-83 '65.

Rolling of the ASM alloy—Almen Iron bimetal. A. S. Gulinov, Tsvet. met. 38 no. 8:89-92 Ag '65.

LAMPREYS see subdivision under Amur River

LAND

Problems of farm land utilization. G. S. Hashmakov, O. S. Kolbasov, N. I. Krasnov, Sov. gos. i pravo 35 no. 8:21-20 S '65.

LAND—CLASSIFICATION see subdivision under Estonia

LAND CLEARING see Clearing of land

LAND SETTLEMENT see subdivision under Italy

LAND TENURE see subdivision under Iran

LAND TENURE—YEARBOOKS see subdivision under Europe, Eastern

LANDFORMS

(see also subdivision under Gogamskiy Range)

Analysis of the effect of relief and possibilities of its calculation in gravimetric surveying under the conditions of mountain areas. V. N. Zemlinov, Razved. geofiz. no. 5:77-79 '65.

Calculation of the magnetic field from the contact surface. G. N. Konstantinov, Geofiz. i geofiz. no. 7:96-100 '65.

LANDING AIDS (AERONAUTICS)

Airport landing light signal systems. I. U. V. Frid, Svyetotekhnika 11 no. 9:11-16 S '65.

LANDINO, CRISTOFORO, 1424-1504

Critical views of Cristoforo Landino, the Italian humanist of the second half of the 15th century; based on his treatise "Disputes in Camaldoli." L. M. Bogina, Vest. Mosk. un. Ser. 9: 1st. 20 no. 5:48-65 S-O '65.

- LANGUAGE AND LANGUAGES**
Brief news. Vop. 122, 14 no. 4:150-166 J1-Ag '65.
Brief news Vop. 122 14 no. 5:111-158 S-O '65
- Zvegintsev, V. A.** [History of linguistics during the 19th and 20th centuries in essays and excerpts] Istoriia iazykoznaniiya XIX-XX vekov v ocherkhakh i zbirchennikakh. [Izd. 3., dop.] Moskva, Prosveshcheniye, Pt. 2, 1965, 191 p.
- LANGUAGE AND LANGUAGES—AUDIO-VISUAL AIDS**
Teaching intonation. N. A. Kuznetsova. Uch. zap. MGPI no. 223:237-242 '64
- LANGUAGE AND LANGUAGES—BIBLIOGRAPHY** see Bibliography—Language and languages
- LANGUAGE AND LANGUAGES—DICTIONARIES**
On the nature of synonymy in language and theoretical premises for compiling dictionaries of synonyms. B. V. Gernung. Vop. 122 14 no. 5:95-99 S-O '65
Vachek, Josef, and Josef Dubsky. [Linguistic dictionary of the Prague school. Translated from the French, German, English, and Czech] Lingvistichestkii slovar' Prazhskoi shkoly. Pod red. i s predisl. A. A. Reformatskogo. Moskva, Progress, 1964 349 p.
(CST) (MIU) (NCD) (NeU)
- LANGUAGE AND LANGUAGES—ETYMOLOGY**
Akademiia nauk SSSR. Institut russkogoazyka. [Etymology, principles of reconstruction and methods of research] Etimologiya, printsipy rekonstruktsii i metodika issledovaniia. Moskva, Nauka, 1965 394 p.
- LANGUAGE AND LANGUAGES—PHONETIC TRANSCRIPTIONS**
Starostin, B. A. [Transcription of personal names; a practical aid] Transkriptalia osobennykh imen; prakticheskoe posobie. Izd. 2., ispr. i dop. Moskva, Kniga, 1964. 90 p.
- LANGUAGE AND LANGUAGES—STUDY AND TEACHING**
Mastering of the spoken language by adults. K. V. Voskresenskaya. Uch. zap. MGPI no. 223:127-141 '64
Role of situations in teaching the spoken language to adults. K. V. Voskresenskaya. Uch. zap. MGPI no. 223:142-148 '64
Some problems in the teaching of reading in the first course of language institutes. A. D. Dera. Uch. zap. MGPI no. 223:176-186 '64
System of exercises to develop the ability and habits of students to use grammar materials. V. P. Evliffeeva. Uch. zap. MGPI no. 223:187-200 '64
Teaching intonation. N. A. Kuznetsova. Uch. zap. MGPI no. 223:237-242 '64
- LANGUAGE DATA PROCESSING**
Algorithmization of the search for semantic connections. I. I. Ratseva. NTI no. 8:35-42 '65
- LANGUAGES, MODERN—STUDY AND TEACHING**
Foreign languages in evening technical schools. A. E. Ljubimets. Sred. spets. obr. 12 no. 8:30-32 Ag '65
Teaching of foreign languages is an international problem. H. H. Trubil. Rad. shk. 44 no. 9:109-111 S '65.
- LANSDALE, EDWARD**
The "quiet American" returns to Saigon. Vl. Zhukov. Nov. vrem. 23 no. 10:20-21 O '65.
- LANTHANIDES** see Rare earths
- LANTHANUM BORIDES—THERMAL PROPERTIES**
Investigating the vaporization of lanthanum hexaboride. S. P. Gordienko, G. V. Samonov, V. V. Fesenko, Porosh. met. 5 no. 8:70-73 Ag '65.
- LANTHANUM COMPOUNDS—SPECTRA**
Infrared spectra of lanthanum germanates. T. F. Tenishcheva, A. N. Lazarev, T. M. Pavlukevich. Izv. AN SSSR. Ser. khim. no. 9:1533-1556 '65.
- LANTHANUM MAGNESIUM NITRATE CRYSTALS**
Dynamic polarization of protons in rotating crystals of lanthanum magnesium nitrate. V. I. Lushchikov and others. Zhur. eksp. i teor. fiz. 49 no. 2:405-409 Ag '65.
- LANTHANUM NITRATES**
Reaction of lanthanum nitrate with ammonium carbonate in solution. A. M. Golub, T. P. Maldukova. Izv. AN SSSR. Neorg. mat. 1 no. 7:1166-1170 J1 '65.
- LANTHANUM TELLURIDE**
X-ray diffraction examination of lanthanum tellurides. A. A. Eliseev and others. Izv. AN SSSR. Neorg. mat. 1 no. 7:1027-1038 J1 '65.
- LAPLACE TRANSFORMATION**
Nets of the first type. G. B. Khasin. Vest. Mosk. un. Ser. I: Mat., mekh. 20 no. 4:52-58 J1-Ag '65.
Uniqueness and approximation theorems for a local Laplace transformation. I. U. I. Lushchikov, V. A. Tkachenko. Dokl. AN SSSR 164 no. 2:273-276 S '65.
- Use of the Laplace transform in solving problems in radiation theory. V. A. Pok, A. V. Tulub. Vest. LGU 20 no. 16:7-20 '65.
- LAPTEV SEA—NAVIGATION**
Rivercraft sails the Arctic Ocean. M. Amosin. Rech. transp. 21 no. 8:43-44 Ag '62
- LAPTEV SEA REGION—CYCLONES**
Secondary cyclones on the coast of the Laptev Sea. M. A. Masterskiy. Trudy TSIP no. 146:37-40 '65
- LARCENY** see subdivision under Georgia
- LARKSPUR** see subdivision under Turkmenistan
- LARVAE—INSECTS**
Larvae of fruit flies of the genus *Carpomyia* A. Costa (Diptera, Tephritidae). M. N. Kandybina. Ent. oboz. 44 no. 3:655-672 '65.
Materials on morphological and ecological classification of the larvae of dragonflies (Odonata). L. N. Pritykina. Ent. oboz. 44 no. 3:503-510 '65.
New data on the systematics of dendrophilous soldier flies (Diptera, Stratiomyidae) and their larvae. N. I. Kivoshina. Ent. oboz. 44 no. 3:652-664 '65.
Review of the larvae of Cryptocephallinae (Coleoptera, Chrysomelidae) in the forest zone of the European part of the U. S. S. R. D. A. Ogloblin, L. N. Medvedev. Zool. zhur. 11 no. 7:1018-1027 '65.
- LARVAE—WORMS**
Fine structure of the sheep tapeworm larva *Coenurus skrjabini*. E. D. Logachev. Dokl. AN SSSR 164 no. 1:235-240 S '65.
- LARYNX—CANCER**
Cancer of the larynx in a girl aged 15, one observation. L. E. Voronova. Vop. onk. 11 no. 7:107-108 '65.
Clinical aspects and treatment of premalignant and malignant diseases of the larynx. G. L. Patzullina. Nauch. trudy Kaz. gos. med. inst. 14:505-506 '64.
Sequelae of radiotherapy of cancer of the larynx. V. O. Kalina and others. Med. rad. 9 no. 11:3-7 N '64
- LARYNX—INNERVATION**
Participation of the cervical spinal ganglia in the sensory innervation of the larynx. N. F. Iankovskaya. Nauch. trudy Knz. gos. med. inst. 14:333-334 '64.
- LASERS**
(see also subdivision under United States)
Applicability of lasers in the spectrum analysis of copper based alloys. V. V. Pantelev, A. A. Iankovskii. Zhur. prikl. spekt. 3 no. 1:96-98 J1 '65
Breakdown and heating of gases under the action of a laser beam. I. P. Raizer. Usp. fiz. nauk 87 no. 1:20-64 S '65.
A cadmium telluride laser with electronic excitation. V. S. Vavilov, E. L. Nolle. Dokl. AN SSSR 164 no. 1:73-74 S '65.
Continuous operation of a GaAs injection laser cooled by a flow of gaseous helium. M. N. Zargartants, and others. Dokl. AN SSSR 164 no. 1:78-79 S '65.
Density distribution of pumping radiation in a trigonal rod. F. K. Antkovskii, T. K. Gur'yanova. Dokl. AN SSSR 9 no. 6:364-366 Je '65.
Dependence of oscillation power on the amount of losses in a gas laser. A. P. Voitovich, I. L. Katsev. Zhur. prikl. spekt. 3 no. 1:38-41 J1 '65
Dependence of the radiation power of plane-mirror gas lasers on the angle of unparallelism of the mirrors. B. I. Stepanov, A. P. Prishvalko. Dokl. AN SSSR 9 no. 7:432-434 J1 '65.
Determining the parameters of losses on a ruby laser. B. I. Stepanov, A. N. Rubinov, S. A. Mikhnov. Dokl. AN SSSR 9 no. 6:367-371 Je '65.
Frequency dependence of the threshold of light breakdown in air. S. A. Akhmanov and others. Fiz. v red. Zhur. eksp. i teor. fiz. 1 no. 1:42-47 Ap '65.
Illumination of a bubble chamber by means of a ruby laser. M. Gorbunkov, V. V. Korobkin, A. M. Leonovich. Dokl. AN SSSR 164 no. 1:75-77 S '65.
In the "high-frequency current column." V. Rybin. Sov. voen. 47 no. 13:26-28 J1 '65.
A light spark in a magnetic field. G. A. Askar'yan and others. Fiz. v red. Zhur. eksp. i teor. fiz. 1 no. 1:9-15 Ap '65.
Measurement of the time parameters of a large laser using a photodiode. R. V. Ambalitskii and others. Radiotekh. i elektron. 10 no. 9:1729-1730 S '65.
Performance of a neodymium laser under Q-pulse conditions. V. A. Piliptovich, I. P. Morgun. Zhur. prikl. spekt. 3 no. 1:92-95 J1 '65.
Self-channeling of light beams. Usp. fiz. nauk 87 no. 1:169-170 S '65.
Sensitivity of a laser operating on neodymium glass. N. G. Basov, A. Z. Gratsuk, I. G. Zubarev. Zhur. prikl. spekt. 3 no. 1:25-31 J1 '65.
- A 75th Inset. I. U. N. Petkov, A. M. Prokhorov. Fiz. v red. Zhur. eksp. i teor. fiz. 1 no. 1:39-41 Ap '65.
- Theory of stationary radiation from a homogeneous system in a resonator with many modes. Part 2. Optimal conditions for laser radiation. H. H. Bunkin, V. S. Mashevich, O. I. Fiz. zhur. 10 no. 6:980-1006 S '65
- Three-dimensional distribution of an electric field produced by focusing the rays from a ruby laser. T. M. Baidukova and others. Zhur. eksp. i teor. fiz. 49 no. 2:385-388 Ag '65
- LATEX**
Late base heat and sound insulating materials for subflooring. P. T. Novikova and others. Stroitel. mat. 11 no. 8:17-18 Ag '65
- LATHES**
Experimental lathe for turning metals in the speed range from 5,000 to 20,000 meters per minute. V. V. Vabitskiy. Vop. Trudy LPI no. 250:61-64 '65
Modern methods of training workers. P. A. Anshinov. Sots. trud. 10 no. 9:24-30 S '65.
- LATHES—NUMERICAL CONTROL**
Electromechanical copying system for lathes. I. N. Sysoev, V. A. Iakovchenko, M. Z. Zaslavskii. Stan. i inst. 36 no. 8:4-7 Ag '65.
- LATHES—PARTS**
Increasing the reliability and durability of cam-level mechanisms of automatic lathes. A. S. Shil'mov. Mashinostroenie no. 5:14-15 S-O '65
- LATHES—TECHNOLOGICAL INNOVATIONS**
Modernization of the carriage of the 1918 turret lathe. S. P. Sheketa. G. I. Peletnikov. Mashinostroenie no. 5:55-56 S-O '65.
- LATIN AMERICA—FOREIGN RELATIONS—RUSSIA**
The U. S. S. R. and Latin America. A. E. Ioffe. Nov. i novosti, 1st. no. 5:79-88 '65.
- LATIN AMERICA—HISTORY—STUDY AND TEACHING**
Latin American seminar for Soviet students. N. S. Diko. Nov. i novosti, 1st. no. 5:101 '65.
- LATIN AMERICA—INVESTMENTS, JAPANESE**
Penetration of Japanese capital into Latin America. Z. Romanova. Mirovaia ekonomika i mezhdunar. otn. 10:125-127 '65.
- LATIN AMERICA—POLITICS AND GOVERNMENT**
Akademiia nauk SSSR. Institut Latinskoi Ameriki. [Political parties of the countries of Latin America] Politicheskie partii stran Latinskoi Ameriki. Moskva, Nauka, 1965. 317 p.
- LATIN AMERICA—PUBLIC OPINION**
The people of the United States and Latin America protest against the intervention in the Dominican Republic. V. V. Altman. Nov. i novosti, 1st. no. 5:104-104 '65.
- LATIN AMERICA—STRIKES AND LOCKOUTS**
On a "volcanic continent." V. L. Intov. Sov. profsotruy 21 no. 17:36-38 S '65.
- LATIN-AMERICAN STUDIES**
Scientific symposiums of students on the problems of Latin America. N. S. Diko. Vest. vuz. shkoly 23 no. 8:84-86 S '65.
- LATVIA—BIBLIOGRAPHY**
Riga, Valsts biblioteka. Bibliografijas un metodiska darba nodal. [Twenty years of Soviet Latvia, concise bibliography for the 20th anniversary of Soviet Latvia] Padomju Latvijas divdesmit gadu, 1940-1960; las literaturas raditajs Padomju Latvijas 20. gadadienai. Divdassit let Sovetskoi Latvii; kratkii ukazatel' literatury k 20-letiiu Sovetskoi Latvii. Riga, Valsts biblioteka, 1960. 47 p.
(RPB)
- LATVIA—CATTLE BREEDING**
Breeding work should be conducted according to economic principles. G. Akimov, A. Zaitins. Eten. sel'khoz. 41 no. 9:94-96 S '65.
- LATVIA—COMMUNIST PARTY OF THE SOVIET UNION—HISTORIOGRAPHY**
Historiographical review of the history of the Communist Party of Latvia from the 1900's to 1910. J. F. Kristiansons. Vest. LGU 20 no. 14:61-61 '65.
- LATVIA—HISTORY**
[Soviet Latvia is 25 years old] Sovetskoi Latvii 25 let. [By] A. Ia. Pol'shko dr. Moskva, Izd-vo "Znanie," 1965. 31 p. (Novoe v zhizni, nauka, tekhnika, i SSSR: Istorii, no. 17)
- LATVIA—INFORMATION SERVICES**
Courses for improving the qualifications of information workers in Latvia. L. I. Lopatkin. NTI no. 7:11 '65.

LATVIA—PHYSICAL EDUCATION AND TRAINING

Mass work in sports as an indivisible part of the educational process. I. Brand. *Sporty i otz.* 12 no. 8 37-40 Ag '65.

LATVIA—REFRIGERATION AND REFRIGERATING MACHINERY

Development of refrigeration in the Latvian S.S.R. M. I. Raman. *Khol. tekhn.* 42 no. 1-1-1 Ji-Ag '65.

LAUNCHES

Launch for salvage ship. N. A. Makarov. *Sudostroyeniye* no. 8 66-69 Ag '65.

LAUREL

(see also subdivision under Georgia; Krasnodar Territory)

Propagation of laurel by leaves and buds. Z. Sh. Gabrielyan. *Subtrop. op. kul't.* no. 1:101-106 '65.

LAUREL—DISEASES AND PESTS see subdivision under Georgia

LAW

(see also subdivision under Kazakhstan)

I. S. Dnestrov's work entitled "Soviet law and the ethical code of the builders of communism." O. Shchemelova. *Sots. zakon*, 12 no. 9:91-92 S '65.

New laws. *Sots. zakon*, 12 no. 8:81-83 Ag '65.

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—CASES

(see also subdivision under Ukraine)

[Bulletin of the Supreme Court of the R.S.F.S.R.] *Blul. Verkh. Suda RSFSR* no. 9 '65.

Decisions of the Plenum of the Supreme Court of the U.S.S.R. in specific cases. *Blul. Verkh. Suda* no. 1:10-16 '65.

From the practice of procuratorial supervision. *Sots. zakon*, 12 no. 9:86-89 S '65.

Practices of procuratorial supervision. *Sots. zakon* 42 no. 8:84-88 Ag '65.

LAW—PERIODICALS

Readers about their periodical. *Sov. iust.* 20 no. 17:30-32 S '65.

LAW—REFERENCE BOOKS see subdivision under Kropotkin (Krasnodar Territory)

LAW—STUDY AND TEACHING

(see also subdivision under Moscow, Tambov Province)

Tropical plan for the study of Marxist-Leninist theory of state and law. *Sov. gos. i pravo* 35 no. 9:113 S '65.

LAW—TERMS AND PHRASES

The meaning of the term "family member" in housing law. S. Korneev. *Sov. iust.* 20 no. 16:17-19 Ag '65.

LAW ENFORCEMENT

(see also subdivision under Lugansk Province)

General supervision over law observance. V. Kuznetsov. *Sots. zakon*, 42 no. 9:19-25 S '65.

Kashenov, V. P. [People's court guarding socialist legality] *Narodnyi sud na sotsialisticheskoi zakonomosti*. Moskva, Iuridicheskaya literatura, 1965, 71 p.

LAWYERS

(see also subdivision under India; Leningrad; Lugansk Province; Ukraine, Zaporozhye Province)

Briefly on the authors of fundamental articles. *Sov. pravo* 35 no. 9:166 S '65.

A delegation of Soviet lawyers in the Hungarian People's Republic. G. Kazulin. *Sots. zakon*, 42 no. 9:74-77 S '65.

Ten days in the Hungarian People's Republic. *Blul. Verkh. Suda* no. 4:40-41 '65.

A trip of Soviet lawyers to the German Democratic Republic. *Blul. Verkh. Suda* no. 4:38-39 '65.

LAW JUDGES

(see also subdivision under Gorkiy)

Russia (1917- R.S.F.S.R.) Laws, statutes, etc.

[Statute on elections to district (municipal) courts of the R.S.F.S.R. Approved by the Decree of the Presidium of the Supreme Soviet of the R.S.F.S.R. of October 26, 1960. As amended and supplemented by the Decree of the Presidium of the Supreme Soviet of the R.S.F.S.R. of September 22, 1965] *Polozheniye o vyborakh raionnykh (gorodskikh) narodnykh sudov RSFSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta RSFSR ot 28 oktyabrya 1960 goda. S izmeneniyami i dopolnleniyami, vnesennymi Ukazom Prezidiuma Verkhovnogo Soveta RSFSR ot 22 sentyabrya 1965 goda*. Moskva, Sovetskaya Rossiya, 1965, 15 p.

LAZAREV, A.

A. Lazarev as Walter Schering. N. Balatova. *Teatr* 26 no. 9:120-122 S '65.

LAZULITE see subdivision under Kazakhstan

LEACHING

(see also subdivision under Kazakhstan)

Effect of temperature conditions on the process of gold salinization. D. Sitarov. *Dokl. Akad. nauk* no. 5:12-15 My '65.

Study of the dynamics of the transfer of salts in porous media. V. V. Ruchinskii, A. V. Ivanov. *Izv. TSKH* no. 2:186-191 '65.

Studying the salt loss from soils by the leaching of monoliths. V. R. Volobuev. *Dokl. AN Azerb. SSR* 21 no. 5 62-66 '65.

LEACHING—EQUIPMENT AND SUPPLIES

New method of preparing return solutions for the leaching of nepheline sinters. L. U. Kotleva, A. I. Lajner, M. A. Kolenkova. *Izv. vuz. ucheb. zav. i tvort. met.* 8 no. 3:58-64 '65.

LEAD

(see also subdivision under Kazakhstan)

Cathodic polarization during the separation of lead from lithium complex electrolytes. V. S. Galanter, I. S. Meshkova, O. K. Kudra. *Ukhim. zhur.* 31 no. 8:866-871 '65.

LEAD—METALLURGY

Kinetics of the monosulfide substitution. A. S. Tumarov, L. N. Tikhonova. *Izv. vuz. ucheb. zav. i tvort. met.* 8 no. 3:82-85 '65.

Lead and zinc recovery from lead smelter slags by sublimation in vacuum. V. N. Nesterov, A. I. Iselt, R. A. Isakova. *Isvet. met.* 38 no. 8:26-30 Ag '65.

LEAD—SPECTRA

Spectra of analysis of high-purity lead. O. I. Degtiareva, M. F. Ostrovskaia. *Zhur. anal. khim.* 20 no. 7:811-821 '65.

LEAD COMPOUNDS

X-ray phase-shift study of the systems $PbSnO_3$ - $PbWO_4$, $PbSnO_3$ - $PbMoO_4$, $PbHfO_4$ - $PbWO_4$, $PbHfO_4$ - $PbMoO_4$. I. N. Belinev, L. N. Avet'yanova, I. I. Beliaeva. *Izv. AN SSSR Neorg. mat.* 1 no. 7:1184-1188 Ji '65.

LEAD-COPPER ALLOYS see Copper-lead alloys

LEAD INDUSTRY

Recovery of sulfuric acid from the waste gases of lead production. R. U. Abdurvaliev. *Khim. prom.* 41 no. 8:627 Ag '65.

LEAD ISOTOPES see subdivision under Soviet Central Asia

LEAD-MAGNESIUM ALLOYS see Magnesium-lead alloys

LEAD TELLURIDE CRYSTALS—THERMOELECTRIC PROPERTIES

Thermoelectric properties of n-PbTe at high temperatures. T. S. Stavitskii, V. A. Long, B. A. Gilmova. *Fiz. tverd. tela* 7 no. 8:2554-2555 Ag '65.

LEAD TELLURIDES

Preparation of semiconducting films of PbTe by the method of specimens of variable composition. L. S. Palatnik, V. K. Sorokin. *Izv. vuz. ucheb. zav. i tvort. met.* 8 no. 3:48-52 '65.

LEAD-TIN-BISMUTH ALLOYS

Linear damping coefficient of gamma rays from Co60 and Cs137 by various alloys. V. I. Kutsaev, V. I. Stetsenko. *Atom. energ.* 18 no. 2:203 Ag '65.

LEAF BEETLES

(see also subdivision under Dnieper Valley)

Review of the larvae of Cypripodaphaninae (Coleoptera, Chrysomelidae) in the forest zone of the European part of the U.S.S.R. D. A. Ogloblin, L. N. Medvedev. *Zool. zhur.* 44 no. 7:1018-1027 '65.

LEAF SPOT

Leaf spots in hexaploid wheat induced by chemical mutagens. T. V. Salnikova, N. N. Zoz. *Dokl. MOIP. Otd. biol.* 70 no. 4:145-147 Ji-Ag '65.

LEAKAGE ELECTRIC CURRENTS see Electric currents, Leakage

LEATHER

Compatibility of shoe finishing materials with leather coatings. I. M. Shibaeva, K. M. Zurbafan. *Kozh. - obuv. prom.* 7 no. 9:23-27 S '65.

Filling of chrome leather for shoe uppers. B. M. Dushyn, M. L. Derbaremdiker. *Lsh. prom.* no. 3:57-58 Ji-S '65.

Manufacture of leather for shoe uppers from the sides of sole and insole leather. A. V. Molovin and others. *Kozh. - obuv. prom.* 7 no. 9:30-40 S '65.

Masner, Liboslav. [Leather finishing. Translated from the Czech] *Otdelka kozh.* Pod red. A. N. Mikhailova. Moskva, Legkaya industriya, 1965, 322 p.

LEATHER—MACHINERY

Programming system with punched tape for the control of continuous form apparatus. S. L. Gusevich, I. I. Storchenko, A. B. Kipids. *Kozh. - obuv. prom.* 7 no. 9:13-16 S '65.

LEATHER—PLASTIC PROPERTIES

Effect of various factors on the shape keeping of footwear. M. A. Tikhonenko. *Kozh. - obuv. prom.* 7 no. 9:27-33 S '65.

LEATHER—TESTING

Determination of leather in bonding. A. P. Beloshtan. *Kozh. - obuv. prom.* 7 no. 8:11-17 Ag '65.

Investigating the effect of relative air humidity drops on the deformation of the leather parts during shoe manufacture and storage. G. S. Klimchuk, I. U. P. Zybina. *Izv. vuz. ucheb. zav. i tvort. met.* no. 1:96-100 '65.

New methodology for the evaluation of the hygrothermal resistance of leather. F. I. Bokseiman, E. I. Bilk, V. P. Chirchakov. *Lsh. prom.* no. 3:30-31 Ji-S '65.

Studying the mechanical properties of materials for shoe uppers under the conditions of uniaxial and biaxial stretching. A. I. Zybina. *Izv. vuz. ucheb. zav. i tvort. met.* no. 4:81-85 '65.

LEATHER, ARTIFICIAL

Compatibility of polyamides with other polymers. V. I. Aleksenko, O. I. Vorontsova. *Kozh. - obuv. prom.* 7 no. 9:20-23 S '65.

LEATHER, ARTIFICIAL—DRYING

Drying of artificial insole leather at high temperatures. P. Sh. Alopov, I. T. Vodiakov, N. S. Chumakov. *Kozh. - obuv. prom.* 7 no. 8:19-22 Ag '65.

LEATHER, ARTIFICIAL—THERMAL PROPERTIES

Effect of the form of the absorbed moisture bond on the thermophysical properties of some types of artificial leather. A. F. Miglinchenko, N. I. Salyon, M. F. Kozan'skii. *Izv. vuz. ucheb. zav. i tvort. met.* no. 4:53-56 '65.

LEATHER INDUSTRY

Concentrates for leather finishing containing a new synthetic binding agent substituting for casein. A. V. Afanas'ev and others. *Kozh. - obuv. prom.* 7 no. 8:11-14 Ag '65.

LEATHER INDUSTRY—EQUIPMENT AND SUPPLIES

Wooden guide screw in a wain apparatus. L. B. Karlin'skaya. *Kozh. - obuv. prom.* 7 no. 8:29 Ag '65.

LEATHER SUBSTITUTES

(see also subdivision under Chernovtsy)
Moscow. Tsentralnyi institut nauchno-tekhnicheskoi informatsii legkoj promyshlennosti. [Leatherlike rubber for the sole parts of footwear manufactured by the cementing method] *Kozhepodobnyye reziny dlia niza obuvi kleevogo metoda krepleniya*. Moskva, 1964, 39 p. [MICROFILM]

LEAVES

Aldehydes in volatile substances emitted by mashed leaves. V. Sh. Kakabadze, S. N. Shoin. *Soob. AN Gruz. SSR* 38 no. 2:321-328 My '65.

Effect of quinones on the protein synthesis in leaves. O. N. Kulaseva, N. L. Klitschko. *Dokl. AN SSSR* 164 no. 2:158-161 S '65.

Periodicity of protein synthesis in a wild tobacco leaf. N. L. Klitschko, O. N. Kulaseva. *Dokl. AN SSSR* 164 no. 1:210-218 S '65.

LEAVES—MORPHOLOGY

Phenomenon of heterophylly in the development of the seedlings of Norway maple (*Acer platanoides* L.). E. A. Kondrat'eva-Mel'vil'. *Vest. LGU* 20 no. 15:30-13 '65.

Study of the assimilating organs of plants. A. V. Gurekii. *Blul. Glav. bot. suda* no. 67:3-10 '65.

LEAVES, FOSSIL

Ushin, a new species from the Kamyshin Paleocene flora. A. A. Kolakovskii. *Paleont. zhur.* no. 3:127-132 '65.

LEBANON—LABOR AND LABORING CLASSES

Invaluable help to the workers. Ahmad Kimal. *Vsem. prof. dvizh.* no. 5:13 S '65.

LECTURES AND LECTURING see subdivision under White Russia

LEG—DISEASES

Treatment of endarteritis of the lower extremities with vacuum massage. G. M. Ilutovich, E. B. Nechaev, Vop. kur., filoter, i lech. fiz. kul't. 20 no. 4:856-357 Ji-Ag '64.

LEG—RADIOGRAPHY

Methodology for one-stage angiography of the lower extremities. V. I. Vetoshchuk, M. V. Prokopyahin. *Vest. rent. i rad.* 40 no. 4:60-61 Ji-Ag '65.

LEGAL AID see subdivision under Salka (Chelyabinsk Province)

LEGISLATIVE BODIES see subdivision under Czechoslovakia

LEIPZIG—FAIRS

At the Leipzig Fair K Sinagin, A. Pleshev, I Rumian-tsov Sov iuzg 38 no 6 48-51 Je '65

Scientific congress dedicated to the 800th anniversary of the Leipzig Fair. P. A. Baranov, Zemledelo 27 no. 6:94-95 Je '65.

LEMESHEV, SERGEI IAKOVLEVICH, 1902-

From my autobiography S Lemeshev Sov muz. 29 no. 8:83-89 Ag '65.

LEMON

(see also subdivision under Georgia)

Dynamics of carbohydrates in lemon leaves under various ecological conditions R G Dzhasht Subtrop.kul't no 1 81-85 '65

LEMON—DISEASE AND PEST RESISTANCE see subdivision under Sicily

LENA RIVER ESTUARY—SEDIMENTATION AND DEPOSITION

Flow of suspended sediment in the Lena River estuary. P. D. Tsakov. Trudy GGI no. 124 125-138 '65.

LENGTH MEASUREMENT

Measuring the length of hot pipes in rolling IU. G. Kreimer, V. N. Kiyvnenko. Mekh. i avtom. prozv 19 no. 8:27-28 Ag '65.

LENIN, VLADIMIR IL'ICH, 1870-1924

[For children about Lenin] Dettam o Lenine, 3., perer. i dop. izd. [Moskva, Izd-vo Malyshev, 1965. 45 p. (chiefly illus.)]

A great legacy. M. Rybakov. Komm. Vooruzh. Sil 46 no. 15:9-18 Ag '65.

Kedrov, B. M. [How to study V. I. Lenin's book "Materialism and empiriocriticism"] Kak izuchat knigu V. I. Lenina "Materializm i empiriokrititsizm." Izd. 2. Moskva Politizdat, 1965. 199 p.

Klopov, E. V. [Lenin in the Smol'nyi; V. I. Lenin's activities in the government during the first months of Soviet rule, October 1917-March 1918] Lenin v Smol'noi, gosudarstvennaya delatel'nost' V. I. Lenina v pervye mesiaty Sovetskoi vlasti, oktjabr' 1917 g - mart 1918 g. Moskva, Mysl', 1965. 454 p.

Korovinikova, N. I. [Beginning of the workers' movement and the dissemination of Marxism in Russia, 1883-1894] Nachalo rabochego dvizhenia i rasprostraneniye marksizma v Rossii (1883-1894 gg.) Moskva, Politizdat, 1965. 78 p. (Uchebno-metodicheskie posobia k izucheniu istorii KPSS)

Krupskaya, N. K. [N. K. Krupskaya about Lenin; a collection of articles and speeches] N. K. Krupskaya o Lenine, sbornik statei i vystuplenii. [Moskva, Politizdat, 1965] 397 p. (MH)

Lenin and historical science. N. M. Frolikin. Nov. i noveish. ist. no. 5:188 '65.

Lenin and the notion of an "epoch" in world history. D. M. Zhukov. Nov. i noveish. ist. no. 5:3-8 '65.

Leninist principles of the Soviet corrective labor policy. IU. G. Nekrasov. Vest. Mosk. un Ser. 9 Ist. 20 no. 4: 51-65 Ji-Ag '65.

Lenin's ideas are being applied in practice. A. K. Kaityes. Izv. AN Turk. SSR, Ser. obshchestv. nauk no. 4 3-11 '65.

A mighty ideological weapon of the party V. Zevin. Part. zhizn' no. 18 8-17 S '65

Moscow. Institut marksizma-leninizma. [V. I. Lenin; a brief biographical sketch] V. I. Lenin; knizhki biograficheskii ocherk. Izd. 3. Moskva, Politizdat, 1965. 214 p.

Nazimova, E. M. [The first day...; V. I. Lenin in Petrograd on April 4, 1917] Pervyi den'..., V. I. Lenin v Petrograde 4 aprilia 1917 goda [Leningrad] Lenizdat, 1965. 76 p.

Problems of international politics in new V. I. Lenin documents. IA. Temkin, M. Trush, Mezhdunar. zhizn' 12 no. 10 18-27 O '65.

Soboleva, P. I. [The struggle of the Bolsheviks against the Mensheviks and the Socialist Revolutionaries for Lenin's peace policy, November 1917-1918] Bor'ba bol'shevikov protiv men'shevikov i eserov za leninskuyu politiku mira (noiabr' 1917-1918 gg.) [Moskva] Izd-vo Mosk. univ., 1965. 191 p.

Spirkin, A. G. [Development of Marxist philosophy by Lenin] Razvitiye Leninyim filosoffi marksizma. Moskva, Izd-vo "Znanie," 1965. 78 p. (Novoe v zhizni, nauke, tekhnike. II Seriya: Filosoffia, nos. 17/18)

Triumph of Lenin's great ideas. K. I. Lukashov. Vest. AN BSSR. Ser. hram. nav. no. 2:5-13 '65.

V. I. Lenin and the historical science; all-Union scientific session in Kiev. V. A. Dunavskii, V. I. Neupokoev. Vest. AN SSSR 35 no. 8:97-101 '65.

V. I. Lenin and the studies of party history. P. Pospelov. Komm. UP. 1. 10 no. 9:11-22 S '65.

V. I. Lenin on political liberties and the equality of citizens in the socialist society. U. A. Kuchynskii, S. P. Margunskii. Vest. AN BSSR. Ser. hram. nav. no. 2:20-28 '65.

LENN, VLADIMIR IL'ICH, 1870-1924—BIBLIOGRAPHY

see Bibliography—Lenin, Vladimir Il'ich, 1870-1924

LENN, VLADIMIR IL'ICH, 1870-1924—DRAMA

"It was difficult for Lenin..." the play "Sixth of July" performed in the M. Gor'ki Moscow Art Theater and in the K. S. Stanislavskii Theater of Drama in Moscow The drama "Between heavy rains" presented in the V. Maikovskii Theater in Moscow and in the A. S. Pushkin Theater of Drama in Leningrad N. Potapov. Teatr 26 no. 9 21-35 S '65

Theme of creativity. IU. Zubkov Teatr 26 no. 9 131-132 S '65

LENN IN LITERATURE AND ART

Image of V. I. Lenin in F. Kazakov's tale "Blue notebook." S. Kh. Akhmedov Vest. LGU 20 no. 14 13-22 '65

Polevoi, D. N., and N. N. Zhukov. [Our Lenin] Nash Lenin Moskva, Detskaya literatura, 1965. 140 p. (Shkol'naya biblioteka)

Responsibility before the truth. B. Iakovlev. Vop. lit. 8 no. 9:3-24 S '65.

LENNINGRAD—ART GALLERIES AND MUSEUMS

Leningrad. Ermitazh. [Through the Hermitage without a guide] Po Ermitazhu bez ekskursovoda. Sost. IU. G. Shapiro. Leningrad, 1963. 197 p. illus. (NNMM)

LENNINGRAD—BAR ASSOCIATIONS

Control of the quality of the performance of advocates A. Kaliaev. Sov iust. 29 no. 16 24-26 Ag '65.

LENNINGRAD—CARGO HANDLING—COSTS

Economically efficient work in ports. L. Shvyreva Ruch. transp. 21 no. 8 12-13 Ag '62

LENNINGRAD—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Activity of party control committees in the industrial enterprises of Leningrad, 1959-1963. A. A. Kitilina. Vest. LGU 20 no. 11 5-15 '65.

Initiative of a party group. A. Likhachev. Part. zhizn' no. 18 41-42 S '65.

Strengthening the ties between party propaganda and life from the experience of the Moscow and Leningrad organizations in party work, 1959-1963. K. I. Vasilina. Vest. Mosk. un Ser. 9 Ist. 20 no. 4 3-18 Ji-Ag '65.

LENNINGRAD—CONCERTS

Letters from cities' Leningrad. M. Blalik Sov. muz. 29 no. 8:112-113 Ag '65

LENNINGRAD—ETHNOLOGICAL MUSEUMS AND COLLECTIONS

V. V. Radlov's role in expanding the ethnological collections of the Museum of Anthropology and Ethnography of the Russian Academy of Sciences. N. P. Fedorov. Vop. ant. no. 16:142-143 '64.

LENNINGRAD—FLOORS, CONCRETE

Technology of assembling prefabricated flooring from single-hollow reinforced concrete floor boards. S. D. Khudinin, V. L. Volskov. Nauch. trudy AKKH no. 31. 172-178 '64

LENNINGRAD—FOREMEN

Some problems concerning the education of young workers from the work experience of the Leningrad party organizations. V. G. Bukreeva. Vest. LGU 20 no. 14:41-50 '65.

LENNINGRAD—INDUSTRIAL MANAGEMENT

Activity of party control committees in the industrial enterprises of Leningrad, 1959-1963. A. A. Kirilina. Vest. LGU 20 no. 11:5-15 '65.

LENNINGRAD—LABOR AND LABORING CLASSES—EDUCATION

Some problems concerning the education of young workers from the work experience of the Leningrad party organizations. V. G. Bukreeva. Vest. LGU 20 no. 14:11-50 '65.

LENNINGRAD—LABOR SUPPLY

Efficient use of the labor supply. V. Polozov, G. Komarov. Plan. khoz. 12 no. 10 87-88 O '65.

LENNINGRAD—LAWYERS

Control of the quality of the performance of advocates. A. Kaliaev. Sov iust. 29 no. 16:24-26 Ag '65.

LENNINGRAD—LOCOMOTIVES—MAINTENANCE AND REPAIR

Continuous unit-replacement system of locomotive repair. A. I. Kalita, Zhel. dor. transp. 47 no. 8:52-55 Ag '65.

LENNINGRAD—MACHINERY INDUSTRY

Initiative of a party group A. Likhachev Part. zhizn' no. 18:11-12 S '65

LENNINGRAD—MANUFACTURES

Industrial wastes are a valuable raw material. I. T. Ioff-mov, E. Tolstov. Plan. khoz. 42 no. 9:83-84 S '65.

LENNINGRAD—METALWORKERS

Influence of a diversified work assignment on the worker in production, experience from concrete sociological research. L. I. Shelomova Uch. zap. Kaf. obshchestv. nauk vuz g. Len., Filoz. no. 6 117-147 '65

LENNINGRAD—MOTION-PICTURE AUDIENCES

Some results of sociological research on the acceptance and appreciation of motion-picture art by the spectator V. N. Sorokina Uch. zap. Kaf. obshchestv. nauk vuz g. Len., Filoz. no. 6 118-155 '65

LENNINGRAD—PHILOSOPHY—STUDY AND TEACHING

Philosophical thought at the St. Petersburg University; the first professors of philosophy. U. D. Rozensfeld. Vest. LGU 20 no. 7:79-86 '65.

LENNINGRAD—PLASTICS IN SHIPBUILDING

Leningrad shipbuilders are carrying out the decisions of the December Plenum (1963) of the Central Committee of the CPSU Sudostroyeniye 30 no. 7:55-57 Ji '64.

LENNINGRAD—RAILROADS—EMPLOYEES

The railroad workers of the Leningrad junction during the period of the blockade, 1911-1913. S. A. Udalov. Vest. LGU 20 no. 11:16-27 '65.

LENNINGRAD—SIEGE, 1941-1944

The railroad workers of the Leningrad junction during the period of the blockade, 1911-1913. S. A. Udalov. Vest. LGU 20 no. 14:18-27 '65

LENNINGRAD—TECHNOLOGY—INFORMATION SERVICES

Participation of the scientific and technical section of a scientific research institute in research and experimental design work IU. Kh. Lokshin, N. A. Alifreva. NTI no. 8 7-9 '65.

LENNINGRAD—THEATER

"It was difficult for Lenin..." the play "Sixth of July" performed in the M. Gor'ki Moscow Art Theater and in the K. S. Stanislavskii Theater of Drama in Moscow The drama "Between heavy rains" presented in the V. Maikovskii Theater in Moscow and in the A. S. Pushkin Theater of Drama in Leningrad N. Potapov. Teatr 26 no. 9 26-35 S '65.

Tetlakovskii, V. A. [Reminiscences] Vospominaniya. Leningrad, Iskustvo, 1965. 462 p. (Teatral'nye vospominaniya)

LENNINGRAD—WAGES—CLOTHING INDUSTRY

New development in wages and labor organization in a clothing enterprise. A. Kravinskaya. Sots. trud. 10 no. 8 10-15 '65.

LENNINGRAD—WAGES—CONSTRUCTION INDUSTRY

A piecework-bonus wage system in construction. M. Khvorostannikov. Sots. trud. 10 no. 8:20-22 '65.

LENNINGRAD—WASTE PRODUCTS

Industrial wastes are a valuable raw material. I. T. Ioff-mov, E. Tolstov. Plan. khoz. 42 no. 9:83-84 S '65.

LENNINGRAD ECONOMIC REGION—ECONOMIC POLICY

A comprehensive plan for the development of an economic region. A. Antonov. Plan. khoz. 42 no. 9:12-16 S '65.

LENNINGRAD ECONOMIC REGION—HOUSE FURNISHINGS INDUSTRY

For the needs of the population. P. Goncharov, M. Ivanova. Plan. khoz. 42 no. 9:82-83 S '65.

LENNINGRAD ECONOMIC REGION—MACHINERY INDUSTRY—MANAGEMENT

Specialization practice in the machinery industry. I. Smirnov, A. Mamchenko. Plan. khoz. 42 no. 9:84-88 S '65.

LENNINGRAD PROVINCE—BOTANY

Leningrad. Universitet. [Flora of Leningrad Province] Flora Leningradskoi oblasti. Otv. red. B. K. Shishkin. [Leningrad] No. 4. 1965. 350 p.

LENNINGRAD PROVINCE—DRAINAGE

Recent developments in the technology of drainage. E. Kirpichnikov, V. Zabava. Tekhn. v sel'khoz. 25 no. 8:30-46 Ag '65.

LENNINGRAD PROVINCE—LOUSE FLIES

Life cycle of louse flies Lipoptena cervi L. and Stenopteryx hirundinis L. (Diptera, Hippoboscidae). A. V. Popov. Ent. oboz. 44 no. 3:573-583 '65.

LENNINGRAD PROVINCE—PODZOL

Effectiveness of zinc fertilizers in turf-Podzolic soils of Leningrad Province. M. I. Orlov, T. A. Tyukhova. Vest. LGU 20 no. 15 79-81 '65.

LENINGRAD PROVINCE—SOILS—ZINC CONTENT

Effectiveness of zinc fertilizers in turf-Podzolic soils of Leningrad Province. M.I. Orlova, T.A. Tychkova. Vest. LGU 20 no. 15 79-91 '65

LENINGRAD PROVINCE—TRANSPORTATION, AUTOMOTIVE

A year of work under new conditions. A. Ivanov. Avt. transp. 13 no. 8 1-2 Ag '65.

LENINGRAD REGION—CHEMICAL INDUSTRIES

Baginskiy, V.V., and M.S. Porekhvalov. [Miraculous polymers, our experience in mastering the production of epoxy resins] Chudesnye polimeri, nash opyt osvoiniya proizvodstva epoksidnykh smol. [Leningrad] Lenizdat, 1965 97 p. (Peledovoy opyt - vseim)

LENINGRAD REGION—VEGETABLES—DISEASES AND PESTS

Phenology of vegetable pests in the Leningrad region and its prognosis. L.A. Stepanova. Ent. oboz. 44 no. 3:486-494 '65.

LENINGRAD UNIVERSITY

[Handbook for students registering in 1965] Spravochnik dlya postupalushchikh v 1965 godu. [Leningrad] Izd-vo Leningr. univ., 1965. 222 p.

Philosophical thought at the St. Petersburg University, the first professor of philosophy. U.D. Rozenfeld. Vest. LGU 20 no. 17:79-86 '65.

LENINGRADSK—MINING ENGINEERING

A mine strives for achievements. A. Ten, M. Shmaldor, N. Semenov. Nar. khoz. Kazakh. 23 no. 8:65-67 Ag '65.

LENINGRADSK—NONFERROUS METAL INDUSTRIES—INDUSTRIAL CAPACITY

Use capital assets at maximum capacity. S. Mikhailov. Nar. khoz. Kazakh. 23 no. 8:23-25 S '65.

LENINGRADSK—ORE DRESSING PLANTS

Improved flow sheet for the dressing of complex metal ores at the Leningradsk ore dressing plant. G.G. Kiylov. TSvet. met. 38 no. 8:1-7 Ag '65.

LEONOV, LEONID MAKSIMOVICH, 1899-

Don't repeat what is known! P. Skripitsin. Vop. lit. 9 no. 8:230-231 Ag '65.

LEPEKHIN, IVAN IVANOVICH, 1740-1802

Lezhnev, T.A. Ivan Ivanovich Lepelkin. Moskva, Nauka, 1965. 202 p. (Nauchno-biograficheskaya seriya)

LEPROSY

Stimulation of the healing in ulcerous processes in tissues with trophic disorders. N.M. Goloschchapov. Vop. onk. 11 no. 9:92-95 '65.

LEPTOSPIRA

Detection of the pathogenic properties of Leptospira in vitro. Z. Kh. Karimova, G.Z. Khambrova. Nauch. trudy Kaz. gos. med. inst. 11:189-200 '64

LEPTOSPIRA—CULTURES AND CULTURE MEDIA

Exelation of a method for obtaining dry leptospira cultures. A.M. Shalnova and others. Zhur. mikrobiol., epid. i immun. 42 no. 6:144-145 Ag '65.

LEPTOSPIROSIS see subdivision under Kazan;

Mordovia; Tatar A. S. S. R.

LEPTOSPIROSIS—MICROBIOLOGY

Experimental mixed leptospira infection and the method of isolating initial cultures. S.V. Rostomian. Zhur. mikrobiol., epid. i immun. 42 no. 8:111-117 Ag '65

LEPTOSPIROSIS—PREVENTIVE INOCULATION

Diagnosis and prophylaxis of leptospirosis in suckling pigs. I.U. A. Malakhov and others. Veterinarina 42 no. 7:31-34 JI '65.

Problems in local epizootiology and control of leptospirosis. M.F. Kollev, M.E. Fedushkin, T.T. Fedushkin. Veterinarina 42 no. 7:28-29 JI '65.

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841

Velichko, A.A. [Lermontov in the war; stories about the beauty of the soul] Lermontov v polkodo, rasskazy o krasoie dushovnoi. Moskva, Sovetskaya Rossiya, 1964. 47 p. (NJP)

LESHKOVSKAYA, ELENA KONSTANTINOVNA, 1864-1925

The stage world of Leshkovskaya. V. Filippov. Teatr 28 no. 9:103-106 S '65.

LEUCITE see subdivision under Balkal Lake region; Gornaya Shoriya

LEUCOCYTES

Difference between the cytoplasm granules of mature neutrophilic leucocytes in healthy persons and leukemia patients. G.P. Molotilova. Trudy TSU 77:64-68 '65.

Functional activity of leucoplasia elements in leukemia. V.A. Almazov and others. Med. rad. 10 no. 7:56-61 JI '65.

Glycogene distribution in exudate neutrophils during hormonal influences. A.I. Bukhonova. TSitologiya 6 no. 3. 373-376 My-Je '64.

Phagocytic activity of leucocytes in acute experimental radiation sickness. V.A. Almazov, N.N. Mamayev. Radiobiologiya 5 no. 4:533-535 '65.

LEUKEMIA

Cerebellar hemorrhages in acute leukemia. I.S. Yakhman. Zhur. nevro. i psikh. 65 no. 9:1340-1345 '65

Changes in the populations of ascitic cells following treatment with two anticancer substances. V.A. Lishenko, L.P. Kolesnikova. Antibiotiki 10 no. 8:724-730 Ag '65.

Difference between the cytoplasm granules of mature neutrophilic leucocytes in healthy persons and leukemia patients. G.P. Molotilova. Trudy TSU 77:61-68 '65

Electron microscopic study of the thymus cell ultra-structure in mice of the C57BL line in irradiation-induced leukemia. A.S. Shubin, M.I. Yurganov. Biol. eksp. biol. med. 60 no. 8:110-111 Ag '65.

Electrophoretic of blood serum proteins from leukemia patients in the process of blood preservation. I.D. Matusev. Trudy OMI no. 54:171-178 '64

Functional activity of leucoplasia elements in leukemia. V.A. Almazov and others. Med. rad. 10 no. 7:56-61 JI '65.

Histochemical changes in cultures of human lymphatic nodes under the influence of blood serum and extract from leucocytes of patients with leukemia. N.M. Chistova. Vop. onk. 11 no. 7:17-22 '65.

C14-labelled serine metabolism in experimental leukemia. O.K. Khanykova, D.I. Zharova, M.O. Roushen-baki. Med. rad. 9 no. 11:48-54 N '64.

Natural radioactivity balance in leukemias. V.A. Leonov, M.P. Pavlova. Dokl. AN BSSR 9 no. 6:107-109 Je '65.

Neurological disorders in acute leukemia. I.S. Yakhman. Sov. med. 28 no. 8:111-118 Ag '65.

Neurological syndromes in acute and chronic forms of leukemia. N.N. Kolosova. Zhur. nevro. i psikh. 65 no. 9:1346-1350 '65.

Restorative processes following irradiation and their relation to radiation leukemia. M.V. Syatukhin, I.U.D. Sorokina. Med. rad. 10 no. 8:17-22 Ag '65.

State of deoxyribonucleoprotein isolated from the spleen tissue in mice following the influence of γ -radiation in doses inducing a high leukemogenic effect. N.A. Grigorovich. Biol. eksp. biol. med. 60 no. 8:106-109 Ag '65.

LEUKOPLAKIA

Clinical aspects and treatment of leukoplakia of the mucous membrane of the oral cavity. O.R. Mamedov. Areh. med. zhur. 42 no. 9:60-63 Je '65.

LEVAIDA, OLEKSANDR STEPANOVICH, 1909-

Oleksandr Levaida. Iryna Davydova. Rad. lit. 9 no. 8:56-68 Ag '65.

LEVASHI DISTRICT—AGRICULTURE

Promoter of a new work. K.-M. Akhmedov. Part. zhizn' no. 18:51-52 S '65.

LEVASHI DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Promoter of a new work. K.-M. Akhmedov. Part. zhizn' no. 18:51-52 S '65.

LEVEL INDICATORS

Photoelectric level regulators. S.G. Chukafda and others. Khim. mashinost. no. 12:136-139 '65.

LEVEL INDICATORS FOR LIQUIDS see Liquid level indicators

LEVELING

Evaluating the precision of leveling. D.A. Larin. Geod. i kart. no. 8:3-7 Ag '65.

High precision geometrical leveling at short distances. V.M. Elizarov, R.V. Buzuk. Izv. TPI 118:119-122 '63.

LEVELERS

Resistance of soil to digging by a leveller bucket. T.M. Kadzhiev. Dokl. Akad. sci'khov. nauk. 5:45-18 My '65.

LEVIN, ABRAM NAUMOVICH, 1900-1965

Abram Naumovich Levin; obituary. Plast. massy no. 8:75 '65.

LEVIN, GETS ARONOVICH, 1898-1965

Gets Aronovich Levin, obituary. Elektrosvar' 19 no. 9:80 S '65.

LEVOMYCETIN

Absorption and distribution of nalocin in the organism of experimental animals. I.U. Z. Ter-Zokhailan, A.A. Khachaterian. Izv. AN Arm. SSR. Biol. nauki 18 no. 8:50-55 Ag '65.

Changes in the form of dysentery bacilli grown on media with levomycetin. M.P. Veselov. Antibiotiki 10 no. 7:612-617 JI '65.

Effect of levomycetin on blood proteins and prothrombin. M.B. Titov. Antibiotiki 10 no. 7:634-636 JI '65.

Treatment of typhoid fever with levomycetin combined with the introduction of vaccine intradermally or by means of electrophoresis. P.A. Alisov, A.P. Karantsev. Sov. med. 28 no. 9:65-71 S '65.

Use of levomycetin for the preservation of placental serum. L.G. Kondrat'eva and others. Antibiotiki 10 no. 7:657-660 JI '65.

LEVULINIC ACID

In the Scientific Council on the Problems of the Utilization of Pentosan-Containing Raw Materials. Gidroliz. i lesokhim. prom. 15 no. 6:31 '65.

LEZGHIAN—MARRIAGE CUSTOMS AND RITES

Marriage rites of the Lezgians in the 19th and early 20th centuries. S. Agashimova. Uch. zap. IIAI. Dag. fil. AN SSSR no. 12:133-154 '61.

LIABILITY (LAW)

Civil law consequences of acts of minors. A. Bellakova. Sov. iust. 29 no. 17:10-20 S '65.

Errors in navigation and management under foreign law. L.M. Igrov. Inform. sbor. TSNIIMF no. 110. Mor. pravo i prak. no. 23:17-23 '63.

Errors in navigation and management under Soviet maritime law. K.I. Aleksandrova. Inform. sbor. TSNIIMF no. 110. Mor. pravo i prak. no. 23:10-17 '63.

From the practices of the Maritime Arbitration Commission. Inform. sbor. TSNIIMF no. 110. Mor. pravo i prak. no. 23:70-73 '63.

From the practices of the State Arbitration Tribunal attached to the Executive Committee of the Moscow Soviet of Workers' Deputies. Inform. sbor. TSNIIMF no. 110. Mor. pravo i prak. no. 23:66-67 '63.

Liability of retail organizations for the defective quality of goods being sold. Sov. gos. i pravo 35 no. 9:138-140 S '65.

LIABILITY (LAW)—CASES

From the practices of the State Arbitration Agency attached to the Council of Ministers of the R. S. F. S. R. Inform. sbor. TSNIIMF no. 110. Mor. pravo i prak. no. 23:63-68 '63.

From the practices of the State Arbitration Agency attached to the Council of Ministers of the U. S. S. R. Inform. sbor. TSNIIMF no. 110. Mor. pravo i prak. no. 23:69-83 '63.

LIBEL AND SLANDER

Protection of honor under civil law. A.V. Bellavskii. Sov. gos. i pravo 36 no. 9:116-120 S '65.

This strengthens the feeling of personal dignity in people. A. Bellavskii. Sots. zakon. 42 no. 8:22-26 Ag '65.

LIBERTY

Political freedoms of Soviet citizens in the conditions of large-scale building of communism. F.A. Khomenok. Vest. LGU 20 no. 17:129-133 '65.

LIBERTY OF THE PRESS

This strengthens the feeling of personal dignity in people. A. Bellavskii. Sots. zakon. 42 no. 8:22-26 Ag '65.

LIBRARIES

Benevolent tutors. IU Stroganov. Bibliotekar' 43 no. 9:51 S '65.

LIBRARIES

(see also subdivision under Duryat A. S. S. R.; Irkutsk Province; Stavropol Province)

Work in a new way under new conditions. N. Guckov. Bibliotekar' 43 no. 9:9-14 S '65.

LIBRARIES, CHILDREN'S

Together with the school. L. Pastukhova. Bibliotekar' 43 no. 9:37-38 S '65.

LIBRARIES, UNIVERSITY AND COLLEGE see subdivision under Taganrog

LIBRARIES AND READERS

(see also subdivision under Moscow; Syzran', Kuybyshev Province; Vologda Province)
Communism and work are inseparable. I. Svishlova. Bibliotekar' 43 no. 9:20-23 S '65.

The conference has ended and the work continues. I. TSvetkov. Bibliotekar' 43 no. 9:1-4 S '65.

LIBRARY CONFERENCES

Thirteenth session of the Council of the International Federation of Library Associations, Rome, September 14-17, 1961. NTI no. 7:44-55 '65.

LIBRARY SCHOOLS AND TRAINING see subdivision under Saratov Province; Stavropol Territory

LIBRARY SCIENCE

[Library and bibliographical information] Bibliot.-bibl. Inform. no. 54 '65.

LIBRARY SCIENCE—BIBLIOGRAPHY see Bibliography—Library science

LIBYA—COMMERCE

Malov, I.U.A. [Libya, its economics and foreign trade] *Livliya, ekonomika i vneshechnaia torgovlia*. Moskva, Vneshtorgizdat, 1965. 62 p.

LIBYA—ECONOMIC CONDITIONS

Malov, I.U.A. [Libya, its economics and foreign trade] *Livliya, ekonomika i vneshechnaia torgovlia*. Moskva, Vneshtorgizdat, 1965. 62 p.

LICORICL see subdivision under Caucasus, Tajikistan

LIE ALGEBRAS

Certain invariants of a group of triangular unit matrices in a space adjacent to the space of 10 Lie algebras. I.A. Zhigul'man. Dokl. AN SSSR 164 no. 1 32-35 '65.

Structure of a group of automorphisms of a homogeneous convex cone. E.B. Vinberg. Trudy Mosk. mat. ob-va 13 54-83 '65.

LIFE

It is possible to artificially create living matter. K.S. Trachen. Vop. filoz. 14 no. 9-12-131 '65.

LIFECRAFTS see subdivision under Germany, East

LIGHT—EFFECT ON PLANTS see Plants, Effect of light on

LIGHT—MEASUREMENT

Photoelectric color comparator. N.N. Lukin, E.S. Petrova. Svetotekhnika 11 no. 9 15-19 '65.

LIGHT—PHYSIOLOGICAL EFFECT

Changes in the motor activity in chick embryos at an early stage of development under the effect of monochromatic light. A.V. Buzlan. Fiziol. zhur. 51 no. 9-10 1090-1093 '65.

Effect of illumination and vitamin A on the structure of the external segments of retinal rods: an effect on microscopic study. R.N. Fingof, I.V. Osipova, Y.I. Gvardovskii. Dokl. AN SSSR 164 no. 3 681-683 '65.

Electrophysiological characteristics of reactions of the limbic system to afferent stimuli. L.M. Dykman. Fiziol. zhur. 50 no. 12 1415-1423 D '64.

LIGHT—SCATTERING

Determining the coefficient of light attenuation by a particle. S.D. Tvorogov. Izv. vuz. ucheb. zav. fiz. 8 no. 3 147-148 '65.

Indicatrix of light scattering by a system of spherical particles. O.L. Koznitsina, K.S. Shiffrin. Trudy GGO no. 170 105-114 '65.

Light scattering in an optically thick atmosphere with a nonspherical indicatrix. V.V. Ivanov, V.V. Leonov. Izv. AN SSSR, Fiz. atm. i okean. 1 no. 8 803-814 '65.

Scalar approximation in the problem involving the scattering of a plane light wave on a sphere. S.D. Tvorogov. Izv. vuz. ucheb. zav. fiz. 8 no. 3 175-176 '65.

Small-angle light scattering by oriented particles. G.V. Kleshchov, D.V. Shumilov. Trudy Chel. gos. ped. inst. 2 180-184 '64.

Spectral transparency of nearly monodispersion systems. K.S. Shiffrin, A.I.A. Perelman. Trudy GGO no. 170 37-60 '65.

Stability of the computation scheme in the case of inversion of light scattering data. K.S. Shiffrin, A.I.A. Perelman. Izv. AN SSSR, Fiz. atm. i okean. 1 no. 9. 964-972 '65.

Study of the fine structure of a line of scattered light, and the propagation of hypersound. I.L. Fabelinskii. Usp. fiz. nauk 87 no. 1-9-15 '65.

Use of the method of light scattering in solutions in determining the optical anisotropy and geometrical shape of molecules. I.A. Bogdanov, M.F. Vukob. Vest. LGU 20 no. 16-40-57 '65.

LIGHT—TRANSMISSION

Diffusive transmissivity of optically thick light-diffracting media. A.P. Ivanov, G.K. Litich. Dokl. AN SSSR 9 no. 7 438-442 J1 '65.

Heavy fluctuations of the intensity of light propagating through the bottom atmospheric layer. M.E. Gacheva, A.S. Gurvich. Izv. vuz. ucheb. zav. radiofiz. 8 no. 4 717-724 '65.

LIGHTING, ARCHITECTURAL AND DECORATIVE

Consideration of the shading effect of opposite buildings in architectural calculation of natural lighting. G.N. Ustinov, B.I. Tsvetlevich. Svetotekhnika 11 no. 9 23-24 '65.

LIGHTNING PROTECTION

Lightning protection of high power transmission line spans at crossings. A.V. Korsuniev. Elek. sta. 36 no. 9 50-55 '65.

Network system for combined tests of magnetic-valve dischargers. I.M. Bogatenkov and others. Izv. vuz. ucheb. zav. energ. 8 no. 8 23-26 Ag '65.

LIGHTWEIGHT CONCRETE

Conference on cellular concretes. Stroim. mat. 11 no. 3 35-31 Ag '65.

Physical basis of the parabolic relation between the volume and the thickness of cellular concrete. V.A. Pinskiy. Stroim. mat. 11 no. 8 27-28 Ag '65.

Utilization of synthetic surface-active agents in making gas concrete. P.R. Tanbo and others. Izv. vuz. ucheb. zav., stroit. i arkh. 8 no. 9 63-67 '65.

LIGHTWEIGHT CONCRETE—CURING

Nature of deformations in cellular concrete during steaming. V.R. Mikhailov. Stroim. mat. 11 no. 5 28-30 My '65.

Quality of raw materials and the crack resistance of cellular concrete panels in a steaming process. N.I. Dubrovina and others. Stroim. mat. 11 no. 8 25-27 Ag '65.

LIGNIN

Nitration of model lignin compounds containing benzylalcohol and benzyl-ethyl ether groups. L.L. Sergeev, N.N. Shoygina. Izv. AN SSSR, Ser. khim. no. 9 1630-1637 '65.

Use of hydrolytic lignin for the production of quinonic nitrophenyl-boxylic acids as growth promoting substances. M.I. Chudakov and others. Dokl. AN SSSR 164 no. 3 908-901 S '65.

LIGNIN—COMBUSTION

Burning of natural lignin with increased initial moisture. A.M. Zugar'ev, R.G. Zaph. Gidroliz. i lesokhimiya om. 18 no. 6-10 '65.

LIGNITE

Vologdin, A.G. [The problem fertilizers and coal fertilizers?]. Problema udobreniia i uglekisi. Moskva, Znaniye, 1965. 70 p. (Narodnyi universitet. Se'p'sko-khoziaistvennyi fakul'tet, no. 9)

LIMBS (ANATOMY) see Extremities (Anatomy)

LIME

Pit mills for making lime flour. I.A. Bindler. Stroim. mat. 11 no. 8 35 Ag '65.

LIME INDUSTRY see subdivision under Lipetsk Province

LIMEKILNS

Automatic control of the dosing and loading of lime kilns. O.L. Gulevskii. Stroim. mat. 11 no. 5-10-11 My '65.

Operation system of shaft type limekilns fired with gaseous fuel. V.E. Fil'shin. Sakh. prom. 30 no. 8 32-36 Ag '65.

LIMING OF SOILS

Liming doubles the force of fertilizers. T. Shamshurn. Zemledelie 27 no. 6 66-68 Je '65.

LIMIT THEOREMS (PROBABILITY THEORY)

Letter to the editor. V.P. Chistakov. Teor. veroiat. i ee prim. 10 no. 3 597-598 '65.

Limit theorem in a Hilbert space. N.P. Kandelaki. Trudy Vych. tsentr. AN Gruz. SSR 5 46-55 '65.

Limit theorems for random walks of a special type. S.G. Moloshovskii. Teor. veroiat. i ee prim. 10 no. 3 580-587 '65.

Multidimensional limit theorems. N. Shakhmatova. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 9 no. 4 11-16 '65.

Relation between limit theorems on finite groups and the ergodic theorem for Markov chains with a bistochastic transition matrix. V.M. Maksimov. Teor. veroiat. i ee prim. 10 no. 3 544-547 '65.

LIMITED LIABILITY

Legal regulation of shipping by direct carriage by various means of transportation. M.E. Khodunov. Inform. sbor. TSNIMF no. 10, Mor. pravo i prak. no. 23 3-10 '65.

LIMNOLOGY see subdivision under Karelia

LINEAR ALGEBRAS see Algebras, Linear

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR EQUATIONS

Reduction of a system of linear equations to the diagonal type. B.P. Bylov. Mat. sbor. 67 no. 3 338-344 J1 '65.

LINEAR PROGRAMMING

Astakhov, A.S., and E.G. Saratovskii. [Methods of selecting optimum variants in the overall design of the development of ore basins and the annual planning of the mining industry using linear programming] Metodika vybora optimal'nykh variantov pri kompleksnom proektirovanii razvitiia basseinov i godovom planirovanii gornogo proizvodstva s pomoshch'yu lineinogo programmirovaniia. Moskva, Inst. gornogo dela im. A.A. Skochinskogo, 1964. 38 p.

Determining efficient ways of developing capital assets in coal mines by linear programming. N.P. Ishukidov. Izv. vuz. ucheb. zav. gor. zhur. 8 no. 7 69-73 '65.

Formulation and interpretation of linear-programming problems. B.S. Vekhovskii. Ekon. i mat. metod. 1 no. 1 588-590 J1-Ag '65.

Incorrect problems of optimal planning and stable methods for their solution. A.N. Tikhonov. Dokl. AN SSSR 164 no. 3 587-510 S '65.

On an algorithm of fractionally-linear programming. V.P. Shvartsman. Ekon. i mat. metod. 1 no. 1 558-565 J1-Ag '65.

Transportation problem on a network with additional limitations. E.A. Mubacheva. Ekon. i mat. metod. 1 no. 4 517-557 J1-Ag '65.

Use of linear programming in solving a problem in optimum train traffic control. A.T. Barthus. Sbor. trud. LITZHT no. 223 67-76 '64.

Use of linear programming methods and electronic computers in the operational planning of automotive freight traffic in Tashkent. V.P. Sokolov. Vop. ychn. mat. i tekhn. no. 1 95-99 '64.

LINEAR TOPOLOGICAL SPACES

Locally convex topologies in K-space and certain other spaces of finite functions. O.G. Smolnikov. Vest. Mosk. univ. Ser. I Mat. i mekh. 20 no. 3-5-11 My-Je '65.

Model of the reversible elements of a non-malicious algebra. E.A. Gorin. Vest. Mosk. univ. Ser. I Mat. i mekh. 20 no. 5 35-39 S-O '65.

Stability of the method of differences for elliptic problems. I.U.K. Dem'ianovich. Dokl. AN SSSR 164 no. 1 20-23 S '65.

LINGUISTIC RESEARCH see subdivision under Azerbaijan

LIPETSK—GUIDEBOOKS

Markov, N.V. [Lipetsk; a brief guide] Lipetsk; kratkii spravocnik [Lipetsk] Lipetskoe knizhnoe izd-vo, 1962. 62 p.

[MICROFILM]

LIPETSK—HEALTH RESORTS, WATERING PLACES, ETC.

In one of the oldest sanatoriums. B. Malkin. Otkritiia i vostoiki 8 no. 9 31 S '65.

LIPETSK—MINERAL WATERS

Use of Lipetsk mineral water in the treatment of cholelithiasis. G.L. Gerasimovskii, A.V. Rukhina, I.I. Ivanov. Vop. kn. i zhur. i tekhn. i tekhn. 30 no. 4 366-367 J1-Ag '65.

LIPETSK PROVINCE—HOUSING FOR PHYSICALLY HANDICAPPED

Far from highways. N. Andreeva. Sots. obsch. 26 no. 9 42-43 Je '65.

LIPETSK PROVINCE—LIBRARIES

Let us develop competition. S. Liakhova. Bibliotekar' 13 no. 9 33 S '65.

LIPETSK PROVINCE—LIME INDUSTRY

Development of the production and improvement of the quality of limestone in the Lipetsk Province. V.P. Anan'ev, V.E. Brikov, F.G. Sorokin. Sakh. prom. 30 no. 9 1-7 S '65.

LIPID METABOLISM

Comparative value of some indices of lipid metabolism in atherosclerosis. S.A. Voinikova. Lab. delo no. 9 515-516 '65.

LIPID METABOLISM—LABORATORY MANUALS

Prokhorova, M.I., and Z.N. Tupikova. [Comprehensive laboratory manual on carbohydrate and lipid metabolism] Bol'shoi praktikum po uglevodnomu i lipidnomu obmenu. [Leningrad] Izd-vo Leningr. univ., 1966. 219 p.

LIPIDOSIS

Aortic lipodosis in rheumatic fever. G.G. Nepriakhin. Nauch. trudy Kaz. gos. med. inst. 14 253-254 '64.

LIPIDS

Recent developments in the chemistry of lipids. L.D. Bergelson. Vest. AN SSSR 35 no. 9 57-61 '65.

Sudan test and its significance in the determination of the bonding strength between blood proteins and lipids. L.L. Dellamure. Lab. delo no. 8 466-467 '65.

LIPOCAIC

Effect of lipocain on the nervous regulation of the motor function of the ureters. I.N. Volkova, I.N. Mavrin. Nauch. trudy Kaz. gos. med. inst. 14 138-140 '64.

Importance of adrenaline and lipocain in the synthesis of neural mediators and the regulation of the functional state of various innervation apparatuses. I.N. Volkova. Nauch. trudy Kaz. gos. med. inst. 14 135-137 '64.

LIPOFUSCINS

The brown pigment lipofuscin in health and pathology. T.N. Ushova. Trudy Un. družn. nar. 7. Vop. med. no. 1 140-167 '64.

LIPOLYSACCHARIDES

Development of fever reaction due to the injection of a bacterial lipopolysaccharide and endogenic pyrogen into the lateral cerebral ventricle in rabbits. I. S. Repin, A. V. Sorokin, Pat. fiziol. i eksp. terap. 9 no. 1 47-51 JI-Ag '65.

LIPOPROTEIN LIPASE

Effect of experimental hypoxic hypoxemia on the clearing factor of the blood. V. I. Uspenskiy, Pat. fiziol. i eksp. terap. 9 no. 4 88-89 JI-Ag '65.

LIPOPROTEINS

Lipoprotein complex of the nerve tissue. L. G. Manu-Plan, Vop. biokhim. no. 1 17-210 '64.

LIPOXIDASE

Lipoxygenase activity in γ -irradiated seeds. A. M. Kurzin, A. S. Meikulov, Radiobiologiya 5 no. 1 571-575 '65.

LIPS—CANCER

Experience with radiotherapy of cancer of the lower lip. A. M. Vochilov, Med. rad. 9 no. 11-18-23 N '65.

LIQUIFIED GASES

Investigating the performance of cutter-loader engines operating on liquid gases. V. A. Ivanov, Izpol. gazov. mash. no. 2 231 '38 JI-Ag '65.

LIQUID ALLOYS—TESTING

Acoustical investigation of liquid alloys. N. B. Karkov, L. A. Pronin, S. I. Filippov, Izv. vuz. ucheb. zav. Chern. met. 8 no. 6 5-7 '65.

LIQUID CERIUM

Pressure of saturated vapor of liquid cerium. A. A. Fridlyuk, V. S. Lavrov, Ukr. fiz. zhur. 10 no. 9-1029-1032 S '65.

LIQUID FUELS—TESTING

Experience in the work with IT9-9 and IT9-6 units equipped with DP-60 electronic knockmeters. I. N. Danilova and others, Khim. i tekhn. topl. i masel. 10 no. 7 60-62 JI '65.

LIQUID GERMANIUM

Investigating the temperature field of molten germanium and preparing crystals of prescribed size with a uniform distribution of impurities over their cross section. V. N. Chakhunashvili, Soob. AN Gruz. SSR. 36 no. 2 383-390 My '65.

LIQUID LEVEL INDICATORS

Application of type ESU-2 electronic level indicators in processing viscous electroconducting products of sugar manufacture. B. T. Belen'kii, Zh. L. Zimman, S. kh. prom. 39 no. 8 21-25 S '65.

Characteristics of the automatic fluid outlet of gathering and distribution containers of low-temperature separators having a diethylene glycol inlet. V. A. Aslakhov, M. F. Podkovkin, IU. A. Kulikov, Gaz. delo. no. 7 15-19 '65.

LIQUID METALS

Flow and solidification of a metal in contact with a moving solid body. F. A. Leonova, Vest. Mon. un. Ser. I. Mat., mekh. 20 no. 4 57-66 JI-Ag '65.

Using the radiolabel method in controlling the temperature of liquid metals. V. I. Kutovoi, V. I. Stepanko, Izv. tekhn. no. 8 17-20 Ag '65.

LIQUID METALS—HYDRODYNAMICS

Mass exchange between a solid and a bubbling liquid. L. A. Kapustin, Izv. vuz. ucheb. zav. Chern. met. 8 no. 9 102-104 '65.

LIQUID METALS—THERMODYNAMICS

Connection between thermodynamic properties and viscosity. L. I. Gvozdeva, A. P. Ljubimov, Izv. vuz. ucheb. zav. Chern. met. 8 no. 9 13-16 '65.

LIQUIDS

Automation of the dosing of liquids. O. V. Monastyrskii, Prom. energ. 20 no. 9 21-26 S '65.

Instability of the surface of a liquid when detonation and shock waves are gliding on it. A. A. Borlaov, S. M. Kogarko, A. V. Ljubimov, Dokl. AN SSSR. 184 no. 1 126-128 S '65.

LISICHANSK REGION (UKRAINE)—SALT MINES AND MINING

Boring an experimental inclined horizontal borehole in the Novo-Karaginsk salt mine. V. I. Pronin, G. D. Drozdov, Trudy VNIIPodzemn. no. 12 135-138 '64.

LISTERIOSIS

Serologic diagnosis of listeriosis. Report No. 2. Dynamics of agglutination titers and complement-fixing antibodies in experimental listeriosis in pregnant and nonpregnant rabbits. A. P. Egorova, Zhur. mikrobiol., epid. i imm. 42 no. 8 107-111 Ag '65.

Standardization of the indirect hemagglutination reaction in listeriosis. I. V. Stakhty, Lab. delo. no. 9 544-548 '65.

LITERARY STYLE see Style, Literary

LITERATURE—AESTHETICS

Creative freedom and intuition of the artist. Anatoliy Harditskiy, Rad. lit. 9 no. 8 13-15 Ag '65.

The devil of Adrian Leverkühn. IU. Davydov, Vop. lit. 9 no. 9 130-165 S '65.

Invitation to think on the problem of "alienation." S. Velikovskii, Vop. lit. 9 no. 9 166-188 S '65.

Journey for a quotation. D. Nikolaev, Vop. lit. 9 no. 8: 205-210 Ag '65.

Polgov, B. G., ed. [Literature and aesthetics] Literatura i estetika, sbornik statei. [Leningrad] Izd-vo Leningr. univ., 1960. 335 p. (GUU)

LITERATURE—HISTORY AND CRITICISM

Akademika nauk URSR, Kiev. Instytut literatury, [Herodotus and Antikherodotus] Herodot i Antikherod. Kyiv, Naukova dumka, 1965. 174 p.

Novels of the classicists in our times. M. Rozen, Vop. lit. 9 no. 9 195-198 S '65.

LITERATURE—STUDY AND TEACHING

Extracurricular work of the 3d and 4th grade students with belles lettres. N. B. Berkhin, Nach. shkola. 33 no. 8 35-37 Ag '65.

For the creative study of literature in the schools. F. L. Hol'din, Rad. lit. 9 no. 8 92 Ag '65.

Problems of the teaching of literature in secondary schools. G. Bolen'kii, Sov. pedagog. 29 no. 9 155-157 S '65.

Training of aesthetic needs in literature classes. S. A. Gurevich, Sov. pedagog. 29 no. 8 35-40 Je '65.

LITERATURE, COMPARATIVE—BULGARIAN AND RUSSIAN

Russian-Bulgarian literary ties of the twentieth century. V. Andreev, Vop. lit. 9 no. 8 218-221 Ag '65.

LITERATURE, COMPARATIVE—RUSSIAN AND UKRAINIAN

M. E. Saltykov-Shchedrin and the Ukraine. V. F. Osmolovskiy, Rad. lit. 9 no. 8 45-55 Ag '65.

LITERATURE AND COMMUNISM see Communism and Literature

LITERATURE AND HISTORY

Literature and history. Vop. lit. 9 no. 9 40-50 S '65.

LITERATURE AND RELIGION see Religion and Literature

LITERATURE AND SCIENCE

Lohvynenko, M. S. [Literature and science] Literatura i nauka. Kyiv, 1965. 45 p. (Tovarystvo "Znannia" Ukrain's'koi RSR Seriya IV, no. 4)

LITHIUM

Butyllithium-catalyzed polymerization of phenyl methacrylate. A. A. Korotkov, Z. A. Azimov, S. P. Mitsengender, Vysokom. soed. 7 no. 8 1328-1331 Ag '65.

Distribution of lithium in lake deposits of salt. A. I. Man, IU. D. Vilius, Izv. AN Kazakh. SSR, Ser. khim. nauk. 15 no. 2 25-32 Ap-Je '65.

LITHIUM HYDRIDE CRYSTALS

Dielectric constant of lithium hydride single crystals. B. V. Shust'gin, T. F. Gavrilov, B. L. Dolinichenov, Izv. vuz. ucheb. zav. fiz. no. 3 175 '65.

LITHIUM ORGANIC COMPOUNDS see Organolithium compounds

LITHIUM SILICATES

X-ray spectra of silicon in crystalline and glasslike quartz and lithium-silicate glasses. O. A. Ershov, D. A. Gogonov, A. P. Lukitskii, Fiz. tver. tela. 7 no. 8 2335-2381 Ag '65.

LITHUANIA—AUXILIARY POLICE

Sles, Nikolai. [According to the duty of conscience] From the experience of volunteer people's brigades of the Lithuanian S. S. R.] Po dolga sovetski; iz opyta dobrovol'nykh narodnykh družin Litovskoi SSR. Vilnius, Gos. izd-vo nauchn. i polit. lit-ry Litovskoi SSR, 1964. 41 p. (CSI-1)

LITHUANIA—CHAMBER ORCHESTRA

Lithuanian chamber orchestra. T. Galdamsvich, Sov. muz. 20 no. 9 98 Ag '65.

LITHUANIA—COOPERATIVE SOCIETIES—FINANCE

Deficiencies in the work of the financial services of consumer cooperatives. D. Shapiro, Fin. SSR. 39 no. 9: 58-61 S '65.

LITHUANIA—COURTS

Plenum of the Supreme Court of the Lithuanian S. S. R. Blud. Verkh. Suda no. 4 43-44 '65.

LITHUANIA—MUSIC

Let's speak frankly. J. Kaniavichus, Sov. muz. 29 no. 8 75-79 Ag '65.

Meeting with the people's art. V. Dagilevich, Sov. muz. 29 no. 8 53-55 Ag '65.

Stages of a great path. J. Banaitis, Sov. muz. 29 no. 8 21-24 Ag '65.

LITHUANIA—OPERA

In the opera theater. S. R. Sov. muz. 29 no. 8 62 Ag '65.

LITHUANIA—OPERETTA

Younger sister. D. Palionyte, Sov. muz. 28 no. 8 44-47 Ag '65.

LITHUANIA—PLASTICS

Fifth Lithuanian scientific and technical conference on the use and study of polymeric materials. V. Fuchskas, Plast. massy no. 8 65-67 '65.

LITHUANIA—STATISTICS

Lithuanian S. S. R. Centine statistikos valdija. [25 years of Soviet Lithuania, a statistical abstract] Tiesyb. Lietuvai 25 metui, statistikos dokument rinkinys. Vilnius, Statistika, 1965. 263 p.

LITHUANIA—THEATER

On the twenty-fifth anniversary of Soviet Lithuania. A. Klemas, Teatr. 28 no. 8 121 S '65.

LITHUANIAN CHORAL SOCIETIES see Choral societies, Lithuanian

LITHUANIAN HISTORICAL FICTION see Historical fiction, Lithuanian

LITHUANIAN LITERATURE—HISTORY AND CRITICISM

At a new stage. V. Kubilius, Vop. lit. 9 no. 8 210-237 Ag '65.

LITHUANIAN MUSIC see Music, Lithuanian

LITHUANIAN VOCAL MUSIC see Vocal music, Lithuanian

LITIGIOUS PARANOIA

Catamnestic study on psychopathies with manifestations of pathological jealousy. T. P. Pechenikova, Probl. obshchest. i med. psikh. no. 11 127-127 '63.

LITVAK, LEV VENIAMINOVICH, 1905-

L. V. Litvak, on his 60th birthday. IA. M. Bolshakov and others, Prom. energ. 20 no. 9 13 S '65.

LIUBIMOVA, LIUDMILA

Role of Liudmila I. Iubimova. N. Tolchenova, Teatr. 26 no. 9 133-134 S '65.

LIVER

Changes in the morphological composition of the blood under conditions of a deficient insulin supply to the liver. J. A. Pavchevskaya, Pat. fiziol. i eksp. terap. 9 no. 3 45-48 My-Je '65.

Cytochemical and cytological study of the hepatic cells in human embryo. M. V. Makhovet, Arkh. anat., gist. i embriol. 49 no. 3 38-41 Ag '65.

Dynamics of the content of glycogen in the liver of rabbits in the development process of Brown-Purkinje carcinoma. K. N. Gruzdeva, Trudy OMI no. 54 109-107 '64.

Effect of tetracycline on the glycogen-forming function of the liver and the intestinal microflora in white mice. T. F. Koshik, A. F. Grishilo, Antibiotiki. 10 no. 7 636-640 JI '65.

Isolation of acetyl phosphate formed in the liver homogenates following transformation of citric acid. M. F. Gulyi, T. M. Pechenova, L. I. Maisovich, Dokl. AN SSSR. 164 no. 3 685-687 S '65.

Qualitative characteristics of the liver glycogens in experimental cancer. K. N. Gruzdeva, Trudy OMI no. 54 207-214 '64.

Regeneration of some ultrastructures of rat liver cells after prolonged starvation. T. A. Zaitseva, TSitologiya. 6 no. 3 343-345 My-Je '64.

Role of the liver in calcium metabolism. V. D. Homanenko, Dop. AN URSR no. 9 1222-1224 '65.

Water absorption by rat liver tissue in vitro. IU. M. Madiyevskii, TSitologiya. 6 no. 3 358-362 My-Je '64.

LYER—BLOOD SUPPLY

Effect of noradrenaline on the blood flow in the liver and its oxygen regime in traumatic shock. S. A. Seleznev, Pat. fiziol. i eksp. terap. 9 no. 3 20-24 My-Je '65.

Prevention and treatment of sequelae of a prolonged interruption of hepatoportal circulation. N. V. Korostov-tsova, Pat. fiziol. i eksp. terap. 9 no. 3 25-30 My-Je '65.

Quantitative evaluation of the hepatic blood flow in vivisection. S. A. Seleznev, Fiziol. zhur. 51 no. 9: 1108-1110 S '65.

Some new data on the mechanism of the movement of the blood through the liver. M. S. Arbuzova, Nauch. trudy Kaz. gos. med. inst. 14: 70-80 '64.

LIVER—CANCER

- Blood vessels in metastases of Brown-Pesce tumor in the liver in rabbits. V. N. Balashev, M. A. Dulgova. Vop. onk. 11 no. 9:49-50 '65.
- Primary cancer of the liver in opisthorchiasis in man. S. D. Koshukov, Trudy OMI no. 51:159-163 '64.

LIVER—CIRRHOSIS

- Sarkisov, D. S., and L. S. Rubetskiy. [Methods of restoring a cirrhotic liver]. Puti vostochnoye ispravleniya izmenennoy pecheni. Moskva, Meditsina, 1965. 137 p. (DNLM)

LIVER—DISEASES

- Clinical evaluation of the non level in the serum in chronic hepatitis. V. K. Zil'ber, Sov. med. 28 no. 9:52-57 S '65.
- Complement uptake reaction as a test for the detection of antihapatic complement-fixing antibodies in liver diseases. I. P. Romanuk, Zhur. mikrobiol., epid., i immunit., 42 no. 8:84-87 Ag '65.
- Diagnosis of liver diseases in cattle. P. S. Ionov, B. V. Usha, Veterinaria 42 no. 7:58-59 Ji '65.
- Effect of lesions of the liver on the content of mucoproteins in the blood in inflammatory processes. F. S. Baranova, Biul. eksp. i med., 60 no. 8:57-61 Ag '65.
- Effectiveness of the therapeutic use of diathermy, paraffin and hot water bottle in chronic hepatitis. I. A. N. Fidonov, Vop. kur., fizioter. i lech. fiz. kul't. 30 no. 4:318-321 Ji-Ag '65.
- Hepaticolinal syndrome in heliotoxicosis. B. M. Biaginskiy, I. L. Bobokhodzhaev, Sov. med. 28 no. 9:57-60 S '65.
- [Multivolume manual on internal diseases]. Mnogotomnoe rukovodstvo po vnutrennim bolezniam. Moskva, Meditsina, 1965. 724 p. (DNLM)
- Pathogenesis of adipose dystrophy of the liver in experimental toxic hepatitis. S. I. Dudarova, Trudy TSU 77:53-107 '65.
- Pathogenesis of hyperferremia in hepatitis. A. M. Fedotova, T. V. Migina, Pat. fiziol. i eksp. terap. 9 no. 4:79-80 Ji-Ag '65.
- Prothrombin index and heparin time in diseases of the liver. F. T. Krasnoperov, Nauch. trudy Kaz. gos. med. inst. 14:457-458 '64.
- Symposium on the enzymological diagnosis of diseases of the liver. E. I. Atakhanov, Kh. Kh. Mansurov, M. E. Semendiaeva, Sov. med. 28 no. 9:148-150 S '65.
- Treatment at Sochi-Mastest Health Resort of some chronic diseases of the liver, gallbladder and biliary tract with indications for hydrogen sulfide bath therapy. S. E. Kabanov, N. S. Gudzinsk, K. G. Netronina, Vop. kur., fizioter. i lech. fiz. kul't. 29 no. 4:367-369 Ji-Ag '65.

LIVER—HYDATIDS

- Parasitic liver cyst complicated with a biliary-bronchial fistula. N. N. Drachnevskiy, Vest. rent. i rad. 40 no. 4:65-66 Ji-Ag '65.
- Splenoporiography for the detection of pathological formations in the liver. L. B. Novokreshchenov, Vest. rent. i rad. 40 no. 4:14-18 Ji-Ag '65.

LIVER—INNERVATION

- Structural shifts of the innervation mechanisms of the liver in intestinal infections in very young children. I. S. Karaev, Azerb. med. zhur. 42 no. 6:38-42 Je '65.

LIVER—SURGERY

- Topographic and anatomic substantiations of the resection of a human liver. L. M. Nechunayev, Nauch. trudy Kaz. gos. med. inst. 14:489-500 '64.

LIVER—TUMORS

- Heteroantigens of the hepatocellular tumors in rats. V. I. Fel' and others, TSitologiya 7 no. 4:582-584 Ji-Ag '65.
- Splenoporiography for the detection of pathological formations in the liver. L. B. Novokreshchenov, Vest. rent. i rad. 40 no. 4:14-18 Ji-Ag '65.

LIVER FLUKE

- (see also subdivision under Shiderty Valley)
- Primary cancer of the liver in opisthorchiasis in man. S. D. Koshukov, Trudy OMI no. 51:159-163 '64.
- Sulphydryl group content in the liver of rabbits with fascioliasis. V. S. Geyvondian, Izv. AN Arm. SSR, Biol. nauki 18 no. 8:89-74 Ag '65.

LIVER FUNCTION TESTS

- Activity of α -amylase and glucose-6-phosphatase of the liver and the sugar level in the blood in animals with plague intoxication. I. M. Klimova, Biul. eksp. i med. 60 no. 8:61-64 Ag '65.

- Bromsulphalein method in the functional test of the liver. R. V. Nedoshivina, Pat. fiziol. i eksp. terap. 9 no. 3:82-83 My-Je '65.
- Changes in liver function in peritonitis during disorders of its arterIALIZATION. E. M. Neiko, A. D. Soplinik, Pat. fiziol. i eksp. terap. 9 no. 3:61-63 My-Je '65.
- Effect of autosenescentization on some functional parameters of the liver. P. N. Fedorenko, Nauch. trudy Kaz. gos. med. inst. 14:305-306 '64.
- Protein metabolism of the liver and kidneys in acute radiation sickness according to histoautoradiography data. V. A. Revis, V. N. Tkov, Med. i rad. 9 no. 11:51-61 N '64.
- Weltmann's reaction in infectious atrophic hepatitis of swine. F. V. Zakharova, Veterinaria 42 no. 7:131-35 Ji '65.

LIVSHITS, BORIS GRIGOR'EVICH, 1905-

- Professor B. G. Livshits is 60 years old. Fiz. mat. i metalloved. 20 no. 2:320 Ag '65.

LIZARDS

- Some characteristics of the blood cells of triploid hybrids of *Lacerta saxicola* Evermann. I. S. Darevskiy, E. N. Krasnikov, Dokl. AN SSSR 164 no. 3:709-711 S '65.

LOADING AND UNLOADING

- (see also subdivision under Nikolayev; Omsk; Poland; Tyumen)
- Advanced practices in ports and ship repairing yards. M. Bilanskiy, L. Nikushkin, Mor. flot 24 no. 8:31-32 Ag '64.
- Current problems. S. Terent'ev, Sov. torg. 38 no. 9:30 S '65.

- Dvornov, A. I., and others. [Machines for overall mechanization of grain loading and unloading operations]. Mashiny dlya kompleksnoi mekhanizatsii pogruchno-nazgruzochnykh rabot s zernom. Moskva, Kolos, 1964. 230 p.

- Scientific labor organization in loading and unloading work in ports. E. Korskakov, Sots. trud. 10 no. 8:91-95 '65.

- Specialization of ports on the Amur River. N. Dunaev, I. Orlov, Rech. i transp. 24 no. 8:50 '65.

- Unloading tankers at landings lacking unloading equipment. S. Rumina, Mor. flot 24 no. 8:14-15 Ag '64.

LOADING AND UNLOADING—EQUIPMENT AND SUPPLIES

- Loader of mineral fertilizers. V. Mezner, Tekh. v sel'khoz. 25 no. 8:85-86 Ag '65.
- Loading hay and straw bales. I. U. Kocherygin, Tekh. v sel'khoz. 25 no. 8:90-92 Ag '65.

LOBACHEVSKI GEOMETRY see Geometry, Hyperbolic

LOBBYING see subdivision under United States

LOCAL ANESTHESIA

- Local novocaine anesthesia in operations on the organs of the small pelvis. E. N. Sitykov, Nauch. trudy Kaz. gos. med. inst. 14:545-546 '64.
- Motor chronaxia in premedication for local anesthesia with neuroleptic mixtures. G. K. Ailev and others, Azerb. med. zhur. 42 no. 4:15-20 Ap '65.

LOCATION OF INDUSTRIES see Industries, Location of

LOCKS (HYDRAULIC ENGINEERING)

- (see also subdivision under Dnieper River; France; Kama River; Moskva River)
- Selection of the lock type and the arrangement of hydroelectric power centers. G. Sadovskiy, Rech. i transp. 21 no. 8:31-33 Ag '62.

LOCOMOTIVES

- Increasing the material responsibility in the operation of locomotives. Zhel. dor. i transp. 47 no. 8:78 Ag '65.
- Indices of locomotive utilization. B. I. Petrovskiy, Shor. trud. LILZHT no. 210:82-89 '64.

LOCOMOTIVES—MAINTENANCE AND REPAIR

- (see also subdivision under Leningrad)
- Public control of the quality of locomotive repair. A. I. Shipilov, N. F. Zastimov, Zhel. dor. i transp. 47 no. 8:47-48 Ag '65.

LOCOMOTIVES—SKIDDING

- Natural vibrations of blocked wheel pairs during locomotive skidding. M. I. A. Suzdal'tsev, Trudy MIT no. 105:45-78 '64.

LOCUST (TREE)

- Germination of the pollen of *Robinia pseudacacia*, *Robinia neomexicana* and *Carygana arborescens*. G. D. Frolova, Biul. Glav. bot. sadu no. 57:89-76 '65.

LOCUSTS—BIBLIOGRAPHY see Bibliography—Locusts

LOCUSTS—EXTERMINATION

- Results of the study of locusts in the U.S.S.R. E. P. Tsyplenkov, E. M. Shumakov, Trudy VIZR no. 17:280-310 '63.

LOESS see subdivision under Ukraine

LOGGING (GEOLOGY) see subdivision under Northern region (Krasnoyarsk Territory)

LOGGING RAILROADS

- Uniform technology increases the mutual responsibility. I. D. Vishnevskiy, Zhel. dor. i transp. 17 no. 8:88-89 S '65.

LOGIC

- The categories of matter and consciousness in dialectical logic. M. P. Vorob'ev, Uch. zap. Kaf. obshchestv. nauk. vuz. g. Len., Filoz. no. 6:50-60 '65.

- Kryms'kiy, S. B. [Genesis of forms and laws of thinking]. Genezis form i zakonov myshleniya. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 123 p. (NN)

- Logic and reality. M. S. Kozlova, Vop. filoz. 10 no. 9:95-106 '65.

LOGIC, SYMBOLIC AND MATHEMATICAL

- Calculus of constructive logic with subordinate variables. A. V. Idelson, Trudy Mat. inst. 72:226-313 '61.
- Construction of a logical network for discrete transformations. Z. Fridikh, Trudy MEI no. 52:47-54 '63.

- A constructive propositional calculus with strong negation. N. N. Vorob'ev, Trudy Mat. inst. 72:195-207 '61.

- Determining the complexity of algorithms for the derivation of minimal disjunctive normal forms for algebra of logic functions. I. I. Zharavlov, Disk. anal. i teo. 3:41-77 '64.

- Generalizations of the principle of constructive selection. I. D. Zaslavskiy, G. S. Tseitlin, Trudy Mat. inst. 72:341-347 '61.

- Lower bound of dead-end disjunctive normal forms for almost all functions of algebra of logic. V. V. Hagarkov, Disk. anal. i teo. 3:31-40 '64.

- Upper bound of the mean length of a disjunctive normal form. S. V. Makarov, Disk. anal. i teo. 3:78-80 '64.

LOGINOV, LEONID MIKHAILOVICH, d. 1905

- In memory of Leonid Mikhailovich Loginov, TSvet. i fot. 38 no. 8:96 Ag '65.

LOKBATAN REGION (AZERBAIJAN)—HYDROCARBONS

- Some chemical relations of hydrocarbon gases to oil in the Lokbatan deposit. I. N. Paller, Dokl. AN Azerb. SSR 21 no. 5:40-43 '65.

LOKBATAN REGION (AZERBAIJAN)—PETROLEUM ANALYSIS

- Some chemical relations of hydrocarbon gases to oil in the Lokbatan deposit. I. N. Paller, Dokl. AN Azerb. SSR 21 no. 5:40-43 '65.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765

- Lomonosov and world science. P. L. Kaplan, Usp. fiz. nauk 67 no. 1:155-168 S '65.

LONDON, JACK, 1876-1918

- American critics on Jack London. V. Dykov, Vop. fil. 9 no. 9:188-206 S '65.

LONGEVITY

- (see also subdivision under Tatar A. S. S. H.)
- Biomechanics and pathomorphology of the iris in long-lived persons. Z. I. Bzayov, Shor. nauch. i med. izv. no. 14:15-21 '63.
- In the struggle for longevity. N. Korneeva, Sots. shchep. 26 no. 9:40-43 S '65.
- Rigidity of the sphincter pupillae in long-lived persons. Z. I. Bzayov, Shor. nauch. i med. izv. no. 14:22-27 '63.

LONGSHOREMEN see subdivision under Nakhodka (Maritime Territory)

LOOMS

- Analytical and experimental determining of the changes in the density of winding during the formation of the warp package on the dresser-sizer. K. N. Blazhin, Izv. vuz. ucheb. zav. i tekhn. i tekhn. prom. no. 4:76-80 '65.
- Manufacture of warp pile ribbon on the TL-80511. Ribbon looms. V. A. Rymar, Leh. prom. no. 3:49-51 Ji-S '65.

LOOMS—ELECTRIC DRIVING

- Advantages of the use of four-pole electric motors for loom driving. O. V. Fedotov, M. I. Kulikov, Tekst. prom. 25 no. 8:74-76 Ag '65.

LOOMS—PARTS

- Design of shuttle protector mechanisms for AT-100-645 looms. A. N. Lunov, Izv. vuz. ucheb. zav. i tekhn. i tekhn. prom. no. 4:140-143 '65.
- Lengthening the service life of the picking cam point of looms. A. P. Ognev, Tekst. prom. 25 no. 8:77 Ag '65.

- Method for designing the warp guide rod of STD looms for rigidity taking vibrations into account. E. N. Mamisev, Izv. vuz. ucheb. zav. i tekhn. i tekhn. prom. no. 4:151-157 '63.
- Wear of thread guide materials by linen threads. V. M. Balysh, M. I. Khudykh, Izv. vuz. ucheb. zav. i tekhn. i tekhn. prom. no. 4:144-150 '65.

LOOMS—TESTING

Studying the weft tension on looms with microshuttles. D. N. Oganesian, Tekst. prom. 25 no. 8 27-31 Ag '65.

LOOMS—VIBRATION

Effect of the elastic vibrations of the warp guide rod on warp tension on STD-2-330 looms. Yu. F. Frokhin, Izv. vys. ucheb. zav., tekhn. tekhn. prom. no. 4 81-84 '65.

LOPUKHOV, FEDOR VASIL'EVICH

The artist's pride. P. Gusev, Sov. muz. 29 no. 8 98-103 Ag '65.

LOUDSPEAKERS

Acoustical units for stereophonic systems. B. Zelenov, Radio no. 7-47 JI '65.

Double-sided electrostatic loudspeaker with nontensioned diaphragm. I. A. Sh. Yakubov, Trudy LKI no. 10 47-56 '64.

LOUDSPEAKERS—TESTING

Suitability of the correlation method for the measurement of nonlinear distortions. V. M. Zhuravlev, Trudy LKI no. 10 89-102 '64.

LOUSE FLIES see subdivision under Leningrad Province

LOVE IN LITERATURE

Three attitudes; polemic remarks on love and literature. I. U. Rurikov, Vop. lit. 9 no. 8 26-47 Ag '65.

LOW TEMPERATURE ENGINEERING

Determining the coefficient of heat conduction of highly effective low-temperature insulating materials with the method of a flat calorimeter. A. G. Shifelin, Trudy VNIIMASH no. 10 115-121 '65.

LOW TEMPERATURE MATERIALS see Materials at low temperatures

LOW TEMPERATURE RESEARCH

Experimental investigation of some thermodynamic properties of composite solutions at low temperatures (to -196°C.). S. I. Kosterin, B. M. Pavlov, Izv. fiz. zhur. 9 no. 3 23-32 S '65.

Ranque effect at low temperatures. A. I. Guliaev, Izv. fiz. zhur. 9 no. 3 354-357 S '65.

LOW TEMPERATURES

Density of solid acetylene at low temperatures. R. G. Amoschian, A. I. Moiz, Trudy VNIIMASH no. 10 150-162 '65.

Virial coefficients of inert and accompanying gases in the low temperature region. V. G. Skripka, Trudy VNIIMASH no. 10 163-183 '65.

LOWER TONGUSKA VALLEY—COAL GEOLOGY

Petrographic types and conditions governing the formation of coals in the Lower Tonguska basin. G. M. Lushchikhin, Geol. i geofiz. no. 8 17-27 '65.

LUBRICATION AND LUBRICANTS

(see also subdivision under Azerbaijan)

Determining the concentration of lubricating oils in gases. L. V. Grishin and others, Trudy MKPI no. 4 174-177 '64.

Development of the continuous method for the preparation of polyisobutylene with 10,000 and 20,000 molecular weights. V. I. Anosov and others, Khim. i tekhn. topl. i masel 10 no. 8 119-24 Ag '65.

Evaluating the duration of the protection of metals against atmospheric corrosion by means of lubricants. V. M. Martynov, M. V. Morozova, Khim. i tekhn. topl. i masel 10 no. 7 55-58 JI '65.

Influence of the quality of grease on the coefficient of resistance in the bearing assembly of mine cars. E. E. Norikov, Izv. DGI 41 pt. 2 40-43 '62.

Pay more attention to the production of lubricating greases. A. A. Keller, Khim. i tekhn. topl. i masel 10 no. 7 38-41 JI '65.

Purification of oils by means of the NSM-2 unit. N. P. Oleinikov, Stroi. i dor. mash. 10 no. 8 36-38 Ag '65.

Thermal stability of oils as an indication of their industrial properties. P. G. Subbotina and others, Stroi. mash. i tekhn. inform. Azerb. inst. nauch. i tekhn. inform. Ser. Nefteprom. i khim. prom. no. 2 38-42 '62.

Using the methods of similitude and dimensionalities in experimental investigation of contact-hydrodynamic friction. I. A. Mshahin, Mashinovedenie no. 5 89-100 '65.

LUBRICATION AND LUBRICANTS—ADDITIVES

Preparation of the SK-3 additive on an industrial unit. K. I. Sadykhov, A. A. Kiazimov, Khim. i tekhn. topl. i masel 10 no. 9 22-23 S '65.

Synthesis and study of antiwear additives based on the products of condensation of alkylbenzenes with chloral. A. M. Kuliev, A. G. Zulfugarova, I. I. Novich, Dokl. AN Azerb. SSR 21 no. 5 20-24 '65.

LUBRICATION AND LUBRICANTS—ELECTRIC PROPERTIES

Effect of oxidation on electrokinetic phenomena in plastic lubricants. I. U. F. Delncha, A. V. Lobanova, Dop. AN URSSR no. 9 180-189 '65.

LUBRICATION AND LUBRICANTS—TESTING

Selection of lubricants for ion-graphite sliding friction bearings. V. D. Zozulia, A. M. Grigor'ev, Porosh. met. 5 no. 8 82-86 Ag '65.

LUGANSK PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Help on the spot is most important. A. Vorob'eva, Part. zhizn' no. 10 56-58 O '65.

LUGANSK PROVINCE—LAW ENFORCEMENT

Legal counsel and law observance. F. Hret'skiy, Rad. pravo no. 6 79-80 '65.

LUGANSK PROVINCE—LAWYERS

Legal counsel and law observance. F. Hret'skiy, Rad. pravo no. 6 79-80 '65.

LUGANSK PROVINCE—MINE RAILROADS—CARS

Basikov, M. I. [Improving the systems of the exchange and haulage of mine railroad cars, according to practices in Lugansk Province mines] Sovetskoye stroitel'stvo obnove i otkatki vagonetok, po opytu Luganskikh shakht Moskva, Nedra, 1965 94 p.

LUGANSK PROVINCE—PUBLIC PROSECUTORS

The struggle for quality production. F. Grets'kiy, Sots. zakon. 12 no. 8 15-17 Ag '65.

LUGANSK PROVINCE—QUALITY CONTROL

The struggle for quality production. F. Grets'kiy, Sots. zakon. 12 no. 8 15-17 Ag '65.

LUMBER

Supplemental provisions to the Special terms for the delivery of lumber products and prefabricated houses. Sov. gos. i pravo 35 no. 8 112 S '65.

LUMBER—DRYING

Igumnov, A. I., and T. M. Konopleva, [Manual for the worker in a lumber drying shop] Posobie rabochemu lesosushil'nogo tsekh, Moskva, Lesnaya promyshlennost', 1965 69 p.

Kharitonov, G. N., and A. A. Andreeva, [Chamber drying of export lumber] Kamernaya suшка eksportnykh plannometalov, Moskva, Lesnaya promyshlennost', 1965 48 p.

Sokolov, P. V. [Designing drying and heating machines for wood] Proektirovaniye suшил'nykh i nagrevatel'nykh ustanovok dlya drevessiny, Moskva, Lesnaya promyshlennost', 1965 330 p.

LUMBER—TRANSPORTATION

(see also subdivision under Ussria River)

Potentials for the lowering of the costs of operation in the transport of lumber freight. I. U. A. Lobachev, Zhel. dor. transp. 47 no. 8 60-72 Ag '65.

LUMBERING—MACHINEERY

Basic trends in the mechanization of lumber loading, unloading and storage operations. B. A. Tauber, Mekh. i avtom. proizv. 10 no. 7 13-19 JI '65.

Goryshin, P. I., and others, [Economic basis of new lumbering equipment] Ekonomicheskoye osnovaniye novoy lesozagotovitel'noy tekhniki, Moskva, Lesnaya promyshlennost', 1965 109 p.

LUMBERMEN see subdivision under Kostroma Province

LUMBERYARDS—MANAGEMENT see subdivision under Karaganda Basin

LUMINESCENCE

Thermoluminescence of argillites and structural zones in the Pokutye and Bukovina Carpathians. I. V. Morozov, V. S. Sasyovych, V. M. Shevchukina, Dop. AN URSSR no. 9 180-189 '65.

Using the luminescence analysis as a rapid method for the control of the process of petroleum bitumen oxidation. T. I. Farilov, Khim. i tekhn. topl. i masel 10 no. 7 63 JI '65.

LUMPY JAW see Actinomycosis

LUNGS—ABSCESS

Some problems of the diagnosis and treatment of acute pulmonary abscesses. V. I. Struchkov, B. P. Fedorov, L. M. Nedvetskaya, Sov. med. 28 no. 9 3-9 S '65.

LUNGS—CANCER

Administration of antibiotics in resection of the lungs for cancer. V. A. Os'makov, Azerb. med. zhur. 42 no. 6 24-29 Je '65.

Bronchial adenomas and their relation to cancer of the lungs. V. L. Kovalenko, Trudy ONI no. 54 37-46 '64.

Experience in the surgical treatment of pulmonary cancer. V. M. Efetov, Vop. onk. 11 no. 9 60-63 '65.

Primary cancer of the lungs according to materials of autopsies performed in Omsk. V. L. Kovnlenko, Trudy ONI no. 54 47-59 '64.

Radiotherapy in recurrent cancer of the lungs. I. A. Peregudin, A. I. Barkanov, Med. rad. 10 no. 7 9-16 JI '65.

Röntgenological evidences of the inoperability of pulmonary cancer. V. I. Toluzakov and others, Vop. onk. 11 no. 7 9-17 '65.

Ten years' survival of a patient following surgery for combined cancer and tuberculosis of the lungs, one observation. L. E. Koleshko, Vop. onk. 11 no. 7 105-106 '65.

X-ray observations on the dynamics of changes in pulmonary lymphogranulomatosis during chemotherapy. I. M. Potin, L. A. Orlovskaya, Vop. onk. 11 no. 7 82-88 '65.

LUNGS—DISEASES

Changes in the ballistocardiogram in chronic nonspecific diseases of the lungs under the effect of exercise therapy. A. A. Ashikhmina, Vop. onk. i fizioter. i lech. fiz. kul't. 30 no. 4 311-345 JI-Ag '65.

Dynamics of alveolar respiration under the influence of hormone therapy in patients with lung and heart diseases. R. Sh. Akhmedmanova, D. A. Valimukhametova, Nauch. trudy Kaz. gos. med. inst. 14 333-331 '64.

Dynamics of spirometric and ballistocardiographic indices in chronic nonspecific pulmonary diseases under the effect of compound treatment including exercise therapy. A. A. Ashikhmina, Trudy TSU 77 14-18 '65.

Gasleva, Z. A., E. V. Neshol', and V. G. Uspenskaya, [Neumofibrosis and pulmonary emphysema] Pnevmofibrozy i emfizema legkikh, [Leningrad] Meditsina, 1965 26 p. (DNLM)

Large-photograph fluorography in polycyclic and its significance for the detection of volatile (eosinophilic) infiltrates. B. A. Bakhshiev, Azerb. med. zhur. 42 no. 1 47-52 Ap '65.

LUNGS—DUST DISEASES

Significance of the protein-tuberculin test in the diagnosis of silicopneumonia. G. K. Sosnina, Trudy TSU 78 55-62 '65.

X-ray diagnosis of pneumoconiosis. A. G. Shurakov, Vest. rent. i rad. 10 no. 4 52-56 JI-Ag '65.

LUNGS—RADIOGRAPHY

Röntgenological evidences of the inoperability of pulmonary cancer. V. I. Toluzakov and others, Vop. onk. 11 no. 7 9-17 '65.

X-ray observations on the dynamics of changes in pulmonary lymphogranulomatosis during chemotherapy. L. M. Potin, L. A. Orlovskaya, Vop. onk. 11 no. 7 82-88 '65.

LUNGS—SURGERY

Administration of antibiotics in resection of the lungs for cancer. V. A. Os'makov, Azerb. med. zhur. 42 no. 6 24-29 Je '65.

Experience in the surgical treatment of pulmonary cancer. V. M. Efetov, Vop. onk. 11 no. 9 60-63 '65.

Indications and contraindications for surgery in chronic suppurative processes in the lungs complicated by hemoptysis. A. V. Gligorian, L. M. Nedvetskaya, Sov. med. 28 no. 9 89-91 S '65.

Ten years' survival of a patient following surgery for combined cancer and tuberculosis of the lungs, one observation. L. E. Koleshko, Vop. onk. 11 no. 7 105-106 '65.

LUNGS—TUMORS

Benign cartilaginous tumors of the lung. S. D. Plotnev, Vop. onk. 11 no. 9 55-60 '65.

Effect of elutriate extract on the genesis of pulmonary adenomas induced in mice by means of urethane. P. K. Dzhelev, Vop. onk. 11 no. 9 51-54 '65.

Methodology of calculating cross sections of the body in planning radiotherapy of tumors of organs in the thoracic cavity. S. S. Kolesov, V. S. Puchanskii, Med. rad. 9 no. 1 82-84 N '64.

Study on the antigenic simplification of pulmonary tumors in man by means of precipitation in gel. G. I. Avdeev, Biol. eksp. biol. i med. 66 no. 8 111-114 Ag '65.

LUNGS—WOUNDS AND INJURIES

Voropay, M. M., and others, [Late sequelae of blind gunshot wounds of the lungs] Otdalenoye posledstviya slopykh ognestrel'nykh ranenii legkikh, Moskva, Meditsina, 1965 140 p. (DNLM)

LUNGWORMS

Immunization of cattle and sheep against dictyocaulosis. A. N. Zaitseva-Fedorchenko, Veterinaria 42 no. 7 51-52 JI '65.

LUPINE—FERTILIZERS AND MANURES

Characteristics of the nutrition of grain crops and legumes in their mixed sowing. P. O. Dmytrenko, K. I. A. Lohova'ka, O. H. Tomasheva'ka, Dop. AN URSSR no. 9 1225-1228 '65.

Effect of magnesium and calcium on lupine. E. P. Trepuchev, N. A. Astrashkova, Agroklimat no. 6 85-91 S '65.

LUPUS ERYTHEMATOSUS

Clinical photodiagnosis and morphologic indices of heart disease in systemic lupus erythematosus. V. S. Zigmund. Sov. med. 28 no. 9 25-31 S '65

Hematocrits in a female patient with systemic lupus erythematosus. B. G. Shusterov, G. A. Shusterov. Vestn. i rad. 40 no. 4 67-68 Ji-Ag '65

LVOV—CLAMIC PLANTS—EQUIPMENT AND SUPPLIES

Adapting a special machine apparatus at the L'vov ceramic plant. I. S. B. Bogdanov, A. B. Kuznetsov, L. I. Gumenyuk. Sov. i rad. 22 no. 9 4-5 S '65

LVOV—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Bulat, P. I. [Shoulder to shoulder with the people] Razom z narodom. L'viv, Kamenar, 1964 61 p

LVOV—FOREMEN

A foreman's workday. V. Tybinka. Sots.trud. 10 no. 8 57-58 '65.

LVOV—FURNITURE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Proposals of efficiency promoters in the enterprises of the L'vov Furniture Production Combine. Z. A. Dvornik. Bum i der. prom. no. 3 41-44 Ji-S '65.

LVOV—HUMAN ENGINEERING—RESEARCH

Labor psychology and physiology aid production. I. A. Tsurkovskii. Sots.trud. 10 no. 8 62-69 '65.

LVOV—MACHINERY INDUSTRY

A foreman's workday. V. Tybinka. Sots.trud. 10 no. 8 57-58 '65

LVOV—MACHINERY INDUSTRY—MANAGEMENT

Labor psychology and physiology aid production. I. A. Tsurkovskii. Sots.trud. 10 no. 8 62-69 '65

LVOV—MOTORBUS INDUSTRY

Motorbuses manufactured at the L'vov Plant in 1965. F. Atolian. Avt. transp. 43 no. 9 36-38 S '65

LVOV—TELEGRAPH STATIONS

Pneumatic mail transportation in the L'vov telegraph and telephone exchange. M. I. A. Glauherzon, I. M. Pavlychev. Vest. aviaz. 25 no. 9 16-17 S '65.

LVOV ECONOMIC REGION—POWER RESOURCES

Démchuk, I. U. I., and B. M. Iaremchyslyn. [We are saving fuel power resources] Zashchadzhujemo enoigebychni resursy. L'viv, Kamenar, 1965. 98 p.

LVOV PROVINCE—ABORTION IN ANIMALS

Cases of myotic abortions. L. E. Starchenko, G. I. Mishchishina. Veterinar. 41 no. 12 61 D '64

LVOV PROVINCE—COLLECTIVE FARMS—FINANCE

Payments to collective farms. V. Brazhenko. Den. i kred. 23 no. 9 42-43 S '65.

LVOV PROVINCE—COMMERCE

Why there is no reduction in the cost of transportation in trade? G. Sviridenko. Plan. khoz. 42 no. 10 88-90 O '65

LVOV PROVINCE—COURTS—OFFICIALS AND EMPLOYEES

Increasing the qualifications of court and notarial office workers. S. Rudyk. Rad. pravo 28 no. 6 69-71 '65.

LVOV PROVINCE—FOOD INDUSTRY—FINANCE

Extension of credit and the payments of production combines. I. A. Saidkovskii, B. Kozover. Den. i kred. 23 no. 9 35-37 S '65.

LVOV PROVINCE—NOTARIES

Increasing the qualifications of court and notarial office workers. S. Rudyk. Rad. pravo 28 no. 6 69-71 '65.

LVOV PROVINCE—SOVIETS

Semilant, D. A. [The prop of the soviets] Opora rad. L'viv, Kamenar, 1965. 37 p.

LVOV PROVINCE—TRANSPORTATION, AUTOMOTIVE—COST OF OPERATION

Why there is no reduction in the cost of transportation in trade? G. Sviridenko. Plan. khoz. 42 no. 10 88-90 O '65.

LVOV PROVINCE—TRANSPORTATION, AUTOMOTIVE—FREIGHT

Automotive transportation needs a coordinating center. A. Hofman. Ekon. Rad. Ukr. 8 no. 9 93-94 S '65

LVOV PROVINCE—VEGETABLES—TRANSPORTATION

Natural loss of fruit and vegetables in transportation on refrigerated motor trucks. V. Kolesnikov, I. Barchuk. Sov. i rad. 38 no. 5 46-47 Je '65

LVOV-VOLYN' BASIN—COAL MINERS—DISEASES AND HYGIENE

Invalidism due to industrial injuries of miners in the L'vov-Volyn' coal basin and measures for its decrease. N. B. Felistovich, V. A. Mudrik, A. A. Furmanchuk. Ortop., travm. i protez. 26 no. 8 57-61 Ag '65.

LVOV-VOLYN' BASIN—COAL MINES AND MINING—ACCIDENTS

Invalidism due to industrial injuries of miners in the L'vov-Volyn' coal basin and measures for its decrease. N. B. Felistovich, V. A. Mudrik, A. A. Furmanchuk. Ortop., travm. i protez. 26 no. 8 57-61 Ag '65.

LYMPHATICS

Age-related characteristics of the intraorganic lymphatic bed of the rectum. E. N. Oleneva. Vrb. anat., gist i embi. 48 no. 8 7-13 Ag '65.

Electrogram of the lymph heart and occurrence of the 11th spinal nerve in reflex inhibition. G. I. A. Mak. Fiziol. zhur. 50 no. 12 1444-1449 D '64

Further study of the problem of lymphovenous anastomoses. V. Kh. Frauchl. Nauch. i. rad. Kaz. gos. med. inst. 11 315-317 '64

Histochemical changes in cultures of human lymphatic nodes under the influence of blood serum and extract from leucocytes of patients with leukemia. N. M. Chistova. Vop. onk. 11 no. 7 17-22 '65.

LYMPHATICS—SURGERY

Anatomical indications for the radical resection of the inguinal lymph nodes. V. V. Martynuk. Vop. onk. 11 no. 9 22-29 '65

LYMPHATICS—TUBERCULOSIS

Errors in the diagnosis of tuberculous mesadenitis. I. R. Alimzade. Azerb. med. zhur. 42 no. 6 77-80 Je '65

LYMPHOGRANULOMATOSIS see Hodgkin's disease

LYRIC POETRY

Dialectic of the subjective and objective in lyric poetry. U. V. Hnitedau. Vestn. AN BSSR. Ser. lit. i. um. n. v. no. 2 89-95 '65.

LYSENKO, TROFIM DENISOVICH, 1898-

Difference of opinion between I. V. Michurin and T. D. Lysenko on some basic problems of genetics. V. V. Shripchinski. Biol. MOIP. Old. biol. 70 no. 4 105-116 Ji-Ag '65

MACARONI—DRYING

Kinetics of the drying of short-cut macaroni products in conveyor dryers. I. M. Savina, I. A. K. Babin, A. A. Trigubets. Khleb. i kond. prom. 9 no. 9 16-18 S '65

MACHINE ACCOUNTING

First step of a centralized accounting office. V. Sharafiev. Bukh. uch. 22 no. 8 34-39 Ag '65.

Kovalenko, E. V., and N. A. Udovenko. [Use of calculating machines in the standard method of accounting] Priimenenie schetnykh mashin pri normativnom metode ucheta. Moskva, Finansy, 1965 50 p.

Organization of centralized accounting in the baking industry. N. Mikhailov. Bukh. uch. 22 no. 8 28-33 Ag '65.

Problems of qualitative characteristics of the information in the accounting for materials in the clothing industry. Z. P. Zhil'tsova. Izv. vys. ucheb. z. n. v. tekhn. i. um. no. 4 13-11 '65.

MACHINE PARTS

Investigating some foundry alloys for high precision parts. M. L. Khenkin and others. Lit. i. um. n. v. no. 3 27-31 Mr '64.

MACHINE PARTS—MAINTENANCE AND REPAIR

Khomlacheva, T. [Serving again] Snova na sluzhbu. Alma-Ata, Kazakhskoe gos. izd-vo, 1964. 44 p.

MACHINE-SHOP PRACTICE

Determining the precision of distances between axes of machined holes. A. S. Shevelov. Izv. vys. ucheb. z. n. v. tekhn. 7 no. 3 163-168 '65.

Strength control in assembling heated wheel pairs. G. I. A. Andeev, N. M. Laktionov. Mashinostroyeniye no. 5 33-35 S-O '65.

Technology of glass-reinforced plastic reinforcement and some of its properties. N. P. Frolov. Bet. i zhel. - bet. 11 no. 8 5-8 S '65.

MACHINE SHOPS—MANAGEMENT

Standard solutions for the organization of the working areas in machine and assembly shops. A. Sobol', B. Faershtein. Sots. trud. 10 no. 9 16-23 S '65.

MACHINE-TOOL INDUSTRY—EXHIBITIONS

Serving the technological progress. V. Mednikov. Inform. biol. VDNKH no. 9 7-8 S '65.

MACHINE-TOOL INDUSTRY—MANAGEMENT

Ways for increasing the degree of specialization in the metal-cutting tool industry. T. E. Muravchik. Stan. i instr. 36 no. 8 1-3 Ag '65.

MACHINE-TOOL INDUSTRY—MATHEMATICAL MODELS see subdivision under Moscow

MACHINE-TOOL INDUSTRY WORKERS see subdivision under Moscow

MACHINE TOOLS

Introducing a flanging machine. A. A. Fik. Bud. tekhn. ekon. inform. Gos. nauch.-issled. inst. mach. i tekhn. inform. 18 no. 7 52-53 Ji '65

Introducing automatic machines for undercutting faces of solid semiparabolas. I. U. N. Potayov. Bud. tekhn. ekon. inform. Gos. nauch.-issled. inst. mach. i tekhn. inform. 11 no. 7 33-34 Ji '65

Minor and precise displacements on sliding guides. I. S. Murashkin. Trudy LPI no. 250 11-16 '65

New machine tools. Stan. i instr. 36 no. 8 42 Ag '65.

MACHINE TOOLS—ATTACHMENTS

Attachment for obtaining a fixed area of chip formation. L. N. Reznikov. Trudy LPI no. 250 88-99 '65.

MACHINE TRANSLATING

(see also subdivision under Bulgaria)

Calculation producing nuclear Russian sentences. M. V. Lomkovskaya. NTI no. 7 35-41 '65.

Possible method and instruments of semantic synthesis. A. K. Zholkovskii, I. A. Mel'tchuk. NTI no. 8 23-28 '65.

Syntactical synonymy of sentences in natural language. K. I. Babitskii. NTI no. 6 20-31 '65.

MACHINERY—ABSTRACTS

[Technology of machinery manufacture] Ref. zhur. i tekhn. mashinst. no. 9 S '65.

MACHINERY—FOUNDATIONS

Preparing foundations under equipment. V. P. Kuchin. Ment. i op. tekhn. v. str. 27 no. 5 19 My '65

MACHINERY—HYDRAULIC DRIVE

Characteristics of the operation of the hydraulic drive of machinery for the light industry. B. P. Vokh, N. A. Sychevko. Izh. prom. no. 3 79-82 Ji-S '65.

MACHINERY—MAINTENANCE AND REPAIR

Reconditioning parts of construction machines by built-up welding. B. P. Trushin. Str. i. dor. mach. 10 no. 8 35-36 Ag '65.

MACHINERY—RELIABILITY

Increasing the quality, reliability and durability of machinery. V. N. Kislavov, N. N. Skvortsov. Mashinostroyeniye no. 5 40-41 S-O '65

MACHINERY—TESTING

Problem of the acceleration of testing new machines. Str. i. dor. mach. 10 no. 8 32-35 Ag '65.

MACHINERY—WELDING

Economic efficiency of welding in carbon dioxide in plants for the manufacture of heavy machinery. S. I. Golosovskii. Svar. i. protez. no. 12 16-17 D '63.

MACHINERY, AUTOMATIC

Monitoring and signaling system for automatic control of machine tools and lines. R. N. Ivenskii, V. S. Poplavskii. Mekh. i avtom. protez. 18 no. 7 10-11 Ji '65.

MACHINERY, AUTOMATIC—TECHNOLOGICAL INNOVATIONS

Modernization of automatic machine-tool lines. M. I. A. Zlatopolskii, G. P. Romanov. Mashinostroyeniye no. 5 54-55 S-O '65.

MACHINERY, KINEMATICS OF

Investigating the kinematics of the crank-link gear on loading machines with side grabs and gathering drums. U. G. Kimukov, Kh. Kozhamatov. Trudy Inst. gos. del. AN Kazakh. SSR. 17 66-73 '65.

Kinematic cutting angles for the cutting tools of planetary working disks of the actuating mechanisms on cutting machines. V. G. Ungefut. Izv. vys. ucheb. z. n. v. tekhn. i. um. 8 no. 7 110-123 '65.

MACHINERY IN INDUSTRY

Labor expenditure for the production, an important index of the economic efficiency of the introduction of new equipment and techniques. N. V. Vashova. Kh. i. prom. no. 3 60-70 Ji-S '65

MACHINERY INDUSTRY

(see also subdivision under Krasnoyarsk; Leningrad; Lvov)

Determining the number of transport workers the machinery industry. V. Solovov. Sots. trud. 10 no. 8 100-115 '65.

Production potentials of piece and small-lot machinery manufacturing. I. I. Borisov. Ochi po sovr. sov. i zarub. ekon. no. 4 122-146 '65.

MACHINERY INDUSTRY—ACCOUNTING

The index norms accounting method in the machinery industry. I. Basmanov. Bukh. uch. 22 no. 8 21-20 Ag '65.

MACHINERY INDUSTRY—EXHIBITIONS

Using a creative approach in the propaganda of technical innovations. M. Zelikson. Inform. biol. VDNKH no. 9 36-38 S '65.

MACHINERY INDUSTRY—MANAGEMENT

See also subdivision under: Leningrad Economic region; Lvov, Sverdlovsk; Ural Mountain region, Ust'-Kamenogorsk, Zhelanov

In the State Committee for the Machinery Industry, Mekh i avtom, protzv. 19 no. 7-55 JI '65

In the State Committee for the Machinery Industry, Mekh i avtom, protzv. 19 no. 8-53 Ag '65

In the State Committee for the Machinery Industry, Mekh i avtom, protzv. 19 no. 3-19 S '65

Tendencies of the development of large-scale machinery production, S. Kheiman, Vop. ekon. no. 9 62-71 S '65.

MACHINERY INDUSTRY—STATISTICS

[Statistical data on the export by certain countries of machinery industry products and chemical goods] Statisticheskie dannye ob eksporte nekotorykh stranami produktov mashinostroyeniya i khimicheskikh tovarov, Moskva, 1965, 43 p. (Bulleten' inostrannoi kontmercheskoi informatsii, prilozhenie, no. 15)

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Overall mechanization in the hoisting and conveying machinery industry, L. I. Dobrotolavskii, Mekh i avtom, protzv. 19 no. 7-5-10 JI '65

Overall mechanization in the machinery industry, G. A. Turkov, Mekh i avtom, protzv. 19 no. 7-1-4 JI '65

Study of the economic efficiency of the new equipment of industrial manufacturing heavy, power, and transport machinery, S. I. Golosovskii, Sbor nauch. inform. Nauch. sov. po eff. kon. fond. kap. v lozh. i nov. tekhn. AN SSSR no. 7-123-130 '65

MACHINISTS—EDUCATION AND TRAINING

See subdivision under: Moscow

MACROLIDES

Tissue culture as a model for studying the biological activity of penicillins and macrolide antibiotics, A. F. Zuk, Antibiotiki 10 no. 8 733-740 Ag '65.

MACROMOLECULAR COMPOUNDS—FLUID DYNAMICS

Hydrodynamic properties of macromolecules of graft polymers of butyl methacrylate and methyl methacrylate and methyl methacrylate with styrene, I. A. Burenovskaya and others, Vysokom. soed. 7 no. 5 878-883 My '65

MACROMOLECULAR COMPOUNDS—OPTICAL PROPERTIES

Low birefringence of solutions of semirigid chain molecules, V. N. Tsvetkov, Vysokom. soed. 7 no. 8, 1404-1415 Ag '65

Optical properties of macromolecules of graft polymers of butyl methacrylate and methyl methacrylate with styrene, I. A. Burenovskaya and others, Vysokom. soed. 7 no. 5 884-900 My '65

MACROMOLECULAR COMPOUNDS—SPECTRA

Properties of high-molecular weight compounds studied by the nuclear magnetic resonance method, a survey, A. S. Khachaturov, Zav. lab. 31 no. 8 948-958 '65.

MACROPHOMA

Macrophoma infection of laurel, L. A. Kochekmadze, Subtrop. kud' no. 1 107-110 '65

MAGADAN PROVINCE—GEOLOGY

Geological characteristics and magnetic properties of the Volitkenyukiy granite massif, A. P. Milov, D. M. Pecherskii, V. S. Ivanov, Trudy SVKNII no. 9:170-180 '64

MAGADAN PROVINCE—ROCKS, IGNEOUS—MAGNETIC PROPERTIES

Geological characteristics and magnetic properties of the Volitkenyukiy granite massif, A. P. Milov, D. M. Pecherskii, V. S. Ivanov, Trudy SVKNII no. 9:170-180 '64

MAGNESIUM

Quality of titanium sponge obtained with the use of various forms of magnesium, V. V. Rodlakin and others, TSvet. met. 30 no. 8:664-68 Ag '65.

MAGNESIUM—EFFECT ON PLANTS

See Plants, Effect of magnesium on

MAGNESIUM ALLOYS

Determination of cerium in magnesium alloys by means of a vanadium (III) salt, S. I. Gusev, L. A. Kotova, Zhur. anal. khim. 20 no. 7:898-898 '65.

Determination of iron in magnesium and its alloys, V. N. Tikhonov, Zav. lab. 31 no. 8:945 '65.

MAGNESIUM-ALUMINUM ALLOYS

See Aluminum-magnesium alloys

MAGNESIUM COMPOUNDS

Change of the character of chemical bonds in compounds of magnesium with Si, Co, Sn, Pb during their smelting, V. M. Glazov, N. N. Glagoleva, Izv. AN SSSR, Neorg. mat. 1 no. 7:1078-1085 JI '65.

Properties of magnesium-substituted zeolite, M. A. Plomkovskaya and others, Ust. khim. zhur. 31 no. 8 761-767 '65

MAGNESIUM ISOTOPES

Mass-spectrometric determination of the isotopic composition of magnesium, V. I. Usinov, IU. M. Artemov, Geokhimiya no. 5:617-619 My '65

MAGNESIUM-LEAD ALLOYS—THERMAL PROPERTIES

Experimental detection of an anomaly in the specific heat of a metal containing heavy impurity atoms, G. Kh. Panova, B. N. Samoilov, Zhur. eksp. i teor. fiz. 49 no. 2 456-458 Ag '65

MAGNESIUM METABOLISM

Importance of magnesium in the pathogenesis of rickets, L. B. Pustovalova, Nauch. trudy Kaz. gos. med. inst. 11 523-524 '64.

MAGNESIUM ORGANIC COMPOUNDS

See Organo-magnesium compounds

MAGNESIUM OXIDES

Effect of magnesium oxide on the properties of tricalcium silicate, IU. M. Buti, V. V. Timashov, V. C. Kuvshinskii, Izv. AN SSSR, Neorg. mat. 1 no. 7 1201-1206 JI '65.

Magnetic susceptibility of solid solutions of nickel oxide in magnesium oxide, N. L. Lukinykh, G. A. Rybakova, Vest. LGU 20 no. 16:123-125 '65.

MAGNESIUM SULFATE

Catalytic dehydration of some alcohols over radioactive magnesium sulfate, V. I. Spitsyn, I. F. Mikhailenko, O. M. Petrova, Khim. i kat. 6 no. 4 735-736 JI-Ag '65.

Effect of magnesium sulfate on the removal of strontium-90 from the organism of some laboratory animals, B. N. Annenkov, Radiobiologiya 5 no. 4 620-621 '65.

MAGNETIC AMPLIFIERS

Automatic control of the angular velocity of a rotary converter using a magnetic amplifier, I. V. Kutsaruba, Trudy MIET no. 205:55-63 '65

Radioisotope meter operating at a wavelength of 21 cm, with a quantum paramagnetic amplifier, R. M. Matiroslan, A. M. Pichorov, R. L. Sorochenko, Izv. vya. ucheb. zav., radiofiz. 8 no. 4:699-703 '65.

MAGNETIC ANOMALIES

Determination of the distribution of the characteristics of potential functions, V. N. Stashkov, Prikl. geofiz. no. 44:132-161 '65.

MAGNETIC CIRCUITS

Calculation of an electromagnet with a coil around the air gap taking into account the thickness of the coil, O. B. Zhur', Elektrotehnika 36 no. 8:553-56 Ag '65.

Magnetic asymmetry in contactless synchronous machines, L. M. Palastin, Elektrotehnika 36 no. 9:20-23 S '65.

Role of the first-order equalizing connections, M. D. Nakhodkin, Trudy MIET no. 205:101-103 '65

MAGNETIC FIELDS

Behavior of a hydrogen-like system in a high magnetic field, A. G. Zhilich, B. S. Monoson, Vest. LGU 20 no. 16:26-35 '65.

Certain characteristics of the effect of a magnetic field on ore pulp, A. I. Radchenko, S. I. Pol'kin, Izv. vya. ucheb. zav., svet. met. 8 no. 3:17-22 '65.

Certain properties of tensors determining the characteristics of propagation and absorption of ultrasonic waves in metals in a strong magnetic field, K. B. Vlasov, B. N. Il'ippov, Fiz. met. i metalloved. 20 no. 2:173-178 Ag '65.

Dynamic magnetostriiction of iron in pulsed magnetic fields, V. E. Kuznetsov, Fiz. met. i metalloved. 20 no. 2 199-203 Ag '65.

Electric resistance of metals with small magnetic impurities in the presence of impurity ferromagnetism and an external magnetic field, A. A. Abrikosov, Pis'ma v red. Zhur. eksp. i teor. fiz. 1 no. 1 53-59 Ap '65.

Generation-recombination noises in a magnetic field, V. A. Kovarskii, I. A. Chasikovskii, Fiz. tver. tela 7 no. 8:2499-2504 Ag '65.

Induced scattering of Langmuir oscillations in a plasma placed in a high magnetic field, V. D. Shapoval, V. I. Shchelchenko, Ukt. fiz. zhur. 10 no. 9:980-988 S '65.

A light spark in a magnetic field, G. A. Askar'yan and others, Pis'ma v red. Zhur. eksp. i teor. fiz. 1 no. 1 9-15 Ap '65.

Magnetophonon oscillation of the thermo-e.m.f. in n -InSb in a longitudinal magnetic field, V. M. Muzhdaba, R. V. Danilenko, S. S. Shalyt, Fiz. tver. tela 7 no. 8: 2370-2382 Ag '65.

Magnetostriiction of iron in field variables, L. V. Kirenskiy, V. E. Kuznetsov, V. U. Usatov, Fiz. met. i metalloved. 20 no. 2:221-226 Ag '65.

Quasi-classical quantization of electrons and holes in bismuth in a magnetic field, L. A. Fal'kovskii, Zhur. eksp. i teor. fiz. 49 no. 2:609-617 Ag '65.

Recombination relaxation in a quantized magnetic field, V. A. Kovarskii, I. A. Chasikovskii, Fiz. tver. tela 7 no. 8 2505-2512 Ag '65

Resistance of thin plates and wires in a strong magnetic field, M. Ia. Azbel', V. G. Pechenaskii, Zhur. eksp. i teor. fiz. 49 no. 2 572-587 Ag '65.

MAGNETIC INDUCTION

Combined vibrations of a turbogenerator stator and the foundation under the action of a rotating magnetic field, G. T. Uzunov, Trudy LPI 252:79-86 '65

MAGNETIC MATERIALS

Effect of the shape of ferromagnetic bodies on their magnetic structure and magnetic properties, F. N. Dunaev, Izv. vya. ucheb. zav., fiz. 8 no. 3 117-123 '65.

Ferromagnetic substances in the system $1/3\text{Fe}_2/3\text{W}_1/3\text{O}_3$ -- $1/3\text{Fe}_2/3\text{NbO}_3$, IU. A. Tomashpol'skii, IU. N. Venovtsev, G. N. Antonov, Zhur. eksp. i teor. fiz. 49 no. 2:367-372 Ag '65.

Magnetic materials for the sealing of refrigerator doors, G. P. Lankov, L. L. Postnikov, Khim. tekhn. 12 no. 1 73 JI-Ag '65.

Statistical characteristics of noise in the cyclic magnetic reversal of ferromagnets, M. R. Pichonovich, A. G. Ivanov, Izv. vya. ucheb. zav., radiofiz. 8 no. 4:831-833 '65.

Structure of the domain boundary in a ferromagnet of finite thickness, V. A. Ignatichenko, IU. V. Zakharov, Zhur. eksp. i teor. fiz. 49 no. 2:598-608 Ag '65

MAGNETIC MEMORY (COMPUTERS)

Dictionary memory for electronic computers, L. V. Kulakov, NTI no. 8:20-22 '65.

Stationary storage device combined with an operative memory system, N. S. Anishin, Izv. vya. ucheb. zav., radiofiz. 8 no. 4:842-843 '65.

Ways of building memory structures with single recording of repeated information, L. S. Levinson, A. N. TSukhai, NTI no. 7 31-33 '65

MAGNETIC PROSPECTING

Compensation of the magnetic interferences of an airplane on the earth, O. P. Khostov, Geofiz. prib. no. 20:31-36 '64.

Use of the frequency method for the solution of an inverse problem in the case of an inclined surface of observation, V. V. Kuznetsov, Geol. i geofiz. no. 8: 136-137 '65.

MAGNETIC PROSPECTING—EQUIPMENT AND SUPPLIES

Automation of the processing of aerogeophysical measurements, D. I. Gordonov, V. P. Katkov, Geofiz. prib. no. 20:99-103 '64.

MAGNETIC RECORDERS AND RECORDING

Characteristics of density in magnetic recordings of pulse signals, A. I. Viches, Radiotekhnika 20 no. 9 63-71 S '65

Transistorized magnetic voltage stabilizers for low voltage potential, F. G. Fedoseev, S. S. Suvichev, Trudy LKI no. 10 111-121 '64.

MAGNETIC SEPARATION OF ORES

Concentration of hydrophobic addition to iron concentrates from wet magnetic separation, and its effect on filtration, M. B. Barbin, Gor. zhur. no. 9 68 S '65

Flow sheets of ore dressing plants in the Kivoy Rog iron ore and Nikopol' manganese basins, V. I. Karmazin, I. D. Holzen, V. A. Binkovich, Gor. zhur. no. 9 61-64 S '65

MAGNETISM—PHYSIOLOGICAL EFFECT

Biological effect of magnetic fields; a conference in Tomsk, IU. A. Kholodov, Priroda 51 no. 0 121-122 S '65.

MAGNETISM, TERRESTRIAL

Accuracy of determining the vertical component of the geomagnetic field for an exact magnetic current meter, V. V. Novykh, Oknometlogiya 5 no. 4:718-725 '65.

Calculation of the magnetic field from the contact surface, G. N. Konstantinov, Geol. i geofiz. no. 7 92-100 '65.

Magnetotelluric fields in an anisotropic medium, G. G. Puchkov, Geol. i geofiz. no. 7 68-81 '65

Methods for eliminating the primary field in induction methods, G. V. Molochkov, Geofiz. prib. no. 20:60-73 '64.

MAGNETISM, TERRESTRIAL—OBSERVATIONS

Field microvariation station and its use in geophysical studies, N. F. Krotevich, Geofiz. prib. no. 20:86-93 '64.

MAGNETITE

Dependence of the microhardness of magnetite on the conditions governing its formation, V. I. Shulakov, Geol. i geofiz. no. 2:32-40 '65.

Technological improvement of the dressing of Kivoy Rog magnetite quartzites, S. G. Evalovich, S. I. Zhuraviev, Gor. zhur. no. 9:65-67 S '65.

MAGNETIZATION

- Apparatus for feeding magnetizing devices. A. M. Sosonko, IU. V. Bratin, Stroi truboprov, 10 no. 9-27-28 S '65
- Distribution of lagging magnetization jumps according to their duration. E. P. Dzaganina, Fiz. met. i metalloved, 20 no. 2 204-209 Ag '65
- Measuring the duration of magnetic reversal pulses. A. L. Lagutskanov, Fiz. met. i metalloved, 20 no. 2 205-208 Ag '65
- Temperature dependence of the saturation magnetization of the ferrimagnetic oxide of EuO. A. V. Smolov and others, Fiz. met. i metalloved, 20 no. 2 309-310 Ag '65

MAGNETOHYDRODYNAMIC GENERATORS

- Vinogradov, L. V. [Power engineering of tomorrow] Energetika zavtrashnego dnia. Moskva, Voenizdat, 1965, 76 p. (Nauchno-popularnaya biblioteka voennogo izdatel'stva)

MAGNETOHYDRODYNAMICS

- Linearized problem concerning supersonic flow at the inlet to the electrode zone of a magnetohydrodynamic channel. A. A. Barina, A. G. Kulikovskii, L. F. Lobanova, Prikl. mat. i mekh, 20 no. 1 611-615 Ji-Ag '65
- Magnetohydrodynamic method, a new concept in power engineering. P. S. Neporozhnyi, Energetik 13 no. 9, 1-2 S '65

MAGNETOMETER

- Electron automatic compensator. L. A. Shervul, Geofiz. prib. no. 19 34-44 '64
- Practice in using a proton-precision magnetometer in the aeromagnetic surveying of the Arctic Ocean. V. M. Karasik, A. S. Morozov, Geofiz. prib. no. 19 74-85 '64
- Practice in using the AM-13 aeromagnetometer on the nonmagnetic schooner "Zaria." B. M. Matveev, B. M. Tsutsarev, Geofiz. prib. no. 19 81-73 '64

MAGNETOSTRICTION

- Dynamic magnetostriction of iron in pulsed magnetic fields. V. E. Kuznetsov, Fiz. met. i metalloved, 20 no. 2 199-203 Ag '65
- Magnetostriction in a gadolinium crystal. K. P. Belov, IU. V. Ergin, A. A. Fed'ko, Zhur. eksp. i teor. fiz. 49 no. 2 414-419 Ag '65
- Magnetostriction of iron in field variables. L. V. Kirenskiy, V. E. Kuznetsov, V. U. Usatov, Fiz. met. i metalloved, 20 no. 2 221-225 Ag '65

MAGNETRONS

- Stud. of a magnetron exciting an Hg wave in a round waveguide. V. V. Minich, Radiotekhnika i elektronika 10 no. 9 1692-1699 S '65

MAGNETS

- Saving cobalt and nickel in the manufacture of permanent magnets. IU. G. Dorofeev, N. T. Zherditskiy, A. A. Neudakhina, TSvet, met. 38 no. 8 60-91 Ag '65
- Study on permanent magnets. B. M. Zhiriakov, A. I. Larkin, E. A. Protasov, Zav. lab. 31 no. 6 1022-1023 '65

MAGNITOGORSK—CONSTRUCTION WORKERS

- Brigade of A. A. Maiboroda Hero of Socialist Labor. Mont. i spets. rab. v stroi. 27 no. 5 16-18 My '65

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1893-1930

- Creative path of a poet of the revolution. I. Denisova, Vop. lit. 9 no. 9 210-212 S '65

MAIBORS'KIY VOLODYMYR PETROVYCH

- Verbyns'kyi, M. V. [He's alive] Vin zhyyei. L'viv, Kamenlar, 1965, 76 p.

MAIKOP GAS FIELD—SEPARATORS (MACHINES)

- Testing the performance of horizontal separators in the Maikop gas-condensate field. V. V. Korablin, V. Berezhnoi, Gaz. prom. 10 no. 8 12-17 '65

MAIZE see Corn (Maize)

MAKHITUM-KULI, 1733-1782

- Makhitum-Kuli about the comic in reality and in art. I. L. Sosonkin, Izv. AN Turk SSR Sci. obschestv. nauk no. 4 23-31 '65

MAKSIMOV, GEORGI ALEKSANDROVICH, 1906-1965

- Georgii Aleksandrovich Maksimov: obituary. A. V. Lykov and others, Inzh.-fiz. zhur. 9 no. 3 418 S '65

MAL SECCO DISEASE OF CITRUS

- Mal secco resistant varieties of lemon in Sicily. N. I. Malsuradze, Subtrop. kul't. no. 1 119-122 '65

MALACHITE GREEN—THERAPEUTIC USE

- Effectiveness of a solution of malachite green for treating ichthyophthiriasis in carp. P. F. Brichuk, Veterinar. 42 no. 7 53-54 Ji '65

MALATHION—TOXICOLOGY

- Toxicology of phosphorus organic compounds (parathion, malathion and chlorfenthion). F. Kolosanova-Simeonova, Toks. nov. prom. khim. veshch. no. 7 122-128 '65

MALAYSIA, FEDERATION OF

- Failure as expected. M. Sergeev, Agitator 33 no. 18 53-56 S '65

MALAYSIA, FEDERATION OF—POLITICS AND GOVERNMENT

- "Tommy," blood and rubber. V. Arkad'ev, Mol. komm. no. 8 108-113 '65

MALDIV ISLANDS—HISTORY

- There where people ate boja pilots. M. Iakovlev, Az. i Afr. seg. 9 no. 9 32-33 S '65

MALEIC ANHYDRIDE

- Substituted cyclopentadienes and related compounds. Report 14: Special features of the vibrational spectra of adducts of substituted cyclopentadienes with maleic anhydride. E. V. Sobolev, V. A. Mironov, T. M. Fedeeva, Izv. AN SSSR, Ser. khim. no. 8 1357-1363 '65

MALGOBEK OIL FIELD—GASOLINE

- Terrigenous composition of gasoline obtained from Malgobek Upper Cretaceous oil. E. S. Levchenko and others, Khim. i tekhn. topl. i masei. 10 no. 7 24-26 Ji '65

MAL'GUZAR MOUNTAINS—GEOLOGY, STRATIGRAPHY

- Terrigenous sediments of the Middle Carboniferous in the western part of the Mal'guzar Mountains. I. N. Filizov, Uzh. geol. zhur. 9 no. 4 35-39 '65

MALI—GEOPHYSICAL RESEARCH

- Observations of Soviet geophysicists in Mali. N. N. Papisilskiy, IU. S. Dobrokhotoy, Vest. AN SSSR 35 no. 0 76-78 '65

MALI—POLITICS AND GOVERNMENT

- Experience of the Mali Republic. V. Sidenko, Nov. vrem. 23 no. 12 9-10 O '65

MALLOW AS FEED

- Curled mallow as a valuable forage crop. Trudy VIZH 27 173-180 '65

MALNAVA (LATVIA)—AGRICULTURAL EXPERIMENT STATIONS

- Experimental work at the Malnava state farm technical school. Z. Vitolina, Sred. spets. obi. 12 no. 8 22 Ag '65

MALT

- Bulgakov, N. I. [Biochemistry of malt and beer] Biokhimiya soloda i piva. Moskva, Pishchevaia promyshlennost', 1965, 487 p.

MALTHUSIANISM

- Hunger and economic backwardness. Josue de Castro, Az. i Afr. seg. 9 no. 8 5-7 Ag '65

MAMIN, DMITRII NARKISOVICH, 1852-1912

- Gruzdev, A. I. [On the way to realism; the early works of D. N. Mamin-Sibirskiy] Na puti k realizmu, rannee tvorchestvo D. N. Mamina-Sibirskiy, [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1963, 85 p. (MH)

MAMMALS—EMBRYOLOGY see Embryology—Mammals

MAN

- Factors influencing the physical development of man. T. V. Karsaevskaya, Uch. zap. Kaf. obschestv. nauk vuz. g. Len., Filos. no. 6 111-121 '65

MANAGEMENT

- Improvement of the organization and operational methods of the state administrative apparatus. M. I. Piskolov, IU. A. Tikhomirov, Sov. gos. i pravo 35 no. 9 3-4 S '65

MANDEL'SHTAM, LEONID ISAAKOVICH, 1879-1944

- Characteristics of the work of Leonid Isaakovich Mandel'shtam. I. E. Tamm, Usp. fiz. nauk 87 no. 1 3-7 S '65

MANET, EDOUARD, 1832-1883

- Prokof'ev, V. N. [Edouard Manet; his life and letters, the recollections, and criticism of contemporaries. Translated from the French] Eduard Mane, zhizn', pla'ma, vospominaniya, kritika sovremennikov. Moskva, Iskusstvo, 1965, 261 p. illus. (MH)

MANGANESE

- Seminar on the electrochemistry of manganese and related metals. R. I. Agladre, Zhur. VKHO 10 no. 3 344-345 '65

MANGANESE—ANALYSIS

- Indicators for the complexometric determination of manganese. V. A. Rad'ko, E. M. Iakimets, I. I. Vladimirtsov, Zhur. anal. khim. 20 no. 9 655-656 '65

MANGANESE—EFFECT ON PLANTS see Plants, Effect of manganese on

MANGANESE—TOXICOLOGY

- Fractional determination of manganese in endovital material. A. N. Kiylova, Sud.-med. eksp. 3 no. 1 35-43 Ji-S '65

MANGANESE CARBONATES—THERMAL PROPERTIES

- Thermal stability of natural and synthetic manganese carbonates. M. M. Davidenko, S. A. Silyukina, I. A. Prodan, Dokl. AN BSSR 6 no. 6 379-382 Je '65

MANGANESE-COBALT-PHOSPHORUS ALLOY PLATING

- see Cobalt-manganese-phosphorus alloy plating

MANGANESE HYDROXIDES

- Precipitation of hydrated manganese oxide from the nitrate. E. N. Bogdanovskiy, B. A. D. bannikov, Soob. AN Gruz. SSR 39 no. 2 371-376 Ag '65

MANGANESE INDUSTRY

- Use of manganese in the U. S. S. R. I. I. Zuev, A. A. Brodov, L. P. Gorshkova, Sber. i izd. TSNICHTM no. 15 101-114 '65

MANGANESE MINES AND MINING—EQUIPMENT AND SUPPLIES

- Productive capacity of an open-pit mine depending on the method of front shifting, using continuous waste-dumping conveying units. B. N. Izraelovskiy, M. A. Abdulkhalilov, E. N. Goralia, Izv. vuz. uch. i nauch. zhur. 8 no. 7 31-34 '65

MANGANESE ORES

- (see also subdivision under Bulgaria; Nikopol' region, Ukraine)

- Types of manganese accumulations in present reserves and their significance for the knowledge of the mechanism of mineralization processes. N. M. Strakhov, Izv. i dokl. tsikon. no. 4 118-119 Ji-Ag '65

MANGANESE ORGANIC COMPOUNDS see Organic manganese compounds

MANGANESE SILICIDES—MAGNETIC PROPERTIES

- Magnetic susceptibility of Mg₂Si and MnSi. L. Z. Radtsig, Izv. vuz. uch. i nauch. zhur. 8 no. 3 144-145 '65

MANGANESE SILICIDES—THERMODYNAMICS

- Thermodynamic properties of manganese silicides. Report no. 2. V. N. Bilenko, G. M. Lukashenko, V. R. Sidorov, Porosh. met. 5 no. 9 91-91 S '65

MANGANESE-SILICON ALLOYS

- Crystalline structure of Mg₂Si. I. I. Gladyshevskiy, P. I. Krilakovskiy, I. A. P. Armoluk, Izv. AN SSSR Noorg. mat. 1 no. 7 1090-1099 Ji '65

MANGANESE STEEL—TESTING

- Weldability of 18G2 and 18G2T low-alloy steel. A. G. Astafev, V. S. Navoev, Svar. proizv. no. 3 1-5 Mz '64

MANGANESE STEEL—WELDING

- Weldability of 18G2 and 18G2T low-alloy steel. A. G. Astafev, V. S. Navoev, Svar. proizv. no. 3 1-5 Mz '64

MANGEL-WURZEL—WATER REQUIREMENTS

- Physiological indices of water requirements by fodder and sugar beets. R. I. Riev, Izv. AN SSSR, Ser. biol. no. 5 744-755 S-O '65

MANN, THOMAS, 1875-1955

- The devil of Adlan I overkula. IU. Davydov, Vop. lit. 9 no. 9 139-145 S '65

MANNED SPACE FLIGHT

- Borisenko, I. G. [First records in space] Pervyo re-kordy v Kosmose. Moskva, Mashinostroenie, 1965, 119 p.

MANOMETER

- Bellows-sealed capacitive manometer for measuring pressure in logarithmic units. M. V. Gnachev, L. N. Rozanov, M. S. Pechatnikov, Trudy LPI no. 200 20-21 '65

- Electric methods of measuring atmospheric pressure and radioactive-ionization manometers. M. T. Dmitriev, Trudy NIIGMI no. 14 28-50 '65

MANOMETER—VIBRATION

- Calculating the natural vibration frequency of tubular springs and spring manometers. I. P. Fedotov, Izv. tekhn. no. 8 13-15 Ag '65

MANUAL TRAINING

Increasing the efficiency of manual training. V. V. Tereshchenko, N. G. Zorulin. *Nich. shkola* 33 no. 8: 54-57 Ag '65.

Independence during work training. A. M. Gukrsova. *Nich. shkola* 33 no. 7:52-56 J1 '65.

MANUFACTURES

Organization of the All-Union Public Inspection of the Achievement of High Standards of Production and Improvement of Work Conditions in the enterprises of the Light and Textile Industry honoring the 50th Anniversary of the Great October Socialist Revolution. *Kozh. obuv. prom* 7 no. 8:1-4 Ag '65.

Organization of the All-Union Public Inspection of the Achievement of High Standards in Production and Improvement of Work Conditions in the Enterprises of the Textile and Light Industry to take place in honor of the 50th anniversary of the Great October Socialist Revolution. *Shvayn. prom* no. 1:1-1 J1-Ag '65.

MANUSCRIPTS

Depositing of manuscripts. NTI no. 8:3-4 '65.

MANUSCRIPTS, BULGARIAN

Authenticity of the Virginian diploma. L. V. Gorina. *Sov. slay.* no. 5: 60-68 '65.

MANUSCRIPTS, GEORGIAN

An original manuscript of the "Vitrarnadi." M. G. Mamutashvili. *Sob. AN Gruz SSR* 39 no. 3: 499-505 Ag '65.

MAPLE

Phenomenon of heterophyly in the development of the seedlings of Norway maple (*Acer Platanoides* L.). F. A. Kondratova-Meltytil. *Vest LGU* 20 no. 15:38-43 '65.

MARCASEITE see subdivision under Borovichi District

MARCASEITE—CLASSIFICATION see subdivision under Borovichi District

MARINSK CANAL SYSTEM see Volga-Baltic Sea Waterway

MARINE ACCIDENTS

Muru, N. P. [Ensuring the insubmersibility of the ship; general principles] *Obezpechenie nepotoplennosti korablia, obshchie printsipy* Moskva, Voenizdat, 1965 193 p.

MARINE BOILERS see Boilers, Marine

MARINE DIESEL ENGINES

Bench testings of a hygroscopic evaporator. B. M. Rogalev, B. I. Trofimchenko. *(Iyb. khoz.* 41 no. 7:35-37 '65.

Conference of diesel builders. I. A. Zaitsev. *Sudostroenie* no. 8:72 Ag '65.

Industry-wide all-Union conference on diesel manufacturing. I. A. Zaitsev. *Sudostroenie* 30 no. 7:75 J1 '64.

Operation of main engines on the "Raketa" and "Meteor"-type motor ships. B. Polshakov. *Rech. transp.* 21 no. 8:24 Ag '62.

A practical manual. V. Polushkin. *Mor. flot* 24 no. 8:45 Ag '61.

Prevent the overloading of main diesels. A. Aleksandrov, E. Kivalkin. *Rech. transp.* 24 no. 8:28-29 '65.

[Theoretical principles of the operation of marine diesel engines] *Teoreticheskie osnovy ekspluatatsii sudovyykh dizelov*. [By] V. I. Gitis i dr. Moskva, Transport, 1965. 375 p.

MARINE DIESEL ENGINES—COOLING

Automatic regulation of water and oil temperature in the diesel engine of the tanker "Lisichansk." V. Petrov, P. Nepochatlenko. *Mor. flot* 25 no. 9:26-28 S '65.

MARINE DIESEL ENGINES—FUEL CONSUMPTION

Pay more attention to the saving of fuel. I. Kuznetsov. *Rech. transp.* 21 no. 8:45 Ag '62.

MARINE DIESEL ENGINES—FUEL SYSTEMS

Standardization of the fuel system of ship diesels. N. Besspalov. *Rech. transp.* 21 no. 8:27-28 Ag '62.

MARINE DIESEL ENGINES—LUBRICATION

Automatic regulation of water and oil temperature in the diesel engine of the tanker "Lisichansk." V. Petrov, P. Nepochatlenko. *Mor. flot* 25 no. 9:28-28 S '65.

Oil change criteria for diesels. V. Storozhev. *Rech. transp.* 24 no. 8:30-32 '65.

Studying the process of feeding oil to the cylinders of low-speed marine diesel engines. L. Ginzburg. *Mor. flot* 25 no. 9:24-26 S '65.

MARINE DIESEL ENGINES—MUFFLERS

Acoustic calculation of the exhaust tract of a marine internal combustion engine. O. V. Petrova. *Sudostroenie* 30 no. 7:33-35 J1 '64.

MARINE ECOLOGY

Some problems of the trophic structure of a marine biocenosis. K. N. Nesia. *Okeanologia* 5 no. 4: 701-711 '65.

MARINE ENGINEERING

Determining the Admiralty coefficients at the initial stages of ship design. A. V. Bronnikov. *Sudostroenie* 30 no. 7:9-13 J1 '65.

Naumov, A. I., and N. M. Renski. [Manual for wheelmen and engineers of the river and lake fleet] *Posobie rulevomu-motolistu rechnogo i ozeznogo flota*. Moskva, Transport, 1965. 282 p.

The mechanical control on steamboats and motor ships performed by the crew. K. Semochkin. *Rech. transp.* 31 no. 5:36 '65.

Use of ferric chloride as a scale preventing additive in seawater evaporators. G. Lukin. *Mor. flot* 24 no. 8:21-25 Ag '61.

MARINE ENGINES

Automation of the power plant on the cargo liner "Amiralin Raca." *Sudostroenie* no. 8:36-37 Ag '65.

Remote control of engines. *Sudostroenie* no. 8:37 Ag '65.

Selecting an economically expedient technological process for machining the parts of marine engines. V. I. Cherkel'mitskiy. *Sudostroenie* no. 8:46-50 Ag '65.

Some characteristics of and outlook for the development of the power plants of motor ships. B. S. Iul'avin. *Sudostroenie* no. 8:25-29 Ag '65.

MARINE ENGINES—FUEL SYSTEMS

Ullage in the technology of manufacturing parts of the fuel system. A. Aksel'band and others. *Mor. flot* 25 no. 9:30-31 S '65.

MARINE FLORA

Study of primary production in bodies of water. I. I. Sorokin. *Vest. AN SSSR* 35 no. 9:62-67 '65.

MARINE GAS TURBINES

Results of testing a double-impulse control system of marine gas turbine generators. A. I. Potapov. *Sudostroenie* no. 8:31-36 Ag '65.

MARINE NUCLEAR REACTOR PLANTS see subdivision under Poland

MARINE PIPE FITTING

Pay special attention to the reliability of piping. *Sudostroenie* no. 8:13 Ag '65.

MARINE PIPING

Rogdanov, V. P. [Economy of nonferrous metals in shipbuilding (in the design of ship systems and piping)] *Ekonomika tsvetnykh metallov v sudostroenii (pri proektirovani sudovyykh sistem i truboprovodov)* Leningrad, Sudostroenie, 1965. 129 p.

MARINE RAILWAYS

Construction of a bolted crossing on railroads servicing building slips and cranes. A. Semenov. *Rech. transp.* 24 no. 5:31 '65.

MARINE REFRIGERATION

Determining the length of ribbons insulating the pillars of refrigerated hatches. V. A. Stefanovich. *Sudostroenie* 30 no. 7:26-27 J1 '64.

Refrigerating machinery on the new "Siber"-type transport refrigerators. G. S. Khordas. *Sudostroenie* 30 no. 7:20-25 J1 '61.

MARINE RESOURCES

Dobrovolskiy, A. D., and B. S. Zalogin. [Seas of the U.S.S.R.; their nature and utilization] *Moria SSSR: priroda, khoz. ispol'z.* Moskva, Mysl', 1965. 350 p.

MARINE SEDIMENTS

Ratov, M. A. [Characteristics of the distribution and genesis of clay minerals in recent and old sea basins] *Zakonomernosti i smeshcheniya i geneza glinistykh mineralov v sovremennykh i drevnikh morskikh bassaynakh*. Moskva, Nauka, 1964. 287 p. (Akademiya nauk SSSR. Geologicheskii institut. Trudy, no. 112)

MARINE SEDIMENTS—ANALYSIS see subdivision under Black Sea; Kopetdag; Pacific Ocean

MARITIME LAW see subdivision under Netherlands

MARITIME LAW—CASES see subdivision under France, Great Britain

MARITIME TERRITORY—ECONOMIC CONDITIONS

All-round development of the economy. V. Cheryayev. *Part. zhizn'* no. 10:11-17 O '65.

MARITIME TERRITORY—FUR FARMING

Unused possibilities. S. Petrov. *Sov. potreb. koop.* 9 no. 9:42 S '65.

MARITIME TERRITORY—GEOLOGY, STRUCTURAL

Outline of the geology of Cretaceous sediments in the Maritime Territory. E. N. Melnikholina. *Trudy GIN* no. 139:7-20 '65.

MARITIME TERRITORY—MOSQUITOES

Experimental study of factors regulating the occurrence of embryonic diapause in *Aedes togoi* Theob. (Diptera, Culicidae). E. B. Vinogradova. *Ent. obozr.* 44 no. 3: 527-537 '65.

MARITIME TERRITORY—PASTURES AND MEADOWS

Effect of litter burning on the conditions of environment of one of the meadow types of the Maritime Territory of the Far East. G. D. Dymina, T. K. Zankova. *Vest LGU* 20 no. 15:15-24 '65.

MARKAROV, GRIGORIY SERGEEVICH

Protector of the Brest fortress. V. I. Kariagin. *Veterinaria* 11 no. 12:90-91 D '61.

MARKETING

Krutikov, F. A. [Theoretical principles of determining the capacity of the market] *Teoreticheskie osnovy opredeleniya emkosti rynka*. Moskva, Ekonomika, 1965. 158 p.

MARKOV PROCESSES

Conditions of conjugation for the probability density of transitions in a multidimensional Markov process. M. L. Tai. *Izv. vuz. ucheb. zav., radiofiz.* 8 no. 4:83-106 '65.

Harmonic functions for certain discontinuous Markov processes. S. A. Molchanov. *Vest. Mosk. univ. Ser. 1-Mat., mekh.* 20 no. 3:4-16 My-Je '65.

Markov chains, skew products, and ergodic theorems for "general" dynamic systems. V. I. Osolodets. *Teor. veroyat. i ee prim.* 10 no. 3:551-557 '65.

Markov processes whose output probabilities are majorized by the analogous probabilities for Wiener processes. M. G. Shm. *Trudy Mosk. mat. obva* 13:324-316 '65.

Number of iterations in Markov chains. S. A. Ivankov. *Teor. veroyat. i ee prim.* 10 no. 3:557-560 '65.

Probability of the nonappearance of a given number of s-chains in composite Markov chains. P. F. Bellaev. *Teor. veroyat. i ee prim.* 10 no. 3:547-551 '65.

Random Markov sets. N. V. Kylov, A. A. Ushkevich. *Trudy Mosk. mat. obva* 13:114-125 '65.

Relation between limit theorems on finite groups and the ergodic theorem for Markov chains with a bistochastic transition matrix. V. M. Malafayev. *Teor. veroyat. i ee prim.* 10 no. 3:544-547 '65.

Statistical characteristics of noise in the cyclic magnetic reversal of ferromagnets. M. R. Prokopovich, A. G. Ivankov. *Izv. vuz. ucheb. zav., radiofiz.* 8 no. 4:83-106 '65.

Sufficient conditions for the differentiability of measures corresponding to Markov processes with values from Hilbert space. T. I. Chantladze. *Trudy Vych. tsentr. AN Gruz. SSR* 5:125-130 '65.

MARR, NIKOLAI IAKOVLEVICH, 1861-1934

Centenary of the birth of N. I. Marr. I. V. Magrelidze. *Izv. AN SSSR, Ser. lit. i jaz.* 21 no. 4:358-359 J1-Ag '65.

MARROW

Correlation between two forms of postirradiation cell destruction in the bone marrow of mice, protected and not protected by mecamine. I. D. Aleksandrov. *Dokl. AN SSSR* 164 no. 2:437-440 S '65.

MARROW—BLOOD SUPPLY

Morphology of blood vessels of the bone marrow in some long tubular and flat bones of the skeleton under normal and experimental conditions. I. I. Novikov. *Arkh. anat., gist. i embriol.* 49 no. 8:3-7 Ag '65.

MARROW—TRANSPLANTATION

Changes in the hemopoiesis of the bone marrow in rabbit donors. E. I. Ivanova. *Biul. eksp. biol. i med.* 60 no. 8:33-36 Ag '65.

Effect of homotransplantation of bone marrow on the toxicity and antineoplastic activity of some alkylating drugs. E. G. Veksel, V. N. Shevchenko. *Vop. onk.* 11 no. 7: 71-75 '65.

MARS (PLANET)

Soveshchaniye rabochey gruppy po issledovaniyu planet zemnogo tipa. Kiev, 1964. [Problems in astrophysics; study of the atmospheres of Venus and Mars. Abstracts of the reports] *Voprosy astrofiziki, issledovaniye atmosfery Venery i Marsa*. [Tezisy dokladov] Kiev, Naukova dumka, 1965. 164 p. (Respublikanskiy nauchno-sledovnyy sbornik. Seriya: "Astronomiya i astrofizika")

MARS (PLANET)—ATMOSPHERE

Oxygen and water vapors in the atmosphere of Venus and Mars. V. K. Prokof'ev. *Kosmos* no. 2:10-32 '65.

MARSHES see Swamps

MARX, KARL, 1818-1883

Marx, Karl, and Friedrich Engels. [Works, Translated from the German] *Sochineniya*. Izd. 2., Moskva, Izd-vo polit. lit-ry. Vol. 37, 1965. 599 p.

MARX, KARL, 1818-1883 (Continued)

Omsk. Institut Inzhenerov zheleznodorozhnogo transporta
Kafedra politicheskoi ekonomii [Problems on political
economy, aid for students of "Capital" by Karl
Marx. Textbook for correspondence students] Zadachi
po politicheskoi ekonomii, v pomoshch' izuchaiushchim
"Kapital" Karla Marksa. Metodicheskoe posobie dlia
studentov zaochnogo otdeleniia Omsk, 1984 51 p.
illus., diagrs.
(CS-II)

Vygodskii, V.S. [History of one great discovery of
Karl Marx (Comments on the creation of "Capital")]
Istoriia odnogo velikogo otkrytiia Karla Marksa
i sozdaniia "Kapitala". Moskva, Mysl', 1965, 198 p.

MASANOV, EDIGE AIDARBEKOVICH, 1922-1965
Edige Aidarbekovich Masanov; an obituary. Izv AN
Kazakh. SSR. Ser. obshchestv. nauk 3 no. 4 85-87 Ji-Ag
'65.

MASLENNIKOV, ALEKSEI
Maslennikov sings I Kuchukova Sov muz 29
no. 8 103-105 Ag '65

MASS MEDIA IN LAW see subdivision under Bryansk
Province

MASS SPECTROMETRY

Double focusing in mass spectrometers using a nonuni-
form magnetic field. S.V. Stirodubisev, S.L. Pozharov,
I.G. Chernov. Izv. AN Uz. SSR Ser. fiz.-mat. nauk 9
no. 1 40-44 '65.

Effect of electron energies and other conditions of ioniza-
tion in an ion source on the mass spectra of carbon
tetrachloride and methane. S.E. Kupriianov. Khim i
fiz. 6 no. 4 725-728 Ji-Ag '65.

Effect of the characteristics of triangular diagrams with
decay masses on the mass spectra of the systems
 $\pi^+\pi^-238$, $\pi^+\pi^-1385$, and $\pi^+\pi^-0$. V.V. Anisovich, V.V.
Fomin. Izd. fiz. 2 no. 3 562-564 S '65.

Electrolytic method for producing atomic hydrogen in a
vacuum. I.U.I. Belikov. Vest. LGU 20 no. 16, 140-141
'65.

Mass-spectrometric determination of the isotopic com-
position of magnesium. V.I. Usitnov, I.U. Artemov.
Geokhimiia no. 5, 617-619 My '65

Search for anomalous hydrogen. G.M. Kukavadze. Zhur.
eksp. i teor. fiz. 49 no. 2 389-392 Ag '65.

Usitnov, V.I., and V.A. Grinchenko. [Precision mass
spectrometric method for the determination of the
isotopic composition of sulfur] Pritsloznyi mass-
spektrometricheskii metod opredeleniia izotopnogo
sostava sery. Moskva, Nauka, 1965. 94 p.

MASS TRANSFER

Calculating the number of crossing stream type plates
in distillation. I.U. Molokanov. Khim i tekh. topl.
masel 10 no. 8 42-48 Ag '65

Effect of a recess area on the convective heat and
mass transfer caused by evaporative cooling. G.V.
Vasil'eva. Inzh.-fiz. zhur. 9 no. 3 405-408 S '65.

Effect of pressure on the mass transfer between a mag-
netic melt and the water of external media. A.A.
Kadik, N.I. Khitarov. Geokhimiia no. 5:507-510 My
'65.

Effect of pressure on the mass transfer in tubular film
rectification columns. L.A. Zhmud, V.M. Olevskii.
Khim. mashinost. no. 136-14 '65.

Heat and mass transfer in air coolers with rounded fins.
V.N. Kefer, I.M. Tsirol'man. Khol. tekhn. 42 no. 4:
36-39 Ji-Ag '65.

Investigating mass transfer caused by moisture extrac-
tion from capillary-porous materials. R.I. Venediktova,
N.M. Rudnyi. Inzh.-fiz. zhur. 9 no. 3 395-398 S
'65.

Law of mass and energy transfer. P.K. Konakov.
Inzh.-fiz. zhur. 9 no. 3 337-347 S '65.

Mass exchange between a solid and a bubbling liquid.
E.A. Kapustin. Izv. vyz. ucheb. zav. khim. met. 8 no. 9
192-194 '65.

Mechanism underlying transport phenomena in samarium
sulphide. A.V. Golubkov and others. Fiz. tver. tela 7
no. 8 2430-2438 Ag '65.

Problems of macrokinetics and plasma chemistry; meet-
ing of the Department of General and Technical Chemis-
try. L.M. Pishman, A.A. Ovsienkov. Vest. AN
SSSR 35 no. 9 106-110 '65.

Sorption dynamics of vapor under parallel translation
conditions. I.U.S. Lezin. Dokl. AN SSSR 164 no. 1 147-
149 S '65.

Using characteristic functions of irreversible-process
thermodynamics in determining the parameters of
internal heat and mass transfer. A.G. Temkin. Inzh.-
fiz. zhur. 9 no. 3 305-317 S '65.

Using the methods of irreversible-process thermodynami-
cs in investigating heat and mass transfer. A.V.
Lykov. Inzh.-fiz. zhur. 9 no. 3 287-304 S '65.

MESSAGE

Treatment of endarteritis of the lower extremities with
vacuum massage. G.M. Ilutovich, E.B. Nechaev,
Vop. kur., fizioter. i lech. fiz. kult. 29 no. 4 366-367
Ji-Ag '64.

Use of individual methods of massage on patients with
increased and decreased arterial pressure. I.N.
Asadikhin. Trudy TSU 77 35-39 '65

Use of massage in cervical-thoracic radiculitis and
sympathico-ganglionic with cardialgia syndrome.
N.I. Speranskii, F.I. Sorokina, N.A. Belina, Zhur.
nevro. i psikh. 65 no. 2 222-227 '65.

MATERIA MEDICA, VEGETABLE

Eleutherococcus as a means of increasing unspecific
resistance of the organism. L.L. Biehlman, G.M.
Malashev. Izv. AN SSSR. Ser. biol. no. 5 762-765 S-O
'65.

MATERIALEM, HISTORICAL see Historical
materialism

MATERIALS—TESTING

Effect of some factors on the hardness determined by the
scratch method. I.U.S. Bolarskaia, D.Z. Grabko.
Zav. lab. 31 no. 8 1004-1008 '65.

Microhardness measurement as a method of material
testing, review. V.N. Vigdorovich. Zav. lab. 31 no. 8:
993-1001 '65.

MATERIALS—THERMOELECTRIC PROPERTIES

Thermoelectric properties of carbonaceous substances.
S.V. Shulepov. Trudy Chel. gos. ped. inst. 2 150-164
'61.

MATERIALS, EFFECT OF TEMPERATURE ON

Effect of annealing silicon in vapors of phosphorus on the
density of linear dislocations. M.S. Snidov, Zh.A.
Kalendareva, I. Shukurov. Izv. AN Uz. SSR. Ser. fiz.-
mat. nauk 9 no. 4 51-54 '65.

Study on the coefficients of strengthening and relaxation
of lithium and sodium at various temperatures and
deformation rates. F.V. Kruglov. Trudy Chel. gos. ped.
inst. 2 171-179 '64.

Thermal expansion of coke-pitch materials under differ-
ent heat treatment in the low and high temperature rang-
es. E.A. Smirnova, S.V. Shulepov. Trudy Chel. gos.
ped. inst. 2 153-158 '64.

MATERIALS AT HIGH TEMPERATURES

Study of some oxide systems by means of a high-tempera-
ture plant for the simultaneous measurement of elec-
tric resistance and the X-ray diffraction analysis of
samples. A.F. Besonov, V.M. Ustiantsev. Zhur.
fiz. khim. 39 no. 8 1923-1937 Ag '65.

MATERIALS AT LOW TEMPERATURES

Electric discharges in thin germanium films at helium
temperatures. E.I. Zavaritskaiia. Fiz. tver. tela 7
no. 8 2459-2468 Ag '65.

MATERIALS HANDLING

Determining the number of transport workers in the
machinery industry. V. Sobolev. Sots. trud. 10
no. 8 109-115 '65.

New design of the fork for the charging of the "4004"
battery operated loader. V.I. Terezhchuk. Bum. i dor.
prom. no. 3 41-45 Ji-S '65.

Overall mechanization of operations in the lumberyards
of small capacity sawmills and woodworking enter-
prises. V.M. Nodel'man. Bum. i dor. prom. no. 3 12-
14 Ji-S '65.

Tasks of the mechanized divisions of loading and unload-
ing operations. V.V. Golubkov. Zhel. dor. transp. 47
no. 9 32-36 S '65

Unloading of unrefined sugar delivered to the refineries
in bulk in box cars. B.I. Beresinskii. Sakh. prom.
39 no. 8 65 S '65.

MATERNITY LEAVE

Determining the time of prenatal maternity leave based
on the estimated weight of the intrauterine fetus. A.N.
Iakubova. Nauch. trudy Kaz. gos. med. inst. 14 583-584
'64.

MATHEMATICAL ANALYSIS

Fikhtengol'ts, G.M. [Fundamentals of mathematical
analysis] Osnovy matematicheskogo analiza. Izd. 4.
Moskva, Nauka.
Vol. 2. 1964. 463 p.

Il'in, V.A., and E.G. Pozniak. [Fundamentals of mathe-
matical analysis] Osnovy matematicheskogo analiza.
Moskva, Nauka, 1965. 571 p. (Kurs vysshei matema-
tiki i matematicheskoi fiziki, no. 1)

MATHEMATICAL ECONOMICS see Economics, Mathe-
matical

MATHEMATICAL LINGUISTICS

Akademiia nauk USSR, Kiev. [Structural and mathemat-
ical linguistics] Strukturno-matematicheska lingvistyka.
Kiev, Naukova dumka, 1965. 148 p. (Respublikans'kyi
naukovy i shkolnyy zbirnyk. Seriya: "Pytannia movoznav-
stva")

Application of mathematical methods in linguistics. L.F.
Pichurin. Vop. laz. 14 no. 4 119-120 Ji-Ag '65.

Constructive interpretation of supporting formulae.
Part I. N.A. Shanin. Trudy Mat. inst. 72 348-379 '64.
E.L. Post's "tag" problem. S.IU. Maslov. Trudy Mat.
inst. 72 57-68 '64.

Interrelation of terminology and lexicon of common terms
in special scientific-technical literature. N.G. Vlodav-
kova. Uch. zap. MGPI no. 223 222-236 '61

On the treatment of mathematical linguistics by linguists.
A.F. Lesnev. Vop. laz. 14 no. 5 13-16 S-O '65.

Some properties of P.L. Poritski's approach of numerical
computations. S.IU. Maslov. Trudy Mat. inst. 72 57-68
'61

Three theorems on constructive functions. G.S. Gikman.
Trudy Mat. inst. 72 57-68 '61.

MATHEMATICAL MODELS

[Analog and digital-analog computer technology] Anal-
ova i analogo-tsifrovaya vychislitel'naya tekhnika. M.
skva, Mashinostroyeniye, 1965. 460 p.

Bases for designing a matrix model of the productivity
cost of a mine. A.Ykh. Bental, B.L. Gindler. Fiz. i
tekh. zav. i gor. zhur. 8 no. 7 74-81 '65.

Determining dynamic stresses on the drive of a
KKD-1500/700 cone crusher by mathematical modeling.
B.V. Otkhovykov. Izv. vyz. ucheb. zav. i gor. zhur. 8
no. 7 190-194 '65.

MATHEMATICAL OPTIMIZATION

Calculation method for obtaining current information on
heat exchange processes in soaking pits. B.I. Chibrikov,
and others. Izv. vyz. ucheb. zav. i gor. zhur. 8 no. 9
107-101 '65.

Determining the optimum dimensions of mining areas by
taking into account the time element of previous
capital outlays. B.S. Lobshin. Ugol' 10 no. 9 58-61
S '65.

Incorrect problems of optimal planning and stable meth-
ods for their solution. A.N. Il'ikhonov. Dokl. AN SSSR 164
no. 3 507-510 S '65.

Optimization of recirculation processes. B.A. Azelev.
Izv. vyz. ucheb. zav. i dor. 8 no. 4 65-61 '65.

Problem involving the optimal control of a mathematical
pendulum. I.U.M. Filimonov. Difer. urav. i no. 4 10-17
1015 Ag '65

Statistical problem of optimum control of a linear system.
R. Galimov, F.M. Khaflova. Dokl. AN SSSR 164 no. 1
16-19 S '65.

Use of design methods in determining optimum param-
eters for coal mines to be reorganized. A.M.
Kurnozov and others. Ugol' 40 no. 9 52-58 S '65.

MATHEMATICAL PHYSICS

Application of direct methods of mathematical physics
in the theory of quantum transitions. Part I. A.B.
Kushnirenko. Izv. vyz. ucheb. zav. i dor. 8 no. 1 10-14
'65.

Use of the regularization method in solving an inverse
problem. V.A. Morozov. Vest. Mosk. univ. Ser. fiz.-
mat. 20 no. 4 13-21 Ji-Ag '65.

MATHEMATICAL STATISTICS

Akademiia nauk SSSR. Matematicheskiy institut. [Works
on mathematical statistics and the theory of probabili-
ties] Raboty po matematicheskoi statistike i teorii
veroiatnostei; sbornik rabot. Pod red. I.U.V. Likhacheva.
Moskva, Nauka, 1965. 235 p.
(DRC)

Applying certain concepts of mathematical statistics
to the study of fluid flow in a nonuniform layer.
V.P. Pilyatovskii. Nauch.-tekhn. sbor. po dob. nefti
no. 27 17-27 '65.

Categories of mathematical statistics. N.M. Chelomei.
Dokl. AN SSSR 164 no. 3 611-614 S '65.

Determining the density of the intermediate layer using
the methods of information theory and mathematical
statistics. V.M. Bereskin, N.IU. Nefedova. Fiz. i
geofiz. no. 5 39-46 '65.

Probable evaluation of the uniformity coefficient of
building materials. I.A. Slobozhenko, A.M. Alimov.
Izv. vyz. ucheb. zav. i stroi. arkhit. 8 no. 0 10-15 '65

Stability of estimates of mathematical expectation and
dispersion for connected meteorological time series.
A.S. Marechenko. Izv. AN SSSR. Fiz. atm. i kosm. 1
no. 0 908-913 S '65.

Studying the fertility factors by methods of mathematical
statistics in testing the methodology of land evaluation.
I.E. Vasil'ev, M.IA. Agutkin. Vest. sel'sk. khoz. nauch.
[Kazakh.] 8 no. 8 3-12 Ag '65.

Use of quasilinear components for correlation measure-
ments. A.N. Domaratovskii. Avtomatika no. 1 81-83
'65.

MATHEMATICS

Zol'dovich, I.A. B. [Higher mathematics for beginners
and its applications to physics] Vysshaya matematika
dlia nachinalushchikh i ee prilozheniia k fizike.
Izd. 3., dop. Moskva, Nauka, 1965. 575 p.

Zorin, V.V. [Mathematical textbook for persons
entering schools of higher education] Posobie po
matematike dlia postupaiushchikh v vuzy. Moskva,
Vysshaya shkola, 1965. 177 p.

MATHEMATICS—ABSTRACTS

[Mathematics] Ref. zhur.: Mat. no. 9 S '65.

MATHEMATICS—EXAMINATIONS, QUESTIONS, ETC.

Malveev, N. M. [Variants of test papers and test cards for oral examinations in mathematics] Varianty pishchennykh (slovo) i bilykh dlya uslykhiy okamenov po matematike. [Leningrad] Izd-vo Leningr. univ., 1965. 55 p. (V pomoshch' postupaushchim v vysshiye uchebnye zavedeniya)

Test papers with a printed base. R. A. Kirilov. Sov. ped. g., 29 no. 9, 11-12 S '65.

MATHEMATICS—STUDY AND TEACHING

Interesting experiment. A. V. Zaslavskiy. Sov. ped. g., 29 no. 8, 16-18 Je '65.

Some present-day tendencies in the teaching of mathematics. M. V. Pototskiy. Sov. ped. g., 29 no. 6, 29-31 Je '65.

MATHEMATICS, ARABIC

Theory of parallel lines in the medieval East. A. L. -A. Khatipov. Trudy Sam. gos. un., no. 111-5-17 '64.

MATHICES

Algorithm for calculating the eigenvalues of positively defined matrices. V. N. Kublanovskaya. Trudy Mat. inst., 81-5-7 '65.

Certain invariants of a group of triangular unit matrices in a space adjacent to the space of its Lie algebra. I. A. Zhigulin. Dokl. AN SSSR 184 no. 1, 32-35 S '65.

Decomposition of a matrix with elements from a ring of principal ideals into simple matrices. P. S. Korzhinskiy. Dokl. LPI 4 no. 1, 2, 3-6 '60.

Decomposition of a polynomial matrix into the product of first degree matrices. P. S. Korzhinskiy. Dokl. LPI 4 no. 1, 2, 11-15 '60.

Inclusions between regular methods. I. I. Ogilevskiy. Uch. zap. Kazan. univ., 124 no. 2, 241-255 '61.

Matrix for calculating the backscatter coefficient. K. S. Shifrin, I. L. Zel'manovich. Trudy GGO no. 170, 61-70 '65.

S-matrix poles of the second order and resonance scattering. I. U. N. Demkov, G. F. Drukarov. Zhur. eksp. i teor. fiz., 49 no. 2, 691-698 Ag '65.

MATHEMATICS—BATHS, MEDICATED

Mechanism of the action of hydrogen sulfide baths. N. P. Pivinskii, S. I. Kravtsov, G. I. Kutakh. Vop. kur., fizioter., i loch. fiz. kul't., 29 no. 4, 207-202 Ji-Ag '64.

MATTER

Absoluteness of opposition between matter and consciousness in gnoseology. M. F. Vorob'ev. Vest. LGU 20 no. 17, 50-53 '65.

The categories of matter and consciousness in Marxist dialectical logic. M. F. Vorob'ev. Uch. zap. Kazan. univ., 124 no. 2, 241-255 '61.

MATTER—CONSTITUTION

Algebraic characteristics of the energy-momentum tensor, and vacuum-like states of matter. E. B. Gilner. Zhur. eksp. i teor. fiz., 49 no. 2, 512-548 Ag '65.

MATING—EQUIPMENT AND SUPPLIES

New mat weaving MVM-250 machine. S. E. Fridman. Sakh. prom., 39 no. 9, 48-49 S '65.

MATTEOLI, ERCOLE ANTONIO, 1640-1703

Who was hiding behind the iron mask? E. B. Cherniak. Nov. i noveish. ist., no. 5, 104-117 '65.

MAXILLARY SINUS

Epitheliomatosis of the antrum of Highmore and the labyrinth of the ethmoid. A. Sh. Vochorishvili. Sobr. AN Gruz. SSR 38 no. 2, 421-426 My '65.

MAXILLARY SINUS—TUMORS

Pathomorphological characteristics of tumors of the Highmore's antrum and the ethmoidal labyrinth. A. Sh. Vochorishvili. Sobr. AN Gruz. SSR 39 no. 2, 443-450 Ag '65.

MAXIMA AND MINIMA

Applying the maximum principle to the simplest problems in mechanics. A. I. Lur'e. Trudy LPI 252, 34-36 '65.

MAZUT

Mazut atomizer with an AVD fan. I. F. Krivchok. Sakh. prom., 39 no. 9, 26-31 S '65.

Mazut heaters for large power plants operating on gas and mazut. Z. I. Geller, V. I. Ashikhmin. Elektr. sta., 39 no. 9, 2-5 S '65.

Production of technological gas by means of high-temperature vapor-oxygen conversion of petroleum fuels under increased pressure. F. I. Kabanov and others. Khim. prom., 41 no. 9, 687-694 Ag '65.

Results of boiler operation on sulfurous mazut with the NP-102 additive of the All-Union Scientific Research Institute of Petroleum and Natural Gas. B. Balashov, I. Gerasimov, N. Zakharov. Mor. flot 24 no. 8, 26-28 Ag '65.

MEASURE THEORY

Invariant measures on Boolean algebras. D. A. Vladimirov. Mat. sbor., 67 no. 3, 440-460 Ji '65.

Length of a continuous path. O. I. T. Sorokel. Sobr. AN Gruz. SSR 38 no. 2, 263-266 My '65.

Sufficient conditions for the differentiability of measures corresponding to Markov processes with values from Hilbert space. T. L. Chantladze. Trudy Vych. tsentr. AN Gruz. SSR 5, 125-130 '65.

Transformation of Gaussian measures in nonlinear mappings in Hilbert space. V. V. Baklan, A. D. Shatashvili. Dop. AN URSSR no. 9, 115-117 '65.

MEASURING INSTRUMENTS

Automatic measurement of values with minimal a priori information. R. D. Baglati. Avtometriya no. 1, 36-42 '65.

Balance measuring electric circuits and the elements of their general theory. K. M. Sobolevskiy. Avtometriya no. 2, 26-37 '65.

Calculating radioisotope devices taking into consideration instrument errors and statistical characteristics of the input signal. K. S. Klempner, I. M. Cherednichenko, N. N. Shumilovskiy. Avtometriya no. 2, 81-81 '65.

Construction of digital balance measuring instruments with variable structure. N. I. Gorelikov and others. Avtometriya no. 4, 75-80 '65.

Improving the control of the diameters of large shafts machined on lathes. A. S. Azarov, N. V. Nikitkov. Trudy LPI no. 250, 17-21 '65.

MEASURING INSTRUMENTS—TESTING

Tables of rated auxiliary values for testing dial devices using the U30° unit. V. V. Kadim. Izv. tekh. no. 8, 60-63 Ag '65.

MEASURING TAPES

Methods of standardizing thermistors used in determining the temperature of measuring tapes. G. N. Gushchik. Izv. TPI 118, 61-69 '63.

MEAT—PRESERVATION

Meat losses in cold-storage warehouses could be reduced. V. Ogurtsov. Sov. tovg., 38 no. 9, 50-52 S '65.

MEAT—TRANSPORTATION

Prospects for meat transportation. Divakov, Potomov. Veterinariya 42 no. 7, 101 Ji '65.

MEAT, FROZEN—TESTING

Determining the shrinkage of meat during freezing. I. G. Chumak, A. G. Zubaty, Khol. tekh. i tekh. no. 1, 116-123 '65.

MEAT INDUSTRY—EQUIPMENT AND SUPPLIES

Golbatov, V. M., A. N. Chicherina, and N. N. Vlasov. [System of planned preventive maintenance and repair of meat industry equipment] Sistema planovno-predupreditel'nogo remonta oborudovaniya miasnoi promyshlennosti. Izd. 2., per. i dop. Moskva, Pishchevala promyshlennosti, 1965. 82 p.

MEAT INDUSTRY—TECHNOLOGICAL INNOVATIONS

Mechanization and automation of production processes in the meat industry, conference. Inform. biul. VDMKH no. 10, 11 O '62.

MEAT INSPECTION

Inspecting imported unsalted dried goat's meat for anthrax. M. A. Romanovskaya. Veterinariya 41 no. 12, 70 D '64.

Methods and indicators of the reaction for periorbital I.S. Solov'ev. Veterinariya 41 no. 12, 73-75 D '64.

Trace element content of the meat of calves with white muscle disease. Kh. Z. Taghiyev. Veterinariya 41 no. 12, 75-78 D '64.

MECHANICAL DRAWING—AUDIO-VISUAL AIDS

Dynamic modelmaking as a means of developing the imagination. I. A. Vladimirov. Sred. shkol. i obr. 12 no. 9, 13 Ag '65.

MECHANICAL DRAWING—STUDY AND TEACHING

Exercises in reading mechanical drawings in the 7th grade. M. N. Mokerova. Shkola i prosv. 9 no. 9, 44-50 S '65.

Instruction in mechanical drawing. Wacław Torbus. Shkola i prosv. 9 no. 9, 39-43 S '65.

Let's pay more attention to mechanical drawing. N. I. Shalov. Shkola i prosv. 9 no. 9, 50-52 S '65.

MECHANICAL ENGINEERING

Artobolevskiy, S. I. [Theory of mechanisms and machines] Teoriya mekhanizmov i mashin. Izd. 2. Moskva, Vysshaya shkola, 1965. 367 p.

MECHANICAL ENGINEERING—STUDY AND TEACHING

More on methodological documentation for correspondence students. S. M. Bolinskii. Sred. shkol. obr. 12 no. 8, 26-28 Ag '65.

Problems of automation and a course on the theory of mechanical engineering. I. I. Artobolevskiy, S. N. Kozhevnikov. Vest. vyssh. shkoly 23 no. 9, 32-40 S '65.

Technological training of a specialist in mechanical engineering. F. A. Satei, M. A. Pilyavtina. Vest. vyssh. shkoly 23 no. 9, 10-15 S '65.

We are improving the methods of laboratory work. P. Fateev, P. Kudachin. Prof. i tekh. obr. 2, no. 9, 36-38 S '65.

MECHANICAL FANS see Fans, Mechanical

MECHANICAL MOVEMENTS

Reducing the advancing motion of a link along the trajectories of initial four-bar linkages. I. U. L. Sakkin. Mashinovedenie no. 5, 31-35 '65.

MECHANICAL WEAR

Certain involved metallographic problems in the study of metal wear. M. M. Khruashchov. Metalloved. i term. obrabot., no. 8, 17-19 Ag '65.

Changes in the wear intensity of parts depending on the dimension of a gap in coupling. F. N. Aydon'kin. Avt. prom. 31 no. 9, 11-16 S '65.

Classification of causes of the wear of rolling-contact bearings of mine car chutes. E. E. Novikov. Izv. DGI 11 pt. 2, 36-39 '62.

Concerning the service life of equipment. M. I. Rybakov. Sakh. prom., 39 no. 8, 18-21 Ag '65.

Effect of abrasive particles on the wear of slush pump parts. V. I. Rozhchupkin, O. I. Verzhilin. Mash. i neft. obrab., no. 8, 17-20 '65.

New device to measure the wear of the cutting edge of a die and the height of burrs on parts being cut. B. M. Malkin. Kur. shtam. prozv. 7 no. 8, 15-17 Ag '65.

Starting gate with a remote control system with quickly replaceable wearing parts. V. S. El'stratorov, L. P. Ruklov. Mash. i neft. obrab., no. 8, 33-34 '65.

Wear of thread guide materials by linen threads. V. M. Halysh, M. I. Khudykh. Izv. vyssh. ucheb. zav., tekh. tekst. prom., no. 4, 144-150 '65.

MECHANICAL WEAR—MEASUREMENT

Using a microscope in determining the wear of parts. D. M. Valkin. Mashinostroenie no. 5, 92-93 S-O '65.

MECHANICS

Applying the maximum principle to the simplest problems in mechanics. A. I. Lur'e. Trudy LPI 252, 34-36 '65.

Gromovskaya, N. S. [Physics textbook for students of the Preparatory Faculty; division, Mechanical] Posobie po fizike dlya studentov podgotovitel'nogo fakul'teta; izdatel' Mekhanika [Moskva] Izd-vo Mosk. univ., 1964. 74 p.

Inertial systems without stabilizers. Van Dan'-Chahli (Wang Tan-chih). Vest. Mosk. un. Ser. I. Mat., mekh. 20 no. 3, 77-83 My-Je '65.

Some peculiarities and regularities in the development of nonholonomic mechanics. B. N. Fadlin. Fiz. i mekh. 1 no. 9, 1-6 '65.

Some problems in the approximate computation of oscillations of linear systems of mass. B. I. Kishkov, V. N. Trudov. Izv. DGI 41 pt. 2, 15-18 '62.

MECHANICS—AUDIO-VISUAL AIDS

Homemade visual aids for mechanics. H. O. Khainals'kiy. Rad. shk., 44 no. 9, 87-91 S '65.

MECHANICS—PROBLEMS, EXERCISES, ETC.

Alzenberg, T. B., I. M. Voronkov, and V. M. Osetskiy. [Manual on the solution of problems in theoretical mechanics] Rukovodstvo k resheniyu zadach po teoreticheskoj mekhanike. Pod red. I. M. Voronkova. Izd. 5., per. i dop. Moskva, Vysshaya shkola, 1965. 418 p.

MECHANICS, ANALYTIC

Hamilton-Ostrogradskiy principle for systems with unilateral linkage. N. E. Savrakov. Fiz. i mat. i mekh. 20 no. 4, 738-741 Ji-Ag '65.

MECHANICS, CELESTIAL

Chelobarov, G. A. [Analytic and numerical methods in celestial mechanics] Analiticheskie i chislennyye metody nebesnoj mekhaniki. Moskva, Nauka, 1965. 300 p.

MECHANISM (PHILOSOPHY)

One mechanistic distortion of the fundamental law of dialectics. V. I. Kaerfontov. Vest. LGU 20 no. 17, 133-137 '65.

MECHANISMS

Kamenskii, V. A. [Kinostatics of plane mechanisms; manual for a course on the theory of machines and mechanisms] Kinostatika ploskikh mekhanizmov; uchebnoe posobie po kursu TM i M. Moskva, Mosk. in-t inzhenerov zhei-dor. transp., 1962. 61 p.

A problem in the dynamics of a mechanism with variable mass. V. O. Ezikashvili. Mashinovedenie no. 5, 41-47 '65.

Selecting the guiding link for a dynamic investigation of a mechanism. T. S. Zhegalova. Mashinovedenie no. 5, 36-40 '65.

Synthesis of a four-bar linkage with a guiding connecting rod according to a given motion law. V. A. Mamedov. Mashinovedenie no. 5, 22-30 '65.

MECHANISMS—VIBRATION

Flux of vibration energy as a criterion for the vibrating activity of a mechanism. M. D. Genkin, V. V. Iablonskii. *Mašinovedenie* no. 5 55-58 '65

MECHNIKOV, IL'IA IL'ICH, 1845-1916

I. I. Mechnikov's theories and their importance in pathological physiology. N. N. Sirotnin, Pat. fiziol. i eksp. terap. 9 no. 4 3-7. *Jl-Ag* '65.

Il'ia Il'ich Mechnikov, his 120th birth anniversary. V. I. Kalugin. *Veterinaria* 42 no. 7 110-111. *Jl* '65.

MEIOICAL AND PHARMACEUTICAL CHEMISTRY see Chemistry, Medical and pharmaceutical

MEDICAL BOTANY see Botany, Medical

MEDICAL CLIMATOLOGY see Climatology, Medical

MEDICAL ELECTRONICS

Electronic semi-automatic device for measuring the diameter of erythrocytes. S. I. Belshteyn, I. R. Evdokimov. *Lab. delo* no. 9 523-528 '65

MEDICAL ELECTRONICS—TECHNOLOGICAL INNOVATIONS

Babitski, E. B., and V. V. Parin, eds. [Achievements of modern technology in medicine] *Dostizheniya sovremennoi tekhniki v meditsine*. Moskva, Meditsina, 1965. 171 p. (DNLM)

MEDICAL EMERGENCIES—EXHIBITIONS

Call number '03.11 T Pomolova. Inform. bul. VDNKH no. 9 33-34. *S* '65

MEDICAL GEOGRAPHY see subdivision under Kazan Government

MEDICAL INSTRUMENTS AND APPARATUS

Mirror attachment to ultrahigh-frequency apparatus. B. V. Brand. *Vop. kur., floter i lech. fiz. kul't.* 30 no. 4 368. *Jl-Ag* '65

Rubber for the determination of relative deep doses and selection of conditions for irradiation by large focus skin distance γ -units. A. N. Kravtsov, N. Sh. Shagimardanov. *Med. rad.* 10 no. 7:83-86. *Jl* '65

MEDICAL JURISPRUDENCE

Belloid and bellaspion poisonings at home. E. Z. Bronshteyn, E. V. Loseva. *Sud.-med. eksp.* 8 no. 3:34-35. *Jl-S* '65.

Determination of some characteristics of a blade based on a cleaved lesion of a bone. E. G. Motovilov. *Sud.-med. eksp.* 8 no. 3:55-56. *Jl-S* '65.

Expert-evidence value of the impact impression in injuries from self-made weapons. M. V. Rozinov. *Sud.-med. eksp.* 8 no. 3:50-52. *Jl-S* '65

Mechanism of closed cardiac ruptures with an uninjured thoracic skeleton. A. A. Lukash. *Sud.-med. eksp.* 8 no. 3:52-54. *Jl-S* '65.

Methodology for the examination of liver mortis. S. N. Bakulev. *Sud.-med. eksp.* 8 no. 3:30-33. *Jl-S* '65.

Some characteristics of medico-legal expertise in mechanical injuries to the body. O. A. Zakharov, M. M. Rubinchik. *Sud.-med. eksp.* 8 no. 3:24-27. *Jl-S* '65.

MEDICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Automatic microburet for amperometric titration. I. L. Fol'b. *Lab. delo* no. 8 507-509 '65.

Modified device for obtaining ultrafiltrable fractions of calcium from the blood plasma. G. D. Zenkevich. *Lab. delo* no. 8 509-511 '65.

MEDICAL MOTION PICTURE PHOTOGRAPHY see Motion picture photography, Medical

MEDICAL RADIOLOGY see Radiology, Medical

MEDICAL RESEARCH see subdivision under Moscow

MEDICAL SCREENING see subdivision under Groznyy

MEDICAL SOCIETIES see subdivision under Kazan

MEDICAL STATISTICS

Some problems in the statistical evaluation of the mental health of the population. B. Dmitriev. *Zhur. nev. i psikh.* 65 no. 2:286-302 '65.

MEDICAL TESTS

Functional test in the detection of prehypertensive states. V. S. Volkov. *Sov. med.* 28 no. 8 3-8. *Ag* '65

Hair test of the corneal sensitivity in rheumatic fever. A. E. Kolmakova. *Sbor. nauch. trud. SOGMI* no. 14:183-189 '63.

Inhalation tests with bacterial allergens in bronchial asthma. N. M. Motuzka. *Trudy TSIU* 77:3-7 '65

MEDICAL THERMOMETERS AND THERMOMETRY see Thermometers and thermometry, Medical

MEDICATED BATHS see Baths, Medicated

MEDICINE

(see also subdivision under Ukraine)

Kogan, D. A. [Homeopathy and modern medicine] *Gomeopatiia i sovremennaya meditsina*. Moskva, Meditsina, 1964. 216 p.

MEDICINE—ABSTRACTS

Abstracts. *Sov. med.* 26 no. 9 142-147. *S* '65.

[Medical abstracts] *Med. ref. zhur.* sect. 3 vol. 9 no. 9. *S* '65. Sect. 5 vol. 9 no. 9. *S* '65. Sect. 9 vol. 9 no. 9. *Ag* '65. Sect. 10 vol. 9 no. 8. *Ag* '65. Sect. 11 vol. 9 no. 9. *S* '65.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—DICTIONARIES

[Large medical encyclopedia; indexes to the 2d edition in two volumes] *Dol'shaya meditsinskaya entsiklopediia, ukazatel' ko 2 izd. [v dvukh tomakh]*. Glav. red. A. N. Bakulev. Moskva, Sovetskaya Entsiklopediia. Vol. 1. [Subject (terminological) index] *Predmetnyi (terminologicheskii) ukazatel'*. 1965. 552 p.

MEDICINE—HANDBOOKS, MANUALS, ETC

[Calendar for the subprofessional medical worker for 1966] *Kalendar' srednego meditsinskogo rabotnika na 1966 god*. Pod obschei red. V. V. Kovanova. Moskva, Meditsina, 1965. 466 p. (DNLM)

MEDICINE—PHILOSOPHY

Causality in biology and medicine. V. F. Seizhanlov. *Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., Filos.* no. 6 82-98 '65

MEDICINE—STUDY AND TEACHING see subdivision under Moscow

MEDICINE, DOSIMETRIC

Calculation of nonuniformity in dosimetric substantiation of gamma therapy. A. V. Bibergal', T. G. Ratner. *Med. rad.* 10 no. 7:34-36. *Jl* '65.

MEDICINE, INDUSTRIAL

(see also subdivision under Moscow)

If we study the injuries. M. Bupontskii. *Okna truda i sots. strakh.* 8 no. 9 7-8. *S* '65

MEDITERRANEAN SEA—OCEAN CURRENTS

Formation of the abyssal water masses of the Mediterranean Sea. I. M. Ovchinnikov, E. A. Plakhin. *Okeanologiya* 5 no. 1:625-634 '65

MEDITERRANEAN SEA REGION—MILITARY BASES

The Mediterranean Sea, a knot of imperialist contradictions. *Mor. sbor.* 48 no. 10:74-78. *O* '65.

MEDULLA OBLONGATA

Semiotics of lesions of the inferior olive in the topical diagnosis of diseases of the medulla oblongata. B. R. Khudaidatov. *Zhur. nev. i psikh.* 65 no. 2:168-173 '65

MEDULLA OBLONGATA—DISEASES

Clinical aspects of syringomyelobulbia. N. I. Fysceev. *Sov. med.* 28 no. 8 57-60. *Ag* '65.

MELAMINE

Studying the tanning properties of the methylol derivatives of melamine. D. A. Kutsal', I. P. Strakhov. *Izv. vys. ucheb. zav. i tekhn. leg. prom.* no. 1:68-73 '65

MELANOMA

Possibility of applying 3-(3, 4-dihydroxyphenyl) alanine (DOPHA) as a mediator introducing radioisotopes into melanoma. V. M. Vdovenko and others. *Dokl. AN SSSR* 164 no. 1:95-98. *S* '65.

MELTING POINTS

Fusibility of the system Na, Tl|| NO₂, NO₃. P. I. Protosnyov, L. L. Gabitova. *Ukr. khim. zhur.* 31 no. 6 810-813 '65.

Melting point of potassium superoxide. T. P. Firsova and others. *Izv. AN SSSR, Ser. khim.* no. 9:1670-1679 '65.

Phase diagram of sulfur at high pressure. I. E. Paukov, E. I. U. Tonkov, D. S. Mirinskii. *Dokl. AN SSSR* 164 no. 3: 588-589. *S* '65.

Relationship between the activation energy of self-diffusion and the temperature of melting. B. N. Oshchein. *Zhur. fiz. khim.* 39 no. 8 1835-1836. *Ag* '65.

MEMBRANES (BIOLOGY)

Comparative characteristics of the submicroscopic structure of nuclear membranes in some cells. K. S. Abramian, V. N. Baingold'. *Izv. AN Arm. SSR, Biol. nauki* 18 no. 6:87-92. *Je* '65.

MEMBRANES (CHEMISTRY)

Studying the electrode functions of anion exchange membranes based on the EDC-10P resins. A. B. Gordievskii, E. L. Filippov. *Trudy MKHTI* no. 47: 170-183 '64.

Use of ion exchange membranes in the calcium form as indicator electrodes. A. V. Gordievskii, E. L. Filippov, M. N. Voronovskaya. *Trudy MKHTI* no. 47: 184-188 '64.

MEMBRANES (CHEMISTRY)—ELECTRIC PROPERTIES

Electrochemical properties of anion-exchange membranes with different structure of the ionogenic groups. Part I. Electroconductivity of membrane in solutions of hydrochloric acid and sodium chloride. I. A. Mironov, T. I. Rozhanovskaya. *Elektrokhimiia* 1 no. 8:916-921. *Ag* '65.

MEMORY

Disorders of memory in atherosclerosis of cerebral vessels. V. M. Blekher, A. A. Mintz. *Trudy Gos. nauch.-issl. inst. psikh.* 43:172-170 '65.

MEMORY—MODELS

Modeling some properties of memory. D. T. Golovant', A. N. Luk, V. S. Starina. *Priroda* 51 no. 9 15-16. *S* '65

MENDEL, GREGOR, 1822-1884

Centennial of Gregor Mendel. [Experimenta v khimii i biologii] B. L. Astanov. *Bul. MOIP, Otd. biol.* 70 no. 4:1-13. *Jl-Ag* '65

First account of G. Mendel's work in Russia by I. I. Shumil'gauzen. A. I. Gudimov. *Bul. MOIP, Otd. biol.* 70 no. 4:22-24. *Jl-Ag* '65.

Gregor Mendel, the founder of the science of heredity, centennial of the foundation of experimental genetics. G. G. Tinkov. *Veterinaria* 42 no. 7:112-113. *Jl* '65.

Mendel. N. V. Timofeev-Resovskii. *Bul. MOIP, Otd. biol.* 70 no. 4:14-21. *Jl-Ag* '65.

MENINGIOMA

Clinical and anatomical parallels in meningioma (in arachnoidoethelomas) of the brain. V. V. Vasilov, I. I. Nikitina. *Trudy OMI* no. 51:27-35 '61

MENINGITIS

Model of experimental meningitis in rabbits caused by streptococcal and staphylococcal forms. L. I. Kojalova, V. I. Pokrovskii, E. P. Gorshkova. *Vopr. AN SSSR* 30 no. 1:60-64 '65.

Some immunity indices in young children with purulent meningitis treated with massive penicillin therapy. N. I. Polovinskaya. *Trudy TSU* 70:25-30 '65

MENINGO-ENCEPHALOMYELITIS see Encephalomyelitis

MENSURATION

Zaidel', A. N. [Elementary evaluations of measurement errors] *Elementarye otsenki oshibok izmerenii*. Moskva, Nauka, 1965. 70 p.

MENSURATION—ABSTRACTS

[Measurement and measurement techniques] *Ref. zhur. i Metr. i izm. tekhn.* no. 6 8 '65.

MENTAL FATIGUE see Fatigue, Mental

MENTAL HYGIENE

Some problems in the statistical evaluation of the mental health of the population. B. Dmitriev. *Zhur. nev. i psikh.* 65 no. 2 286-302 '65.

MENTAL ILLNESS

Autosensitization to antibodies of the brain in schizophrenia and in a number of other mental diseases. K. N. Nazarov. *Probl. sud. psikh.* no. 13:30-41 '62.

Carbohydrate and phosphorus metabolism in reactive states. L. R. Miakina, N. A. Ivanov, N. M. Shmel'tsova. *Probl. obshchei i sud. psikh.* no. 14:214-245 '64.

Clinical and laboratory studies on patients with schizophrenia and other mental diseases manifesting fluctuating delirium. A. F. Moskvicheva. *Probl. sud. psikh.* no. 13: 120-135 '62.

Clinical electroencephalographic observations in schizophrenia and psychasthenia treated with atelazine. G. O. Zubairova, I. S. Stankevich. *Nauch. trudy Kaz. gos. med. inst.* 14:431-432 '61.

Clinical psychopathological analysis of a diagnostically complicated case. D. S. Mandusov, M. M. Rubinchik. *Trudy Gos. nauch.-issl. inst. psikh.* 43:159-166 '65.

Reserpine therapy in mental diseases. I. U. Nul'tz. *Trudy Gos. nauch.-issl. inst. psikh.* 42:70-83 '65.

Review of literature on the use of reserpine in psychiatry. I. U. Nul'tz. *Trudy Gos. nauch.-issl. inst. psikh.* 42:165-209 '65.

Some mechanisms of reactive stupor. G. V. Morozov. *Probl. obshchei i sud. psikh.* no. 11:222-226 '63.

Study of cortical and subcortical relations in reactive states by means of electrophysiological methods. A. M. Ivanitskii. *Probl. obshchei i sud. psikh.* no. 14:274-281 '63.

Study of the conditions for detecting antihuman antibodies in the blood serum of patients with neuropsychiatric diseases. N. I. Kuznetsova, N. N. Popova. *Probl. sud. psikh.* no. 13:10-20 '62.

MENTAL ILLNESS (Continued)

- Study of the vegetative nervous system in a group of chronic reactive states. K.A. Schemova, Probl. obshchei i sud. psikh. no. 11 257-266 '63.
- Study on the reticular formation of the brainstem in disorders of motor functions in chronic reactive states. I.P. Anokhina, Probl. obshchei i sud. psikh. no. 11 229-236 '63.
- Test for the presence of C-reactive protein in mental diseases. A.T. Filatov, Lab. delo no. 9:513-514 '65.
- Treatment of chronic reactive states. I.N. Bobrova, Probl. obshchei i sud. psikh. no. 11 214-221 '63.
- Vascular reactions in chronic reactive states. K.S. Ratner, Probl. obshchei i sud. psikh. no. 11 267-273 '63.

MENTAL ILLNESS—CLASSIFICATION

- International classification of mental diseases. B. Dmitriev, Zhur. nev. i psikh. 65 no. 9:1101-1104, '65.

MENTAL TESTS

- Approbation of the method "comparison of concepts" in a pediatric psychoneurological clinic. S.T. Khrantsova, Trudy Gos. nauch.-issl. inst. psikh. 13:220-228 '65.
- Methodology for experimental psychological examination of 2- to 5-year old oligophrenic children. M.G. Blumina, Trudy Gos. nauch.-issl. inst. psikh. 13:242-249 '65.
- New method for studying mental working capacity. N.B. Shakhmatova, Trudy Gos. nauch.-issl. inst. psikh. 43:250-259 '65.
- Role of experimental psychological study in the evaluation of disorders of thinking in children. E.S. Mandusova, Trudy Gos. nauch.-issl. inst. psikh. 43:260-268 '65.
- Study on the level of pretensions in oligophrenic children. L.V. Vikulova, Trudy Gos. nauch.-issl. inst. psikh. 43:183-189 '65.
- "Training experiment" as a method for psychological examination of children with anomalies of mental development. A.I.A. Ivanova, Trudy Gos. nauch.-issl. inst. psikh. 43:229-241 '65.

MENTALLY HANDICAPPED CHILDREN

- Characteristics of intellectual disorders in children with congenital myxedema. S.N. Zinchenko, Trudy TSU 78:71-76 '65.
- "Training experiment" as a method for psychological examination of children with anomalies of mental development. A.I.A. Ivanova, Trudy Gos. nauch.-issl. inst. psikh. 43:229-241 '65.

MENTALLY ILL CHILDREN

- Approbation of the method "comparison of concepts" in a pediatric psychoneurological clinic. S.T. Khrantsova, Trudy Gos. nauch.-issl. inst. psikh. 43:220-228 '65.
- Characteristics of the process of comparing visual objects in epileptic children. V.I. Peresypkin, Trudy Gos. nauch.-issl. inst. psikh. 43:189-197 '65.
- Methodology for experimental psychological examination of 2- to 5-year old oligophrenic children. M.G. Blumina, Trudy Gos. nauch.-issl. inst. psikh. 43:242-249 '65.
- Role of experimental psychological study in the evaluation of disorders of thinking in children. E.S. Mandusova, Trudy Gos. nauch.-issl. inst. psikh. 43:260-268 '65.
- Study on the level of pretensions in oligophrenic children. L.V. Vikulova, Trudy Gos. nauch.-issl. inst. psikh. 43:183-189 '65.

MENZELINSK (TATAR A.S.S.R.)—TEETH—DISEASES

- Materials on the plotting of a geographical map of caries in the Tatar A.S.S.R.; distribution of dental caries among the children of Kukmor and Menzelinsk. V.A. Ivalina, Nauch. trudy Kaz. gos. med. inst. 14:31-33 '64.

MERCAPTANS see Thioles

MERCAPTO COMPOUNDS

- Radionprotective effectiveness of endogenous sulfhydryl compounds. E.I.A. Gruevskii, I.V. Nekrasova, A.G. Tarasenko, Dokl. AN SSSR 164 no. 3:664-665 S '65.

MERCAPTO GROUP

- Nature of thiol compounds demonstrated by histochemical methods. L.M. Gershtein, I.V. Tsvetkova, TSitologiya 6 no. 3:366-369 My-Je '64.
- Sulfhydryl group content in the liver of rabbits with fascioliasis. V.S. Geyondian, Izv. AN Arm. SSR. Biol. nauki 18 no. 8:669-74 Ag '65.

MERCHANT MARINE

- (see also subdivision under Baltic Sea region; Black Sea)

- Awards for the deserving. V. Letunov, Mor. flot 24 no. 8:33 Ag '64.
- Improve the technical operation of the fleet. Mor. flot 25 no. 9:1-2 S '65.
- Increase the incentive for the completion of shipping assignments. N. Borchuk, Mor. flot 24 no. 8:13 Ag '64.

- Possibilities of additional saving. V. Pruslov, I. Gavi-lov, Mor. flot 24 no. 8:14 Ag '64.
- A ship's passage and factors determining it. O. Zykova, Mor. flot 25 no. 9:34-37 S '65.

MERCHANT MARINE—CONGRESSES

- Conference on the promotion of international services of the merchant marine. S. Smirnov, Mor. flot 25 no. 9:43-41 S '65.

MERCHANT MARINE—COST OF OPERATION

- Method of determining the cost of shipping in ore by sea. G. Levikov, Mor. flot 25 no. 9:12-43 S '65.

MERCHANT MARINE—MANAGEMENT

- Appraise properly the crew's work. A. Mar'enko, Mor. flot 25 no. 9:15 S '65.

MERCHANT MARINE—PASSENGER TRAFFIC see subdivision under Black Sea

MERCHANT SEAMEN

- Criminal inquiry on sea vessels. N. Aleksandrov, V. Meshchak, Sots. zakon. 42 no. 8:43-47 Ag '65.

MERCURY—SPECTRA

- Experimental study of the diffusion of resonance radiation in mercury vapors. G.R. Tkachuk, Zhur. prikl. spekt. 3 no. 1:20-25 Ji '65.
- Quantitative spectral determination of the abundance ratio of mercury in rocks and minerals. N.V. Yanauskov, [Trudy] Inst. geol. i geofiz. Sib. otd. AN SSSR no. 32:11-45 '65.

MERCURY, EFFECT OF TEMPERATURE ON

- Temperature dependence of the thermal and caloric parameters of mercury. G.A. Mukhachev, V.A. Borodin, I.U.A. Poshonin, Zhur. fiz. khim. '65 no. 11:2033-2036 Ag '65.

MERCURY—ARC RECTIFIERS

- Control of gas separation in the formation of high-voltage rectifiers. D.D. Aleksandrov, S.V. Pitayev, Izv. NIPT no. 1:67-73 '57.
- Development of inverse firing in mercury rectifiers with anodes from different metals. L.A. Sena, R.M. Fridland, Izv. NIPT no. 2:22-31 '57.
- Direct disruptions and inverse firing in the RMV-250X 6VIII mercury-arc rectifier. I.A. V. Ivanov, V.I. Soroka, Elektrotehnika 36 no. 5:53-54 S '65.
- Measurement of gas pressure in apparatus with mercury. D.D. Aleksandrov, S.V. Pitayev, Izv. NIPT no. 1:60-66 '57.
- Quenching of a cathode spot by residual plasma. L.A. Sena, Izv. NIPT no. 2:32-10 '57.
- Study of the quenching of the pilot arc of a high-voltage mercury-arc rectifier. L.A. Sena, I.P. Panov, Izv. NIPT no. 1:39-59 '57.

MERCURY—ARC RECTIFIERS—TESTING

- Conditions of high-voltage treatment and testing of mercury-arc rectifiers. V.A. Dolgikh, Izv. NIPT no. 2:11-53 '57.
- Systems for high-voltage treatment and testing of mercury rectifiers. N.I. Lavirov, Izv. NIPT no. 2:54-33 '57.

MERCURY-CADMIUM ALLOYS see Cadmium-mercury alloys

MERCURY ORES

- Possibility of using neutron methods for the quantitative determination of mercury in natural occurrences. E.V. Dgorov, Vop. vul. geofiz. no. 6:117-274 '65.

MERCURY—THALLIUM ALLOYS

- Hall effect in liquid alloys of the system Hg - Tl. A.A. Andreev, A.R. Regol', Fiz. tvor. tela 7 no. 8:2567-2569 Ag '65.

MERINO SHEEP see subdivision under Azerbaijan; Kazakhstan

MEROMORPHIC FUNCTIONS see Functions, Meromorphic

MESENCHYME

- Dynamics of mesenchymal cellular reaction in the development of a transplanted ascitic Ehrlich's carcinoma in white mice. K.S. Dyl'bakov, Trudy OMI no. 54:179-189 '64.

MESENTERIC ARTERY—LIGATION

- Method of producing experimental thrombosis of the mesenteric vessels. N.I. Artemkina, Pat. fiziol. i eksp. terap. 0 no. 3:79 My-Je '65.

MESENTERY—INNERVATION

- Afferent innervation of the arterial wall and vegetative ganglia of the mesentery of the small intestine. A.G. Korotkov, Nauch. trudy Kaz. gos. med. inst. 14:200-211 '64.

MESONS

- Absorption of stopped π^+ -mesons by carbon nuclei. P.I. Fedotov, IAD, fiz. 2 no. 3:468-470 S '65.

- Angular and energy distributions of μ -mesons generated by neutrinos in the soil. V.A. Fuz'min, R.V. Usanova, Izv. AN SSSR, Ser. fiz. 29 no. 9:1710-1750 S '65.

- Asymmetry of neutrons in the $\{\mu^+, n\}$ reaction on nuclei with various spins under the action of muons in cosmic rays. I.B. Bobodzhonov and others, Izv. AN SSSR, Ser. fiz. 29 no. 9:1772-1773 S '65.

- Degeneration on a barion charge in a quartet model with charge-parity mesons. L.R. Okun', IAD, fiz. 2 no. 3:382 S '65.

- Distribution of "small" ionization bursts caused by high-energy μ -mesons under a thick layer of matter. N.M. Gerasimova, Izv. AN SSSR, Ser. fiz. 29 no. 9:1761-1756 S '65.

- Energy losses by superrelativistic μ -mesons in electromagnetic interactions. A.D. Il'ykin, Izv. AN SSSR, Ser. fiz. 29 no. 9:1757-1760 S '65.

- Fluctuations in the spatial distribution of μ -mesons in extensive air showers. V.A. Agladinov and others, Izv. AN SSSR, Ser. fiz. 29 no. 9:1696-1699 S '65.

- Horizontal μ -meson flux with energies exceeding 700 Bev. F.R. Arutunian, K.A. Japarian, A.G. Oganesian, Izv. AN SSSR, Ser. fiz. 29 no. 9:1769-1771 S '65.

- Muon generation in the atmosphere as dependent on a positive excess of energy. L.V. Volkova, G.T. Zaitseva, Izv. AN SSSR, Ser. fiz. 29 no. 9:1765-1766 S '65.

- On certain mass formulas in a quartet model. I.A. Azimov and others, IAD, fiz. 2 no. 3:563-564 S '65.

- Phenomenological picture of the generation of secondary particles in nuclear interactions at energies of hundreds and thousands of Bev. N.A. Dolin and others, Izv. AN SSSR, Ser. fiz. 29 no. 9:1677-1678 S '65.

- Polarization of μ -mesons in cosmic rays at an altitude of 3800 meters above sea level. L.L. Kashkarov and others, Izv. AN SSSR, Ser. fiz. 29 no. 9:1761-1761 S '65.

- Production of slow π -mesons on light nuclei, and $\pi\pi$ -interactions. G.S. Veselovskii and others, IAD, fiz. 2 no. 3:496-500 S '65.

- Structure of the central region of a muon shower at a depth of 10 meters w.e. S.N. Vernov, R.A. Khudov, G.B. Khr. Ilangen, Izv. AN SSSR, Ser. fiz. 29 no. 9:1682-1685 S '65.

MESONS—DECAY

- Degree of nonconservation of parity in Θ - and τ -decays. L.G. Tkachev, Izv. vys. shch. zav. fiz. 8 no. 3:158-159 '65.
- Electromagnetic decays and the splitting of masses of vector mesons in unitary symmetry. Dao Vong Dyk, Nguyen Van Khieu, IAD, fiz. 2 no. 3:529-532 S '65.
- K_S^0 -meson decay. M. Anikina and others, IAD, fiz. 2 no. 3:471-481 S '65.
- The SU(6) symmetry group and the relativistic generalization of the SU(6) symmetry group. Nguyen Van Khieu, IAD, fiz. 2 no. 3:517-528 S '65.

MESONS—SCATTERING

- Permissible rate of decrease of the forward scattering amplitude at high energies. R.Vit. Zhur. eksp. i teor. fiz. 49 no. 2:513-511 Ag '65.
- Production of slow π^+ -mesons in the interaction between π -Bev, pions and photoemission nuclei. S.A. Azimov and others, Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 9 no. 1:59-62 '65.
- Regge behavior of the scattering amplitude in quantum electrodynamics with a heavy photon. V.G. Serbo, G.V. Frolov, Vest. LGU 20 no. 16:36-40 '65.

METABOLISM

- Akademiya nauk SSSR, Institut fiziologii, [Metabolism and the productivity of farm animals] Obmen veshchestv i produktivnost' sel'skokhozyaistvennykh zhivotnykh. Moskva, Nauka, 1965, 125 p (DNAL).

- Cell-free fixation of nitrogen. A.A. Imshenetskiy, Usp. mikrobiol. 1:61-71 '61.

- Characteristics of digestion and metabolism in young cattle fed various quantities of milk. N.I. Klebanov, Trudy VIZH 27:70-79 '65.

- Data on biochemical studies on the administration of parantoxyphenyl ester of dibutylphosphinic acid to experimental animals. V.P. Anshimova and others, Nauch. trudy Kaz. gos. med. inst. 14:77-78 '61.

- Effect of olivomycin on the nucleic, amino acid and energy metabolism. N.E. Glushakova, G.L. Tarasovich, Antibiotiki 10 no. 9:801-808 S '65.

- Effect of radioactive isotopes on the metabolism of microorganisms. I.S. Nagobina, Nauch. trudy Kaz. gos. med. inst. 14:245-246 '64.

- Murdashov, S.R. [Some problems in the regulation of metabolism and natural polymers] Nekotoryye problemy regulatsii obmena veshchestv i prirodye polimery. Moskva, Meditsina, 1965, 82 p.

- Participation of γ -aminobutyric acid in the metabolism of glutamic and aspartic acids, alanine and glutamine and in neutralization of ammonia in the brain tissue. I.U. M. Damin and others, Vop. biokhim. moz. 1:15-59 '65.

- Somatotropic hormone of the hypophysis and the metabolism. S.M. Leites, Sovr. vop. endok. no. 2:90-114 '63.

METABOLISM, DISORDERS OF

Alimentary factor in the prevention of cardiovascular diseases. A. A. Pokrovskii, E. G. Puzimonov, I. U. M. Nemanova. Vses. MN SSSR. 20 no. C 24-30 '65.

METAL BONDING

Shear testing by torsion of acid etched and welded spot joints. A. A. Litovitch. Svar. proizv. no. 9, 35-36 S '65.

METAL CASTINGS

Manufacture of cast connecting rods abroad. I. A. Vasil'ev. Lit. proizv. no. 3, 18, 3 of cover, Mr '64.

METAL CASTINGS—CLEANING

Shot blasting chamber. S. F. Korostel'ev, I. A. Nesnolian. Lit. proizv. no. 3, 11-14 Mr '65.

METAL CLADDING

Astrov, E. I. [Clad multilayer metals] Plakirovannyye mnogosloynnye metalli. Moskva, Metallurgiya, 1965, 239 p.

Protection of metals from the effect of hydrogen. I. U. I. Archutov. Zashch. met. 1 no. 5, 587-590 S-O '65.

METAL CLEANING

Separation of dust from grit and shot. D. A. Rogovin, T. V. Stepanenko. Lit. proizv. no. 3, 39-10 Mr '64.

METAL CRYSTALS

Surface energy of single crystals of the Fe - 3% alloy. I. U. S. Avraamov, A. G. Gvozdev, B. G. Livshits. Izv. vys. ucheb. zav., Chern. met. 8 no. 9, 142-145 '65.

METAL CRYSTALS—ELECTRIC PROPERTIES

Certain properties of tensors determining the characteristics of propagation and absorption of ultrasonic waves in metals in a strong magnetic field. K. B. Vlasov, B. N. Filippov. Fiz. met. i metallov. 20 no. 2, 173-178 Ag '65.

METAL CRYSTALS—GROWTH

Investigating the temperature field of molten germanium and preparing crystals of prescribed size with a uniform distribution of impurities over their cross section. V. N. Chukhanchuk. Svar. AN Gruz. SSR. 38 no. 2, 383-390 My '65.

Preferred growth orientation of crystals with a cubic lattice. V. O. Esin. Fiz. met. i metallov. 20 no. 2, 225-230 Ag '65.

Statistical analysis of the direction of preferred growth of single crystals of molybdenum obtained by electron beam noncrucible zone recrystallization. A. I. Pekarev, I. U. D. Chistakov, G. N. Shechenko. Izv. vys. ucheb. zav., Tsvet. met. 8 no. 3, 65-72 '65.

METAL CUTTING

Analyzing the processes of metal deformation caused by cutting tools. I. U. A. Alkhusin. Mashinovedenie no. 5, 83-88 '65.

Effect of the stressed state diagram on the metal quality in metal cutting. I. U. I. Khudik, V. I. Khudik. Kuz. - stam. proizv. 7 no. 8, 42 Ag '65.

Heavy-feed machining of titanium. B. I. A. Boilev, V. V. Petrylin. Mashinostroenie no. 5, 35 S-O '65.

Intensity of stressed and strained state caused by metal cutting. L. S. Murashkin. Trudy LPI no. 250, 5-10 '65.

Machining G13L steel with cutting tools sharpened by diamond wheels. I. U. P. Zimin, V. I. Malevanyy, Sten. i instr. 36 no. 8, 26 Ag '65.

Russia (1917-1918). R. S. F. S. R. [Volgo-Vialskii ekonomicheskii administrativnyi raion. Sovet narodnogo khozaistva. [Cutting high-strength and stainless steels, heat resistant and titanium alloys; materials of the interfacial school of progressive practices] Otkrytiye rezantov vysokoprochnykh i nerzhavayushchikh staley, zharoprochnykh i titanovykh sployov, materialy mezhzavodskoi shkoly peredovogo opyta. Gor'kii, TSentr. biuro tekhn. informatsii, 1964, 75 p. [MICROFILM]

Selecting tools and cutting conditions for machining antifriction ceramic-metal materials. G. L. Khaet, L. M. Korkh. Mashinostroenie no. 5, 35-37 S-O '65.

Stressed and strained state of metal caused by the feed of the cutting tool. A. P. Boreiko. Trudy LPI no. 250, 83-85 '65.

METAL CUTTING—ELECTRIC PROPERTIES

Effect of electric current on the metal-cutting process. I. U. M. Korobov. Trudy LPI no. 250, 85-88 '65.

METAL CUTTING, ELECTRIC see Electric metal cutting

METAL—CUTTING TOOLS

Created by the efficiency promoters of Leningrad. A. Stroganov. Okhr. truda i sots. strakh. 8 no. 9, 20-22 S '65.

Durability of cutters in cutting porous ceramic metal materials. A. I. Artamonov, A. I. Bezukornov. Porosh. met. 5 no. 8, 108-111 Ag '65.

End milling cutters with a mechanical fastening of hard-alloy plates. K. G. Gramakov. Sten. i instr. 38 no. 8, 22-23 Ag '65.

Measuring the surface temperature of a cutter at speeds of 1 - 800 meters per second. G. D. Polosatkin, S. A. Gribovanov. L. v. vys. ucheb. zav., fiz. 8 no. 3, 173-174 '65.

METAL DRAWING see Drawing (Metalwork)

METAL INDUSTRIES see subdivision under Ural Mountain region

METAL IONS

Effect of certain metals on the reduction of trivalent arsenic with cadmium amalgam. M. T. Kozlovskii, N. A. Dragavtseva, S. P. Bukhman. Izv. AN Kazakh. SSR. Sei. khim. nauk 15 no. 2, 3-7 Ap-Je '65.

METAL POWDER PRODUCTS

Effect of the graphite content on the antifriction properties of metal-graphite materials. L. I. Pugina, I. M. Federchenko, N. E. Ponomarenko. Porosh. met. 5 no. 9, 53-58 S '65.

Manufacturing electrodes by powder rolling. O. A. Knatus, G. V. Vinogradov. Porosh. met. 5 no. 8, 28-31 S '65.

Preparing an electrode ribbon from cadmium oxide by rolling powder composition materials between rollers. I. U. M. Pozin and others. Porosh. met. 5 no. 8, 103-107 Ag '65.

Problem of determining the filling coefficient of a powder wire. B. D. Luchev, Svar. proizv. no. 9, 32 S '65.

METAL POWDER PRODUCTS—TESTING

Achieving strength equilibrium during sintering and estimating the degree of equilibrium of the properties of sintered porous materials. M. I. Balshin, A. A. Trofimova. Porosh. met. 5 no. 8, 40-44 Ag '65.

Investigating the mechanism of the deformation and fracture of porous iron. A. I. A. Krasovskii. Porosh. met. 5 no. 8, 74-81 Ag '65.

METAL POWDERS

Investigating the compressibility of metal powders of various dispersity. V. K. Sorokin. Porosh. met. 5 no. 8, 6-11 Ag '65.

Investigating the interaction of titanium powder with hydrogen sulfide. G. N. Dubrovskaya. Porosh. met. 5 no. 9, 6-8 S '65.

METAL POWDERS—OPTICAL PROPERTIES

Determining the state of metal powder surfaces by the scattering of light. A. I. Raichenko. Porosh. met. 5 no. 9, 60-75 S '65.

METAL POWDERS—TESTING

Developing standard methods for testing the compactibility of iron powders. I. D. Radomyoskii, R. Z. Vlasuk. Porosh. met. 5 no. 9, 22-27 S '65.

Rapid method of determining the dispersion of metal powders. V. M. Chigorin and others. Porosh. met. 5 no. 9, 83-88 S '65.

METAL SPRAYING

Diffusion metallization of graphite powders. G. V. Zemaev, A. I. Shestakov. Porosh. met. 5 no. 9, 1-5 S '65.

Formation of the stream of spraying materials in applying coatings with an enclosed arc. A. V. Petrov, A. I. Morozov. Svar. proizv. no. 9, 5-7 S '65.

METALLIC FILMS

Device for preparing film specimens. V. V. Livanov. Zav. lab. 31 no. 8, 1027 '65.

Preparation of semiconducting films of PbTe by the method of specimens of variable composition. L. S. Palatnik, V. K. Sorokin. Izv. vys. ucheb. zav., fiz. 8 no. 3, 48-52 '65.

Regularities in the cracking of the oxide film on aluminum in high-temperature oxidation. I. U. D. Chistakov, A. I. U. Mendelovich. Izv. vys. ucheb. zav.; Tsvet. met. 8 no. 3, 127-130 '65.

METALLIC FILMS—TESTING

X-ray study of the defects of packing in cobalt condensation films. L. S. Palatnik and others. Fiz. met. i metallov. 20 no. 2, 260-267 Ag '65.

METALLIC ORGANIC COMPOUNDS see Organometallic compounds

METALLIC OXIDES

Distribution of promoters in iron catalysts for ammonia synthesis. S. Kh. Egebaev and others. Kin. i kat. 6 no. 4, 754-757 Ji-Ag '65.

Oxidation of carbon monoxide on titanium dioxide and its solid solutions with tungsten and iron oxides. I. L. Mikhailova, I. S. Sazonova, N. P. Koler. Kin. i kat. 6 no. 4, 704-709 Ji-Ag '65.

Solubility of metal oxides in molten borax. I. U. K. Dolimarskii, G. D. Nazarenko. Ukr. khim. zhur. 31 no. 8, 813-817 '65.

Structure, conductance, and the type of conduction in the ternary system (O, 76CeO₁ - O, 26ZrO₂) - CaO. Z. S. Volchenko, V. N. Strelakovsky, S. F. Pal'guev. Izv. AN SSSR. Neorg. mat. 1 no. 7, 1171-1176 Ji '65.

Study of some oxide systems by means of high-temperature plant for the simultaneous measurement of electric resistance and the X-ray diffraction analysis of samples. A. P. Bessonov, V. M. Ushakov. Zhur. fiz. khim. 39 no. 8, 1932-1937 Ag '65.

Subsolidus structure of the four-component systems MgO - CaO₂ - Al₂O₃ - SiO₂, MgO - CaO₂ - Al₂O₃ - TiO₂, and MgO - CaO₂ - Al₂O₃ - ZrO₂. A. A. Bessonov, N. V. Gid'ko. Dokl. AN SSSR. 161 no. 2, 111-116 S '65.

Thermodynamics of the reduction of oxides by molten hydride in an alkaline melt. N. V. Bogdanov. Izv. AN SSSR. Ukr. khim. zhur. 31 no. 8, 791-798 '65.

Use of oxide catalysts on carriers for the purification of exhaust gases by removing carbon monoxide and hydrocarbons. D. V. Sokol'skii and others. Trudy Inst. khim. nauk AN Kazakh. SSR. 14, 171-201 '65.

METALLIC OXIDES—ADSORPTIVE PROPERTIES

Effect of illumination on the adsorptive capacity of certain oxides. L. I. Vinnov, I. P. Solonitsyn, A. I. Krasnin. Dokl. AN SSSR. 164 no. 1, 122-123 S '65.

METALLIC OXIDES—THERMODYNAMICS

Thermodynamic calculation of reactions in solid phase between oxides of elements of group II and IV of the periodic table. V. B. Glushkova, E. N. Burdakov. Izv. AN SSSR. Neorg. mat. 1 no. 7, 111-115 Ji '65.

METALLIC SOAPS

Colloidal and chemical characteristics and microstructure of lithium lubricating greases. G. G. Zhebrakov, A. A. Trapeznikov, I. I. Astakhov. Khim. i tekhn. masel. 10 no. 8, 48-55 Ag '65.

METALLOGRAPHY

Akademiya nauk URSR, Kiev. [Phase transformations in metals and alloys] Fazovyye prevrashcheniya v metallakh i sployakh. [Kiev, Naukova dumka, 1965] 174 p. (Respublikanskiy mezhvedomstvennyy sbornik, seriya "Metallofizika")

Anilkain, P. A. [Metallography] Metallovedeniye. Moskva, Metallurgiya, 1965, 200 p.

Development of an axial texture in metals with a face-centered cubic lattice. I. P. Tabankevich, L. S. Aleksandrov. Fiz. met. i metallov. 20 no. 2, 20-24 Ag '65.

Livshits, B. G., ed. [Metallographic laboratory] Laboratoriya metallografi. [By] B. V. Panchuk. 1 dr. 2, izd., 1 spr. i dop. Moskva, Metallurgiya, 1964, 430 p.

New developments in research. P. A. Metall and others. Stal' 25 no. 9, 855-5 '65.

Structural changes in metals under the effect of alternating plastic deformation. B. P. Kostukova, I. M. Rovinskii, L. M. Rybkova. Fiz. met. i metallov. 20 no. 2, 271-279 Ag '65.

METALLURGICAL CHEMISTRY see Chemistry, Metallurgical

METALLURGICAL ANALYSIS

Control of the tin content in ores and on discharge products by applying the Mosbauer effect. V. A. Babitskaya, N. S. Akhmedov. Izv. vys. ucheb. zav., Tsvet. met. 158-163 '65.

METALLURGICAL FURNACES—COOLING

S. M. Andonov's invention entered the gold fund of world metallurgy. Izob. i ratn. no. 8, 28-29 '65.

METALLURGICAL FURNACES—DESIGN AND CONSTRUCTION

Comparing the performance of air distributing nozzles in fluidized bed furnaces. I. U. V. Alekseev. Tsvet. met. 30 no. 8, 16-26 Ag '65.

Hydrodynamics of a melt in a cyclone-type furnace with a settling tank. I. U. V. Trofankin, V. I. Kolyanov, I. I. Pustoshilo. Tsvet. met. 30 no. 8, 42-49 Ag '65.

METALLURGICAL FURNACES—EQUIPMENT AND SUPPLIES

Automation of metal pouring. Sh. Sh. Beklauranov, V. I. Sergeev. Izv. vys. ucheb. zav., khim. met. 8 no. 9, 37-38 '65.

METALLURGICAL FURNACES—MAINTENANCE AND REPAIR

Material for assembling runner bricks. A. M. Cherkashin, V. I. A. Skovorodina. Metallurg. 10 no. 6, 21 '65.

METALLURGICAL LABORATORIES

Livshits, B. G., ed. [Metallographic laboratory] Laboratoriya metallografi. [By] B. V. Panchuk. 1 dr. 2, izd., 1 spr. i dop. Moskva, Metallurgiya, 1964, 430 p.

METALLURGICAL PLANTS

Means for increasing labor productivity in the power engineering departments of metallurgical plants. K. P. Klimenko and others. Prom. energ. 20 no. 8, 11-14 '65.

METALLURGICAL PLANTS (Continued)

Organization of the work of the rail and transportation departments in metallurgical plants V A Mnenko, B A Dorfman, Zhel dor transp 47 no 9-11-86 S '65

METALLURGICAL RESEARCH see subdivision under Czechoslovakia

METALLURGY see subdivision under India

METALLURGY—ABSTRACTS

[Metallurgy] Ref zhur.: Met. no 9 S '65.

METALLURGY—MATHEMATICAL MODELS

Mathematical model of the process of metal reduction by carbonaceous fuel from liquid slag. D I Lisovsky, V M Tashchakova. Izv.vys.ucheb.zav.; tevt met 8 no.4 151-162 '65.

METALS

Improving metal structures for industrial buildings. O Shumitskii. Prom.stroitel'noy. 7 no.4 1-6 Ji-Ag '65.

Relation between the wear resistance and adhesion of nylon coatings under the conditions of the various methods of their application on the metallic surface. V N Kostel'man and others. Plast.massy no.8 50-61 '65. Using the infrared spectroscopy method for the study of the catalytic effect of metals on the reaction of formation of polyurethanes A A Blagovozova and others. Lokomotiv, mat. i tekhn. 40 no.4 1-4 '65

METALS—ETCHING

Relation between the potential of scale-coated steel and the decrease in weight of the sample in acid etching Part 2 Behavior of steel during cathodic and anodic polarization A S Afanas'ev, G M Khvedchenia. Ukr.khim.zh. 31 no.8 856-883 '65

METALS—FATIGUE

Annual report of Commission XIII "Fatigue testing" given at the Congress in Helsinki (Finland) in July, 1963. G A Masanova, Svar, proizv. no.3-36-37 M '64.

METALS—FRACTURE

Connection between hardenability and tendency toward crack formation. E I Malinkina. Metalloved.i term. obr.met. no.8:53-55 Ag '65.

METALS—HARDENING

Calculating strain hardening and the temperature field during extrusion. G I A Gun and others. Izv.vys.ucheb.zav.; tevt met. 8 no.4:134-139 '65. Connection between hardenability and tendency toward crack formation. E I Malinkina. Metalloved.i term. obr.met. no.8:53-55 Ag '65.

METALS—HEAT TREATMENT

Babai, G. I. [Induction heating of metals and its industrial applications] Induktsonnyi nagrev metallov i ego promyshlennoe primeneniye. Izd.2., perer.i dop. Moskva, Energiya, 1965. 551 p.

Change in the properties of beryllium due to aging. V M Azhazha and others. Atom.energ. 10 no.3:260-272 S '65. New developments in research. P A Mytsk and others. Stal' 25 no.9:955 S '65

METALS—PICKLING

Determination of the acidity of pickle baths in the presence of iron. K I Kupershtok, Kh.D. Perka, L G Brilova. Zav.lab. 31 no.8:947 '65. Using the EKH-2 corrosion inhibitor in pickling steel articles. N G Chen and others. Mashinostroenie no.5:82-83 S-O '65.

METALS—PLASTIC PROPERTIES

Criteria of the plasticity of metal. M A Zalkov, V N Petrat'ko. Izv.vys.ucheb.zav.; Chern.met. 8 no.10 90-93 '65. Pressure working of hard-to-work metals and alloys. I U Shukhov. Kuz.-shitam proizv. 7 no.8:40-3 of cover. Ag '65.

METALS—STATISTICS

Methods of determining the volume and the composition of the U.S.S.R. metal stock by Union Republics and economic regions. L L Zisman and others. Sbor.trud. TSNUCHIM no.45:57-67 '65.

METALS—TESTING

Apparatus for measuring the metal-slag interphase tension at high temperatures. B S Lomborg and others. Zav.lab. 31 no.8:1020-1021 '65. Tubes for X-ray spectral analysis of deflection in metals and alloys. A M Zherdev, B I A Petrenko. Zav.lab. 31 no.8:1020 '65.

METALS—THERMAL PROPERTIES

Nomograph for determining the optimal speed of gas electric metal cutting. V I A Zusin. Svar, proizv. no.12:33-34 D '63.

METALS—WELDING

Role of dislocation in the process of formation of a compound by pressure welding with heating of a metal with semiconductor. I U L Kravulin, V D Ivanov, L M Kruglov. Izv.AN SSSR Neorg.mat. 1 no.7 1080-1097 Ji '65.

METALS, EFFECT OF TEMPERATURE ON

Effect of temperature and composition on the electric conductivity of β - and γ -phases in the system tantalum-carbon. Fiz.met.i metalloved. 20 no.2:213-230 Ag '65.

Effect of the cooling rate on the properties of the austenite-ferite metal of the weld. K M Ivanov, Svar, proizv. no.12 7-8 D '63.

Electrolytic hydrogen absorption by steel Part 2 Effect of temperature I I Rozenfeld, D M Kramarenko, E N Lantseva. Zashch.met. 1 no.5 473-176 S-O '65.

Temperature-time dependence of aluminum strength under the effect of static and cyclic loading. A M Leksovskii, V R Rogel'. Fiz.met.i metalloved. 20 no.2:208-222 Ag '65.

METALS, RARE AND MINOR

[see also subdivision under Karelia, Kola Peninsula]

Vanyshyn, M. M., A. P. Zaitseva, and V. P. Kula. [Accessory rare minerals and dispersed elements in metamorphic rocks of the Ukrainian crystalline shield] Aktsessorni riskidni mineraly ta rozslani elementy v metamorfichnykh porodakh ukrains'koho krystallicheskoho shchitya. Kyiv, Naukova dumka, 1965. 69 p.

Leaching of rare elements from sulfide ores under the influence of bacteria. N N Lialikova, M F Kulikova. Dokl.AN SSSR 164 no.3:674-676 S '65.

METALS AT HIGH TEMPERATURES

Effect of aluminum on the contamination by nonmetallic inclusions, the plasticity at high temperatures, and the mechanical properties of steel V I Vorozhzhichyev, P V Ioshin, V N Maslova. Stal' 25 no.9:852-851 S '65

Effect of cerium additions on the plasticity of nickel and its alloys at high temperatures. G M Volkogon, L L Rogel'berg. TSvet.met. 38 no.8:72-75 Ag '65. Investigating the oxidation of nickel-silicon-aluminum alloys at high temperatures. I S Gildengorn, I I Rogel'berg. Fiz.met.i metalloved. 20 no.2 231-233 Ag '65.

METALS AT LOW TEMPERATURES

Properties of weld joints in OKh21N5T and OKh21N6M21 stainless steel at low temperatures. N M Kozlov, A P Riukhovskaya. Svar, proizv. no.9:21-24 S '65

METALWORK

Babai, G. I. [Induction heating of metals and its industrial applications] Induktsonnyi nagrev metallov i ego promyshlennoe primeneniye. Izd.2., perer.i dop. Moskva, Energiya, 1965. 551 p.

Changes in the design of collars I V Zanis Kuz.-shitam proizv. 7 no.8:13 Ag '65

METALWORKERS see subdivision under Leningrad

METALWORKERS—DISEASES AND HYGIENE

For a further improvement of the working conditions of metalworkers. M M Zin'kovskii. Metallurg 10 no.D. 40 S '65

METALWORKING LUBRICANTS

Efficiency of using cooling lubricants in machining heat-resistant alloy. P V Timofeev. Mashinostroenie no.5 33-35 S-O '65. Interaction of steel with silicate melts. G I Bellaev and others. Stk.i ker. 22 no.8:27-20 Ag '65.

METALWORKING MACHINERY

Device for machining valve seats. I U M Koshunov. Sudostroenie 30 no.8:51 Ji '64. New equipment K G Kirichenko. Sudostroenie 30 no.7:52-53 Ji '64.

METALWORKING MACHINERY—MAINTENANCE AND REPAIR

Repair fast and reliably. I A A Amilinskii. Metallurg 10 no.9:34-35 S '65.

METAMORPHISM (GEOLOGY)

Golman, I. A. D., and V. M. Malakhova. [Alteration of the granitic wall rocks of a tungsten deposit in Kazakhstan] Okolozhizhnye izmeneniya granitnykh porod vol'tramovogo mestorozhdeniya v Kazakhstane. Moskva, Nedra, 1965. 114 p.

METASOMATISM see subdivision under Kazakhstan; Transbaikalia

METASTASES

Blood vessels in metastases of Brown-Pearce tumor in the liver in rabbits. V N Balashev, M A Dolgova. Vop.onk. 11 no.9:48-50 '65.

Diagnosis of tumors and metastases with the aid of radiolactate scanning. G A Zubovskii. Sov.med. 28 no.8:68-74 Ag '65.

Differences between thrombophlebitis of the superficial cutaneous veins in the thoracocephalic region and the intracutaneous metastases of breast cancer I U A Polukhetov. Vop.onk. 11 no.7:88-91 '65

Malignant hemangioendothelioma of the heart with metastases in the lungs, a single observation. V I Kovalenko, D N Molodykh. Vop.onk. 11 no.9:90-91 '65

METEOR TRAILS

Positive and occasional radio detection of steady meteor trails E I Fialko. Izv.TPI 100:95-100 '62.

Radio detection of steady meteor trails under integration conditions. E I Fialko. Izv.TPI 100:112-117 '62.

Radio detection of unsteady meteor trails under photo-recording conditions. E I Fialko. Izv.TPI 100:101-111 '62.

Recording conditions of various type ionized meteor trails E I Fialko. Izv.TPI 100:140-144 '62.

Resonance scattering of radio waves by paraboloid meteor trails. E K Nemisova. Izv.TPI 100:75-84 '62.

Selective properties of the radar observations of meteor trails. 2. steady trails. E I Fialko. Izv.TPI 100:145-151 '62.

METEOROLOGICAL INSTRUMENTS

Improvement of an instrument for measuring a micro-structure by means of small angles V I Golikov. Trudy GGO no.170:10-148 '65. Instrumental errors of the MIMP micobarometer I N Kulakov. Razved.geofiz. no.4:80-87 '65.

METEOROLOGICAL SATELLITES

Investigating the earth's atmosphere by means of rockets and satellites. K A Kondrat'ev. Kosmos no.2:33-35 '65.

METEOROLOGICAL STATIONS

Determination of the location of stations by their thermal regime. L G Semenov. Trudy GGO no.180:123-136 '65.

METEOROLOGY

[see also subdivision under Antarctic regions; Southern Hemisphere; Tropics]

Interrelationship of the characteristics of heat balance and the basic meteorological elements. I M Shikhilinskii. Izv.AN Azerb.SSR, Ser.geol.-geog.nauk no.3: 101-110 '65.

Optimum smoothing of the meteorological fields. L N Shizhevskii. Trudy TSIP no.146:70-79 '65.

Stability of estimates of mathematical expectation and dispersion for connected meteorological time series. A S Marchenko. Izv.AN SSSR, Fiz.atm.i okeana 1 no.9 905-913 S '65.

Zakharova, A. F., and N. N. Kravchenko. [Manual for carrying out practical practices in a course on "Meteorology and climatology." Rukovodstvo dlya vypolneniya prakticheskikh zadaniy po kursu "Meteorologiya i klimatologiya." [Leningrad] Izd-vo Leningr. univ., 1965. 34 p.

METEOROLOGY—CONGRESSES

Conference on the meteorology of the stratosphere and mesosphere. K A Kondrat'ev. Izv.AN SSSR, Fiz.atm.i okeana 1 no.8:834-850 Ag '65.

International Symposium on the Dynamics of Large-Scale Atmospheric Processes. Meteor.i gidrol. no.10:58-60 O '65.

METEOROLOGY—OBSERVATIONS

Some results of a comparison of satellite and ground observations of cloudiness. I P Votlov. Trudy MMTS no.6:20-30 '65.

Statistical characteristics of cloudiness in the warm period of the year according to data of airplane observations. D M Sonechkin. Trudy MMTS no.6:37-44 '65.

METEOROLOGY, AGRICULTURAL

Agrometeorological indexes for forecasting the rates of development and evaluating the conditions of the summer harvest. I U S Mel'nik. Trudy TSIP no.146: 117-125 '65.

Dependence of the light conditions in corn plantings on the arrival of solar radiation on the European territory of the U.S.S.R. V A Shablavskaya. Trudy TSIP no.146:126-135 '65.

METEOROLOGY IN AERONAUTICS

Bumpiness of helicopters on the black Sea coast of the Caucasus in bore-typo winds. A A Vasil'ev. Trudy TSIP no.148:11-20 '65.

Problems of meteorological flight security on helicopter routes in mountainous regions. P A Vorontsov, A A Vasil'ev. Trudy GGO no.171:122-129 '65.

METEORS

Accounting for the effect of cosmic noises on the number of radar detected meteors. G N Glazov. Izv.TPI 100:128-133 '62.

Akademiya nauk URSS, Kiev. [Physics of comets and meteors] Fizika komet i meteorov. Kiev, Naukova dumka, 1965. 128 p. (Seriya "Astronomiya i astrofizika")

METEORS (Continued)

- Characteristics of radio echoes from meteors at the observation of the resonance effect on wave length $\lambda = 10$ m. E.K. Nemirova. Izv. TPI 100 35-40 '62.
- Distribution of intervals between radio echoes from meteors. E.I. Fialko, G.L. Kilinichanko. Izv. TPI 100 28-35 '62.
- Distribution of radio reflections from meteors by duration. E.I. Fialko. Izv. TPI 100 54-74 '62.
- Dust matter in the interplanetary and close-to-earth space. L.M. Gindilis. Kosmos no. 2, 66-65 '65.
- Effect of cosmic noises on the number of meteors detected in one hour. L.P. Serafinovich. Izv. TPI 100 118-123 '62.
- Intensity of the signal reflected from meteor trail under conditions of severe diffusion. E.I. Fialko. Izv. TPI 100 41-53 '62.
- Methods for separating radio reflections caused by meteors of a shower. E.I. Fialko. Izv. TPI 100 152-154 '62.
- Radar observations of meteor activity in Tomsk according to the International Geophysical Year program in 1957. E.I. Fialko, A.V. Saenko. Izv. TPI 100 20-27 '62.
- Relationship between the average number per hour of detected meteors and the frequency of pulse emission by the radar. E.I. Fialko. Izv. TPI 100 124-127 '62.
- Some results of radar observations of meteors in Tomsk in 1957-1958. E.I. Fialko and others. Izv. TPI 100 16-19 '62.
- Some statistical characteristics of meteors observed by radar. E.I. Fialko. Izv. TPI 100 1-15 '62.
- Unit for determining the velocity vector of a faint meteor. A.N. Kolesov. Izv. TPI 100 155-161 '62.

METHACRYLALDEHYDE

- Kinetics and mechanism of the liquid-phase oxidation of methacrolein to methacrylic acid. M.I. Faibarov, G.N. Koshel'. Khim. i tekhn. 6 no. 1 666-673. JI-Ag '65.

METHACRYLIC ACID

- Butyllithium-catalyzed polymerization of phenyl methacrylate. Z.A. Azimov, S.P. Mitsengendler, A.V. Korotkov. Vysokom. soed. 7 no. 6 1326-1331. Ag '65.
- Catalytic polymerization of tert-butyl methacrylate and the study of the structure of the polymers obtained. Z.A. Azimov, S.P. Mitsengendler, A.V. Korotkov. Vysokom. soed. 7 no. 5 843-846. My '65.
- Causes of the damping of electron paramagnetic resonance signals and the luminescence of photo-excited naphthalene molecules in polymethylmethacrylate. E.L. Sorin, V.B. TSaregradskii. Fiz. tverd. tela 7 no. 8 2387-2399. Ag '65.
- Determination of methacrylic acid in polycrystalline lacquer and films. E.L. Ashaeva, S.T. Baibacva. Lakokr. i mat. i tekhn. no. 1 60-62 '65.
- Dielectric relaxation in the surface layers of polymethyl methacrylate and polystyrene. I.U. S. Lipatov. Vysokom. soed. 7 no. 8 1430-1435. Ag '65.
- Effect of nonelectrolytes on the association of polymethyl methacrylate and polyvinyl alcohol in solutions. E.B. D'ukonova, I.S. Okhimenko, I.F. Efremov. Vysokom. soed. 7 no. 6 1016-1019. Je '65.
- Kinetics and mechanism of the liquid-phase oxidation of methacrolein to methacrylic acid. M.I. Faibarov, G.N. Koshel'. Khim. i tekhn. 6 no. 4 666-673. JI-Ag '65.
- Spectrophotometric study of N-vinylcarbazole and methyl methacrylate copolymers. A.V. Chernabai, A.I. Shepeleva, V.S. Zubkova. Vysokom. soed. 7 no. 6 1080-1084. Je '65.
- Structure of a copolymer of butyl methacrylate and methacrylic acid. M.B. Konstantinopol'skaya and others. Vysokom. soed. 7 no. 6 998-999. Je '65.
- Synthesis of the esters of methacrylic acid in the presence of KU-2 ion exchange resins as catalysts. V.A. Trofimov, V.L. Isagullants. Khim. prom. 41 no. 8 566-568. Ag '65.

METHANE

- Methods for the determination of methane potential in coal deposits. M.A. Ernekov. Izv. AN Kazakh. SSR. Ser. geol. 22 no. 4 53-59. JI-Ag '65.
- Phase equilibrium of methane mixtures with various hydrocarbons, constituents of the condensate composition. G.S. Stepanova, I.A. Vybornova, A.S. Velikovskii. Gaz. delo no. 9 3-7 '65.
- Thermodynamics of the high-temperature conversion of methane by sulfur. I.U. P. Kuznetsov and others. Trudy MKHTI no. 47 80-85 '64.

METHANE—SPECTRA

- Spectroscopic study of a plane methane-air flame in an electric field. V.A. Popov, A.V. Shekilein. Nauch.-tekhn. probl. gor. i vzryva no. 1 70-78 '65.

METHANESULFENYL CHLORIDE

- Production of perchloromethyl mercaptan (trichloromethanesulfenyl chloride). V.I. Zetkin, B.I. Libman. Khim. prom. 41 no. 3 573-575. Ag '65.

METHANOL

- Changes in the properties of zinc-chromium catalysts during the production of methyl alcohol. V.M. Vlasenko and others. Khim. prom. 42 no. 9 661-666. S '65.

METHANOL, EFFECT OF RADIATION ON

- Radiation-catalytic transformation of methanol. V.I. Vladimirova and others. Dokl. AN SSSR 164 no. 2 361-364. S '65.

METHOD OF STUDY see Study, Method of

METHOD OF WORK see Work, Method of

METHYL GROUP

- Reaction of a free methyl radical with organosilicon compounds. S.I. Beilin, N.A. Pot'ukhin, B.A. Dolgoplosk. Vysokom. soed. 7 no. 6 1085-1091. Je '65.

METHYLATION

- Selective methylation of simplest acids. I.A. Mikhailov, V.I. Gumar, S.I. Zayinlov. Tr. AN SSSR. Ser. Khim. no. 9 1715 '65.

MEXICO—CLIMATE

- Some characteristics of the climate of the free atmosphere over Mexico. A.IU. Egoeva. Trudy GGO no. 182 63-70 '65.

MEXICO—WARS OF INDEPENDENCE, 1810-1821

- Defense of doctor's dissertations. Nov. i novish. ist. no. 5 192 '65.

MIASNIKOV, VLADIMIR SERGEEVICH, 1908-1905

- In memory of Vladimir Sergeevich Miasnikov. Tr. AN SSSR. Ser. geol. 30 no. 3 133. Ag '65.

MICA

- Practice in modeling the weathering process of mica. V.M. Kilayovskii and others. [Trudy] Inst. geol. i geofiz. Sib. otd. AN SSSR no. 32 63-74 '65.

MICA INDUSTRY WORKERS see subdivision under Petrovavodsk

MICHURIN, IVAN VLADIMIROVICH, 1855-1935

- Difference of opinion between I.V. Michurin and T.D. Lyssenko on some basic problems of genetics. V.V. Skripichnikov. Itogi Nauch. i Tekhn. 70 no. 4 105-116. JI-Ag '65.

MICROBIOLOGY

- Skorokhodov, L.A. [How microbiology developed] Kak razvivilas' mikrobiologiya. Moskva, Meditsina, 1968. 40 p. (Nauchno-popul'naya meditsinskaya literat.)

MICROBIOLOGY—CLASSIFICATION

- Analysis of forbidden variants in the taxonomy of microorganisms. G.A. Zavarzin, I.U. S. Stark. Tr. AN SSSR. Ser. biol. no. 5 768-768. S-O '65.

MICROBIOLOGY—CULTURES AND CULTURE MEDIA

- Akademiya nauk SSSR. Sibirskoe otdelenie. Laboratoriya [tehnologii] razvitiya i pomoshchi. [Breeding of microbes] Selektivni mikroby. Novosibirsk, Refleksionno-izdat'skii otdel SO AN SSSR, 1965. 134 p.
- Bacterial photosynthesis. F.N. Kondrat'eva. Usp. mikrobiol. 1 5-20 '64.
- Types of nutrition of microorganisms. G.A. Zavarzin. Usp. mikrobiol. 1 30-60 '64.

MICROBIOLOGY—TECHNIQUE

- Differentiation of pathogenic staphylococci isolated from patients' wounds and from pharynxes and noses of the personnel by means of the phage typing method. V.M. Melnikova, L.I. Petushina. Sov. med. 20 no. 9 82-85. S '65.
- Lysoactivity of bacterial variants with a modified cellular wall on a spheroplast and L-form model. N.S. Gorlachukina, V.S. Levashov. Vest. AMN SSSR 20 no. 8 37-39 '65.
- Method of intravital fluorochromizing of microorganisms in an agar culture medium chamber. S.I. Diakov. Lab. delo no. 8 480-481 '65.
- Methodology of determining enterogenic Escherichia coli. L.B. Bogoslavskaya, A.P. Kalina. Lab. delo no. 8 491-496 '65.
- Paper chromatography. M.V. Fateeva. Usp. mikrobiol. 1 148-166 '64.
- Photometric analysis of bacterial suspensions. Report No. 3. Study of some thermo-osmotic processes in bacteria. B.A. Ilkhman, V.G. Petukhov. Zhur. mikrobiol., epid. i imm. 42 no. 8 128-131. Ag '65.
- Results of using Okrentskii's medium for the study of microbes of the Enterobacteriaceae family. B.A. Gornik and others. Lab. delo no. 8 488-500 '65.
- Selection of indicator strains for the typing of colicinogenic Escherichia coli cultures. Report No. 2. Use of colicinogenic recombination agents for the differentiation of colicins with a group specificity. N.V. Davydova, D.G. Kudali, V.G. Petrovskaya. Zhur. mikrobiol., epid. i imm. 42 no. 8 90-99. Ag '65.

- Sensitization of formalized erythrocytes with human γ -globulins. I.U. G. Sorokov, I.U. V. Lunatov. Zhur. mikrobiol., epid. i imm. 42 no. 8 63-67. Ag '65.

- Significance of individual biochemical, serological, and biological tests in the identification of dysenteric microbes, a summary. M.I. Lipkin. Lab. delo no. 8 501 '65.

MICROCHEMISTRY

- Microanalytical hydrometallurgy of polycrystalline. L.O. Bol'shakova, B.G. Helenfeld. Antibiotiki 10 no. 4 707-709. Ag '65.
- Use of cytochemical methods in the examination of bacteria from the cavities. A.I. Nikulin. Lab. delo no. 8 174-176 '65.

MICROCINEMATOGRAPHY

- Basic trends in the cinematographic study of L-form bacteria and Mycoplasma. S.G. Kozlov and others. Vest. AMN SSSR 20 no. 8 720-724 '65.

MICROCLIMATE

- (see also subdivision under Oka Valley; Orenburg Valley; Trans-Ili Alatau)
- Temperature of the active surface in microclimate studies. Z.A. Mikhlenko. Trudy GGO no. 180 54-76 '65.

MICRO-ORGANISMS

- Transformation of microorganisms with the help of DNA. S.F. Mamutova. Usp. mikrobiol. 1 133-140 '64.

MICRO-ORGANISMS—PHYSIOLOGY

- Physiological significance of polyphosphates for microorganisms. N.M. Verbitskiy. Usp. mikrobiol. 1 75-100 '64.

MICRO-ORGANISMS, CELLULOSE-DECOMPOSING, see subdivision under Siberia, Western

MICRO-ORGANISMS, EFFECT OF DRUGS ON

- Comparative characterization of the sensitivity to various antibiotics of staphylococci strains freshly isolated from sick children. G.Sh. Baskanezhadze, M.D. Klodianashvili. Antibiotiki 10 no. 7 640-642. JI '65.
- Comparative evaluation of culture media for determining the sensitivity of diptheria bacilli to antibiotics. T.M. Kokhanovskaya. Lab. delo no. 8 551-555 '65.
- Determining the sensitivity of microorganisms to antibiotics. L.T. Tikhonina. Veterinarny med. 43 no. 1 24-28. JI '65.
- Increase of the resistance of Proteus to antibiotics in infected wounds depending on the dose and method of introduction of monomycin. L.V. Bobkova. Antibiotiki 10 no. 8 845-847. S '65.
- Neomycin-resistant forms of colicenteria in children and their treatment. A.B. Chernomorduk and others. Antibiotiki 10 no. 8 858-861. S '65.
- Nucleotide composition of the streptomycin-resistant E. coli carotovora f. citrullina. I.S. Fedotova. Antibiotiki 10 no. 9 840-841. S '65.
- Pyogenic streptococci isolated in cranio-cerebral infection diseases and their relation to antibiotics. V.F. Imshenetskaya. Antibiotiki 10 no. 8 850-850. S '65.
- Rate of the development of antibiotic resistance in salmonella. I.U. B. Popov. Antibiotiki 10 no. 8 840-841. Ag '65.
- Resistance formation in Sonne dysenteric bacilli to antibiotics and phage under the effect of streptomycin combined with vitamin B₁₂. S.T. Dzibuk. Antibiotiki 10 no. 8 837-840. S '65.
- Sensitivity of gonococci to antibiotics in various forms of gonorrhea in women. Z.A. Pashina, A.V. Chernobrovskaya. Antibiotiki 10 no. 8 882-885. S '65.
- Study on the sensitivity of diptheria bacilli to antibiotics. T.M. Kokhanovskaya. Antibiotiki 10 no. 8 744-748. Ag '65.
- Transmission of resistance to streptomycin in staphylococci by means of phages. L.M. Paderina. Antibiotiki 10 no. 8 832-836. S '65.

MICRO-ORGANISMS, EFFECT OF RADIATION ON

- Effect of radioactive isotopes on the metabolism of microorganisms. M.S. Nagorina. Nauch. trudy Kaz. gos. med. inst. 14 243-248. '64.

MICRO-ORGANISMS, NITROGEN-FIXING, see subdivision under Kuldanda Steppe

MICRO-ORGANISMS, PATHOGENIC

- Some results and problems of research conducted at the Microbiological Control Laboratory of the All-Union Institute of Plant Protection. N.S. Fedorovich. Tr. VIZR no. 17 138-141 '63.
- Survival of parasitic microbes in the external environment. V.S. Kiktenko. Trudy Un. druzh. nar. 7. Vop. med. 1 171-180 '64.

MICROPHONE

- Calculating the friction in a nondirectional microphone with moving coil. G.P. Koroshov, M.G. Iudin. Tr. V. LKI no. 10 33-36 '64.

MICROPHONE (Continued)

- Condenser microphone with a high-stability form of the remotely controlled directivity characteristic. A. D. Khokhlov and others. *Trudy LIKI* no. 10 57-67 '64.
- Equivalent circuits of nondirectional condenser microphones. A. D. Khokhlov, F. V. Semakina. *Trudy LIKI* no. 10 3-16 '64.
- Experimental study of nondirectional condenser microphones. A. D. Khokhlov, F. V. Semakina. *Trudy LIKI* no. 10 17-26 '64.
- High-frequency correction in nondirectional microphones with moving coil. M. G. Iudin. *Trudy LIKI* no. 10 27-31 '64.
- Microphones. *Avtom. telemekhanika* 9 no. 9 43-44 S '65.
- Transient distortions of microphones. N. F. Ivanova, A. D. Khokhlov. *Trudy LIKI* no. 10 69-74 '64.

MICROSCOPE

- Using a microscope in determining the wear of parts. D. M. Val'kin, Mashinostroenie no. 5 92-93 S-O '65.

MICROSCOPY

- High temperature microscopy of some pignettes of Kazakhstan. A. A. Golovin, *Geol. i geofiz.* no. 8 126-129 '65.
- Methodology of the microscopic analysis of dried washed potatoes. N. I. Ovchuk, K. E. Shvrikov, K. B. Savova. *Koms. i ov. prom.* 20 no. 8 35-37 Ag '65.

MICROSCOPY—TECHNIQUE

- Use of infrared rays in stereoscopic microscopy. G. S. Ponomarevskii, I. A. M. V. Ivanovskii, V. P. Shevchikina. *Zh. zhur.* 11 no. 7 1075-1078 '65.

MICROSEISMS

- Hydrotectonological conditions governing the generation of microseisms. A. D. Sytinakii. *Seism. i izm.* no. 6 37-47 '65.
- Information on movements in microseismic waves. F. M. Izn'kov, V. P. Tril'nikov. *Seism. i izm.* no. 6 48-59 '65.
- Sources of microseisms. T. A. Proskuriakova. *Seism. i izm.* no. 8 23-30 '65.
- Wave structure of microseisms. L. N. Rykunov, V. V. Sedov. *Seism. i izm.* no. 6 31-36 '65.

MICROSPECTROPHOTOMETRY

- The MF-2 microphotometer used as a cytophotometer. P. N. Alekseyev, I. B. Gribanovskii, A. M. Cherkashin. *Pat. fiziol. i eksp. teorp.* 9 no. 4 91-93 Ji-Ag '65.

MICROWAVE TUBES

- Calculation of the parameters of electron waves in currents flowing inside a screen with ideally conductive walls. I. U. A. Zhuravskii. *Radiotekh. i elektron.* 10 no. 9 1725-1728 S '65.

MICROWAVES

- Bernsheshevskii, G. A., and others. [Plasma and electron-microwave amplifiers and generators] *Plazmennye i elektronnyye usiliteli i generatory SVCh. Pod red. Z. S. Chernova.* Moskva, Sovetskoe radio, 1965. 94 p.
- Coupling of coaxial resonators through small holes. A. V. Alekseyev, A. I. A. Dmitriev. *Izv. LETI* no. 62 67-73 '64.
- Diagrams for determining the parameters of plane dielectric layers with variable structure having optimal radio engineering characteristics. V. A. Kaplan. *Radiotekhnika* 20 no. 9 17-26 S '65.
- Microwave absorption spectrum of molecular oxygen. A. P. Naumov. *Izv. vys. ucheb. zav., radiofiz.* 8 no. 1 668-678 '65.
- Mirror cavities with variable reflection factors. S. N. Vinogradov. *Radiotekh. i elektron.* 10 no. 9 1715-1718 S '65.
- Open cavity resonators with mirrors having variable reflection factors. N. G. Vakhitov. *Radiotekh. i elektron.* 10 no. 9 1670-1683 S '65.
- Operating modes of the output units of transit klystrons and choice of optimum coupling of resonators and loads. E. G. Volkov. *Izv. LETI* no. 52 3-12 '64.
- Periscopic mirror line. R. B. Vaganov, A. B. Dogadkin, B. Z. Katsenelenbaum. *Radiotekh. i elektron.* 10 no. 9 1672-1675 S '65.
- Radiation pattern and synthesis of a round aperture. B. M. Minkovich. *Radiotekh. i elektron.* 10 no. 9 1712-1715 S '65.
- Special spectral features of stable generation of oscillations in generators with delayed feedback in a weak mode of operation. E. A. Kotyrev, L. L. Pitas. *Radiotekh. i elektron.* 10 no. 9 1628-1634 S '65.
- Study of a magnetron exciting an H₁₀ wave in a round waveguide. V. V. Minich. *Radiotekh. i elektron.* 10 no. 9 1692-1699 S '65.
- Study of waveguide-slot antennas with identical resonant resonators. G. A. Evstropov, S. A. Tsarapkin. *Radiotekh. i elektron.* 10 no. 9 1663-1671 S '65.
- Vozdonskii, B. A., ed. and others. [Long-distance tropospheric propagation of ultrashort radio waves] *Dal'nee troposfernoye rasprostraneniye ul'trakorotkikh radiovoln.* [By] N. A. Armand i dr. Moskva, Sovetskoe radio, 1965. 414 p.

MICROWAVES—PHYSIOLOGICAL EFFECT

- Changes in the absorptive and secretory functions of the stomach in experimental ulcers during the action of high-frequency physical agents on the organism. V. R. Falt'berg-Blank. *Pat. fiziol. i eksp. teorp.* 9 no. 1 90 Ji-Ag '65.
- Effect of 1 centimeter and 1 meter electromagnetic waves on the content of biologically active substances in human blood. I. I. Revuts'kiy, F. M. Eidel'man. *Pat. fiziol. i eksp. teorp.* 10 no. 3 379-383 My-Je '64.

MIDDLE URAL ECONOMIC REGION—COMMUNIST COMPETITION

- The communist labor movement and labor organization. M. Mel'nov, I. Titunnikov. *Sots. trud.* 10 no. 8 13-47 '65.

MIDDLE URAL ECONOMIC REGION—TIME STUDY

- The communist labor movement and labor organization. M. Mel'nov, I. Titunnikov. *Sots. trud.* 10 no. 8 47-47 '65.

MIGRAINE

- Clinical characteristics of cervical migraine. A. I. U. Ratner. *Sov. med.* 28 no. 8 60-63 Ag '65.

MIKHAILOV, ALEKSEI NIKOLAEVICH, 1905-

- 51 tenth birthday of Professor A. N. Mikhailov, doctor of technological sciences. *Kozh. obuv. prom.* 7 no. 8 30 Ji-Ag '65.

MIKHAILOV, GAVRIIL PETROVICH, 1905-

- Gavriil Petrovich Mikhailov on his sixtieth birthday. *Vysokom. sozd.* 7 no. 6 1124-1125 Ja '65.

MIKHAILOV, MIKHAIL LARONOVICH, 1826-1865

- Last novel of M. L. Mikhailov on the centenary of the writer's death. I. D. Levin. *Izv. AN SSSR. Ser. lit. i izn.* 24 no. 4 209-310 Ji-Ag '65.

MIKHAILOVSKII, BORIS VASIL'EVICH, 1899-1965

- B. V. Mikhailovskii, an obituary. V. A. Keldysh. *Izv. AN SSSR. Ser. lit. i izn.* 24 no. 4 374-375 Ji-Ag '65.

MIKLUKHO-MAKLAI, ANDREI DMITRIEVICH, 1914-1965

- Andrei Dmitrievich Miklukho-Maklai, 1914-1965, obituary. *Paleont. zhur.* no. 3 155 '65.

MILAN—THEATER

- Songs of freedom and protest. S. Gushchenko. *Teatr* 26 no. 9 158 S '65.

MILETUS

- Kolybina, M. M. [Miletus] Milet. Moskva, Nauka, 1965. 200 p. illus.

MILITARISM see subdivision under Germany, West

MILITARY AERONAUTICS see Aeronautics, Military

MILITARY ARMORED VEHICLES see Armored vehicles, Military

MILITARY ART AND SCIENCE

- Military historical experience and the development of military affairs. P. Altukhov. *Voen.-ist. zhur.* 7 no. 9 3-10 S '65.

MILITARY ART AND SCIENCE—DICTIONARIES

- Danilov, I. S., V. I. Ryzhkov, and M. G. Antismov, comps. [Arabic-Russian and Russian-Arabic military dictionary] *Arabsko-russkii i russko-arabskii voennyi slovar'.* Pod red. I. S. Danilova. Moskva, Voenizdat, 1965. 704 p.

MILITARY ART AND SCIENCE—TERMINOLOGY

- Moscow. *Voennaya akademika imeni M. V. Frunze. [Dictionary of basic military terms] Slovar' osnovnykh voennykh terminov.* Moskva, Voenizdat, 1965. 247 p. (Biblioteka ofitsera)

MILITARY ASSISTANCE, AMERICAN see subdivision under Dominican Republic

MILITARY BASES see subdivision under Mediterranean Sea region

MILITARY COMMUNICATIONS see Communications, Military

MILITARY EDUCATION

- In distant units. P. Babochanok. *Komm. Vooruzh. Sil* 46 no. 15 52-64 Ag '65.

MILITARY ENGINEERING

- Engineer support of an offensive in the mountains. B. Badanin. *Voen.-ist. zhur.* 7 no. 8 100-111 Ag '65.

MILITARY HISTORY

- Some problems in the methodology of military historical research. A. Grylov. *Voen.-ist. zhur.* 7 no. 7 3-15 Ji '65.
- A talk on memoir literature. P. Ogat'ev. *Voen.-ist. zhur.* 7 no. 7 107-109 Ji '65.

MILITARY HISTORY—CONGRESSES

- Conference of military historians on the "Methodology of Military Historical Research." I. A. Gavrilov. *Voen.-ist. zhur.* 7 no. 7 97-101 Ji '65.

MILITARY LAW

- On the path of improving the training of judge advocates. I. Ponomarev, V. Maslov. *Komm. Vooruzh. Sil* 46 no. 15 42-46 Ag '65.

- So that there should be no "incorrigible ones." M. Tokarov. *Komm. Vooruzh. Sil* 46 no. 15 54-56 Ag '65.

MILITARY OFFENSES

- Rulings of the Military Collegium of the Supreme Court of the U. S. S. R. *Biul. Verkh. Suda* no. 4 24-26 '65.

MILITARY SERVICE, COMPULSORY

- Privileges connected with the draft and military service. *Obsh. i sots. strah.* 8 no. 9 41-45 S '65.

MILK

- Milk proteins and their nutritional value. P. F. D'yachenko. *Zh. zhur. VNIIO* 10 no. 3 301-306 '65.

MILK—ANALYSIS AND EXAMINATION

- Method for determining the alkalinity of milk with bromothymol blue. S. G. Bakhtov, S. N. Poltav. *Veterinaria* 42 no. 7 79 Ji '65.

MILK—COMPOSITION

- Composition of the milk of hybrid cows produced by crossbreeding and triple breeding. B. V. Pandeov, P. P. Burenin. *Izv. TSKHA* no. 2 165-172 '65.

- Effect of rations saturated with sludge on the quality of cows' milk. V. G. Pitsayn and others. *Trudy VIZH* 21 54-58 '65.

MILK—COOLING

- Heat and cold on dairy farms. R. Danilov, I. Gura. *Tekh. v sel'khoz.* 25 no. 9 25-27 S '65.

- Tank for cooling milk. G. Kravtsovskii. *Tekh. v sel'khoz.* 25 no. 9 40-43 S '65.

MILK AS FEED

- Characteristics of digestion and metabolism in young cattle fed various quantities of milk. N. I. Kleimenov. *Trudy VIZH* 21 70-79 '65.

MILK VETCH see subdivision under Turkmenistan

MILKING

- Action of internal and external factors on the oxytocin reflex in cows. L. N. Gorokhov, I. N. Trifimov. *Dokl. Akad. sel'khoz. nauk* no. 7 24-26 Ji '65.

MILKING MACHINES

- Apparatus for determining the milk yield of each quarter of the udder. V. Trifimov, I. Belykhov, S. Sergeev. *Tekh. v sel'khoz.* 25 no. 9 30-31 S '65.

- Automatic disconnection of the teat cups. S. Kuzin. *Tekh. v sel'khoz.* 25 no. 9 27-29 S '65.

MILKING MACHINES—CLEANING

- Hygienic aspects of the "Pipeline" and DU-150 arrangements for milking parlors. I. I. Arkhangelskii, V. M. Kartashkin, K. F. Sokolova. *Veterinaria* 41 no. 12 65-68 D '64.

MILKING PARLORS

- Semi-automatic milking system. V. Murtumina, N. Potukhov, V. Komarov. *Tekh. v sel'khoz.* 25 no. 8 33-35 Ag '65.

MIL'KOVO DISTRICT—WAGES—DAIRYING

- Differential rates in dairy farming. S. Kalinkin. *Lkon. sel'khoz.* 41 no. 9 75-78 S '65.

MILLING (METALWORK)

- Dal'skii, A. M., ed. [Metalworking by cutting and pressure] *Obrabotka metallov rezaniem i davleniem.* Moskva, Mashinostroyeniye, 1965. 138 p.

- Milling grooves of capped countersinks with end form cutters. V. P. Kiselev, A. E. Imbinin. *Mashinostroyeniye* no. 5 37 S-O '65.

- Resistance dependences in end milling of MML-2 low-magnetic steel. V. D. Shishkov. *Trudy LPI* no. 250: 104-106 '65.

- Russia (1917- R. S. F. S. R.) *Volgo-Viatkii ekonomicheskii administrativnyi raion. Sovet narodnogo khoz. i selsk. khoz.* [Cutting high-strength and stainless steels; heat resistant and titanium alloys; materials of the interfacial school of progressive practices] *Obrabotka rezaniem vysokopropushchiv i nerzhavayushchikh staley, zharopropushchiv i titanovykh splavov; materialy mekhanizatsionnoi shkoly progressivnykh i nerzhavayushchikh staley.* Tsent. biuro tekhn. informatsii, 1964. 75 p. [MICROFILM]

MILLING MACHINES

- Analysis of the operation of the VSM-125/90 medium-speed rolling mill. I. G. Klimenko, V. A. Krokhin, B. G. Vashniak. *Energ. i elektrotekh. prom.* no. 3 52-54 Ji-S '65.
- Self-adjusting preset machine-tool control system. A. I. Kobinskii and others. *Vest. AN SSSR* 35 no. 9 62-66 '65.

MILLING MACHINES—NUMERICAL CONTROL

Programming algorithm for machining a three-dimensional part on a program controlled machine tool. A. G. Panchenko. Mashinovedenie no 5 59-69 '65.

MINE BUILDINGS—DESIGN AND CONSTRUCTION

Loads on tower headframes. G. L. Rozenblit. Shakht. stroi. 9 no 9 15-17 '65.

MINE COMMUNICATION SYSTEMS

Snigovskii, E. S., and V. A. Chernov. [Development of a remote control system and studies of mine remote control channels, report at the All-Union Conference of Coal Industry Planners] Razrabotka telemekhanicheskoi sistemy i issledovanie shakhtnykh kanalov telemekhaniki, doklad na Vsesoiuznom soveshchani proektirovshchikov ugo'noi promyshlennosti. Moskva, In-t gornogo dela, 1964. 19 p.

MINE DRAINAGE

Formation of depression cones in the Krivoy Rog Basin karstic carbonate rocks. A. E. Kubynin. Gorn. zhur. no 9 19-21 '65.

Use of discharging filterless boreholes for the drying of coalfields. L. V. Krupin. Shakht. stroi. 9 no 10 29 '65.

Use the regional principle of drainage in mine building. Z. P. Lubedina-Kana, N. N. Ershov, V. N. Golbert. Shakht. stroi. 9 no 10 6-8 '65.

MINE DUSTS—PREVENTION

Effect of the preliminary wetting on the climatic conditions of coal mine workings. A. S. Saginov, G. E. Panov. Izv. vys. ucheb. zav., gor. zhur. 8 no 7 82-86 '65.

A method of controlling sulfide dust explosions in borehole firing. E. I. Cherniavskii, A. S. Aleshin, V. N. Bekchiev. Gorn. zhur. no 9 69-70 '65.

Reducing dust formation during blasting operations in Bulgarian mines. V. V. Drebnitsa and others. Shakht. stroi. 9 no 9 28-29 '65.

MINE EXPLOSIONS—SAFETY MEASURES

Locally relieving coal seams for the prevention of sudden outbursts of coal and gas. E. S. Rozantsev, V. N. Umrifkhin. Vop. gor. davl. no 17 42-49 '63.

MINE FILLING

see subdivision under Kuznetsk Basin

MINE GASES

Petrosian, A. E., I. V. Sergeev, and N. I. Ustionov. [Gas control with the use of new equipment, report at the All-Union Seminar on Exchange of Experience in the Field of Safety Measures at Enterprises of the Coal Industry] Voprosy bor'by s gazom pri primeneni novoi tekhniki, doklad na Vsesoiuznom seminar po obмену opytom v oblasti tekhniki bezopasnosti na predpriyatiakh ugo'noi promyshlennosti. Moskva, In-t gornogo dela, 1964. 18 p.

MINE HAULAGE

Analysis of the existing and elaboration of new systems and means of transportation in high-speed horizontal mining. N. N. Petukhov, S. V. Kobayev. Trudy TSNIPPodzemshakhtstroia no. 3 101-120 '64.

An analysis of the systems and technical means of underground transportation in mines of the Soviet Union. V. A. Sysoeva, M. A. Antonovskaya. Nauch. soob. IGD 26 5-20 '65.

Experience in operating a GSS-1 self-propelled scraper loader at the Dzhezkazgan mine. S. Sh. Kozhakhonov. Trudy Inst. gor. dela AN Kazakh. SSR 17-77-83 '65.

Investigating feeder cable equipment of self-propelled mining machines. S. S. Muzgin, O. A. Shol'. Trudy Inst. gor. dela. AN Kazakh. SSR 17-93-101 '65.

Problem of devising analog computers for determining optimum technological parameters of transportation systems. V. P. Gudalov. Nauch. soob. IGD 26 32-40 '65.

Productive capacity of an open-pit mine depending on the method of front shifting, using continuous waste-disposal conveying units. B. N. Taitakovskii, M. A. Abdulkharov, E. N. Gorulin. Izv. vys. ucheb. zav., gor. zhur. 8 no 7 31-34 '65.

Testing the raking and loading equipment for inclined workings. A. A. Solov'ev, G. G. Andreev. Izv. vys. ucheb. zav., gor. zhur. 8 no 7 140-144 '65.

MINE HAULAGE—COSTS

Cost parameters of underground transportation in mines working steeply pitching seams. Z. M. Leites, V. A. Sysoeva, E. B. Chernenko. Nauch. soob. IGD 26 21-33 '65.

MINE HAULAGE—EQUIPMENT AND SUPPLIES

Circular cableways for dumping with rectangular dump piles. A. Ia. Babitskii. Shakht. stroi. 9 no 9 9-12 '65.

Selecting a circuit diagram for transformers in a mine haulage substation of a single-phase alternating current. V. A. Makhova. Izv. vys. ucheb. zav., gor. zhur. 8 no 7 170-173 '65.

Wear of the parts of a scraper chain and the chute of a flexible conveyor. V. I. Druzhinin, V. I. Matanisev. Izv. vys. ucheb. zav., gor. zhur. 8 no 7 145-147 '65.

MINE HOISTING

Automatic drive of mine hoisting machines with electromagnetic clutches. I. K. Khristalov, N. E. Kuznetsov, P. I. Turnaev. Izv. vys. ucheb. zav., gor. zhur. 8 no 7 180-184 '65.

How to compute pliability of the rope on a drum. V. I. Khazap. Izv. vys. ucheb. zav., gor. zhur. 8 no 7 131-131 '65.

Industrial testing and investigation of the AKP devices for controlling hoisting units. G. V. Tarasovich, L. I. Tarasovich, B. I. Zakhvatkina. Sbor. knuzNIUI no 10, 100-112 '64.

Loads on tower headframes. G. L. Rozenblit. Shakht. stroi. 9 no 9 15-17 '65.

Possibility of increasing the throughput of skip multiple systems. A. S. Mal'shiy. Izv. DGI 41 pt 2 26-29 '62.

Some problems in the dynamics of mine hoisting. I. U. G. Ispolov. Trudy LPI 232-24-33 '65.

Studying backflow in systems with complicated tail ends of lifting pipes. A. P. Zheleztsov. Trudy TSNIPPodzemshakhtstroia no 3 38-48 '64.

MINE HOISTING—EQUIPMENT AND SUPPLIES

Economic effectiveness of using skip hoists at the Sibay Mine. V. S. Khochirayev and others. Gorn. zhur. no 9 15-16 '65.

Economic efficiency of using cable guides. P. A. Aptenka, V. P. Krokhin. Shakht. stroi. 9 no 10 9-12 '65.

MINE HOISTING—SAFETY MEASURES

Determining the permissible lift for systems with a sheave of friction. I. N. Pochepaev. Gorn. zhur. no 9 53-54 '65.

MINE LIGHTING

Markova, N. F., comp. [Present state of the production and use of mine lighting apparatus based on ZKNG-10D hermetically sealed batteries] Sostoiatnoe proizvolstva i vnedreniia shakhtoi osvetitel'noi apparatury na baze germeticheskikh baterai ZKNG-10D. Moskva, In-t gornogo dela, 1964. 9 p.

MINE MANAGEMENT

Analysis of the technological idling of self-propelled boring rigs. A. M. Tkachenko. Trudy Inst. gor. dela. AN Kazakh. SSR 17-17-34 '65.

Problem of improving plans for the development of contiguous seams in the Intagol Combine mines. A. I. Turchin. Izv. vys. ucheb. zav., gor. zhur. 8 no 7 26-30 '65.

Simplify and put in good order the bookkeeping and settlement of general expenses in mining. A. M. Fedorov and others. Shakht. stroi. 9 no 9 6-8 '65.

MINE PUMPS

Experience in introducing remote control of pumps in drainage boreholes at the S. M. Kirov mine. V. M. Zolinskii and others. Shakht. stroi. 9 no 10 27-28 '65.

MINE RAILROADS

How to determine the driving force of a train moving along the tracks with variable longitudinal profiles. E. E. Novikov, A. S. Podoprigena. Izv. DGI 41 pt 2 65-68 '62.

Mechanized relaying of rail tracks in openworks. L. V. Rudchenko. Mekh. i avtom. proitr. 18 no 7 26 '65.

MINE RAILROADS—CARS

(see also subdivision under Lugansk Province)

Analysis of the existing and elaboration of new systems and means of transportation in high-speed horizontal mining. N. N. Petukhov, S. S. Kobayev. Trudy TSNIPPodzemshakhtstroia no 3 101-120 '64.

Classification of causes of the wear of rolling-contact bearings of mine car chutes. E. E. Novikov. Izv. DGI 41 pt 2 36-40 '62.

Influence of the quality of grease on the coefficient of resistance in the bearing assembly of mine cars. E. E. Novikov. Izv. DGI 41 pt 2 40-43 '62.

MINE RAILROADS—EQUIPMENT AND SUPPLIES

Improving the system of tractive power supply to mines. S. V. Tel'nov. Nauch. soob. IGD 26 110-116 '65.

MINE ROOF BOLTING

Effect of vertical cracks on roof stability in the workings of oil shale mines. A. M. Alik, Khim. i tekhn. gor. slan. i prod. ikh. perer. no 13 21-26 '64.

Peculiarities of reinforced concrete rod bolting without compressed air. V. M. Volzhskii, V. M. Roginskii. Izv. vys. ucheb. zav., gor. zhur. 8 no 7 52-56 '65.

MINE ROOF BOLTING—TESTING see subdivision under Kuznetsk Basin

MINE SAFETY

Lopushanskii, V. E. [Safety in underground ore mining] Tekhnika bezopasnosti pri razrabotke rudnykh mestorozhdenii podzemnyim sposobom. Izd. 2., perer. i dop. Moskva, Nedra, 1965. 150 p.

Protection of coal cutter-loader motors against stalling overloads. I. U. G. Vashin, N. M. Zelenkii, A. M. Mishchuk. Izv. DGI 41 pt 2 73-8 '62.

MINE SURVEYING

Experimental studies of certain mechanical standard systems for controlling the verticality of mine shafts. B. I. Leibenzon. Trudy TSNIPPodzemshakhtstroia no 3 63-90 '64.

MINE SURVEYING—EQUIPMENT AND SUPPLIES

Empirical formulas expressing pressure of the air current on the plumb bob wire by the velocity of the air flow and the diameter of the wire. G. F. Lysov. Izv. TPI 116:130-144 '63.

Laboratory and theoretical studies on the accuracy of adjoining to the alignment of plumb lines depending on the cross section of the wire. G. F. Lysov. Izv. TPI 116:129-137 '63.

The new GI-BI Hungarian surveying gyrocompass. D. N. Ogloblin. Gorn. zhur. no 9 73-75 '65.

The new TGO and TGS mine theodolites. A. I. Volkov. Izv. TPI 116:46-52 '63.

Problems of selecting the size of the bob and the diameter of the wire in the orientation of a mine. G. V. Lysov. Izv. TPI 116:123-128 '63.

MINE SURVEYING—TABLES, CALCULATIONS, ETC.

Adjusting an underground connection polygon in orientation through two vertical mine shafts. V. I. Akulov. Izv. TPI 116:3-10 '63.

Tables of increase of coordinates for mine surveying. G. F. Lysov. Izv. TPI 116:74-75 '63.

MINE TIMBERING

(see also subdivision under Donetsk Basin)

Arched shape of concrete roof lining and methods of its calculation. I. N. Katanov. Gorn. zhur. no 9 9-12 '65.

Developing the engineering theory of rock pressure. K. V. Ruppenet. Vop. gor. davl. no 17:3-9 '63.

Mechanizing the placing of reinforced concrete tubing in horizontal workings. M. M. Rybakov, V. N. Levchenko, A. N. Gulliev. Shakht. stroi. 9 no 9 22-24 '65.

A stock metal framework for the making of concrete linings in horizontal workings. A. I. Shapoval. Trudy TSNIPPodzemshakhtstroia no 3 97-100 '61.

Use of rod bolting under the conditions of a watered working roof. L. Talve. Khim. i tekhn. gor. slan. i prod. ikh. perer. no 13 7-20 '61.

MINE TIMBERING—MODELS

Results of some investigations to determine the pressure on shaft linings at the Yakovlev mine in the Kirovsk Magnetic Anomaly. V. P. Drobyshev, N. A. Likhov. Izv. vys. ucheb. zav., gor. zhur. 8 no 7 35-42 '65.

MINE TIMBERING—TESTING

Selecting the optimal bearing capacity of powered supports of the protective and supporting type. A. Ia. Pilevskii. Vop. gor. davl. no 17:30-38 '63.

MINE VENTILATION

(see also subdivision under Dzhezkazgan region, Kazakhstan)

Air conditioning of steeply pitching seams in the Kadiyevka region, Donetsk Basin. G. V. Buganov and others. Ugol' 40 no 9 60-65 '65.

Duginovskii, A. D. [Principles of the theory of the control of mine ventilation networks; report at the anniversary session of the Scientific Council dedicated to the memory of Academician A. A. Skochinskii on the occasion of the 90th anniversary of his birth] Osnovy teorii upravleniia shakhtnymi ventilatsionnymi setiami; doklad na jubileinoi zasedanii Uchenogo soveta, posviashchennomu pamiati akademika A. A. Skochinskogo v svyazi s 90-letiem so dnia rozhdeniia. Moskva, In-t gornogo dela, 1964. 21 p.

Duginovskii, A. D., and F. S. Kabanov. [Theoretical problems of the automation of coal mine ventilation] Teoreticheskie voprosy avtomatizatsii provetrivaniia ugo'nykh shakht. Moskva, Nauka, 1965. 92 p.

Effect of the motion of the pulp on the air flow in a mine working. K. Z. Ushakov. Izv. vys. ucheb. zav., gor. zhur. 8 no 7 87-91 '65.

Effect of the preliminary wetting on the climatic conditions of coal mine workings. A. S. Saginov, G. E. Panov. Izv. vys. ucheb. zav., gor. zhur. 8 no 7 82-86 '65.

Empirical formulas expressing pressure of the air current on the plumb bob wire by the velocity of the air flow and the diameter of the wire. G. F. Lysov. Izv. TPI 116:130-144 '63.

Nikitin, V. S. [Open-pit mine ventilation; report at the anniversary session of the Scientific Council dedicated to the memory of Academician A. A. Skochinskii on the occasion of the 90th anniversary of his birth] Problema provetrivaniia otkrytykh gornnykh razrabotok; doklad na jubileinoi zasedanii Uchenogo soveta, posviashchennomu pamiati akademika A. A. Skochinskogo v svyazi s 90-letiem so dnia rozhdeniia. Moskva, In-t gornogo dela, 1964. 24 p.

MOLDAVIA—HISTORY (Continued)

Lazarev, A. M. [Renunciation of the Moldavian people into the single Soviet state]. Vsesoyuznaya moldavskogo naroda v edinoe Sovetskoe gosudarstvo. Pod red. N. A. Makhova. Kishinev, Kartia Moldoveniaske, 1965. 204 p.

MOLDAVIA—LABOR PRODUCTIVITY

Kirke, S. I. [Problems of increasing labor productivity in Moldavia's machinery industry and metal working]. Voprosy povysheniya proizvoditel'nosti truda v mashinostroyeni i metallorabotke Moldavi. Pod red. K. I. Klimenko. Kishinev, Kartia Moldoveniaske, 1964. 135 p. (MDI)

MOLDAVIA—PALEOGEOGRAPHY

[Paleogeography of Moldavia]. Paleogeografia Moldavi. [By] V. M. Bobrinskii i dr. Kishinev, Kartia Moldoveniaske, 1965. 145 p.

MOLDAVIA—PAYMENT

Belzer, P., I. Moka, and N. Tsvetaev. [Payments for goods and services in the Moldavian Economic Region]. Rascheti za tovari i uslugi v Moldavskom ekonomicheskoy raione. Kishinev, Kartia moldoveniaske, 1965. 145 p.

MOLDAVIA—PEPPERMINT

Chinese menthol mint. A. G. Nikolaev, N. V. Semanova. Maslozhil. prom. 31 no. 9, 21-21 S '65.

MOLDAVIA—RUSSIAN LANGUAGE—STUDY AND TEACHING

Leiner, Kh. M., and B. Kh. Shilovskii. [Cards on the Russian language for grade 5 of the Moldavian school]. Kartochki po russkomu yazyku dlia V klassa moldavskoi shkoly. Kishinev, Kartia moldoveniaske, 1965. 388 (i.e. 194) p.

MOLDAVIA—SOVIETS

Moldavian S.S.R. Laws, statutes, etc. [Statute on the standing committees of district, municipal, village and settlement Soviets of workers' deputies of the Moldavian S.S.R. Approved by the Decree of the Presidium of the Supreme Soviet of the Moldavian S.S.R. of July 8, 1957]. Poleczenie o postoiannyykh komitetakh rayonnykh, gorodskikh, sel'skikh i poselkovykh Sovetov deputatov trudiaschikhsia Moldavskoi SSR. Uverzheno Ukazom Prezidiuma Verkhovnogo Soveta Moldavskoi SSR ot 8 Iulia 1957 goda. Kishinev, Partitnoe izd-vo TsK KP Moldavi, 1965. 31 p.

MOLDAVIA—TRANSPORTATION, AUTOMOTIVE—MANAGEMENT

What will be the effect of the concentration of motor-vehicle park in Moldavia. V. Fomin. Avt. transp. 43 no. 9-33-31 S '65.

MOLDAVIA—VITICULTURE

Ivanov, P. V., and V. Ia. Zol'tser. [Bases for the mechanized establishment of vineyards on slopes]. Osnovy mekhanizirovannogo osvoeniia sklonov pod vinnogradniki. Kishinev, Kartia moldoveniaske, 1965. 127 p. (DNAL)

MOLDAVIA—WAGES AND LABOR PRODUCTIVITY

Manea, A. P. [Correspondence between the growth of labor productivity and wages in industry in the Moldavian S.S.R.]. Sootnoshenie rosta proizvoditel'nosti truda i zarabotnoi platy v promyshlennosti Moldavskoi SSR. Pod obshchei red. N. S. Maslovoi. Kishinev, Kartia moldoveniaske, 1965. 70 p.

MOLDAVIA—WORLD WAR, 1939-1945

Kotikov, A. A. [Not for the sake of glory... sketches about the fearless sons of Moldavia]. No radi slavy... ocherki o besstrashnykh synakh Moldavi. Kishinev, Kartia moldoveniaske, 1963. 91 p.

MOLDAVIAN DIALECT—CHRISTOMATHICS AND READERS

Lazaruk, F. D., comp. [Reading book; manual for grade 3 of elementary schools]. Karto de chitire; manual pentru klasi III and shkolii ynchepatoare. Kishinev, Shkola sovetskii, 1957. 283 p. [In Moldavian] (INU)

MOLDAVIAN DIALECT—STUDY AND TEACHING

Moldavian S.S.R. [Direktsiia shkollor]. [Programs on the Moldavian language and literary readings for grades 5-11 of Russian evening (attagged) schools]. Programe pentru shkoola medie serale (pe skimbun) de kulture zhenerale. Limba Moldoveniaske shi chitiria literare yn shkoola ruse pentru klasele V-XI. Kishinev, Kartia moldoveniaske, 1965. 35 p. [In Moldavian]

MOLDING (FOUNDING)

Packing the molds under high pressure. S. Ia. Kosovaev, V. M. Sautov, A. V. Krasavin. Lit. protzv. no. 3, 34-35 Mr '64.

Vibration packing of foundry molds under high pressure. S. K. Kantendk, B. K. Svinitskii. Lit. protzv. no. 3, 31-31 Mr '64.

MOLDING (FOUNDING)—DEFECTS

Medvedev, Ia. I. [Gases in the foundry mold]. Gazy v litelnoi forme. Moskva, Mashinostroyeniye, 1965. 238 p.

MOLDING (FOUNDING)—EQUIPMENT AND SUPPLIES

Automatic loading of sand hoppers. A. R. Malkovici. Lit. protzv. no. 3, 24-25 Mr '64.

Casting of steel flanges into metal molds. G. G. Ianchenko. Lit. protzv. no. 3, 36-37 Mr '64.

New design of flask for the upper half of molds. I. M. Kikheymalik, V. I. Pitkovskii. Lit. protzv. no. 3, 35 Mr '64.

MOLECULAR ASSOCIATION

Inert of non-electrolytes on the association of polymethacrylic acid and polyvinyl alcohol in solutions. I. B. D'jakonova, I. S. Okhimenko, I. I. Ibramov. Vysokom soed. 7 no. 5, 1016-1019 Ju '65.
Spectral and energy phenomena of the interaction of a hydroxyl group with molecules of various electronic structure. V. Ia. Davydov, A. V. Kiselev, B. V. Kuznetsov. Zhur. fiz. khim. 39 no. 8, 2058-2061 Ag '65.

MOLECULAR BEAMS

Molecular generator with two series resonators and an amplifier of "molecular sound." A. F. Mukhamedgullina, A. N. Orlovskii, G. M. Stukhovskii. Pis'ma v red. Zhur. eksp. i teoi. fiz. 1 no. 1, 22-28 Ap '65.

MOLECULAR BIOLOGY

Inherited molecules. N. K. Kol'tsov. Biol. MOIP, Otd. biol. 70 no. 1, 75-104 Ti-Ag '65.

MOLECULAR DYNAMICS

Freeze-solve-process thermodynamics and the derivation of a differential equation system of molecular transfer. P. V. Tsel. Inzh.-fiz. zh. 9 no. 3, 310-327 S '65.

MOLECULAR ORBITALS

Electronic structure of 3-hydroxypyridines. Part 1: Proton magnetic resonance spectra and calculation by the methods of molecular orbitals and linear combination of atomic orbitals. V. P. Lozina and others. Teoret. i eksper. khim. 1 no. 3, 281-288 My-Je '65.

Electronic structure of 3-hydroxypyridines. Part 2: Chemical reactivity of 3-hydroxypyridines. K. M. Dimaev and others. Teoret. i eksper. khim. 1 no. 3, 280-284 My-Je '65.

Molecular diagrams of really alternant systems. D. A. Recheva, I. V. Stankevich. Zhur. fiz. khim. 39 no. 8, 2028-2030 Ag '65.

MOLECULAR ROTATION

Effect of rotational states in the scattering of slow neutrons by gas molecules. I. P. Dzib. Zhur. eksp. i teoi. fiz. 49 no. 2, 493-499 Ag '65.

Molecular rotation in polymers. Part 2. O. N. Trapeznikova. Vest. LGU 20 no. 10, 58-57 '65.

MOLECULAR SPECTRA

Certain features of electronic absorption spectra of functional substituted linear polyenes. G. A. Kogan and others. Teoret. i eksper. khim. 1 no. 3, 414-417 My-Je '65.

Certain regularities in the electronic-vibrational spectra of substituted aromatic hydrocarbons. Part 1. I. I. Lutska. Zhur. fiz. khim. 39 no. 8, 1948-1954 Ag '65.

Phosphorescence spectra of naphthalene, diphenyl, and carbazole. P. A. Teplov, V. V. Titusov. Izv. vys. ucheb. zav. fiz. 8 no. 3, 69-75 '65.

Study of the quasi-local level in the vibrational spectrum of a lattice with heavy impurity atoms. N. A. Chernoplekov, M. G. Zamilin. Zhur. eksp. i teoi. fiz. 49 no. 2, 410-451 Ag '65.

MOLECULAR STRUCTURE

Possibility of using particular features of physical properties as a criterion for hydrogen bonds. V. S. Korobkov. Zhur. fiz. khim. 39 no. 8, 2073-2074 Ag '65.

MOLECULAR STRUCTURE—BIBLIOGRAPHY see Bibliography—Molecular structure

MOLECULAR WEIGHTS

Effect of the method of preparation and the size of the side chain radical on the molecular weight distribution of polyarylates. G. I. Timofeeva, S. A. Pavlova, V. V. Korshak. Vysokom soed. 7 no. 8, 1435-1441 Ag '65.

Molecular weight distribution of polytetramethylene oxide. B. A. Rozenberg and others. Vysokom soed. 7 no. 8, 1051-1055 Je '65.

Relation between the molecular weight and intrinsic viscosity of some organosilicon polymers. L. E. Gusevnikov and others. Vysokom soed. 7 no. 5, 860-865 My '65.

MOLECULES

Justification of neglecting overlapping integrals in calculating molecular systems. V. G. Plotnikov. Izv. vys. ucheb. zav. fiz. 8 no. 3, 163-164 '65.

"KhUKKI Li" program for the computation of the structure and properties of molecules. R. A. Kuglink. Teoret. i eksper. khim. 1 no. 1, 118 My-Je '65.

Resonance interaction between neutrons and molecules. G. K. Ivanov, I. S. Suvorov. Atom. energ. 14 no. 2, 183-184 Ag '65.

Use of the method of light scattering in determining the optical anisotropy and geometrical shape of molecules. I. A. Bogdanov, M. T. Vuk. Vest. LGU 20 no. 16, 57 '65.

MOLLUSKS see subdivision under Caspian Sea, Itysh Valley, Oni' River

MOLLUSKS, FOSSIL see subdivision under Akhalkalke District; Balpal Lake region, Dnestre Valley

MOLYBDENUM METALS see Liquid metals

MOLYBDENUM

Ampereometric titration of molybdenum with 8-nitroanthraquinone. V. I. Suprunovich, I. I. Usatenko. Zhur. anal. khim. 20 no. 7, 800-806 '65.

Determination of molybdenum and tungsten in high-alloy steels and alloys from the same batch by amperometric titration. V. I. Bogovna, V. P. Novak, V. F. Mal'nev. Zhur. anal. khim. 20 no. 9, 951-954 '65.

Effect of the composition of benesolene products on results of an analysis for molybdenum by the K-absorption edge. G. A. Khas, S. F. Abdulin. Izv. vys. ucheb. zav. fiz. khim. 8 no. 4, 38-44 '65.

Mechanism of anion-exchange sorption of rhodium and molybdenum on the AB-17 ion exchanger. S. D. Kuvshina, N. A. Suvorovskaya. Izv. AN Kazakh. SSR. Ser. khim. nauk 15 no. 2, 33-40 Ap-Je '65.

MOLYBDENUM—EFFECT ON PLANTS see Plants, Effect of molybdenum on

MOLYBDENUM—TOXICOLOGY

Effect of a high molybdenum content in the environment on purine metabolism in man. G. A. Iakov. Trudy Un. dzh. nar. 7, Vop. med. no. 1, 41-57 '64.

MOLYBDENUM CATALYSTS

Kinetics of molybdenum (VI)-catalyzed reaction of α -naphthylamine oxidation with bromate. K. B. Akhmedskii, A. P. I. Hippov. Kin. i kat. 6 no. 4, 671-681 Ji-Ag '65.

Surface localization of telluric on oxidized molybdenum. O. K. Fomin, M. V. Likhomirov, N. N. Tunkskii. Kin. i kat. 6 no. 1, 634-640 Ji-Ag '65.

MOLYBDENUM ISOTOPES

Experimental detection of an isotopic shift in the molybdenum K α X-ray line. O. L. Sunbaev, A. I. Mozentsev. Zhur. eksp. i teoi. fiz. 49 no. 2, 459-460 Ag '65.

MOLYBDENUM-NICKEL ALLOY PLATING see Nickel-molybdenum alloy plating

MOLYBDENUM ORES

Tynnyar Combine is 25 years old. P. I. Kivchikov. Gor. zhur. no. 8, 3-6 S '65.

MOLYBDENUM OXIDES

Nature of oxides responsible for the ionization of organic vapors on oxidized molybdenum. O. K. Fomin, M. V. Likhomirov. Kin. i kat. 6 no. 4, 701 Ji-Ag '65.

MOLYBDENUM OXIDES—PHOTOELECTRIC PROPERTIES

Photoconductivity of MoO $_3$ single crystals. A. L. Shkol'nik. Soob. AN Gruz. SSR 39 no. 2, 286-287 Ag '65.

Some optical and photoelectric properties of MoO $_3$. R. B. Dzhaneldze and others. Fiz. tver. tela 7 no. 8, 2573-2575 Ag '65.

MONET, CLAUDE, 1840-1926

Rudensward, Oscar. [Claude Monet. Abridged translation from the Swedish] Klud Monet. Moskva, [Progress] 1965. 150 p. 82 plates.

MONEY

On some proportions of currency circulation. I. Stawyl. Den. i kred. 23 no. 9, 11-17 S '65.

MONGOLIA—ETHNOLOGY

A new exhibit "Peoples of the Mongolian People's Republic" in the Museum of Anthropology and Ethnography of the Academy of Sciences of the U. S. S. R. A. M. Reshetov. Sov. etn. no. 3, 102-107 My-Je '65.

MONGOLIA—INSCRIPTIONS, CHINESE

Munkuev, N. Ts. [Chinese source on the first Mongolian kings; an epigraph on the tomb of Yohui Ch'u-ue-tai, Translated from the Chinese]. Kitaiskii istochnik o povykh mongol'skikh klanakh; nadgrobnaya nadpis' na mogile Elui Ch'u-ue-tai. Perevod i issledovanie. Moskva, Nauka, 1965. 221 p.

MONGOLIA—VETERINARY MEDICINE

From the history of veterinary service in Mongolia
A. L. Rubinchik Veterinariia 11 no. 12-95 D '61

MONGOLS

Murduyev, M. TS. [Chinese source on the first Mongolian khans, an epitaph on the tomb of Ychili Ch'u-ta-tai Translated from the Chinese] Kitaiskii istochnik o pevykh mongol'skikh khanaht h, nadgrobnaia nadpis' na mogile Elui Ch'u-tala. Perevod i issledovanie Moskva, Nauka, 1955 221 p

MONILIALES

Protective effect of water-soluble polysaccharide from a yeastlike microorganism of the genus Pullularia on irradiated mice. A. G. Lobnuk, P. A. Bulanova, Dokl. VV SSSR 9 no. 7 477-479 JI '65.

MONILIASIS see Candidiasis

MONKEYS

The attitude of lower monkeys toward transparent objects as connected with the biological preconditions of anthropogeny. A. E. Fabri, Vop. antr. no. 16:116-120 '64

MONKEYS—DISEASES AND PESTS

Lapin, B. A., and L. A. Lakovleva. [Essays on the comparative pathology of monkeys] Ocherki sravnitel'noi patologii obez'ian. Moskva, Medgiz, 1960. 301 p.

MONKEYS, FOSSIL see subdivision under Russia, Southern

MONOMYCIN

Effect of monomycin on preventive properties of the serum. G. A. Shukarian, A. A. Novasardian. Izv. AN Arm SSR. Biol. nauki 18 no. 8:56-60 Ag '65.

Increase of the resistance of Proteus to antibiotics in infected wounds depending on the dose and method of introduction of monomycin. E. V. Bobkova, Antibiotiki 10 no. 9:845-847 S '65.

MONROE DOCTRINE

American doctrines of pillage and plunder. From Monroe to Johnson. L. A. Medzhorian. Sov. gos. pravo 35 no. 9:57-64 S '65.

MONTE CARLO METHOD

Use of the Monte Carlo method in calculating the passage of fast neutrons through hydrogen. L. M. Shirkov. Atom. energ. 18 no. 3:288 S '65.

MONTREAL—THEATER

The "Rudeau Veil" Theater from Montreal. M. Maletskaya, Teatr 26 no. 9:143-146 S '65.

MONZONITES see subdivision under Gornaya Shoriya

MOON—OBSERVATIONS

Important stage in lunar studies. M. V. Keldysh, Vest. AN SSSR 35 no. 9:22-23 '65.

MOON—PHOTOGRAPHS

Great victory of Soviet science; we have erased a large white spot from the map of the moon. Priroda 51 no. 9 1-iv S '65.

MOON—SURFACE

Are there mineral resources on the moon? V. V. Kozlov, E. D. Sul'di-Kondrat'ev, Priroda 54 no. 9:97-103 S '65.

Problem of the lunar mantle. V. V. Sharonov, Kosmos no. 2:3-18 '65.

MOON—TABLES

Methods for calculating the lunar ephemeris. M. A. Furachenko. Biol. Inst. teor. astron. 10 no. 4:272-315 '65.

MOOR AND MUD BATHS see Baths, Moor and mud

MORAL EDUCATION

Moral and volitional traits of character. M. A. Zhidkobilnov, Nach. shkola 33 no. 7:85-93 JI '65.

Specific characteristics of moral education. M. I. Boldyrev. Rad. shk. 44 no. 9:27-32 S '65.

MORDELLIDAE see subdivision under Turkmenistan

MORDENTITE

Adsorption volumes of synthetic mordentites. M. M. Dubinin and others. Izv. AN SSSR, Ser. khim. no. 8: 1500-1502 '65.

MORDMILLOVICH, ERIKH

Sketches between performances. E. Poliakova, Teatr 26 no. 9:122-123 S '65.

MORDOVIA—AGRICULTURE

[To the frontiers of plenty] K. Rubezham Izobilita, Saransk, Mordovskoe knizhnoe izd-vo, 1963. 94 p. (CST-II)

MORDOVIA—COLLECTIVE FARMS—PENSIONS

It is too early to relax. V. Leont'ev. Sots. obshch. 26 no. 9:10-13 S '65.

MORDOVIA—LEPTOSPIROSIS

Etiology of leptospirosis in animals. I. D. Nikolaev. Veterinariia 42 no. 7:20-31 JI '65.

MORDOVIA—SUGAR BEETS

In the new region of sugar beet growing. A. A. Nekrasova, Zemledelie 27 no. 6:10-13 Je '65.

MORDVINIAN A. S. S. R. see Moldavia

MORPHINE—THERAPEUTIC USE

Some problems of the methodology for the use of morphine and atropine in X-ray examination of the stomach and duodenum. N. A. Rubukhina, Vest. rent. i rad. 10 no. 4:33-37 JI-Ag '65.

MORPHOGENESIS

Some aspects of the interrelationship between morphogenesis and growth in the evolution of ontogeny of insects. A. P. Rasnitsyn, Ent. obozr. 14 no. 3:476-485 '65.

MORSE CODE

The ARMS-N coding device. V. A. Titov, S. M. Ryzhikova, T. I. Semushkina. Trudy NIIGMP no. 14:133-139 '65.

MORTAR

Basic physicochemical properties of cementless mortars and cementless concrete. A. V. Lashin, Bet i zhele.-bet. 11 no. 9:21-26 S '65.

MOSCOW—ACCOMPLICES

Was there really no instigator? K. Ribl', Sots. zakon. 12 no. 8:48-49 Ag '65.

MOSCOW—AGRICULTURAL COLLEGES

Centennial of the Timirязev Agricultural Academy. Zemledelie 27 no. 6:81 Je '65.

MOSCOW—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

Eskin, I. A. D., and V. I. Gorlachev. [Finishing operations on the construction of an experimental building, experience of the "Mosotdelstroy" Trust No. 3 of the Main Division for Housing and Civil Construction in the City of Moscow] Otdelochnye raboty na stroitel'stve eksperimental'nogo zdaniia; opyt tret'sia "Mosotdelstroy" No. 3 Glavmossstroia. Moskva, Stroizdat, 1965. 31 p.

MOSCOW—ART GALLERIES AND MUSEUMS

Moscow. Gosudarstvennaya Tretyakovskaya Galleriia. [Guidebook; art of the second half of the 19th century] Putevoditel'; Iskusstvo vtoroi poloviny XIX veka. Moskva, Gos. izd-vo "Iskusstvo," 1959. 325 p. illus. (MIEM)

MOSCOW—AUTOMOBILE INDUSTRY—INDUSTRIAL CAPACITY

Productive capacity and the loading of industrial equipment. E. Vorob'ev, Vop. ekon. no. 9:16-22 S '65.

MOSCOW—AUTOMOBILE INDUSTRY—QUALITY CONTROL

Take into consideration all aspects of the problem. O. Volkov, Sots. trud 10 no. 9:60-66 S '65.

MOSCOW—BAKERIES—ACCOUNTING

First step of a centralized accounting office. V. Sharaf'ev, Bukhg. uchët 22 no. 8:34-39 Ag '65. Organization of centralized accounting in the baking industry. N. Mikhaïlov, Bukhg. uchët 22 no. 8:26-33 Ag '65.

MOSCOW—BALLET

"Legend of love" in the Bolshoi Theater. B. L'vov-Anashin. Teatr 26 no. 9:12-48 S '65.

MOSCOW—BRAKES

Use of network schedules in planning within workshops. L. Ignatova, O. Manushina. Plan. khoz. 42 no. 9:47-52 S '65.

MOSCOW—BUILDING MATERIALS INDUSTRY

Compute the number of auxiliary workers on a scientific basis. I. A. Konfandari, L. Alekshovskii, Sots. trud 10 no. 9:88-93 S '65.

MOSCOW—BUILDINGS—DESIGN AND CONSTRUCTION

New principles of the construction of multistoried buildings in Moscow. E. Samodav. Arkh. i SSR no. 9:35-39 '65.

MOSCOW—CHEMICAL INDUSTRIES

Pokhov, A. A. [Establishing norms for working capital in an enterprise] Normirovanie obratnykh sredstv na predpriatii. Moskva, Finansy, 1965. 66 p.

MOSCOW—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Strengthening the ties between party propaganda and life; from the experience of the Moscow and Leningrad organizations in party work, 1950-1963. K. I. Vasurina, Vest. Mosk. un. Ser. G. Ist. 20 no. 4:8-18 JI-Ag '65.

MOSCOW—COMMUNITY CENTERS

Vocation, I. Chelkov, Sov. profsoyuz 21 no. 10:30-31 '65.

MOSCOW—CONCERTS

New items on programs. G. Shumy, Sov. muz. 20 no. 8:104-105 Ag '65.

MOSCOW—ETHNOLOGICAL MUSEUMS AND COLLECTIONS

A new exhibit "Peoples of the Mongolian People's Republic" in the Museum of Anthropology and Ethnography of the Academy of Sciences of the U. S. S. R. A. M. Reshetov, Sov. etn. no. 7:162-167 My-Ju '65.

MOSCOW—EXHIBITIONS

Activities in scientific and technological propaganda. Inform. biul. VDNKh no. 10:5-10 '62.

Agrochemical laboratory of the Exhibition of Achievements of the National Economy. S. G. Gol'dberg, Inform. biul. VDNKh no. 10:15 '62.

Apparatus of low-voltage commutation systems and their standardization. V. N. Dorovitskii, Inform. biul. VDNKh no. 10:8 '62.

Argon arc welding of piping under assembly conditions. "Power Engineering" pavilion. S. I. Khalavetov, Inform. biul. VDNKh no. 10:27-28 '62.

Earthwork in winter season. A. E. Volkova, Inform. biul. VDNKh no. 10:31-32 '62.

Electronic computers for building; "Mechanization of engineering calculations in building" pavilion. Inform. biul. VDNKh no. 10:26-27 '62.

Enslage; "Feeds" pavilion. I. R. Osankina, Inform. biul. VDNKh no. 10:14 '62.

Exhibit of new shoe styles in the "Light Industry" Pavilion at the Exhibition of Achievements of the National Economy. V. R. Komatova, Khoz.-obshch. prom. 7 no. 8:10-11 Ag '65.

Exhibition of advanced methods for the servicing of passengers. Zhel. dor. transp. 17 no. 8:70-80 Ag '65.

Foreign engines of construction and road machines shown at the International Exhibition. G. V. Anashkin, D. D. Baïkov, A. V. Zlatopol'skii, Stroitel'stvo i mash. 10 no. 8:12-13 Ag '65.

"INFORGA-65" Exhibition. Teldi, kino i telev. 0 no. 8: 01-03 Ag '65.

Improved lag-panel building construction and the quality of apartment houses. V. S. Stepanova, Inform. biul. VDNKh no. 10:30-31 '62.

Distantial methods and newest structures in harbor construction. B. A. Rubleva, Inform. biul. VDNKh no. 10:20-21 '62.

International exhibition "Chemistry in Industry, Construction and Agriculture." Bet. i zhele.-bet. 41 no. 8: 1 S '65.

International exhibition "Chemistry in Industry, Construction and Agriculture." Stet. i ker. 23 no. 8:10-11 Ag '65.

International Exhibition of "Inorg-65." Bukhg. uchët 22 no. 8:75-80 Ag '65.

Mechanization and automation of production processes in the dairy industry, seminars. Inform. biul. VDNKh no. 10:10-11 '62.

Mechanization and automation of production processes in the meat industry, conference. Inform. biul. VDNKh no. 10:11 '62.

News reviews, information. Inform. biul. VDNKh no. 10:30-42 '62.

Nuclear physics methods for a simplified analysis of mineral raw materials. "Geology" pavilion. A. M. Grimberg, Inform. biul. VDNKh no. 10:5-6 '62.

Progressive techniques in the irrigation of agricultural crops. Inform. biul. VDNKh no. 10:17 '62.

Pumping machinery and compressor equipment. N. I. Troitskaya, Inform. biul. VDNKh no. 10:6-7 '62.

Regulations concerning the participants of the Exhibition of Achievements of the National Economy of the U. S. S. R., conditions and order of their selection, registration, and awards. Inform. biul. VDNKh no. 10: 1-4 '62.

Special item exhibitions and shows; agriculture. Inform. biul. VDNKh no. 10:17-25 '62.

Special item exhibitions and shows; construction industry. Inform. biul. VDNKh no. 10:33-35 '62.

Special item exhibitions and shows; public health and education. Inform. biul. VDNKh no. 10:36-39 '62.

Use of progressive additives for fuels and lubricants. "Petroleum and Gas" pavilion. A. I. Kotomkina, Inform. biul. VDNKh no. 10:5 '62.

Use of sugar beets in the fattening of swine. G. V. Danilova, Inform. biul. VDNKh no. 10:16 '62.

Welding equipment at the Exhibition of the Achievements of the National Economy of the U. S. S. R. E. I. Boeva, Svar. protzv. no. 3:38-41 Mr '64.

What will be shown in the Soviet Pavilion of the International Exhibition "Chemistry in the Industry, Construction and Farming." Stroitel'stvo. 11 no. 8:21 Ag '65.

MOSCOW—FURNITURE INDUSTRY—QUALITY CONTROL

Production quality is the main index. P. Nosov, Sots. trud 10 no. 9:77-79 S '65.

MOSCOW—GROCERY TRADE—MANAGEMENT

Deeds and concerns V. Vasil'ev, Sov. tolg. 38 no. 6 35-36 Je '65

MOSCOW—INSURANCE, SOCIAL

We need help. A. Kartashkova, Sots. obshch. 26 no. 6 21-22 Je '65

MOSCOW—INSURANCE, SOCIAL—AUDITING AND INSPECTION

Compulsory checkup V. Kuvykin, Sots. obshch. 26 no. 6:16-17 S '65

MOSCOW—JUVENILE DELINQUENCY

Was there really no investigator? K. Ribl', Sots. zakon. 42 no. 8:18-19 Ag '65.

MOSCOW—KNIT GOODS INDUSTRY

Work practices of the "Krasnyi Vostok" Factory, an enterprise of communist labor. A. T. Manvelian, Tekst. prom. 25 no. 8:48-50 Ag '65.

MOSCOW—LAW—STUDY AND TEACHING

First five years of the university of legal knowledge. Sots. zakon. 42 no. 9:73 S '65.

MOSCOW—LIBRARIES AND READERS

It is impossible to reconcile oneself with this V. Petrovskii, L. Pervoshchina, Biblioteka i 43 no. 9:34-36 '65

MOSCOW—MACHINE-TOOL INDUSTRY—MATHEMATICAL MODELS

Application of matrix models in planning costs. A. Minevskii, Plann. khoz. 42 no. 10:54-57 O '65

MOSCOW—MACHINE-TOOL INDUSTRY WORKERS

Vocation. I. Chepov, Sov. profsoyuzny 21 no. 10:30-31 O '65.

MOSCOW—MACHINEISTS—EDUCATION AND TRAINING

Modern methods of training workers. P. Andrianov, Sots. trud. 10 no. 9:24-30 S '65

MOSCOW—MEDICAL RESEARCH

Work on the methodology of teaching and scientific research at the Medical Faculty. A. P. Gromov, Trudy Un. druzh. nar. 7, Vop. med. no. 1:0-21 '64.

MOSCOW—MEDICINE—STUDY AND TEACHING

Work on the methodology of teaching and scientific research at the Medical Faculty. A. P. Gromov, Trudy Un. druzh. nar. 7, Vop. med. no. 1:0-21 '64.

MOSCOW—MEDICINE, INDUSTRIAL

Life prompts II. O. Dalina, Okht. truda i sots. strakh. 8 no. 9:18-19 S '65

MOSCOW—OLD AGE HOMES

With communal funds. Z. Antipina, Sots. obshch. 26 no. 9:34-37 S '65.

MOSCOW—PEDAGOGICAL LIBRARIES

Library for teachers. M. A. Anashkina, Nach. shkola 33 no. 9:85 S '65.

MOSCOW—POLITICS AND GOVERNMENT

[Bulletin of the Moscow Executive Committee] Blul. Ispol. kom. Mosk. gor. sov. nos. 15-16 Ag '65.

MOSCOW—POSTAL SERVICE

Work conscientiously and render high-quality service to the public. S. G. Volkov, L. I. Yakovlev, Vest. evrazi 25 no. 9:23-26 S '65.

MOSCOW—PRECAST CONCRETE

Analysis of the use of capital assets in the precast-reinforced-concrete industry. M. Tribuchkina, Plann. khoz. 42 no. 10:45-47 O '65.

MOSCOW—PRODUCTION ENGINEERING

Overall mechanization in Moscow enterprises Mekh. i avtom. proizv. 19 no. 8:55-60 Ag '65.

MOSCOW—RESTAURANTS, LUNCHROOMS, ETC.—MANAGEMENT

A lot depends on the local trade-union committee. P. Nikifin, Sov. profsoyuzny 21 no. 18:26-27 S '65.

MOSCOW—SHIPBUILDING—TECHNOLOGICAL INNOVATIONS

Turn out items meeting high standards. E. Shumshakov, V. Kushlin, Rezh. transp. 24 no. 9:26-28 '65

MOSCOW—SPORTS—COMPETITIONS

Festival of strength, dexterity and beauty. Sov. profsoyuzny 21 no. 18:23-25 S '65.

MOSCOW—TECHNOLOGY—INFORMATION SERVICES

Work of the section of technical information and invention in the Moscow Machine Tool and Automated Lines Combine. Iu. E. Rozenfel'd, NTI no. 9:10-13 '65.

MOSCOW—THEATER

A. Lazarev as Walther Scherling. N. Balatova, Teatr. 26 no. 9:120-121 S '65.

Drama versus parables. L. Zhukhovitskii, Teatr. 26

no. 9:123-25 S '65

In an even light. L. Bulgak, Teatr. 26 no. 9:121-125 S '65

In the tale and on our street P. N. Teatr. 26 no. 9:126 S '65

"It was difficult for Lenin..." the play "Sixth of July" performed in the M. Gorkii Moscow Art Theater and in the K. S. Stanislavskii Theater of Drama in Moscow. The drama "Between heavy rains" presented in the V. Mayskii Theater in Moscow and in the A. S. Pushkin Theater of Drama in Leningrad. N. Potapov, Teatr. 26 no. 9:26-33 S '65.

Markov, P. A. [Truth of the theater] Pravda teatru; statii. Moskva, Iskustvo, 1965. 539 p.

On the stage of the Kremlin Theater. Teatr. 26 no. 9:114 S '65

Our common feelings; the play "Always on sale" performed in the Studio-Theater "Sovremennik" Iu. Kagallitskii, Teatr. 26 no. 9:36-41 S '65.

Portrait on the eightieth anniversary of his birth. Iu. Golovashenko, Teatr. 26 no. 9:90-101 S '65.

Teljakovski, V. A. [Reminiscences] Vospominaniia. Leningrad, Iskustvo, 1965. 482 p. (Teatral'nye vospominaniia)

Time dictates I. Vishnevskii, Teatr. 26 no. 9:90-92 S '65.

To be a man; the play "Shy captain" performed in the Central Theater of the Soviet Army. A. Anastasiev, Teatr. 26 no. 9:49-50 S '65

Two days of birth. Leonid Zoria, Teatr. 26 no. 9:127-128 S '65.

MOSCOW, BATTLE OF, 1941-1942

Kolesnik, A. D. [Unfading glory of the defenders of Moscow] Nemorknushchaja slava zashchitnikov Moskvy. Moskva, DOSAAF, 1964. 167 p. (CS-H)

MOSCOW BASIN—COAL GASIFICATION, UNDERGROUND

Evaluating the conditions for the inflow of underground waters of overlying coal series into a gas producer and their effect on the underground coal gasification process in Moscow Basin deposits. N. V. Efremochkin, Trudy VNIIPodzemnaya no. 12:74-81 '61

MOSCOW BASIN—COAL MINES AND MINING—MANAGEMENT

Advantages of the expansion of coal mining in the Moscow Basin. K. K. Kuratsov, A. A. Subbotin, Ugol' 40 no. 9:19-31 S '65.

MOSCOW PROVINCE—BAKERIES

Mechanized production line with a KHPA-40 oven. E. I. Ugarov, Khleb. i kond. prom. 6 no. 9:26-30 S '65. Production combines of the bakers of the Moscow Province. N. S. Tul'skaya, A. I. Ladnev, Khleb. i kond. prom. 9 no. 9:22-27 S '65.

MOSCOW PROVINCE—COMMUNIST YOUTH LEAGUE

"Sunrise", a report. I. Ermishin, Mol. komm. no. 9:39-41 S '65

MOSCOW PROVINCE—COURTS

People's courts. N. Makarova, Sots. zakon. 42 no. 9:8-9 S '65.

MOSCOW PROVINCE—EVAPORATION (METEOROLOGY)

Losses of soil moisture through evaporation and ways for its reduction. L. N. Stepanov, V. M. Stepanova, Dokl. Akad. sei'khov, mask no. 8:18-16 Ag '65.

MOSCOW PROVINCE—FOLK SONGS

Rudneva, A. V., comp. [Folk songs of Moscow Province] Narodnye pesni Moskovskoi oblasti. Zapisi, sostavlenie, predislavie i primechania A. Rudnevoi. Moskva, Izd-vo Muzyka, 1964. 115 p. (NoU)

MOSCOW PROVINCE—GLASS CONSTRUCTION

New products from Moscow area plants for builders. N. I. Dikerman, Stok. i ker. 22 no. 8:1-3 Ag '65.

MOSCOW PROVINCE—INSURANCE, SOCIAL

Control by the Province Council. T. Tallashvili, Sots. obshch. 28 no. 6:14 Je '65.

MOSCOW PROVINCE—SCHOOL CAMPS

"Sunrise", a report. I. Ermishin, Mol. komm. no. 9:39-41 S '65

MOSCOW PROVINCE—SWINE HOUSES AND EQUIPMENT

Experimental swine breeding farm at the "Fryanovskiy" state farm in Moscow Province. Iu. Revkovskii, V. Chergakov, Eksp. proekt no. 5:13-20 '62

MOSCOW PROVINCE—TECHNOLOGY

Technological progress on the threshold of the seven-year plan. G. Podol'shchikov, Sov. profsoyuzny 21 no. 17:4-6 S '65.

MOSCOW PROVINCE—WORKS COUNCILS

Reliable support of party organizations. N. Korotkov, Sov. profsoyuzny 21 no. 18:5-7 S '65

MOSCOW PROVINCE—WORMS, INTESTINAL AND PARASITIC

Larvicide state of some bodies of water and reservoirs in Moscow Province. G. V. Vasil'ev, I. V. Kamenkii, L. P. Birsikova, Vets. zhurn. 41 no. 12:41-42 D '64

MOSCOW REGION—INLAND WATER TRANSPORTATION

River transportation workers of the Moscow area in the defense of the capital. Rezh. transp. 24 no. 5:6 '65.

MOSCOW REGION—INSURANCE, SOCIAL

Diplomas for volunteer workers. A. Kartashkova, Sots. obshch. 26 no. 9:18-19 S '65.

MOSCOW REGION—YAMS

Introduction of Dioscorea in the Moscow region. V. I. Kichenko, Blul. Glav. bot. sadu no. 57:26-35 '65.

MOSCOW RIVER see Moskva River

MOSKVA RIVER—LOCKS (HYDRAULIC ENGINEERING)

New wall design of the lock chamber at the "Izdukommuna" hydroelectric power center. I. Kapella, Rezh. transp. 21 no. 8:36 Ag '62

MOSKVIN, MIKHAIL MIKHAILOVICH, 1905-

M. M. Moskv. on his 60th birthday and 35th anniversary of pedagogical and research activities. Vest. Mosk. un. Ser. 4 Geol. 20 no. 1:86-87 Ji-Ag '65.

MOSQUITOES see subdivision under Maritime Territory

MOSSES see subdivision under Sayan Mountains

MOSTOVOI, AFANASII TROFIMOVICH

A. T. Mostovoi, obituary. Sov. pedagog. 20 no. 6:157 Je '65.

MOTION

Approximate evaluation of the total behavior of the trajectories of the disturbed motion of some nonlinear systems. I. A. Mukhametjanov, Trudy Un. druzh. nar. 1, Teor. mekh. no. 1:47-51 '63.

Derivation of a multitude of differential equation systems of a steady motion according to a given program. I. A. Mukhametjanov, Trudy Un. druzh. nar. 1, Teor. mekh. no. 1:52-55 '64.

Determining periodic motions of a controlled system. I. S. Tashin, Trudy Un. druzh. nar. 5, Teor. mekh. no. 2:116-124 '64.

Motion stability in near-critical cases. G. V. Kamenkov, Trudy Un. druzh. nar. 1, Teor. mekh. no. 1:3-15 '63.

Necessary conditions for extreme characteristics of the programmed motion of a heavy particle with variable mass. A. S. Gal'fulin, Trudy Un. druzh. nar. 5, Teor. mekh. no. 2:141-145 '64.

Nonstationary adiabatic centrally symmetrical motions of matter in the general theory of relativity. S. M. Kolesnikov, K. P. Stanukovich, Prikl. mat. i mekh. 20 no. 4:718-722 Ji-Ag '65.

Problem of the stability of unsteady motion in a finite time interval. Iu. A. Neparlin, Trudy Un. druzh. nar. 5, Teor. mekh. no. 2:94-101 '64.

Problems of motion stability arising in the development of the control law for program controlled systems. I. A. Mukhametjanov, Trudy Un. druzh. nar. 5, Teor. mekh. no. 2:70-82 '64.

Stability limits for nonlinear system. Iu. A. Neparlin, Trudy Un. druzh. nar. 1, Teor. mekh. no. 1:16-26 '64.

Stability of a controlled system in a critical case. S. A. Gorbatenko, Trudy Un. druzh. nar. 1, Teor. mekh. no. 1:27-35 '63.

Stability of a nonlinear controlled system in a near-critical case. S. A. Gorbatenko, Trudy Un. druzh. nar. 1, Teor. mekh. no. 1:36-46 '63.

Stability of almost periodic motions in certain critical cases. R. M. Nosyrov, Trudy Un. druzh. nar. 5, Teor. mekh. no. 2:30-44 '64.

Stability of stationary motions of a heavy solid of revolution on an absolutely rough horizontal plane. I. M. Mindlin, G. K. Pochai'skii, Prikl. mat. i mekh. 29 no. 4:742-748 Ji-Ag '65.

Stability of the motion of a controlled body in the control field of force. I. A. Mukhametjanov, Trudy Un. druzh. nar. 5, Teor. mekh. no. 2:101-105 '64.

Stability of the unsteady motion of a controlled system. Iu. A. Neparlin, Trudy Un. druzh. nar. 5, Teor. mekh. no. 2:105-115 '64.

Stability of unsteady motion of short-time acting controlled systems in a particular case. S. A. Gorbatenko, Trudy Un. druzh. nar. 5, Teor. mekh. no. 2:83-93 '64.

Using the methods of Chebyshev approximation in investigating the stability of motion in critical cases. L. A. Dlugach, Prikl. mekh. 1 no. 8:139-140 '65.

MOTION-PICTURE AUDIENCES

(see also subdivision under Leningrad)

Movie-goers are the most important L. K. Otkrit' 42 no. 9, 191-193 S '65.

MOTION-PICTURE FESTIVALS

Urency, R. N. [Cannes, Moscow, Venice, motion-picture festivals of 1963] Kan, Moskva, Venetsia, kinofestival 1963. [Moskva, Iskustvo, 1963] 232 p. (NIC)

MOTION-PICTURE PHOTOGRAPHY—DEVELOPING AND DEVELOPERS

From the experience in the operation of V-1-35/22 and VA-1-32/22 developing machines. B. V. Trofimov, L. Sh. Reznikovskaya, V. V. Solovov. Tekh. kino i telev. 9 no. 8, 38-43 Ag '65.

MOTION-PICTURE PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

Device for preventing foam accumulation in the processing of motion-picture films. N. S. Spasokopotskii, A. Ia. L'vova. Tekh. kino i telev. 9 no. 8, 62-63 Ag '65. [Photographic and motion-picture equipment] Ref. zhur. Fotokinetekh. no. 9 S '65.

MOTION-PICTURE PHOTOGRAPHY, MEDICAL

Electrocardiography with simultaneous vectorcardiography. R. Z. Aronov. Fiziol. zhur. 50 no. 12, 1500-1506 D '64.

MOTION-PICTURE PLAYS

Bodyk, L. O. [Sources of great motion pictures; reminiscences of A. P. Dovzhenko] Dzhhera vel'ykoho kino; spohady pro O. P. Dovzhenka. Kyiv, Radians'kyi pys'mennyk, 1965. 158 p.

A film about a ballerina. Evg. Ivanova. Sov. muz. 29 no. 8, 115-119 Ag '65.

MOTION PICTURES

(see also subdivision under Czechoslovakia, Poland) In the State Committee of Motion Pictures. Tekh. kino i telev. 9 no. 8, 94 Ag '65.

Shklovskii, V. B. [For forty years; articles on motion pictures] Za sorok let, stat'i o kino. Moskva, Iskustvo, 1965. 151 p.

MOTION PICTURES—ABSTRACTS

Abstracts. Tekh. kino i telev. 9 no. 8, 77-83 Ag '65.

MOTION PICTURES—PRODUCTION AND DIRECTION

Bek-Nazarov, A. I. [Notes of an actor and motion-picture producer] Zapiski aktera i kinorezhissera. Moskva, Iskustvo, 1965. 269 p. illus.

MOTION PICTURES—SPECIAL EFFECTS

Electric "acoustic" noisemaking instrument. Ia. I. Beliaev, V. S. Ostrovskii. Tekh. kino i telev. 9 no. 8, 33-37 Ag '65.

MOTION PICTURES, TALKING

Chudnovskii, I. A. [Collection of defects in amplifiers] Usiraniye neispravnostei v usilitel'nykh. Moskva, Iskustvo, 1965. 298 p. (Biblioteka kinomekhanika)

MOTION PICTURES IN EDUCATION

Literature, motion pictures, and the school. U. Gural'nik. Vop. lit. 9 no. 9, 117-138 S '65.

MOTION PICTURES IN INDUSTRY

High-speed motion-picture photography of the performance of the feet of a transducer with a vibration feeder and generator. B. G. Khazin. Trudy LPI no. 250, 71-74 '65. Using science and technology motion pictures in promoting advanced production practices. P. M. Krasnov. NTI no. 8, 17-18 '65.

MOTION SICKNESS

Excitation of the vomiting center in motion sickness. I. D. Pestov. Probl. kosm. biol. 4, 535-542 '65.

MOTOR ABILITY

Porzon, R. S. [Muscle antagonists in the movements of man] Myshitsy-antagonisty v dvizheniyakh cheloveka. Moskva, Nauka, 1965. 112 p.

MOTOR FUELS

Using isoparaffinic components and catalytic reforming gasoline in the production of high-octane automobile fuels. N. R. Bursitan and others. Khim. i tekhn. topl. i masel 10 no. 9, 1-5 S '65.

MOTOR SHIPS

(see also subdivision under Italy)

The motor ship "Matai." A. Tolmashov. Rech. transp. 21 no. 8, 40-41 Ag '62.

A new cargo motor ship for the Yenisey River. A. Le-khtster. Rech. transp. 21 no. 5, 37-38 '65.

Trials voyage of the motor ship "Volgo-Don 7" on the Volga-Baltic Sea Waterway. N. Komissarov. Rech. transp. 24 no. 5, 54-55 '65.

MOTOR VEHICLE DRIVERS

Drivers' training should be in the center of attention. S. Pevzner. Avt. transp. 43 no. 8, 37-38 Ag '65.

Driving without accidents is the basis of a training.

V. Gorovoi. Avt. transp. 43 no. 8, 36 Ag '65.

Methods for drivers' training. N. Osipov. Avt. transp. 43 no. 8, 36-39 Ag '65.

More attention to drivers' training. K. Poltev, M. Poltev. Avt. transp. 43 no. 8, 39-40 Ag '65.

Promote good traditions of collectives. N. Orlov. Avt. transp. 43 no. 8, 8 S '65.

Sabinin, A. A., I. P. Plekhanov, and V. A. Chernalukhin. [Manual for the driver of the second class] Uchebnik shofera vtorogo klassa. Lst. 2, peier 1 dop. Moskva, Transport, 1965. 393 p.

MOTOR VEHICLES

Brukhovets, D. V. [Assembling and testing motor vehicles, tractors and motorcycles] Shkola i ispytaniya avtomobilov, traktorov i mototsiklov. Moskva, Vysshaya partiynaya shkola, 1965. 361 p.

MOTOR VEHICLES—COLD WEATHER OPERATION

Advantages are evident. E. Usov. Avt. transp. 43 no. 8, 20 Ag '65.

Air heating of motor vehicles. Avt. transp. 43 no. 8, 13 Ag '65.

Air-heating system for every automotive transportation unit. M. G. Zheshchuk. Avt. transp. 43 no. 8, 21 Ag '65.

Air-heating systems for outside storage of motor vehicles. V. Komissarov. Avt. transp. 43 no. 8, 19 Ag '65.

Analysis of basic structural parameters of air-heating units for motor vehicles. L. Aniskin, P. Barnachuk, R. Korolev. Avt. transp. 43 no. 8, 13-17 Ag '65.

Calculating economic efficiency of the introduction of air-heating systems in an automotive transportation unit. Kh. Kvitko. Avt. transp. 43 no. 8, 10-18 Ag '65.

MOTOR VEHICLES—DYNAMICS

Investigating the movement of motor vehicles on mountain roads with prolonged upgrades. A. E. Bol'skii, T. A. Kukeleva. Avt. prom. 31 no. 8, 18-19 S '65.

MOTOR VEHICLES—ENGINES

Effect of cooling-water temperature on the thermal conditions of parts of motor-vehicle engines. A. V. Kostrov, R. M. Kuniavskii. Avt. prom. 31 no. 9, 3-5 S '65.

Using resistance thermometers in testing motor vehicle engines. I. U. G. Gornushkin. Avt. prom. 31 no. 9, 12-14 S '65.

MOTOR VEHICLES—ENGINES (COMPRESSED GAS)

Power needed for the drive of the turbocompressor supercharger of a motor-vehicle engine. E. N. Zolchenko, E. V. Aboltin. Avt. prom. 31 no. 9, 6-9 S '65.

MOTOR VEHICLES—EXHIBITIONS

Transportation in construction. A. Davydov. Inform. biul. VDNKH no. 9, 10-12 S '65.

MOTOR VEHICLES—FUEL SYSTEMS

Fainleib, B. N., I. G. Golubkov, and L. A. Klochev. [Methods for testing and investigating the fuel systems of motor-vehicle and tractor diesel engines] Metody ispytaniy i issledovaniy toplivnoi apparatury avtotraktornykh dizelei. Moskva, Mashinostroyeniye, 1965. 174 p.

MOTOR VEHICLES—IGNITION

St. alightway. E. Markl, A. Miroshnichenko, O. Poturaev. Izob. i izn. no. 9, 19 '65.

MOTOR VEHICLES—MAINTENANCE AND REPAIR

(see also subdivision under Volgograd)

Device for flattening kingpin bushings. A. Polubabkin. Avt. transp. 43 no. 8, 43 Ag '65.

Improvement of production quality is our most urgent objective. L. Zlotin. Avt. transp. 43 no. 8, 24-26 S '65.

Repairing the crankcase of steeling bevel gears of the UAZ motor vehicles. L. Sorokin. Avt. transp. 43 no. 8, 28-30 S '65.

Unit for washing small parts. I. Rastorguev, P. Popov. Avt. transp. 43 no. 8, 48-49 Ag '65.

Using chemical materials in the maintenance and repair. G. Kulikov, G. Malyshev. Avt. transp. 43 no. 8, 51 Ag '65.

MOTOR VEHICLES—RADIATORS

Burkov, V. V. [Aluminum radiators for motor-vehicle and tractor engines] Aluminievye radiatory avtotraktornykh dvigatelei. Moskva, Mashinostroyeniye, 1961. 190 p.

MOTOR VEHICLES—SPRINGS AND SUSPENSIONS

Theory of the performance of pneumatic-hydraulic devices of a suspension. A. D. Derbaremdiker. Avt. prom. 31 no. 9, 10-18 S '65.

MOTOR VEHICLES—TRANSMISSION DEVICES

Investigating the shifting process in a hydromechanical transmission. I. U. P. Volkov. Trudy LPI no. 249, 47-51 '65.

Pogarskii, N. A. [Universal transmissions of pneumatically filled motor vehicles] Universalnye transmisii puzir'nykh mototsykh mashin. Moskva, Mashinostroyeniye, 1965. 210 p.

MOTORBUS INDUSTRY

(see also subdivision under Leningrad)

MOTORBUS TERMINALS—MANAGEMENT

(see also subdivision under Kiev)

MOTORBUSES—EQUIPMENT AND SUPPLIES

Automatic ticket distributor for motorbuses. V. Rodionov. Avt. transp. 43 no. 8, 12 Ag '65.

MOTORBUSES—WINDOWS AND WINDSHIELDS

Device for fitting glass in windows. A. I. Smakov. Avt. transp. 43 no. 8, 41 Ag '65.

MOTORCYCLES

Brukhovets, D. V. [Assembling and testing motor vehicles, tractors and motorcycles] Shkola i ispytaniya avtomobilov, traktorov i mototsiklov. Moskva, Vysshaya partiynaya shkola, 1965. 361 p.

MOTORCYCLES—RELIABILITY

Increasing the reliability and durability of the K-7500 motor cycle. M. Milyutin, G. I. Lukashchikov, I. V. Petko. Mashinostroyeniye no. 5, 15-18 S '65.

MOTORTRUCKS

Specifications for the new makes of motortrucks. Avt. transp. 43 no. 8, 31-35 Ag '65.

Stability coefficient of a truck loader. N. G. Alabkin. Avt. prom. 31 no. 9, 1-5 S '65.

MOTORTRUCKS—EQUIPMENT AND SUPPLIES

Compressor of the GAZ-66 motor truck. V. Kuzovkin, L. Zelnin. Avt. transp. 43 no. 8, 42 S '65.

Elastic rubber elements of traction and coupling devices. R. Morozov, G. Nipol'skii. Avt. transp. 43 no. 8, 11 S '65.

MOTORTRUCKS—LUBRICATION

An experiment that deserves attention. G. A. Arzhan, Z. Poz. Tekhn. vel'kikh. 25 no. 8, 81 Ag '65.

MOTORTRUCKS—MAINTENANCE AND REPAIR

(see also subdivision under Bolokutskiy District, Khov)

Maintenance of motor trucks operating far away from the bases. O. Chepurnov, G. Nikolaenko, A. Lapushchikov. Avt. transp. 43 no. 8, 18 Ag '65.

MOTORTRUCKS—SPRINGS AND SUSPENSIONS

Using cold extrusion techniques in manufacturing spring hangers for the GAZ-69 motor truck. A. Sh. Muzasov, I. I. Kapilev. Avt. prom. 31 no. 9, 33-34 S '65.

MOTORTRUCKS—TESTING

Determining operating conditions of the 6x6-type motor truck. R. G. Amadorov, G. A. Krestovnikov, V. M. Semenov. Avt. prom. 31 no. 9, 10-12 S '65.

MOUNDS

Iekhtzov, M. D. [Riddles of the ancient kurgans] Zapiski drevnykh kurganov. [Sarator] Izd-vo Saratovskogo univ., 1961. 136 p. (MII)

MOUNTAIN ASH (SORBUS) see Rowan

MOUNTAIN CRANBERRY

Forest vitamins. V. V. Barykina. Priroda 54 no. 6, 125-127 S '65.

MOUNTAIN WARFARE

Engineer support of an offensive in the mountains. B. Budanin. Voen.-ist. zhur. 7 no. 8, 106-111 Ag '65.

MOUNTAINS

Basic criteria determining the intensity of turbulence in a mountainous region. D. I. Likhitsman, F. I. Blutner. Trudy GGO no. 171, 32-37 '65.

Conditions of the evolution of cloudiness depending on orography. A. B. Dubinskii, T. N. Bibikova. Trudy GGO no. 171, 130-133 '65.

Problems of meteorological flight security on helicopter routes in mountainous regions. P. A. Vozdubov, A. A. Vasil'ev. Trudy GGO no. 171, 122-129 '65.

MOUTH—DISEASES

Clinical aspects and treatment of leukoplakia of the mucous membrane of the oral cavity. O. H. Mamedov. Azerb. med. zhur. 42 no. 6, 80-83 Je '65.

Pathological changes in the oral cavity in goats. M. G. Zaripova. Nauch. trudy Kaz. gos. med. inst. 14, 429-430 '64.

Role of neurohumoral factors in trophic disorders of the oral cavity in experimental gastric ulcer in dogs. P. A. Khamitov. Nauch. trudy Kaz. gos. med. inst. 14, 321-322 '64.

MOUTH—INNERVATION

Comparative morphological analysis of the structure and topography of the receptors of the oral cavity in man and mammals. D. V. Burnasheva. Nauch. trudy Kaz. gos. med. inst. 14:125-126 '61.

MOUTH—MICROBIOLOGY

Effect of the ED-5, PD-6 and C-40 epoxy resins on the microflora of the oral cavity. L. P. Bobovichikh. Nauch. trudy Kaz. gos. med. inst. 14:113-114 '64.

MOVEMENT (PHYSIOLOGY)

Changes in the motor activity in chick embryos at an early stage of development under the effect of monochromatic light. A. V. Buisan. Fiziol. zhur. 51 no. 9:1090-1093 S '65.

Changes in the threshold of motor response to a direct stimulation of the cerebral cortex and reflex excitability of the spinal cord in ether anesthesia and artificial hyperventilation. E. K. Aganin, V. M. Benamen. Biol. eksp. biol. i med. 60 no. 8:9-14 Ag '65.

Effect of eight-hour isolation and hypokinesia on some physiological and biochemical indices in man. V. S. Georgievskii and others. Probl. kosm. biol. 1:27-30 '65.

Effect of partial limitation of motor activity on basic physiological processes in monkeys. I. D. Bogina and others. Probl. kosm. biol. 1:308-315 '65.

Effect of prolonged hypokinesia on the human resistance to stressors. A. R. Kotovskaya and others. Probl. kosm. biol. 1:333-342 '65.

Spontaneous motor activity in rats, its recording and changes following destruction of the nuclei caudati. M. M. Oleshko. Fiziol. zhur. [Ukr.] 10 no. 3:301-306 My-Je '64.

MOVEMENT, PSYCHOLOGY OF

Ways of the formulation by man of the consecutiveness of action. N. A. Rekotova. Probl. kosm. biol. 1:631-641 '65.

MOVEMENT DISORDERS

Classification and pathogenesis of hypokinesias. L. S. Petelin. Zhur. nev. i psikh. 85 no. 2:179-186 '65.

Study on the reticular formation of the brainstem in disorders of motor functions in chronic excitative states. I. P. Anokhina. Probl. obshch. i sud. psikh. no. 14:229-238 '63.

Treatment of cerebral palsy in children with hypokinesia and cerebellar disorders. S. E. Safrai. Zhur. nev. i psikh. 85 no. 2:245-249 '65.

MOZART, WOLFGANG AMADUS, 1756-1791

Mozart lives in all of us. A. Blazunov. Sov. muz. 29 no. 8:81-82 Ag '65.

MUCINS

Causes of selective fluorescence of mucins in acridine orange stained sections following treatment with iron alum. L. N. Helov, I. G. Tsel'larus. Izv. SO AN SSSR no. 8. Ser. biol.-med. nauk no. 2:130-131 '65.

MUCOIDS

Effect of lesions of the liver on the content of mucoproteins in the blood in inflammatory processes. F. S. Baranova. Biol. eksp. biol. i med. 60 no. 8:57-61 Ag '65.

MUGODZHAR HILL REGION—FELDSPAR

Potassium sodium feldspar in the alkali rocks of the Boraukany Massif. A. T. Bekhetov. Trudy Inst. geol. nauk AN Kazakh SSR 12:133-141 '65.

MUGODZHAR HILL REGION—ROCKS, IGNEOUS

Potassium sodium feldspar in the alkali rocks of the Boraukany Massif. A. T. Bekhetov. Trudy Inst. geol. nauk AN Kazakh SSR 12:133-141 '65.

MUKHACHEVO (UKRAINE)

[Get acquainted with Mukhachevo, Beregovy and Khust!] Znaki "tos" - Mukhachevo, Beregovy, Khust! Uzhgorod, Karpaty, 1964. 108 p. illus. (NIC)

MULTIPLE INTEGRALS see Integrals, Multiple

MULTIPLE SCLEROSIS

Significance of experimental histological and chemical studies of peroxidase and acid phosphatase in the diagnosis of multiple sclerosis. A. L. Leonovitch. Dokl. AN SSSR 9 no. 6:422-424 Je '65.

MURGAB DELTA—SOILS, SALTS IN

Saline dynamics in soils and underground waters of the massif of ancient irrigation in the Murgab Delta. F. F. Trapeznikov. Izv. AN Turk. SSR. Ser. biol. nauk no. 3. 20-28 '65.

MURGAB DELTA—WATER, UNDERGROUND

Saline dynamics in soils and underground waters of the massif of ancient irrigation in the Murgab Delta. F. F. Trapeznikov. Izv. AN Turk. SSR. Ser. biol. nauk no. 3. 20-28 '65.

MURGAB VALLEY—SNAKES

Color forms of the Indian rat snake (*Ptyas mucosus* L.) IU K. Gornov, IU. A. Orlov. Izv. AN Turk. SSR. Ser. biol. nauk no. 4:94-95 '65.

MURMANSK—FISHERMEN

Visiting the sailors of the fishing fleet. A. Temchev. Mor. flot 24 no. 8:5 Ag '64.

MURMANSK—SHIPYARDS

Murmansk Shipyards. P. G. Tinchin. Ryb. khoz. 11 no. 7:40-41 '65.

MUSCLE

Action of dibazol on frog muscle tissue. V. P. Troshina. TSitologiya 6 no. 3:362-365 My-Je '64.

Course of oxidative processes in a denervated muscle in senescence. T. I. Grishko, I. I. Parkhatik. Fiziol. zhur. 51 no. 9:1094-1099 S '65.

Distribution of active procion bright red dye between the muscular tissue and the medium. V. P. Troshina. TSitologiya 7 no. 4:562-566 Ji-Ag '65.

Distribution of amino acids between the frog muscle and the environmental medium. A. S. Troshin, L. N. Pisareva. TSitologiya 7 no. 1:570-573 Ji-Ag '65.

Distribution of phenol red between the muscle and the medium in the solutions of various tonicity. N. N. Nikol'skii, N. A. Vinogradova. TSitologiya 7 no. 4:560-570 Ji-Ag '65.

Effect of diploin on the phasic and tonic activity of the neuromuscular apparatus in frogs. V. I. Alatyev, L. N. Zefirov. Nauch. trudy Kaz. gos. med. inst. 11:71-72 '64.

Effect of fixatives on the size of histological elements. B. I. Pashernitskii. Vest. LGU 20 no. 15:156-158 '65.

Effect of papaverine and some inhibitors on the creatine kinase in the skeletal muscles. E. P. Chelverikova. Dokl. AN SSSR 164 no. 3:606-608 S '65.

Heat resistance of aldolase in the muscles and muscle extracts of a grass frog. E. D. Makhlis. TSitologiya 7 no. 4:570-582 Ji-Ag '65.

Morphological and some histochemical changes in the transverse striated muscles in various forms of denervation. V. B. Potapova. Biol. eksp. biol. i med. 60 no. 8:115-118 Ag '65.

Salt resistance of muscles in active and diapausing nymphs of the codling moth. N. B. El'makina. TSitologiya 7 no. 1:538-546 Ji-Ag '65.

Time factor and other conditions in nerve and muscle stimulation in the works of I. M. Sechenov and other Russian researchers of the 19th century. D. G. Kvasov. Fiziol. zhur. 50 no. 12:1507-1511 D '64.

MUSCLES

Methodology for studying the electric properties of nerve and muscle fibers by means of surface extracellular electrodes. D. P. Artemenko, M. F. Shuba. Fiziol. zhur. [Ukr.] 10 no. 3:403-407 My-Je '64.

MUSCLES—DISEASES

Some mechanisms of disorders in the activity of skeletal muscles in serum allergy. I. M. Bakhtulin. Nauch. trudy Kaz. gos. med. inst. 14:271-272 '64.

MUSCLES—INNERVATION

Micromorphological characteristics of the proprioceptive nerve endings of the skeletal muscles during the period of their regeneration. N. V. Tirofseva. Nauch. trudy Kaz. gos. med. inst. 14:291-292 '64.

Study of substantial changes during the pessimum. L. A. Shapiro. TSitologiya 7 no. 4:500-510 Ji-Ag '65.

"Transitional" fibers in the skeletal musculature of a frog. G. A. Naaladov, V. V. Fedorov. Arkh. anat., gist. i embriol. 49 no. 3:72-76 Ag '65.

MUSCLES—MOTILITY

Effect of adenosine triphosphate and metabolism inhibitors on the tetanus and the contracture of skeletal muscles. E. K. Zhukov. TSitologiya 7 no. 1:510-520 Ji-Ag '65.

MUSCOVITE

Possible usage of the method of infrared spectroscopy for studying the isomorphic substitutions in muscovites. D. K. Arkhipenko, L. T. Kovaleva, T. N. Grigor'eva. [Trudy] Inst. geol. i geofiz. Sib. otd. AN SSSR no. 32:102-106 '65.

MUSCULAR ATROPHY see Atrophy, Muscular

MUSCULAR DYSTROPHY

Tissue element content of the meat of calves with white muscle disease. Kh. Z. Tugirov. Veterinariia 41 no. 12:76-78 D '64.

MUSCULOSKELETAL SYSTEM

Characteristics of synaptic transmission in various fibers of the tonic skeletal musculature in frogs. N. M. Shamalina. Fiziol. zhur. 51 no. 9:1080-1089 S '65.

MUSCULOSKELETAL SYSTEM—DISEASES

Neurological syndromes in some diseases of the locomotor apparatus. K. D. Logachev. Zhur. nev. i psikh. 85 no. 2:201-209 '65.

MUSEUMS see also subdivision 'Art galleries and museums' under Leningrad, Moscow

MUSHROOMS, EDIBLE

Parmasto, E. Kh. [Key for identification of the coral fungi of the U. S. S. R., family Clavariaceae] Opredelitel' rogatekovykh gribov SSSR, ser. Clavariaceae, Moskva, Nauka, 1965. 163 p.

MUSIC

(see also subdivision under Lithuania, Uzbekistan)

Brief news. Sov. muz. 29 no. 8:153-160 Ag '65.

In musical orbit. Sov. muz. 29 no. 8:147-152 Ag '65.

MUSIC—INSTRUCTION AND STUDY see subdivision under Vilnius

MUSIC—PHILOSOPHY AND AESTHETICS

(see also subdivision under Poland)

Ways of the development of the language of modern music. L. Mazel'. Sov. muz. 29 no. 8:6-20 Ag '65.

MUSIC—THEORY

Genres, forms, and creative search. O. Taktakishvili. Sov. muz. 29 no. 8:65-67 Ag '65.

MUSIC, LITHUANIAN

Past performances. A. Livonius. Sov. muz. 29 no. 8:50-61 Ag '65.

MUSIC LIBRARIES see subdivision under Voronezh

MUSICAL INSTRUMENTS, ELECTRONIC

Electric "acellon" noise-making instrument. I. A. I. Belnev, V. S. Ostrovskii. Tekh. kino i telev. 9 no. 8:33-37 Ag '65.

MUSTARD

Effect of isophenylarsonic acid on protein metabolism in Indian mustard. E. P. Uglumov and others. Khim. v sel'. khoz. 3 no. 8:48-49 Ag '65.

MUTUAL ECONOMIC ASSISTANCE COUNCIL

Practical cooperation between the Ukrainian S. S. R. and the socialist countries. M. Getmanets. Komm. Ukr. 10 no. 9:42-52 S '65.

Some results of the Scientific Technical Conference of the Member States of the Mutual Economic Assistance Council in the field of sea and ocean fisheries. N. M. Saburenkov. Ryb. khoz. 11 no. 7:90-92 '65.

MYASTHENIA GRAVIS

Phenomenon of posttetanic potentiation in myasthenia and myotonia. V. M. Sirotkin. Nauch. trudy Kaz. gos. med. inst. 14:513-544 '64.

MYCELIUM

Cultivation of *Actinomyces fradino* 129 under conditions of a mechanical influence on the mycelium. A. N. Meshkov, M. M. Levitov. Antibiotiki 10 no. 8:685-688 Ag '65.

MYCETIN

Mycetin B₁, B₂ and C, the new antibiotics of the rhodomyacin group. G. Z. Iakubov. Antibiotiki 10 no. 9:771-776 S '65.

MYCOBACTERIUM

Immunomorphological changes in white rats following the introduction of a mycobacterial adjuvant. G. B. Kovalevskii. Zhur. mikrobiol., epid. i immun. 12 no. 3:117-123 Ag '65.

MYCOBACTERIUM TUBERCULOSIS

Bacteriophage and a tuberculosis problem. B. L. Mazur. Nauch. trudy Kaz. gos. med. inst. 14:210-220 '64.

Detection of Mycobacterium tuberculosis by fluorescence and phase contrast microscopy. M. G. Berlin and others. Nauch. trudy Kaz. gos. med. inst. 14:101-102 '64.

Detection of Mycobacterium tuberculosis in the sputum in relation to the form of the tuberculous process and the quantity of antibiotics taken. K. B. Brudnina, R. I. Slepova. Nauch. trudy Kaz. gos. med. inst. 14:377-378 '64.

MYCOPLASMA

Basic trends in the cinematographic study of L-form bacteria and Mycoplasma. S. G. Kozlov and others. Vest. AMN SSSR 20 no. 6:20-22 '65.

Biological characteristics of Mycoplasma polluting tissue cultures. I. V. Rakovskaya. Vest. AMN SSSR 20 no. 8:50-54 '65.

Biology of L-form bacteria and Mycoplasma, pathogens of diseases of the respiratory organs and the upper respiratory tract. S. B. Prorokovskii and others. Vest. AMN SSSR 20 no. 8:71-82 '65.

MYCOPLASMA (Continued)

- Comparative characteristics of the cytopathogenic effect of various types of L-form bacteria and Mycoplasma in tissue culture. G. I. Kagan and others. Vest. AMN SSSR 20 no. 8:66-74 '65.
- Comparative diagnosis of Mycoplasma infection and vitamin A deficiency. V. A. Shubin. Veterinarika 41 no. 12:36-37 D '64.
- Experience in the diagnosis of diseases caused by Mycoplasma pneumoniae, N. M. Porubinskaya, M. S. Zakharova, M. A. Furman. Vest. AMN SSSR 20 no. 8:82-86 '65.
- Histological differential diagnosis of Mycoplasma infection and aspergillosis in turkeys. V. V. German. Veterinarika 42 no. 7:41-44 JI '65.
- Morphology of Mycoplasma-type micro-organisms, isolated from tissue cultures. L. A. Trunova and others. Izv. SO AN SSSR no. 8, Ser. biol., med., nauk no. 2:148-153 '65.
- Results and perspectives of the study on L-form bacteria and the family Mycoplasmataceae. V. D. Timakov, G. I. Kagan. Vest. AMN SSSR 20 no. 8:3-12 '65.
- Some physiological characteristics of L-form bacteria of various types and Mycoplasma as possible sources of their differentiation. A. N. Bitkova, E. I. Koptelova, R. P. Kavtorina. Vest. AMN SSSR 20 no. 8:23-29 '65.

MYCOSIS

- Alekovich, A. M., and Z. G. Stepanishcheva. [Candidiasis and other mycoses as complications in antibiotic therapy]. Kandidimikoz i drugie mikroorganizmnye antibiotikoterapii. Moskva, Meditsina, 1965. 298 p.
- (DNLM)
- Experience in the treatment of fungiform mycosis with the antibiotic aurantin. V. V. Nagibin. Sov. med. 28 no. 9:123-127 S '65.
- Results of the use of Castellani's paint in some dermatoses. L. P. Gorovits. Sov. med. 28 no. 9:121-123 S '65.

MYONEURAL JUNCTION

- Participation of the glial Schwann's elements in changes of myoneural synapses during pathological processes and in experiments. G. A. Polikarpova, L. G. Svadko, G. N. Shmeleva. Nauch. trudy Kaz. gos. med. inst. 14:261-262 '64.

MYOTONIA

- Phenomenon of posttetanic potentiation in myasthenia and myotonia. V. M. Sirotkin. Nauch. trudy kaz. gos. med. inst. 14:543-544 '64.

MYXEDEMA

- Characteristics of intellectual disorders in children with congenital myxedema. S. N. Zinchenko. Trudy TSU 78:71-76 '65.

NAGORSKII, VALENTIN FEDORSEEVICH, 1845-1912

- V. F. Nagorskii as the organizer of the Russian veterinary service. M. V. Nagorskii, V. A. Bazanov. Veterinarika 41 no. 12:91-92 D '64.

NAKAGAWA, TORU, 1911-

- People and events: Mikhail Aleksandrovich Sholokhov. Toru Nakagawa. Nov. vrem. 23 no. 43:8,21 O '65.

NAKHICHEVAN A. S. S. R.—JUVENILE DELINQUENCY

- By joint efforts. M. I. Lubov. Sots. zakon 42 no. 9, 90-61 S '65.

NAKHICHEVAN A. S. S. R.—ROCK PRESSURE

- Results of measuring pressure in the developments of the Nakhichevan salt mines by the seismic pulse method. Sh. N. Mamedov, B. A. Osipova. Izv. AN Azerb. SSR, Ser. 61-65 '65.

—SEISMIC PROSPECTING

- Pressure in the developments of the by the seismic pulse method. Mamedov, Sh. N. Azerb. SSR, Ser. 31-65 '65.

TERRITORY)—LONGSHOREMEN

- . Strel'tsov. Mor. flot 24 no. 8:

CORTS, WATERING PLACES,

- aucoma with general mineral No. 1 spring at the Nal'chik urikov. Sbor. nauch. trud. 3.

der Siberia

- . see subdivision under

- ription of personal names; a ostia sobstvennykh imen; prak-2, 1. pr. i dop. Moskva, Kniga,

NAPHTHALENE

- Causes of the damping of electron paramagnetic resonance signals and the luminescence of photo-excited naphthalene molecules in polymethylmethacrylate. E. L. Sorin, V. B. Tsiregtsadil. Fiz. tsvet. tela 7 no. 8:2397-2398 Ag '65.
- Intramolecular hydrogen bonds in excited states of some o-disubstituted naphthalenes. B. A. Zadorozhnyi. Zhur. fiz. khim. 39 no. 8:1944-1948 Ag '65.
- Reaction of dimethyl and phenylmethylchlorosilanes with 1,4-dithiolene-1,4-dithiol naphthalene. R. Sh. Tsehelavili, K. A. Andrianov, A. I. Negaidell. Izv. AN SSSR Ser. khim. no. 8:1386-1402 '65.

NAPHTHALENE—SPECTRA

- Using gas chromatography and molecular spectroscopy in the quantitative analysis of naphthalene hydrocarbons C₁₀-C₁₂. K. M. Vaisberg and others. Khim. i tekhn. topl. i masel 10 no. 9:53-57 S '65.

NAPHTHYLAMINES

- Kinetics of molybdenum (V)-catalyzed reaction of naphthylamine oxidation with bromate. K. B. Iatimskii, A. P. Filippov. Kin. i kat. 6 no. 4:671-681 JI-Ag '65.

NARROW-GAUGE RAILROADS see Railroads, Narrow-Gauge

NARVA (ESTONIA)—SAVINGS BANKS

- From lagging to the progressive ones. A. Klimov. Den. i kred. 23 no. 9:47-48 S '65.

NASONOV, DMITRII NIKOLAEVICH, 1895-1957

- Peterhof period in the scientific activity of Dmitrii Nikolaevich Nasonov, 1920-1933. I. I. Polianskii. TSitologiya 7 no. 4:414-417 JI-Ag '65.

NATIONALITIES see subdivision under Pakistan

NATROLITE

- Composition and physical properties of manganese apatites from pegmatites of the natrolite type. V. V. Gordenko, A. P. Denilov, V. V. Kolesnikova. Min. i geokhim. no. 1:45-56 '64.

NATURAL GAS see Gas, Natural

NATURAL HISTORY see subdivision under Caucasus Preserve

NATURAL RESOURCES

- (see also subdivision under Komi A. S. S. R.)

- Lukashov, K. I., and V. K. Lukashov. [Science discloses the mysteries of nature]. Nauka i skryvaet тайны природы. Minsk, Nauka i tekhnika, 1965. 159 p.

NATURE STUDY

- Sensory education. V. Temkina, N. Fomina. Doshk. vosp. 38 no. 8:18-20 Ag '65.

NAUTICAL ASTRONOMY

- Dip of the visible horizon in the Arctic. A. Tarnasov. Mor. flot 24 no. 8:19-21 Ag '64.

NAUTICAL CHARTS

- Simplify the corrections of nautical charts and aids on ships. R. Stepanenko. Mor. flot 25 no. 9:16-17 S '65.

NAVAL ARCHITECTURE

- Dorogostalskii, D. V., ed. [Theory and construction of ships]. Teoriya i ustroystvo sudov. [By] Z. M. Afonin i dr. Moskva, Transport, 1965. 371 p.

- Muru, N. P. [Ensuring the insubmersibility of the ship; general principles]. Obezpechenie nepotoplivosti korablia, obshchie printsipy. Moskva, Voenizdat, 1965. 193 p.

NAVAL ART AND SCIENCE

- Use of the statistical decision theory for the analysis of combat actions under conditions of uncertainty. I. M. Nikitin. Mor. sbor. 48 no. 10:22-29 O '65.

NAVAL EDUCATION

- (see also subdivision under Sevastopol)

- Assembly of naval school teachers. K. Fokeev. Voen.-ist. zhur. 7 no. 7:113 JI '65.

- Carefully train and educate young officers. M. D. Maenkov. Mor. sbor. 48 no. 10:30-33 O '65.

- Experience in the practical training of students in the final course. V. I. Trofim. Mor. sbor. 48 no. 10:34-36 O '65.

- Today on the Red Banner fleets... N. Shestakov, A. Aksekov. Sov. voen. 47 no. 13:22-25 JI '65.

NAVAL RECONNAISSANCE

- Reconnaissance with submarines. I. V. Filyov. Mor. sbor. 48 no. 10:16-22 O '65.

NAVIES see subdivision 'Navy' under Russia

NAVIGATION

- Calculation of a mean quadratic error by means of a slide rule. B. F. Ivanov. Mor. sbor. 48 no. 10:72-74 O '65.

- [Manual for navigators of fishing fleets, navigation of fishing boats and sea fishery practices]. Spravochnik sudovodov i rybolovnoy floty, promyslovaya navigatsiya i mor. skola promyslovoy floty. Moskva, Pishchevaya promyshlennost', 1965. 194 p. diagram (inset).

- Sailing directions as the collective work of many generations of navigators. V. G. Ustakli. Mor. flot 24 no. 8:16-19 Ag '64.

NAVROTS'KYI, OLEKSANDR OLEKSANDROVYCH, 1823-1892

- Vet. ae of Goethe as translated by O. Navrots'kyi. N. 2. Bondarenko. Rad. It. 8 no. 8:73-79 Ag '65.

NAVY see subdivision under Germany, West

NECROSIS, BACILLARY

- Sources of necrobacillosis. A. A. Volkova, R. S. Galiev. Veterinarika 41 no. 12:17-20 D '64.
- Treating necrobacillosis in lambs. A. A. Amaglov, A. A. Akhmedov. Veterinarika 42 no. 7:40 JI '65.
- Use of dithionite in necrobacillosis of reindeer. V. S. Fedotov. Veterinarika 42 no. 7:38-39 JI '65.

NECTARIES

- Morphological and systematic study of some nectaries of the family Cucurbitaceae. P. N. Nemtsovich-Danchenko. Izv. SO AN SSSR no. 8, Ser. biol., med., nauk no. 2:17-22 '65.

NEGLIGENCE

- Errors in navigation and management under foreign law. L. M. Tigorov. Inform. sbor. TSNIIM no. 110, Mor. pravo i prak. no. 23:17-23 '63.
- Errors in navigation and management under Soviet maritime law. K. I. Aleksandrova. Inform. sbor. TSNIIM no. 110, Mor. pravo i prak. no. 23:10-17 '63.

NEGOTIABLE INSTRUMENTS—CANCELLATION

- Decision No. 5 of the Plenum of the Supreme Court of the U. S. S. R. of July 20, 1965, entitled "Court procedures to determine the constitution of rights according to lost documents made out to bearer, public notice proceedings." Bliz. Verkh. Sudu no. 1:1 '65.

NEISSERIA GONORRHOEA

- Sensitivity of gonococci to antibiotics in various forms of gonorrhea in women. Z. A. Pashina, A. V. Chistikov. Antibiotiki 10 no. 9:852-856 S '65.

NEKRASOV, NIKOLAI ALEKSEEVICH, 1821-1877

- Nekrasov as lyric poet. B. Bakhshat. Vop. lit. 9 no. 8:210-218 Ag '65.

NEMATODA

- (see also subdivision under Kaitalia)

- Effectiveness of naphthamone in Nematodius infestation of lambs. M. I. Pashkova. Veterinarika 42 no. 7:52-53 JI '65.

NEMATODE DISEASES OF PLANTS

- Biochemical changes in potato tubers infected with the stem nematode. S. P. Safin. Vest. sel'khoz. nauk [Kazakh]. 8 no. 9:112-113 S '65.

- Development of studies in phytohelminthology. Vest. AN SSSR 35 no. 9:124-125 '65.

- Specialized habits of feeding in the potato stem nematode. S. P. Safin. Vest. sel'khoz. nauk [Kazakh]. 8 no. 4:121-129 Ag '65.

NEMCHINOV, VASILII SERGEEVICH, 1894-1964

- Meeting devoted to Academician V. S. Nemchinov's memory. A. B. Vainikotin. Ekon. i mat. metod. 1 no. 4:817-821 JI-Ag '65.

NEOBENZINOL

- Some regularities of the antianaphylactic effect of non-specific therapy, results of the use of neobenzinol. T. Kaitalikis. Pat. fiziol. i ekap. terap. 8 no. 4:77-79 JI-Ag '65.

NEODYMIUM COMPOUNDS

- Spectrophotometric study of neodymium complexes. Part 3: Study of the system neodymium - ascorbic acid. K. P. Stokharov, L. A. Amantova. Vest. LGU 28 no. 10:90-95 '65.

NEODYMIUM-IRON ALLOYS see Iron-neodymium alloys

NEODYMIUM OXIDE

- Effect of an explosion on matter. Structural changes in neodymium oxide. S. S. Baisanov, A. A. Deriban. Nauch.-tekhn. probl. gor. i vzryva no. 1:103-108 '65.

NEOMYCIN

- Neomycin-resistant forms of colenterites in children and their treatment. A. B. Chernomordik and others. Antibiotiki 10 no. 9:850-861 S '65.

NEOSTIGMINE

Bioelectric and anticholinesterase activity of the brain under the influence of physostigmine. L. N. Nestorchenko. Izv. SO AN SSSR no. 8, Ser. Biol.-med. nauk no. 2:169-171 '65.

Bioelectric and anticholinesterase activity of the brain under the influence of physostigmine. L. N. Nestorchenko. Izv. SO AN SSSR no. 8, Ser. Biol.-med. nauk no. 2:171-174 '65.

NEOTENY

Vasil'chenko, I. T. [Neotenic changes in plants] Neoteničeskije izmenenija u rastenij. Moskva, Nauka, 1965, 83 p.

NEPHELINE SYENITE

Determining the relative age of nepheline syenites by the method of thermoluminescence. V. I. Starov, E. I. Seimurayeva, A. A. Kozlovskii. Trudy Inst. geol. nauk AN Kazakh SSR 12:120-132 '65.

Geochemistry of barium in nepheline syenites. V. I. Gerasimovskii, L. I. Pavlenko, L. I. Neemelanova. Geochemia no. 5:562-573 My '65.

NEPHELITE see subdivision under Kazakhstani

NERVES

Cytochemical and luminescence microscopic study of nerve cells in a tissue culture. A. M. Artyeva and others. TSitologija 7 no. 4:531-537 Ji-Ag '65.

Effect of diaplacin on the phasic and tonic activity of the neuromuscular apparatus in frogs. V. I. Alatyev, L. N. Zefirov. Nauch. trudy Kaz. gos. med. inst. 14:71-72 '61.

Glia-neuronal relations during intensified functioning of neurons according to data of morphological research. M. M. Aleksandrovskaya, I. A. Gultman, V. N. Mata. Zhur. nevroi. i psikh. 65 no. 2:161-167 '65.

Lipoprotein complexes of the nerve tissue. K. G. Manukhina. Vop. biokhim. i med. 1:173-210 '64.

Methodology for studying the electric properties of nerve and muscle fibers by means of surface extracellular electrodes. D. P. Artemenko, M. F. Shuba. Fiziol. zhur. [Ukr.] 10 no. 3:403-407 My-Je '64.

Nature of thiol compounds demonstrated by histochemical methods. L. M. Gershtein, I. V. Tsvetkova. TSitologija 8 no. 3:366-369 My-Je '64.

Some problems of the physiology of nerve cells. K. M. Kislunda. Trudy Un. d. uz. nat. 7. Vop. med. no. 1:58-104 '64.

Study of the optic properties of the squid giant axon relaxed and at different phases of excitation. R. G. Liodovskaya, V. B. Linal'yanov, B. K. Lemazhikhin. TSitologija 7 no. 4:520-530 Ji-Ag '65.

NERVES—MATHEMATICAL MODELS

Analog and discrete transformations of signals by neurons. G. D. Umantsev. Avtometika no. 4:43-48 '65.

Transformation of signals in the peripheral sectors of biological analyzers. L. A. Nazarov, G. D. Umantsev. Avtometika no. 4:49-54 '65.

NERVES, PERIPHERAL

Inhibition and restoration of the capacity for regeneration of peripheral nerves following irradiation. G. S. Sirelin, V. I. Evslukov. Med. rad. 10 no. 8:67-73 Ag '65.

NERVES, PERIPHERAL—DISEASES

Effect of radon baths on the regeneration of the peripheral nerves. P. L. Leites. Vop. kur., fizioter. i lech. fiz. kul't. 28 no. 4:322-326 Ji-Ag '64.

NERVES, SPINAL

Effect of the posterior root fibers on the permeability of the vascular wall. V. G. Afanas'ev. Nauch. trudy Kaz. gos. med. inst. 14:83-84 '64.

Electrogram of the lymph heart and biocontrol of the 11th spinal nerve in reflex inhibition. G. I. A. Mavrenko. Fiziol. zhur. 50 no. 12:1444-1449 D '64.

Injury of neural crest derivatives in mice of Microphthalmia and White mutant lines. B. V. Kontukhov, V. V. Ostrov, M. P. Vakhruшева. Arkh. anat., gist. i embr. 40 no. 8:100-107 Ag '65.

Morphology of the spinal root of the accessory nerve. A. A. Schastlivtseva. Nauch. trudy Kaz. gos. med. inst. 14:287-288 '64.

Spinal nerve syndrome in cervical osteochondrosis: clinical aspects and experience on work capacity. M. A. Krymen, G. I. Lukachev. Zhur. nevroi. i psikh. 65 no. 2:210-216 '65.

NERVES, SPINAL—DISEASES

Device for spinal traction in radiculitis. E. A. Feid'man, I. Ozols. Zhur. nevroi. i psikh. 65 no. 2:228-231 '65.

Endolambar injections of hydrocortisone and peridural injections of hydrocortisone with novocaine for the treatment of radiculitis. I. U. I. Krasnianskii. Zhur. nevroi. i psikh. 65 no. 9:1301-1304 '65.

Treatment of lumbosacral radiculitis with pyrazetol. L. N. Sakharov, V. I. Bodachev. Zhur. nevroi. i psikh. 65 no. 2:232-234 '65.

Use of massage in cervical-thoracic radiculitis and sympathico-ganglionitis with cardialgia syndrome. N. I. Speranskii, E. I. Sorokina, N. A. Belaja. Zhur. nevroi. i psikh. 65 no. 2:223-227 '65.

NERVES, SPINAL—INFLAMMATION

Results of the treatment of lumbosacral radiculitis with ultrasound in pulsating mode. A. A. Pushkareva. Vop. kur., fizioter. i lech. fiz. kul't. 28 no. 4:337-341 Ji-Ag '64.

NERVOUS SYSTEM

Changes in the nervous system and working capacity of patients following influenza. V. N. Scherbakova. Sov. med. 28 no. 9:63-66 S '65.

Characteristics of the effect on the central nervous system of ether in its inhalation and subcutaneous introduction. A. I. Vologov, Azerb. med. zhur. 12 no. 4:27-35 Ap '65.

Content of gamma aminobutyric acid in the brain of animals in the case of stimulation and inhibition of the central nervous system. M. N. Maslova. Dokl. AN SSSR 164 no. 1:230-233 S '65.

Emotional stresses as a prerequisite for the development of neurogenic diseases of the cardiovascular system. P. K. Anokhin. Vest. AMN SSSR 20 no. 6:10-18 '65.

Mechanism of compensatory adaptability of an injured organism. T. G. Urgandzhian. Izv. AN Arm. SSR Biol. nauch. 18 no. 8:11-19 Ag '65.

Morphological changes in the nervous system of dogs subjected to high-energy proton action. A. F. Bibikova, B. I. Lebedev. Radiobiologija 5 no. 4:562-565 '65.

Prevention of functional cardiovascular diseases in young age. N. S. Molchanov. Vest. AMN SSSR 20 no. 6:62-67 '65.

Quantitative characteristics of the myeloarchitectonics of area 17 of the cerebral cortex in primates. A. P. Ozhigova. Arkh. anat., gist. i embr. 49 no. 8:113-21 Ag '65.

Radiocautographic study of glycine-C¹⁴ incorporation into certain parts of the nervous system of the white rat. N. D. Gracheva. TSitologija 6 no. 3:324-330 My-Je '64.

Structural and histochemical changes in the central nervous system under the conditions of necrosis and liberation of killed dogs by instant decapitation. A. G. Kavkazskiy. Soob. AN Gruz. SSR 39 no. 2:467-470 Ag '65.

Structure of various central nervous system sections following experimental concussion of the brain. O. V. Gogvadze. Soob. AN Gruz. SSR 38 no. 2:465-470 My '65.

Time factor and other conditions in nerve and muscle stimulation in the works of I. M. Sechenov and other Russian researchers of the 19th century. D. G. Kvasov. Fiziol. zhur. 50 no. 12:1507-1511 D '64.

NERVOUS SYSTEM—DISEASES

Changes in the nerve fibers of vulvar tissues in kraurosis and leukoplakia. L. I. Dekater, E. L. Noshad. Vop. onk. 11 no. 9:12-16 '65.

Neurological disorders in acute leukemia. I. S. Vakhman. Sov. med. 28 no. 9:111-115 Ag '65.

NERVOUS SYSTEM—FISHES

Morphology of the nervous apparatus of the kidneys in fish. Kh. G. Valeeva. Nauch. trudy Kaz. gos. med. inst. 14:129-130 '64.

NERVOUS SYSTEM—INSECTS

Functions of intercommunication in the honeybee *Apis mellifera* L. (Hymenoptera, Apidae). K. P. Istomina-Tsvetkova. Ent. obozr. 44 no. 3:503-572 '65.

Simultaneous action of acoustic and tactile stimuli on the locomotive and flying activity of the honeybee *Apis mellifera* (Hymenoptera, Apidae). M. E. Lobashov. Ent. obozr. 44 no. 3:557-562 '65.

NERVOUS SYSTEM—SURGERY

Ukrainaki nauchno-isledovatel'skii institut neirokhirurgii. [Problems of neurosurgery; clinical pathophysiological and morphological principles in neurosurgical pathology] Problemy neirokhirurgii; klinicheskie, patofiziologicheskie i morfolozicheskie zakonomenosti v neirokhirurgicheskoi patologii. Kiev, Zdorov'ia, 1964. 332 p. (DNLN)

NERVOUS SYSTEM—TUMORS

Neurinomas in the cavity of the small pelvis. R. G. Bakkeva, T. A. Mironova. Nauch. trudy Kaz. gos. med. inst. 14:367-368 '64.

NERVOUS SYSTEM—VERTEBRATES

Some data on the comparative morphology of the nervous apparatus of the kidneys in vertebrates. Kh. G. Valeeva. Nauch. trudy Kaz. gos. med. inst. 14:131-132 '64.

NERVOUS SYSTEM, AUTONOMIC

Comparative evaluation of aminazine and serpassil on the state of the vegetative nervous system in scleroderma. R. F. Kokanbaeva. Probl. sud. psikh. no. 13:221-228 '62.

Methods of recording action currents in the vegetative nerves in a chronic experiment. A. D. Nozdichev. Probl. kosm. biol. 1:581-586 '65.

Neurohumoral regulation of the motor function of the gallbladder. S. M. Gorskova, S. D. Orlova. Fiziol. zhur. 50 no. 12:1465-1475 D '64.

Semenov, S. P. [Morphology of the vegetative nervous system and interoceptors] Morfolozika vegetativnoi nervnoi sistemy i interoceptorov. [Leningrad] Izd-vo Leningr. univ., 1965. 157 p.

Structure and dynamics of the "animalistic" syndrome in the framework of various types of the course of chronic hysterical reactions. I. U. K. Chibrikov. Probl. obshch. i sud. psikh. no. 14:197-213 '63.

NERVOUS SYSTEM, AUTONOMIC—BLOOD SUPPLY

Morphology of intracranial vessels of the vegetative ganglia in the abdominal cavity of the human fetus. A. F. Filiponova. Nauch. trudy Kaz. gos. med. inst. 14:203-204 '64.

NERVOUS SYSTEM, AUTONOMIC—DISEASES

Study of the vegetative nervous system in a group of chronic reactive states. K. A. Semanova. Probl. obshch. i sud. psikh. no. 11:257-266 '63.

Vascular reactions in chronic reactive states. K. S. Ratner. Probl. obshch. i sud. psikh. no. 14:267-273 '63.

NERVOUS SYSTEM, EFFECT OF RADIATION ON

Functional state of parasympathetic innervation of the heart in irradiated animals. L. V. Tukhvatullina. Nauch. trudy Kaz. gos. med. inst. 14:301-302 '64.

NERVOUS SYSTEM, PARASYMPATHETIC

Mechanism of the effect of parasympathetic innervation on the permeability of the vascular wall. V. G. Afanas'ev. Nauch. trudy Kaz. gos. med. inst. 14:81-82 '64.

NERVOUS SYSTEM, SYMPATHETIC

Role of the nervous mechanisms in the development of hypercoagulation following an acute blood loss. D. M. Zubairov. Nauch. trudy Kaz. gos. med. inst. 14:181-183 '64.

Sympathetic nature of C-afferents. I. A. Buligin, V. V. Soltanov. Dokl. AN BSSR 9 no. 4:412-414 Je '65.

NERVOUS SYSTEM, SYMPATHETIC—BLOOD SUPPLY

Fine vascularization of the sympathetic trunk in some mammals (rabbits, cats). G. N. Bogdanova. Nauch. trudy Kaz. gos. med. inst. 14:117-118 '64.

NERVOUS SYSTEM, SYMPATHETIC—DISEASES

Some changes in the sympathetic nervous system in patients with degenerative lesions of the lumbar intervertebral disks. I. A. K. Ass. Zhur. nevroi. i psikh. 65 no. 9:1294-1300 '65.

Symptomatology of lesions of the marginal trunk of the sympathetic nervous system. R. I. A. Shindelman, O. R. Stepanenko. Zhur. nevroi. i psikh. 65 no. 6:1305-1311 '65.

NERVOUS SYSTEM, SYMPATHETIC—SURGERY

Effect of the removal of the lateral sympathetic trunks on the structure and function of the testes and prostate. G. I. Khodorovskii. Fiziol. zhur. 51 no. 9:1123-1127 S '65.

Reflex effect of the heart in rabbits following the section of cervical sympathetic nerves. M. L. Linskii. Fiziol. zhur. 51 no. 9:1066-1069 S '65.

NERVOUS SYSTEM, VASOMOTOR

Changes in the interoceptive reflexes in disorders of the coronary circulation. M. V. Uchevich. Fiziol. zhur. [Ukr.] 10 no. 3:351-359 My-Je '64.

NERVOUS SYSTEM, VASOMOTOR—DISEASES

Vascular reactions in chronic reactive states. K. S. Ratner. Probl. obshch. i sud. psikh. no. 14:267-273 '63.

NESIN, AZIZ

Some characteristics of Aziz Nesin's satire. N. S. Selverstova. Vest. LGU 20 no. 14:145-149 '65.

NETHERLANDS—FREIGHT AND FREIGHTAGE

Holland. Selections from its Commercial Code. Inform. sbor. TSNIIM' no. 110, Mor. pravo i prak. no. 23:52-59 '63.

NETHERLANDS—MARITIME LAW

Holland. Selections from its Commercial Code. Inform. sbor. TSNIIM' no. 110, Mor. pravo i prak. no. 23:52-59 '63.

NEURALGIA

Use of massage in cervical-thoracic radiculitis and sympathico-ganglionitis with cardialgia syndrome. N. I. Speranskii, E. I. Sorokina, N. A. Belaja. Zhur. nevroi. i psikh. 65 no. 2:222-227 '65.

NEURALGIA, FACIAL

Clinical-anatomical comparisons in the diagnosis and treatment of facial neuralgia. N B Chibrikov. Zhur. nev. i psikh. 65 no 9 1331-1331 '65

NEURITIS

Hormonal treatment of neuritis of the facial nerve. I. M. S.chev. Zhur. nev. i psikh. 65 no 9 1335-1335 '65

NEUROCHEMISTRY

Neurosecretion and voltinism in the tussock moth *Orgyia antiqua* L. (Lepidoptera, Lymantriidae). T. V. Fund. Ent. obozr. 41 no. 3 551-556 '65

Palladin, A. V. [Problems of the biochemistry of the nervous system.] Voprosy biokhimii nervnoi sistemy. Kiev, Naukova dumka, 1965. 183 p.

NEUROGLIA

Fractional composition of water-soluble neuroglia proteins. A. V. Simokhvalov and others. Ukr. biokhim. zhur. 37 no. 4 510-521 '65

Glia-neuronal relations during intensified functioning of neurons according to data of morphological research. M. M. Alekseyevskaya, I. U. A. Geinzman, V. N. Mats. Zhur. nev. i psikh. 65 no 2 161-167 '65

NEUROLOGY

Current concepts on the functional structure of the convulsive seizure. S. A. Dalgina. Zhur. nev. i psikh. 65 no 9 1407-1415 '65

Neurological syndromes in acute and chronic forms of leukemia. N. N. Kolosova. Zhur. nev. i psikh. 65 no. 9 1346-1350 '65

Neurological syndromes in some diseases of the locomotor apparatus. K. D. Logachev. Zhur. nev. i psikh. 65 no 2 204-209 '65

NEUROPSYCHIATRY

Clinical evaluation of the course of schizophrenia and other neuropsychic diseases in patients with specific antibrain antibodies in the blood. S. P. Semenov and others. Probl. sud. psikh. no 13 5-18 '62

NEUROSES

Clinical aspects of precursive states. V. V. Korolev. Probl. obshchei i sud. psikh. no. 14 54-58 '63

Disorders of bile secretion in neurosis, an experimental study. P. K. Khimov. Trudy I-go MMF 39-74-86 '65

Final results of the combined use of tofranil (imizin) and shock doses of insulin for the treatment of schizophrenia with a dysmorphophobia syndrome. M. V. Korkina. Probl. sud. psikh. no. 13 229-236 '62

Pathological formation of personality in patients with congenital vitium cordis. V. V. Kovalev. Probl. obshchei i sud. psikh. no. 11 69-69 '63

Pseudoneurotic variants of encephalitis in the clinical aspects of neuroses, the problem of differential diagnosis. B. D. Karvasarskiy. Sov. med. 28 no 9 111-116 '65

Study on the reactivity of the body in chronic reactive states. K. L. Immerman. Probl. obshchei i sud. psikh. no 14 246-256 '63

NEUTRINOS

Angular and energy distributions of μ -mesons generated by neutrinos in the soil. V. A. Kuz'min, R. V. Usanova. Izv. AN SSSR Ser. fiz. 29 no 9 1718-1750 '65

Neutrino. L. A. Mikaelian. Priroda 54 no. 9-24-35 '65

Neutrino radiation and the thermometry of the sun's interior. V. A. Kuz'min. Izv. AN SSSR Ser. fiz. 29 no 9 1743-1745 '65

Non-polarized state in lepton radiations engendered in neutrino interaction with matter. G. V. Shishkin. Dokl. AN SSSR 9 no. 7 443-445 '65

Nuclear reactions in stars and solar neutrinos. G. E. Kocharev. Izv. AN SSSR Ser. fiz. 29 no. 9 1734-1739 '65

NEUTRINOS—SPECTRA

Energy spectra of muon and electron neutrinos in the atmosphere. L. V. Volkova, G. T. Zisepin. Izv. AN SSSR Ser. fiz. 29 no 9 1740-1742 '65

NEUTRON BEAMS

Use of the Monte Carlo method in calculating the passage of fast neutrons through hydrogen. L. M. Shirkin. Atom. energ. 19 no 3 288 '65

NEUTRON SOURCES

International comparisons of neutron sources. G. L. Andreev and others. Atom. energ. 19 no 2 181-182 '65

Universal accelerating tube. E. A. Ab and others. Vop. rud. geofiz. no. 5 140-141 '65

NEUTRONS

Angular distribution of slow neutrons for the (n, n') -reaction on deformed nuclei. P. A. Cherdantsev. Izv. vys. ucheb. zav. fiz. 8 no. 3 180-182 '65

Fission neutrons from excited nuclei. V. P. Elsmont. Atom. energ. 19 no. 2 113-115 '65

Relative yields of groups of delayed neutrons in ^{238}U photofission. O. P. Nikolina, K. A. Peirzhak. Atom. energ. 19 no. 2 185-186 '65

Resonance interaction between neutrons and molecules. G. K. Ivanov, I. U. S. Salasov. Atom. energ. 19 no 2 183-184 '65

Total neutron cross sections of Re^{185} and Re^{187} . V. P. Vertebnyi and others. Atom. energ. 19 no. 3 250-252 '65

NEUTRONS—CAPTURE

Cross sections of radiative capture of 1-50,000 ev. neutrons by V , Zr , Zr^{90} , Zr^{91} , Zr^{92} nuclei. S. P. Kapchigashvili. Atom. energ. 19 no. 3 294-296 '65

Model of a heavy monatomic gas and unsteady thermalization of neutrons in lead. Sh. Kenzhebaev. Atom. energ. 19 no 3 286-287 '65

NEUTRONS—EFFECT ON PLANTS see Plants, Effect of neutrons on

NEUTRONS—EFFECT ON SEEDS see Seeds, Effect of neutrons on

NEUTRONS—INDUSTRIAL APPLICATIONS

A laboratory equipment for the quantitative determination of the Clal beryllium concentrations. B. I. Polnikov, P. P. Klevasov, I. V. Egorov. Vop. rud. geofiz. no 5 112-119 '65

Possibility of using neutron methods for the quantitative determination of mercury in natural occurrences. F. V. Egorov. Vop. rud. geofiz. no. 5 117-124 '65

NEUTRONS—SCATTERING

Dipole-dipole interaction in slow neutron scattering by protons. B. I. Khushchev. Izv. AN Uz. SSR Ser. fiz. i mat. nauk. 9 no. 1 73-78 '65

Effect of rotational states in the scattering of slow neutrons by gas molecules. I. P. Dzib. Zhur. eksp. i teor. fiz. 49 no. 2 493-499 '65

Magnetic elastic scattering of slow neutrons in alloys. D. R. Rydmanetskiy, A. A. Smirnov. Fiz. metal. metalloved. 20 no 2 193-198 '65

Neutron scattering on a polarized target. V. G. Baryanovskiy, V. L. Lumbashis, M. I. Podgoretskii. Izd. fiz. 2 no. 3 141-141 '65

Solution of the equation describing neutron-deuteron scattering at high energies. N. N. Belopetrov. Izd. fiz. 2 no. 3 552-561 '65

Study of the quasi-local level in the vibrational spectrum of a lattice with heavy impurity atoms. N. A. Chisnoplekov, M. G. Zemlinov. Zhur. eksp. i teor. fiz. 49 no. 2, 419-451 '65

Theory of the inelastic magnetic scattering of neutrons on localized spin excitation in ferromagnetic materials. M. A. Ivanov, M. A. Kuvshinov, A. M. Masluchevich. Fiz. metal. metalloved. 20 no. 2 161-172 '65

This International Symposium on Inelastic Scattering of Neutrons by Solids and Fluids. M. G. Zemlinov. Atom. energ. 19 no. 2 206-207 '65

NEUTRONS—SPECTRA

Neutron spectra of heterogeneous media. K. Meyer. Atom. energ. 19 no 3 253-257 '65

Propagation of resonance energy neutrons in uranium. I. U. A. Stavitskiy, L. D. Sheinman. Atom. energ. 19 no. 3 282-294 '65

NEVA VALLEY—SHIPS—LAUNCHING

At the Baltic Shipyard. Sadostroyenie no 8 71-72 '65

NEVEROV, ALEKSANDR, pseud. see Skobolev, Aleksandr Stepanovich, 1880-1923

NEVSKII, VLADIMIR IVANOVICH, 1876-1938

V. I. Nevskii's struggle for Marxism. V. I. Chesnokov. Vop. filoz. 19 no 9 132-140 '65

NEW GUINEA, WEST see Irian Barat, Indonesia

NEW YORK (CITY)—CRIME AND CRIMINALS

A study in black. P. Mikov. Mol. komm. no. 9 111-116 '65

NEW ZEALAND—GEOLOGY, STRUCTURAL

New Zealand horizontal flexure and Alpine displacement. V. S. Burtman. Trudy GIN no. 139 128-131 '65

NEWFOUNDLAND—SCORPION FISHES

Some problems of *Sebastes mentella* Travin fisheries near Newfoundland. R. A. Rikhter. Ryb. khoz. 41 no. 7 11-12 '65

NEWSPAPER COURT REPORTING see sub-division under Voronezh

NEWSPRINT

Moscow. Tsentral'nyi nauchno-issledovatel'skii institut

NIACIN see Nicotinic acid

NIBUFIN

Cholinergic processes in the pathology of experimental diabetes mellitus. O. I. Vrubina, Kh. S. Khamidov. Nauch. trudy Kaz. gos. med. inst. 14 151-157 '61

Data on biochemical studies on the administration of paranthonyl ester of dibutylphosphoric acid to experimental animals. V. F. Anisimova and others. Nauch. trudy Kaz. gos. med. inst. 11 77-78 '64

Protective effect of nibufin in acute radiation sickness in rats and white mice. B. S. Berezovskii. Nauch. trudy Kaz. gos. med. inst. 11 97-98 '64

NICARAGUA

Leshchiner, R. E. [Nicaragua] Nikaragua, Moskva, Mysl', 1965. 60 p. (Ukraynitsa)

NICKEL

(see also sub-division under Kazakhstan) Use of small soil samples in hydrogeochemical mapping for nickel and cobalt. T. A. Kiseleva. Izv. AN Arm. SSR, Nauki o zem. 18 no. 3 142-144 '65

NICKEL—MAGNETIC PROPERTIES

Maximum magnetic susceptibility in polycrystalline nickel. F. D. Mit'ushchenko. Izv. vys. ucheb. zav. fiz. 8 no. 3 58-60 '65

NICKEL ALLOYS

X-ray diffraction study of the oxidation of alloys of the system Ni-Al - Ni-Nb. M. I. Arbutov, V. G. Chupina. Izv. AN SSSR, Neorg. mat. 1 no. 7 1121-1127 '65

NICKEL ALLOYS—METALLOGRAPHY

Electron microscopy of the various stages of crystallization of spherulite and floccular graphite in the Ni-C hard alloy. I. E. Bolotov. Fiz. metal. metalloved. 20 no. 2 258-264 '65

NICKEL ALLOYS—METALLURGY

Effect of cerium additions on the plasticity of nickel and its alloys at high temperatures. G. M. Volkov, L. I. Rogelberg. Izv. vuz. met. 36 no. 8 72-76 '65

NICKEL CARBONATES—SPECTRA

Formation of metallic nickel in the thermal decomposition of nickel carbonate. I. U. N. Rafov, Z. A. Markova. Khim. i kat. 6 no 4 791-792 '65

NICKEL CATALYSTS

Hydrogenation of cottonseed oil on a skeletal nickel with vanadium addition. N. S. Samonova, D. V. Sokol'skii. Izv. AN Kazakh SSR, Ser. khim. nauk 15 no. 2 65-72 '65

Kinetics of carbon monoxide hydrogenation on a nickel catalyst. V. M. Vlasenko, G. F. Il'chenko, M. I. Buz'kin. Khim. i kat. 6 no 4 888-891 '65

NICKEL CHROMATES—THERMODYNAMICS

Measurement of the E. M. F. in galvanic cells with a solid electrolyte at temperatures above 1000°C. Thermodynamic properties of nickel chromite. V. A. Fedukhin, T. N. Rybakina, V. G. Dnepova. Khim. i kat. 6 no. 8 933-940 '65

NICKEL—CHROMIUM ALLOYS—METALLURGY

Developing a technology for the manufacture and study of certain properties of nickel-chromium alloys. M. E. Belitskii. Fiz. metal. 15 no. 9 50-51 '65

NICKEL—CHROMIUM-IRON ALLOYS—MAGNETIC PROPERTIES

Effect of elastic stresses on the magnetic properties of highly alloyed alloys in the system Fe - Ni - Cr. V. M. Polovov, L. A. Kravtchuk, Fiz. metal. metalloved. 20 no. 2 210-215 '65

NICKEL COMPOUNDS

Determining the thermodynamic characteristics of cobalt aluminate and cobalt and nickel metathamates. I. A. Novokhatskii, L. M. Lenov. Izv. vys. ucheb. zav. fiz. 8 no. 4 80-84 '65

NICKEL—COPPER—ALUMINUM ALLOYS—SPECTRA

Natural frequencies of nickel and nickel alloys in the infrared region of the spectrum. G. S. Klichuk, Z. S. Babin. Zhur. eksp. i teor. fiz. 49 no. 2 470-475 '65

NICKEL—IRON ALLOYS see Iron-nickel alloys

NICKEL MINES AND MINING—EQUIPMENT AND SUPPLIES

Mining small ore bodies by open-pit operations. B. N. Zakhvatkin. Gorn. zhur. no. 9 12-14 '65

NICKEL—MOLYBDENUM ALLOY PLATING

Electrolytic deposition of nickel-molybdenum alloys. A. I. Lisagor, N. N. Gratsianskii. Ukr. khim. zhur. 31 no. 8 709-704 '65

NICKEL ORGANIC COMPOUNDS see Organonickel compounds

[MICROFILM]

NICKEL OXIDES

Magnetic susceptibility of solid solutions of nickel oxide in magnesium oxide. N. L. Lukinykh, G. A. Rybakova, Vest. LGU 20 no. 16 123-125 '65.

NICKEL OXIDES—THERMODYNAMICS

Thermodynamic properties of NiO dissolved in molten borax. G. D. Nazarenko, Ukr. khim. zhur. 31 no. 8 790-793 '65.

NICKEL PLATING

Certain properties of the electrolytic deposits of nickel and cobalt obtained in the presence of thiourea. IU K. Vings, A. I. Borodav, IU IU Matulis, Zashch. met. 1 no. 5 525-529 5-0 '65.

NICKEL SALTS

Determination of free acid in process solutions of nickel and cobalt salts. E. Sh. Koffe, Zav. lab. 31 no. 8-939-940 '65.

NICKEL-SILICON-ALUMINUM ALLOYS—METALLOGRAPHY

Investigating the oxidation of nickel-silicon-aluminum alloys at high temperatures. I. S. Gildengrin, I. L. Rogel'berg, Izv. met. i metalloved. 20 no. 2 231-235 Ag '65.

NICKEL-TIN ALLOYS see Tin-nickel alloys

NICKEL TITANATES

Spectral reflection power of dyeing pigments on the basis of nickel titanate. L. V. Aleksandrova and others, Trudy Khim. gos. ped. inst. 2:105-173 '64.

NICOTINAMIDE

Effect of experimental training on induced synthesis of nicotinamide deoxynucleotide in the organism. V. A. Rogozkin, IA Akad. Ukr. biokhim. zhur. 37 no. 1 553-561 '65.

NICOTINIC ACID

Polarographic kinetic currents of nicotinic acid. A. I. Tur'yan, G. A. Smirnova, O. A. Tolstikova, Elektrokhimika 1 no. 8 922-927 Ag '65.

Some sources of vitamin PP for awine. P. A. Nesterova, N. F. Kuskina, N. G. Shenygina, Trudy VIZH 27 99-111 '65.

NIKITA (UKRAINE)—ZELKOVA

New Chinese species of Zelkova in the Nikita Botanical Garden. A. N. Glazurina, Biol. Glav. bot. sadu no. 57: 90-94 '65.

NIKOLAYEV—LOADING AND UNLOADING

Eliminate the causes of irregular work. B. Nesterovskii, V. Rozenfeld, Mol. dok. 21 no. 8-9-0 Ag '64.

NIKOPOL' REGION (UKRAINE)—MANGANESE ORES

Phosphorous minerals in the Nikopol' manganese ores. V. I. Gilyazov, L. V. Chepovonokina, Lit. i pol. iskop. no. 4 153-160 Ji-Ag '65.

NIKOPOL' REGION (UKRAINE)—ORE DRESSING PLANTS

Flow sheets of ore dressing plants in the Krivoy Rog iron ore and Nikopol' manganese basins. V. I. Karamzin, I. D. Rodzen, V. A. Binkovich, Gor. zhur. no. 9 61-64 S '65.

NIKOPOL' REGION (UKRAINE)—PHOSPHORUS

Phosphorous minerals in the Nikopol' manganese ores. V. I. Gilyazov, L. V. Chepovonokina, Lit. i pol. iskop. no. 4 153-160 Ji-Ag '65.

NIOBATES

Conditions for the extraction of butylrhodamine C fluoroborate. N. N. Pavlova, V. G. Sainina, Zhur. anal. khim. 20 no. 9 1016-1018 '65.

NIOBUM—METALLURGY

Investigating the interaction of niobium and tantalum pentoxides with caustic soda solutions at temperatures above 100°. A. N. Zelikman, M. A. Orehov, Izv. vys. ucheb. zav., tsvet. met. 0 no. 3:108-114 '65.

NIOBUM—SPECTRA

Dissolution of niobium and tantalum during their spectrographic determination. E. A. Pomotun, Zhur. anal. khim. 20 no. 7:789-793 '65.

NIOBUM CARBIDES

Carbon diffusion in niobium and titanium carbides. A. V. Shcherbatskaya, A. N. Minkovich, Izv. vys. ucheb. zav., tsvet. met. 0 no. 4:123-125 '65.

NIOBUM CARBIDES—MAGNETIC PROPERTIES

Magnetic susceptibility of cubic niobium carbide. I. I. Matvonenko and others, Izv. AN SSSR, Neorg. mat. 1 no. 7:1052-1054 Ji '65.

NIOBUM CHLORIDES

Dissociation of niobium pentachloride on niobium and carbide surfaces. V. P. Blutin, G. I. Pepekina, B. S. Lysiv, Izv. vys. ucheb. zav., tsvet. met. 0 no. 4:190-96 '65.

NIOBUM OXIDES

Binary oxides in the system $ZrO_2 - Nb_2O_5$. V. K. Trunov and others, Izv. AN SSSR, Neorg. mat. 1 no. 7:1152-1154 Ji '65.

NIOBUM—ZIRCONIUM ALLOYS—ANALYSIS

Photometric determination of niobium in zirconium-base alloys by means of sulfochlorophenol. C. S. B. Savvin, V. A. Bortsova, E. N. Maikina, Zhur. anal. khim. 20 no. 9:947-950 '65.

NISIN

Study of the effect of some conditions of the cultivation of Streptococcus lactis on the formation of nisin. IU. B. Shkudova, N. S. Egorov, T. P. Orcharova, Antibiotiki 10 no. 9:781-788 S '65.

NITRATES

Stability of the system $Na, Ti || NO_2, NO_3$. P. I. Protasenko, L. L. Gabitova, Ukr. khim. zhur. 31 no. 8: 810-813 '65.

NITRATE REDUCTASE

Studying the nitrate reductase of higher plants. E. A. Muravina, A. A. Sobachkin, G. N. Tovmashin, Izv. TSKhA no. 2 102-115 '65.

NITRATION

Nitration of model lignin compounds containing benzyl-alcohol and benzyl-alkyl ether groups. L. L. Seigeeva, N. N. Shorygina, Izv. AN SSSR, Ser. khim. no. 9:1630-1637 '65.

Nitration of phenylbenzene, phenylbenzenecarboxylic acid, and phenylacetylene. L. I. Zolotarev, V. N. Kalinin, Dokl. AN SSSR 164 no. 3:577-580 S '65.

Preparation of β -hydroxybenzoates by the action of nitric acid on benzenes. L. I. Zolotarev, V. N. Kalinin, L. S. Podolskaya, Izv. AN SSSR, Ser. khim. no. 9 1713 '65.

NITRIC ACID

Nitric acid treatment of Georgian serpentinites. V. N. Gavrindashvili, L. K. Gogichadze, Soob. AN Gruz. SSR 38 no. 2:295-301 My '65.

NITRIFICATION

Nitrifying capacity as an objective indicator of the fertility of soil. G. L. Cheladze, Agrobiologia no. 5: 722-725 S-O '65.

NITRILES

Ammonolysis of the technical fractions of $C_7 - C_9$ and $C_{10} - C_{12}$ fatty acids to nitriles. M. I. Ivushkin, E. M. Doshayeva, Khim. prom. 41 no. 8:576-577 Ag '65.

NITRO COMPOUNDS

Physicochemical properties of the radiolysis product of crystalline o-nitroaniline. E. N. Zolotarev, Dokl. AN SSSR 164 no. 2:334-335 S '65.

Polarographic study of the acid-nitro conversion of 1, 2-nitrocyclohexanol and 1-nitrocyclohexene. I. A. Labantakli, P. M. Zaitsev, Z. V. Zaitseva, Elektrokhimika 1 no. 8:990-992 Ag '65.

Reaction of intramolecular O-alkylation in the series of gon-dinitro compounds. V. A. Taitkovskii and others, Izv. AN SSSR, Ser. khim. no. 9:1611-1618 '65.

Single-electron polarographic reduction of 2-nitrofurans and its derivatives in water-nitric acid media. I. A. P. Stradyn', G. O. Reikhanis, R. A. Gavar, Elektrokhimika 1 no. 8:956-961 Ag '65.

NITRO COMPOUNDS—SPECTRA

Molecular absorption spectra of O-ethyl ethers of dinitromethane and trinitromethane. A. I. Ivanov and others, Izv. AN SSSR, Ser. khim. no. 8:1401-1404 '65.

NITRO COMPOUNDS—TOXICOLOGY

Toxicology of dinitroethylbenzene and trinitroethylbenzene. I. A. Timoftevskaia, Toks. nov. prom. khim. veshch. no. 7:157-161 '65.

NITROBENZENE

Results of testing pentachloronitrobenzene as a soil fungicide in cotton fields. E. I. Andreeva, I. B. Obolenskaya, Khim. v sel. khoz. 3 no. 6:30-31 Ag '65.

NITROGEN

Purity centers of nitrogen in synthetic diamond powders. G. S. Danilevskii and others, Teoret. i eksper. khim. 1 no. 3:357-372 My-Je '65.

Liquid - vapor phase equilibrium of the system propylene nitrogen. IU P. Blagov, N. A. Obolenskii, Zhur. fiz. khim. 30 no. 8 2022-2024 Ag '65.

Nitrogen-oxygen BR-6 plant developed by the All-Union Scientific Research Institute of Industrial Oxygen Apparatus Construction. V. I. Epifanova and others, Trudy VNIIMASHI no. 10:3-46 '65.

Rapid chromatometric method for determining ammonia nitrogen and phosphates in aqueous solutions. T. A. Khudjakova, V. M. Vostokov, A. P. Kreshkov, Khim. v sel. khoz. 3 no. 8:14-21 Ag '65.

Storage of sunflower seed oil in nitrogen medium. N. I. Kozin, P. M. Ermakova, Maslozhir. prom. 31 no. 9: 3-5 S '65.

NITROGEN—FIXATION

Cell-free fixation of nitrogen. A. A. Imshenetski, Usp. mikrobiol. 1 61-71 '64.

Mechanism of the biological fixation of molecular nitrogen. IU I. Parnaukhov, Izv. AN SSSR, Ser. biol. no. 5: 714-730 5-0 '65.

NITROGEN—PHYSIOLOGICAL EFFECT

Formation of novobiocin in the dynamics of the development of Actinomyces sphaeroides culture on a synthetic medium with various nitrogen sources. N. S. Igarov and others, Antibiotiki 10 no. 8:578-681 Ag '65.

NITROGEN COMPOUNDS

Effect of nitrogen compounds on the hydrocracking of heavy distillates. L. N. Ostrov and others, Khim. i tekhn. topl. imasli 10 no. 8:1-4 Ag '65.

NITROGEN FERTILIZERS

Dynamics of nitrates in calcareous chernozem soils due to the placement of nitrogen fertilizers. G. A. Pilev, Khim. v sel. khoz. 3 no. 8 9-12 Ag '65.

NITROGEN IN THE BODY

Age-related dynamics of total and residual nitrogen in the abdomen of sheep. N. U. Bazanova, K. G. Nugmanov, Izv. AN Kazakh SSR, Ser. biol. nauk 4 no. 3 80-84 My-Je '65.

Content of some low-molecular nitrogen compounds in the cellular hemispheres and cerebellum in various functional states of the organism. P. A. Vladimirova, B. G. Gordon, N. S. Nivola, Ukr. biokhim. zhur. 37 no. 4:538-545 '65.

Effect of dicarboxylic amino acids and glucose on the level of amide nitrogen in brain proteins. A. V. Arutunian, Vop. biokhim. mez. 1 117-122 '61.

NITROGEN METABOLISM

Age-related characteristics of the participation of the digestive tract of calves in intermediate nitrogen metabolism. P. I. Zherbitsov, V. F. Vashkin, S. D. Polischuk, Izv. TSKhA no. 2:173-185 '65.

NITROGEN ORGANIC COMPOUNDS see Organo-nitrogen compounds

NITROGEN OXIDES

Characteristics of radiation-induced cross-linking of some polyolefins and their copolymers in an N_2O medium. V. I. Laisov and others, Vysokom. rad. 7 no. 8:1319-1322 Ag '65.

Effect of the specific energy and current intensity on the kinetics of formation of nitrogen oxides in a discharge. A. N. Maltsev, I. N. Lomova, V. I. Ivanov, Zhur. fiz. khim. 39 no. 8 1906-1911 Ag '65.

Equation of the state of nitrogen oxide in the range of temperatures 180-2,000° K, and densities 0-20 kmol/m³. A. G. Tshachnikov, L. S. Serdyuk, Izv. fiz. khim. 9 no. 3:332-336 S '65.

Reaction of dinitrocellulose with nitrogen oxides. Z. I. Kuznetsova, V. S. Ivanova, N. N. Shorygina, Izv. AN SSSR, Ser. khim. no. 9:1682-1681 '65.

Spectroscopic study of the cold-flame glow appearing during propane nitration by nitrogen dioxide. S. A. Gol'din, A. P. Baidal, V. I. Shtern, Dokl. AN SSSR 161 no. 2 371-373 S '65.

Studying the sieve plates for the absorption of nitrogen oxides. V. I. Atroushchikov, M. T. Ilyukhin, V. I. Konvlev, Khim. prom. 42 no. 9:670-680 S '65.

NITROSO COMPOUNDS

Action of phosphorous acid esters on α -chloropentafluorobenzene. A. A. Gevorkian, B. L. Datskin, I. L. Kuznetsov, Izv. AN SSSR, Ser. khim. no. 9:1699-1698 '65.

Coulometric determination of nitroso compounds. A. A. Podolskaya, I. G. Chikizova, IU. S. Lailikov, Ukr. khim. zhur. 31 no. 8:884-885 '65.

NITROUS ACID

Reaction of 2, 4, 6-trialkylphenol with nitrous acid. V. V. Dushov, G. A. Zlobina, Izv. AN SSSR, Ser. khim. no. 9:1676-1677 '65.

NIVALINE

Function of the adrenal cortex and cholinesterase activity of the blood and brain under the influence of nivaline. E. V. Naumenko, L. N. Nesterenko, Izv. SO AN SSSR no. 8, Ser. biol. -med. nauk no. 2:169-171 '65.

NIZHNYAYA TUNGUSKA see Lower Tunguska Valley

NOGAY STEPPE—SANDY SOILS

Use sandy soils efficiently. V. A. Ponomarev, Zemledelie 27 no. 6:20-30 Je '65.

NOISE

Characteristics of the auditory sensitivity under conditions of continuous and prolonged action of noise of medium intensity on man. IU. V. Krylov, Probl. kosm. biol. 4:102-108 '65.

NOMOGRAPHY (MATHEMATICS)

Nomogram for calculating heat conditions of furnaces for the roasting in a fluidized bed of copper-zinc concentrates and charge mixtures. V. I. Korsunskii, G. Ia. Krivchinskii, Tsvet. met. 38 no. 8 30-42 Ag '65.
Nomograms for computing concentrations of radioactive elements in rocks. A. V. Matveev. Vop. rud. geofiz. no. 5 131-133 '65.

Nomograph for determining the optimal speed of gas electric metal cutting. V. Ia. Zustin. Svar. prozv. no. 12 33-34 D '63.

NONDESTRUCTIVE TESTING

International Symposium on Nondestructive Testing in Nuclear Technology. V. Gorskii. Atom energ. 19 no. 3 317-318 S '65.

Sensitivity of the scintillation method in gamma-ray defectoscopy. A. A. Arkhangelskii, R. Iu. Volkovskii. Atom energ. 19 no. 3 308-309 S '65.

NONFERROUS METAL INDUSTRIES see subdivision under East Kazakhstan Province

NONFERROUS METAL INDUSTRIES—ACCOUNTING

(see also subdivision under Achisly, Kazakhstan)
Recording irrevocable metal losses in enterprises of the nickel and cobalt industries. S. F. Belov, S. P. Tsykin. Izv. vys. ucheb. zav., tsvet. met. 8 no. 3 178-183 '65.

NONFERROUS METAL INDUSTRIES—BY-PRODUCTS

Spectral determination of indium and germanium in concentrates of the lead-zinc industry. E. I. Bialulin, L. I. Plesetskaya. Zhur. anal. khim. 20 no. 9 1011-1016 '65.

NONFERROUS METAL INDUSTRIES—EQUIPMENT AND SUPPLIES

Hydrodynamics of a melt in a cyclone-type furnace with a settling tank. Iu. V. Tronitskii, V. I. Kalganova, I. T. Pustoshilo. Tsvet. met. 38 no. 8 42-49 Ag '65.

Limits for the use of automatic control systems in the operation of rotary kilns for the drying of copper-zinc concentrates. V. A. Ivanov, D. I. Lisovskii, M. R. Shapirovskii. Izv. vys. ucheb. zav., tsvet. met. 8 no. 3 164-167 '65.

A method of constructing a high-quality system of automatic control of delay-time metallurgical equipment. V. A. Ivanov, D. I. Lisovskii, M. R. Shapirovskii. Izv. vys. ucheb. zav., tsvet. met. 8 no. 1 141-151 '65.

NONFERROUS METAL INDUSTRIES—INDUSTRIAL CAPACITY

see subdivision under Leningorsk

NONFERROUS METAL INDUSTRIES—MANAGEMENT

Improving the management organization at nonferrous metal enterprises. I. M. Giatsersteln. Izv. vys. ucheb. zav., tsvet. met. 8 no. 1 162-167 '65.

NONFERROUS METAL INDUSTRIES—RESEARCH

see subdivision under Kazakhstan

NONFERROUS METALS

Bogdanov, V. P. [Economy of nonferrous metals in shipbuilding (in the design of ship systems and piping)] Ekonomika tsvetnykh metallor v sudostroeni (pri proektirovani sudovykh sistem i truboprovodov). Leningrad, Sudostroenie, 1965. 129 p.

Mechanism of the interaction of oleic acid with tantalite and certain accompanying minerals. T. B. Naifonov, S. I. Pol'kin. Izv. vys. ucheb. zav., tsvet. met. 8 no. 3 23-30 '65.

Technical progress at the "Molibden" Mine. L. F. Chugunov, and others. Gor. zhur. no. 9 6-10 S '65.

Tynyaus ore dressing plant. V. M. Dubinin and others. Gor. zhur. no. 9 10-11 S '65.

NONFERROUS METALS—ANALYSIS

[Analysis of nonferrous metals and alloys] Analiz tsvetnykh metallor i splovov. [By] V. V. Stepin i dr. Moskva, Metallurgiya, 1965. 187 p.

NONFERROUS METALS—METALLURGY

Characteristics of the process of converting metallized mattes with treatment of ferritic slags. V. N. Mashur'ian, B. V. Lipin. Izv. vys. ucheb. zav., tsvet. met. 8 no. 3 39-46 '65.

Mathematical model of the process of metal reduction by carbonaceous fuel from liquid slag. D. I. Lisovskii, V. M. Tashevskaya. Izv. vys. ucheb. zav., tsvet. met. 8 no. 4 151-162 '65.

Nomogram for calculating heat conditions of furnaces for the roasting in a fluidized bed of copper-zinc concentrates and charge mixtures. V. I. Korsunskii, G. Ia. Krivchinskii, Tsvet. met. 38 no. 8 38-42 Ag '65.

Sorption of titanium and zirconium from fluoride-containing solutions by anion exchangers. V. S. Pakholkov, V. L. Zabolotnykh, V. I. Ustinov. Izv. vys. ucheb. zav., tsvet. met. 8 no. 3 83-88 '65.

Studying the inflammability of lead and zinc sublimates. V. N. Kazakov, V. I. Smirnov. Izv. vys. ucheb. zav., tsvet. met. 8 no. 4 62-67 '65.

NONFERROUS METALS—THERMAL PROPERTIES

Applying the probability theory to the examination of heat capacity data. L. I. Ivanova. Izv. vys. ucheb. zav., tsvet. met. 8 no. 3 31-38 '65.

NONLINEAR DIFFERENTIAL EQUATIONS

see Differential equations, Nonlinear

NONWAGE PAYMENTS

(see also subdivision under United States)

Method of comparing the consumption of free services by the population of the U.S.S.R. and the U.S.A. in the sphere of state-supported cultural and social services. E. I. Kuz'mina. Otkrytoye sov. i zarub. ekon. no. 1 286-301 '65.

NONWOVEN FABRICS

Comparing raw material expenditure in the production of textile with the woven and nonwoven method. Kh. I. Tserlin. Izv. vys. ucheb. zav., tsvet. met. 8 no. 4 3-6 '65.

Economic efficiency of the manufacture of nonwoven fabrics. G. A. Smirnova and others. Tekst. prom. 25 no. 8 50-51 Ag '65.

NORADRENALINE

Effect of noradrenaline on the blood flow in the liver and its oxygen regime in traumatic shock. S. A. Seleznev. Pat. (1961) 1849 1049 no. 3 20-24 My-Je '65.

NORCARANE

Preparation of cyclo-1,3-heptadienes from 7-norbornadienes. O. M. Medved, A. A. Ivashenko, N. N. Novitskaya. Izv. AN SSSR, Ser. khim. no. 9 1716 '65.

NORIL'SK REGION (KRASNOYARSK TERRITORY)—HORSETAIL, FOSSIL

Khakhlov, V. A. [Upper Paleozoic flora of northern Siberia in seven issues] Verkhnepaleozoiskaya flora severa Sibiri [v sem'i vypuskah]. Tomsk, Izd-vo Tomskogo univ.

No. 1. [Horsetails] Khvoshchevye. 1964. 112 p. illus.

NORIL'SK REGION (KRASNOYARSK TERRITORY)—LOGGING (GEOLOGY)

Experience in using gamma-gamma logging in the Noril'sk region. T. N. Shchukina, V. M. Petrushenko. Vop. rud. geofiz. no. 5 113-116 '65.

NORIL'SK REGION (KRASNOYARSK TERRITORY)—PALaeOBOTANY, STRATIGRAPHIC

Khakhlov, V. A. [Upper Paleozoic flora of northern Siberia in seven issues] Verkhnepaleozoiskaya flora severa Sibiri [v sem'i vypuskah]. Tomsk, Izd-vo Tomskogo univ.

No. 1. [Horsetails] Khvoshchevye. 1964. 112 p. illus.

NORMANS

Shashol'skii, I. P. [The Norman theory in contemporary bourgeois science] Normanskaya teoriya v sovremennoi burzhuaznoi nauke. Moskva, Nauka, 1965. 219 p.

NORTH AMERICA—PHYSICAL GEOGRAPHY

Ignatiev, G. M. [North America; its physical geography] Severnaya Amerika: fizicheskaya geografiya. Moskva, Prosveshchente, 1965. 273 p. maps (insert)

NORTH ATLANTIC TREATY ORGANIZATION

Katorinich, V. M., Iu. N. Erashov, and T. K. Belashchenko. [The face of imperialist barracks] Litsio imperialisticheskoi kazarmy. Pod obshchey red. A. M. Shevchenko. Moskva, Voenizdat, 1965. 76 p.

NORTH CAUCASUS ECONOMIC REGION—PLASTICS IN THE MACHINERY INDUSTRY

Replacing nonferrous metals by plastics in the machinery industry of the North Caucasus Economic Council. R. I. Kechev, L. I. Litvin. Bluz. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 10 no. 7 62-63 Ji '65.

NORTH KAZAKHSTAN PROVINCE—CONSTRUCTION INDUSTRY—FINANCE

Planning organ, bank, and construction project. A. Zubkov. Nar. khoz. Kazakh. 23 no. 8 40-52 S '65.

NORTH KOREA

see Korea, North

NORTH OSSETIA

see Ossetia, North

NORTH STAVROPOL OIL FIELD—SUBSIDENCES (EARTH MOVEMENTS)

Crustal subsidences in the North Stavropol Pelagiadi gas field. Iu. V. Ternovoi, K. A. Belov. Gaz. delo no. 9 7-12 '65.

NORTHEAST ECONOMIC REGION—INDUSTRIAL EQUIPMENT—FINANCE

Deliveries of equipment. A. Volkova. Fin. SSSR 39 no. 9 51-52 S '65.

NORTHERN CAUCASUS

see Caucasus, Northern

NORTHERN DVINA RIVER—FISHING

Suranov, I. V., and S. N. Ponomarev. [Sport fishing on the Northern Dvina] Sportivnaya lovlia ryby na Severnoi Dvine. [Arkhangel'sk] Severo-Zapadnoye knizhnoe izd-vo, 1965. 37 p.

NORTHERN HEMISPHERE—ATMOSPHERE

Characteristics of the interaction of processes of the atmospheric circulation over the northern hemisphere. I. A. Mikh. Haidal. Trudy KAZNICHIM no. 2 13-14 '65.

NORTHERN HEMISPHERE—ATMOSPHERIC TEMPERATURE—TRENDS

Characteristics of the thermal regime of the spring and summer periods in the northern hemisphere. I. A. Berezneva. Trudy GGO no. 180 11-119 '65.

NORTHWEST ECONOMIC REGION—ECONOMIC POLICY

Improvement of planning in an economic region. I. K. Krasnov. Plan. khoz. 42 no. 9 17-22 S '65.

NORTHWEST ECONOMIC REGION—FORESTS AND FORESTRY

Improve the use of forest resources and wood. N. Kotletsov, A. Badusov, Iu. Sergeev. Plan. khoz. 42 no. 9 77-79 S '65.

NORTHWEST ECONOMIC REGION—INDUSTRIAL MANAGEMENT

Improvement of planning in an economic region. I. K. Krasnov. Plan. khoz. 42 no. 9 17-22 S '65.

NORTHWEST ECONOMIC REGION—INDUSTRIES

Some problems of the economic development of the Northwest Economic Region. G. G. Gritsk, L. Monakhovich, M. Dolnik. Plan. khoz. 42 no. 9 67-68 S '65.

NORTHWEST ECONOMIC REGION—INLAND WATER TRANSPORTATION

River transportation and the development of natural resources of the Northwest. S. Blank, N. Seleznev, A. Shustov. Plan. khoz. 42 no. 9 63-65 S '65.

NORTHWEST ECONOMIC REGION—MINES AND MINERAL RESOURCES

Some problems of the economic development of the Northwest Economic Region. G. G. Gritsk, L. Monakhovich, M. Dolnik. Plan. khoz. 42 no. 9 67-68 S '65.

NORTHWEST ECONOMIC REGION—ROCK PRODUCTION INDUSTRY

River transportation and the development of natural resources of the Northwest. S. Blank, N. Seleznev, A. Shustov. Plan. khoz. 42 no. 9 63-65 S '65.

NORTHWEST ECONOMIC REGION—WOOD-USING INDUSTRIES

Improve the use of forest resources and wood. N. Kotletsov, A. Badusov, Iu. Sergeev. Plan. khoz. 42 no. 9 77-79 S '65.

NORWEGIAN SEA—SUBMARINE GEOMORPHOLOGY

Origin of the bottom relief of the Norwegian Sea. V. M. Litvin. Okeanologiya 5 no. 4 692-700 '65.

NOSE—DISEASES

Diagnosis of infectious atrophic rhinitis. A. I. Smutvin. Veterinarnii 42 no. 7 36-38 Ji '65.

Veterinary hygienic measures as a basis for the elimination of infectious atrophic rhinitis in swine. A. I. Gavrichenko, S. V. Korolev. Veterinarnii 42 no. 7 14-15 Ji '65.

Weltmann's reaction in infectious atrophic rhinitis of swine. F. V. Zakharova. Veterinarnii 42 no. 7 14-15 Ji '65.

NOSE—RADIOGRAPHY

Correlation between the dimensions of the soft tissues and the bone base of the nose. G. V. Lashchinskaya. Sver. etn. no. 3 146-151 My-Je '65.

NOSE, ACCESSORY SINUSES OF—TUMORS

Pathomorphological characteristics of tumors of the Highmore's antrum and the ethmoidal labyrinth. A. G. Bocharovskii. Soob. AN Gruz. SSR 19 no. 2 44-45 Ag '65.

NOTARIES

(see also subdivision under Lvov Province; Ukraine)

Current problems in notarial practice. I. I. Bondarev. Sov. gos. i pravo 35 no. 8 125-126 S '65.

Practices of notaries in the attention of true copies of documents. A. Klimanova. Sov. iust. 20 no. 17-10-13 S '65.

NOTICE (LAW)

Decision No. 5 of the Plenum of the Supreme Court of the U.S.S.R. of July 20, 1965, entitled "Court procedures to determine the restitution of rights according to lost documents made out to bearer, public notice proceedings." Bluz. Verkh. Suda no. 4 7 '65.

NOVAYA BELOKURIKHA (ALTAI TERRITORY)—BATHS, MEDICATED

Effect of therapeutic radioactive factors at the Belokurikha Health Resort on the thyrotropic activity of the blood serum in thyrotoxicosis. V.I. Fedenkov, Vop. kur., fizioter. i lech. fiz. kul't. 29 no. 1327-330 JI '64.

NOVGOROD—BARK INSCRIPTIONS

Topography of nine birch bark inscriptions from Novgorod. S.N. Orlov, Vest. LGU 20 no. 13156-158 '65.

NOVGOROD PROVINCE—FOREST SOILS

Novgorod oak-forest soils. I.V. Akushevskaya, Pochvovedenie no. 8:25-31 Ag '65.

NOVGOROD PROVINCE—SOILS—TRACE ELEMENT CONTENT

Content of microelements (copper, cobalt and magnesium) in some soils of Novgorod Province. L.F. Irfonova, Vest. LGU 20 no. 1571-78 '65.

NOVOBIOCIN

Autotrophic mutants of the products of novobiocin. I.U. Batashevich, S.I. Llubinskaya, Antibiotiki 10 no. 7:589-593 JI '65.

Formation of novobiocin in the dynamics of the development of Actinomyces sphaeroides culture on a synthetic medium with various nitrogen sources. N.S. Tgoyov and others, Antibiotiki 10 no. 8:678-684 Ag '65.

Strain No. 35 of Actinomyces sphaeroides as a producer of novobiocin. S.I. Llubinskaya, Antibiotiki 10 no. 8:781-784 S '65.

NOVOCAINE

Endolumbar injections of hydrocortisone and peridural injections of hydrocortisone with novocaine for the treatment of radiculitis. I.U. Krasnianskii, Zhurn. i prakt. 65 no. 9:1301-1304 '65.

Local novocaine anesthesia in operations on the organs of the small pelvis. T.N. Stidykov, Nauch. study Kaz. gos. med. inst. 11:544-548 '64.

NOVOCHERKASSK—HEAT EXCHANGERS

Manufacturing chemical equipment from materials based on graphite at the Novocherkassk Electrode Plant. B.S. Simavskii, Khim. tekhn. - ekon. inform. Gos. nauch. - issl. inst. nauch. i tekhn. inform. 18 no. 7:11-15 JI '65.

NOVOKUZNETSK—COKE INDUSTRY—ACCOUNTING

Operational calculation and analysis of production costs for the by-product coke industry and blast furnace practices at the Kuznetsk Metallurgical Combine. N.S. Sachko, N.G. Kropachev, E.L. Gol'den. Stal' 25 no. 9:856-858 S '65.

NOVOKUZNETSK—IRON AND STEEL WORKERS

Men skilled in flame processing. M. Eskin, Agitator 33 no. 18:45-47 S '65.

NOVOMOSKOVSK—QUARRIES AND QUARRYING—EQUIPMENT AND SUPPLIES

Studies on the parameters of trackless conveying machines in the mine of Novomoskovsk Gypsum Combine. D.B. Kozhukhmedov, A.F. Kuglikov, Trudy Inst. gos. dela AN Kazakh SSR 17 04-02 '65.

NOVOSIBIRSK—CARGO HANDLING

Planning of the shipping routes for combined water way and railroad transportation of goods and a coordinated schedule. E. Sukkonin, Rech. transp. 24 no. 5:39 '65.

NOVOSIBIRSK PROVINCE—COOPERATIVE SOCIETIES

Harmonious work of a cooperative society. V. Chalyrev, Sev. potreb. koop. 0 no. 9:22-23 S '65.

NOVOSIBIRSK PROVINCE—WHEAT

18 centners of wheat per hectare. V.A. Ustinzhani, Zemledelie 27 no. 6:38-39 Je '65.

NOVOSIL' DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION

The duty of a specialist. G. Vorob'ev, Pamy. zhizn' no. 18:44-47 S '65.

NOVOSIL' DISTRICT—STOCK AND STOCKBREEDING

The duty of a specialist. G. Vorob'ev, Pamy. zhizn' no. 18:44-47 S '65.

NUCLEAR COUNTERS

(see also subdivision under Tallinn)

Use of the ionization calorimeter method in studying the interaction of 10^{12} ev. particles. I.I. Babajan and others, Izv. AN SSSR, Ser. fiz. 20 no. 8:1652-1655 S '65.

NUCLEAR ENGINEERING—CONGRESSES

International Symposium on Nondestructive Testing in Nuclear Technology. V. Gorskii, Atom. energ. 19 no. 3:317-318 S '65.

NUCLEAR FISSION

Angular anisotropy of fission by sub-barrier deuterons. I.U. A. Nemilov and others, Izd. fiz. 2 no. 3:460-465 S '65.

Angular distributions of fragments near the threshold of U^{238} photofission. I.L. Bocharova and others, Zhurn. eksp. i teor. fiz. 48 no. 2:476-481 Ag '65.

Delayed gamma radiation in U^{235} fission. L.A. Popeko and others, Atom. energ. 19 no. 2:186-188 Ag '65.

Fission neutrons from excited nuclei. V.P. Nisimov, Atom. energ. 10 no. 2:113-116 Ag '63.

Instant fission gamma-quanta. V.P. Zominev, A.I. Savel'ev, A.I. Prokof'ev, Atom. energ. 19 no. 2:116-119 Ag '65.

Symposium on the Physics and Chemistry of Fission. B.D. Kur'minov, Atom. energ. 19 no. 2:207-208 Ap '65.

NUCLEAR GEOPHYSICS

Akademiya nauk SSSR. Komissiya po opredeleneniyu absolutnogo vozirosta geologicheskikh formatsii. [Methodological problems of isotopic geology] Metodicheskoe voprosnoye izotopnoi geologii. Moskva, Nauka, 1965. 161 p.

NUCLEAR MAGNETIC RESONANCE

Conditions of magnetic resonance in spiral structures. S.V. Tiablukhov, Fiz. met. i metalloved. 20 no. 2:292-295 Ag '65.

Electromagnet of a radiospectrometer for observing nuclear magnetic and electronic paramagnetic resonance. A.M. Sazonov, Izv. LETI no. 52:141-151 '64.

Electronic structure of 3-hydroxypyridines. Part 1: Proton magnetic resonance spectra and calculation by the methods of molecular orbitals and linear combination of atomic orbitals. V.P. Lezhina and others, Teoret. i ekspr. khim. 1 no. 3:281-280 My-Je '65.

Electronic structure of 3-hydroxypyridines. Part 2: Chemical reactivity of 3-hydroxypyridines. K.M. Dimaev and others, Teoret. i ekspr. khim. 1 no. 3:200-204 My-Je '65.

Method for finding the optimum location for the magnet of a nuclear magnetic resonance spectrometer of high resolving power. A.N. Llubinov and others, Zav. lab. 31 no. 8:1023-1025 '65.

Nuclear relaxation on hot electrons. V.P. Kalashnikov, Fiz. met. i metalloved. 20 no. 2:285-287 Ag '65.

Properties of high-molecular weight compounds studied by the nuclear magnetic resonance method, a survey. A.S. Khachaturov, Zav. lab. 31 no. 8:948-950 '65.

Proton magnetic resonance spectra and structure of the products of reaction of α , β -unsaturated acid anhydrides with asymmetrical dimethylhydrazine. A.I. Kolt'sev, Izv. AN SSSR, Ser. khim. no. 8:1350-1357 '65.

Study of intermolecular reactions in free radical solutions of 2,2,4,4-tetramethylpentamethylene nitric oxide by the nuclear magnetic resonance method. I.U. Samitov, D. Bismenov, Teoret. i ekspr. khim. 1 no. 3:387-393 My-Je '65.

Study of keto-enol equilibrium of 3-nitroacetophenones by the nuclear magnetic resonance method. I.U. Samitov and others, Izv. AN SSSR, Ser. khim. no. 9:1556-1564 '65.

Study of the induction effect of substituents in organochlorine compounds by the nuclear quadrupole resonance method. I.P. Birukov, M.G. Voronkov, I.A. Safin, Teoret. i ekspr. khim. 1 no. 3:373-389 My-Je '65.

Using the method of nuclear magnetic resonance to determine the solubility limit in binary alloys. M.F. Lapenkov, V.N. Fedotov, Izv. vys. ucheb. zav. icher. i met. 8 no. 0:130-141 '65.

Using the nuclear magnetic relaxation method for the analysis of alloys and electrolytes of electroplating baths. A.A. Popov, Z.A. Saprykova, Zav. lab. 31 no. 8:957-959 '65.

NUCLEAR MODELS

Dependence of the mean characteristics of an extensive air shower on a model of a model of the nucleus interaction of nucleons. L.G. Dedenko, Izv. AN SSSR, Ser. fiz. 20 no. 9:1725-1727 S '65.

On certain mass formulae in a quartet model. I.A. Azimov and others, Izd. fiz. 2 no. 3:683-684 S '65.

NUCLEAR OPTICAL MODELS

Optical model for deuterons allowing for the tensor spin-orbital interaction. E.B. L'ovshyn, V.F. Kharchenko, Ukr. fiz. zhurn. 10 no. 9:930-951 S '65.

NUCLEAR PHYSICS

Haide, R.P. [Atomic physics] Atomna fizika. [L'viv] Vyd-vo L'vivskoho univ., 1965. 352 p.

Magnetic moments of baryons and the SU(6)-symmetry. A.I. Akhiezer, M.P. Rekato, Fiz. i ved. Zhurn. eksp. i teor. fiz. 1 no. 1:47-51 Ap '65.

Mukhin, K.N. [Introduction to nuclear physics] Vvedenie v izucheniye fiziki. 2nd ed., perer. i dop. Moskva, Atomizdat, 1965. 720 p.

NUCLEAR PHYSICS—CONGRESSES

Fifteenth Annual Conference on Nuclear Spectroscopy and Nuclear Structure. S.I. Sukhoruchkin, Atom. energ. 19 no. 3:316 S '65.

NUCLEAR PHYSICS—EQUIPMENT AND SUPPLIES

Electromagnet of a radiospectrometer for observing nuclear magnetic and electronic paramagnetic resonance. A.M. Sazonov, Izv. LETI no. 52:141-151 '64.

NUCLEAR REACTIONS

Angular distribution of slow neutrons from the (γ, n) -reaction on deuterium nuclei. P.A. Cherdanov, Izv. vys. ucheb. zav. i cher. i met. 8 no. 3:160-167 '65.

Effect of the characteristics of triangular diagrams with decay masses on the mass spectra of the system $\pi^+ d$, $\pi^+ \Sigma^{1385}$, and $\pi^+ \Omega$. V.V. Anisovich, V.V. Pomin, Izd. fiz. 2 no. 3:567-564 S '65.

Generation of baryon resonances in weak interactions, and unitary symmetry. M.P. Rekato, Fiz. i ved. Zhurn. eksp. i teor. fiz. 1 no. 2:16-19 Ap '65.

Rules of selection for nuclear reactions involving nucleon resonances in the SU(3) scheme. N.S. Zelenkaya and others, Izd. fiz. 2 no. 3:177-172 S '65.

Two-nucleon transfer in direct reactions. I.S. Shapig, S.F. Pinnachev, Izd. fiz. 2 no. 4:155-159 S '65.

NUCLEAR REACTIONS

Gamma-ray and neutron dosimetry in nuclear reactions by means of colored polyvinyl alcohol films. A.I. Lavrentovich and others, Atom. energ. 10 no. 3:273-276 S '65.

Indium-gallium radiation loop for pool reactor. G.I. Kiknadze and others, Atom. energ. 10 no. 2:176-177 Ag '65.

Reactor cross section of Pm^{147} buildup and samarium poisoning. I.A. Kondarov and others, Atom. energ. 19 no. 2:108-109 Ag '65.

Removal of sodium-water interaction products in a circulation system. V.I. Sabolkin and others, Atom. energ. 10 no. 3:208-206 S '65.

NUCLEAR SHELL THEORY

Theory of the self-consistent field for the state with open shells. G.G. Diadushka, V.A. Kupilevich, Teoret. i ekspr. khim. 1 no. 3:106-104 My-Je '65.

NUCLEAR SPIN

Effect on scattering on particles of higher spin. V.M. Dubovik, Izd. fiz. 2 no. 3:107-105 S '65.

Representations of a group of rotations with complex spin. S.S. Samikov, Izd. fiz. 2 no. 3:570-501 S '65.

Spin-lattice relaxation of rare earth ions. G.A. Bogachev, Izv. vys. ucheb. zav. i cher. i met. 8 no. 3:105-100 '65.

Theory of a self-consistent field in multiconfigurational approximation. H.H. Diadushka, V.A. Kupilevich, Dop. AN URSR no. 0:161-165 '65.

Unitary and spin content of SU(6) supermultiplets. A.M. Perelomov, V.S. Popov, I.A. Malkin, Izd. fiz. 2 no. 3:533-512 S '65.

NUCLEI, ATOMIC

Calculating the magnetic moments of spherical nuclei. I.I. Saperstein, V.A. Khmel'ov, Izd. fiz. 2 no. 1:433-135 S '65.

Effective quadrupole charge in nuclei. S.P. Kamezdzhiev, Izd. fiz. 2 no. 3:115-112 S '65.

Electromagnetic form factors in a three-nucleon system. I.U. A. Kalade, P.P. Plipiatte, V.K. Shugurov, Izd. fiz. 2 no. 3:136-440 S '65.

Mean widths of radiative transitions in "heated" nuclei. R.N. Kuzlin, Izd. fiz. 2 no. 3:109-114 S '65.

Neutron scattering on a polarized target. V.G. Hayshevskii, V.L. Lelushin, M.I. Podgoretskii, Izd. fiz. 2 no. 3:411-443 S '65.

Optical potential of a nucleus in an excited state. I.V. Isoplin, Izd. fiz. 2 no. 3:423-426 S '65.

Radiation widths of intermediate nuclei. Kh. Kh. San and others, Zhurn. eksp. i teor. fiz. 40 no. 2:110-113 Ag '65.

NUCLEI, ATOMIC—SCATTERING

Complex angular momentum in nuclear Coulomb scattering. I.U. L. Monkovskiy, Ukr. fiz. zhurn. 10 no. 8:952-950 S '65.

NUCLEIC ACID METABOLISM

DNA content in the adrenal glands of rabbits of various ages under physiological and physical load. K.P. Rjabov, Dokl. AN BSSR 9 no. 7:483-181 JI '65.

Effect of insulin shock on nucleic acid metabolism in the brain of white rats. I.Kh. Horhko, Ukr. biokhim. zhurn. 37 no. 4:522-528 '65.

Effect of semicarbazide and hydroxylamine on the rate of P^{32} incorporation into nucleic acids of the rabbit brain. Zh. A. Chabalin, Vop. biokhim. mor. 1:157-152 '64.

NUCLEIC ACIDS

Action of liver ribonucleic acid on the growth of tumors in experimental animals. K.A. Perovskikh, K.A. P. Bolonov, T.V. Bul'dareva, Biol. eksp. biol. i med. 80 no. 8:102-105 Ag '65.

Dynamics of nucleic acids and glycogen in the process of tissue detoxication and restoration. T.A. Orskholi, Soob. AN Cruz. SSR 38 no. 2:496-412 My '65.

NUCLEIC ACIDS (Continued)

- Effect of acceleration on the ribonucleic acid content in cells of the motor area of the cerebral cortex. D. I. Medvedev. *Trudy Uchebno-nauch. zap.* 7, Vop. med., no. 1:165-170 '64.
- Effect of some antiepileptic antibiotics on the synthesis of nucleic acids and reproduction of viruses in a culture of human amnion cells (strain FL). E. S. Zalmanzon and others. *Antibiotiki* 10 no. 7:613-622 J1 '65.
- Fluorescence-cytochemical method of studying nucleic acids in plants. G. M. Kozubov. *Izv. AN SSSR Ser. biol.* no. 5:756-759 S-O '65.
- Histochemical study of the fatty tissue of a silkworm under the effect of chloramphenicol. E. F. Ulanova. *Tsitologia* 6 no. 3:376-379 My-Je '64.
- Interrelationship between synthesis and transfer of RNA in a cell. V. V. Tersikh, M. I. Lerman, G. P. Georgiev. *Dokl. AN SSSR* 164 no. 1:208-211 S '65.
- Kinetics of DNA denaturation following ultraviolet irradiation. V. M. Zhihova and others. *Dokl. AN SSSR* 164 no. 1:198-200 S '65.
- Picric acid hydrolysis in the cytochemical Feulgen reaction for DNA as a means of preservation of glycogen and RNA in histological preparations. M. G. Shubich. *Tsitologia* 6 no. 3:384-387 My-Je '64.
- Remarks on the staining of nucleic acids in cells by the methyl green-pyrosine method. V. I. Shukov, V. V. Iazykov. *Tsitologia* 6 no. 3:383-384 My-Je '64.
- Role of anticodons of transfer RNA in the interaction with aminoacyl RNA synthetases. L. I. Frolova, L. L. Kiselev, V. A. Englgard. *Dokl. AN SSSR* 164 no. 1:212-215 S '65.
- Species specificity of "soluble" RNA and aminoacyl-RNA-synthetases in some plants. T. M. Ermakova and others. *Dokl. AN SSSR* 164 no. 3:688-691 S '65.
- Transformation of microorganisms with the help of DNA. S. E. Mansurova. *Usp. mikrobiol.* 1:134-148 '61.
- Use of Erbe's method for the study of the effect of analogs of nucleic acid bases on immunogenesis. L. A. Pevnit-skii, V. V. Solov'ev, L. N. Fontalin. *Bull. eksp. biol. i med.* 60 no. 5:85-89 Ag '65.
- Verifying the applicability of galloxyaniline-chrome alum staining for the purpose of photometric measurement of the RNA quantity in the cytoplasm. L. P. Ovchinnikova, G. V. Selivanova. *Tsitologia* 6 no. 3:387-388 My-Je '64.

NUCLEIC ACIDS—TOXICOLOGY

- Infectivity of the total ribonucleic acid isolated from *Neisseria meningitidis* with A-10 Coxsackie virus. V. P. Shirobokov. *Bull. eksp. biol. i med.* 60 no. 8:89-92 Ag '65.

NUCLEONS

- Phenomenological picture of the generation of secondary particles in nucleon interactions at energies of hundreds and thousands of BeV. N. A. Dobrota and others. *Izv. AN SSSR Ser. fiz.* 29 no. 9:1627-1630 S '65.
- Two-nucleon transfer in direct reactions. I. S. Shapiro, S. F. Timashev. *IAD. fiz.* 2 no. 3:445-450 S '65.

NUCLEOPROTEINS

- Effect of small ionizing radiation doses on some phases of the deoxyribonucleoprotein structure. B. P. Ivanov and others. *Radiobiologiya* 5 no. 4:491-493 '65.
- State of deoxyribonucleoprotein isolated from the spleen tissue in mice following the influence of γ -radiation in doses inducing a high leukemogenic effect. N. A. Gligorovich. *Bull. eksp. biol. i med.* 60 no. 6:106-109 Ag '65.

NUCLEOTIDES

- Effect of experimental training on induced synthesis of nicotinamide deoxynucleotide in the organism. V. A. Rogozkin. *IA Akad. Ukr. biokhim. zhur.* 37 no. 4:558-564 '65.
- Effect of gamma aminobutyric acid on the content of free nucleotides in the brain of rabbits. Zh. A. Chalabian. *Vop. biokhim. moz.* 1:61-66 '64.
- Nucleotide composition of the streptomycin-resistant *Erwinia carotovora* f. citrullifera. L. S. Fedorova. *Antibiotiki* 10 no. 9:840-841 S '65.
- Role of anticodons of transfer RNA in the interaction with aminoacyl RNA synthetases. L. I. Frolova, L. L. Kiselev, V. A. Englgard. *Dokl. AN SSSR* 164 no. 1:212-215 S '65.

NUCLEOTIDES (Continued)

- Empirical formula for finding the number of pairs of twins contained in the interval t to x . N. P. Spinderev. *Trudy Chel. gos. ped. inst.* 2:62-65 '64.
- Presentation of a set of all nonnegative real numbers based on the set of all nonnegative integers. I. A. Barkov. *Trudy Chel. gos. ped. inst.* 2:17-12 '61.
- Tauberian theorem on "high indices" for Borel's method. V. I. Mel'nik. *Mat. sbor.* 68 no. 1:17-25 S '65.

NUMBERS, THEORY OF—PROBLEMS, EXERCISES, ETC.

- Chilbanov, V. U., and P. I. Tillov. [Exercises in the theory of numbers.] *Sbornik uprazhnenii po teorii chisel.* Moskva, Prosveshchenie, 1964. 143 p.

NUMERICAL WEATHER FORECASTING

- Changes in temperature and geopotential caused by the radiation supply of heat. P. N. Belov, A. F. Kivganov. *Trudy MMTS no. 8:55-57 '65.*
- Forecasting geopotential, temperature, and wind by the complete system of hydrodynamic equations. L. V. Berkovich. *Trudy TSIP no. 148:3-10 '65.*
- Numerical solution of a plane advection equation. A. B. Kicunin. *Izv. AN SSSR Fiz. atm. i okean. 1 no. 8:872-875 '65.*

NUREK DAM—STRAINS AND STRESSES

- Experimental research on the stressed state of the Nurek Arch Dam. N. P. Rozanov and others. *Sber. trud. MMSI no. 46:48-64 '64.*

NUREMBERG TRIAL OF THE MAJOR GERMAN WAR CRIMINALS, 1945-1946

- From the history of the Nuremberg Trial, notes of a prosecutor (to be continued). G. N. Aleksandrov. *Nov. vrem.* 23 no. 43:16-19 O '65.

NURSERY STOCK

- Practice in growing nursery stock of laurel. V. V. Voinarov. *Subtrop. kul't.* 1 no. 1:93-102 '65.

NUTRITION

- The problem of nutrition in relation to anthropogenesis. Konstantin D. Todorov. *Vop. ant.* no. 16:138-139 '61.
- Ukrainskii nauchno-issledovatel'skii institut planit. [Rational nutrition.] *Ratsional'noe planit.* Kiev, Zdobov'ia, 1965. 210 p.

NUTRITION—RESEARCH

- Some problems of the biochemistry of nutrition. A. A. Pokrovskii. *Zhurn. VkhO* 10 no. 3:247-257 '65.

NYLON

- Effect of orientation on the crystallinity of capron I I. Novak, V. I. Veltchen'. *Vysokom. soed.* 7 no. 6:1027-1029 Je '65.
- Electron microscope study of the orientation of polycapronamides. S. N. Zhurkov and others. *Vysokom. soed.* 7 no. 6:1011-1014 Je '65.
- Mastjukov, A. E., and G. G. Romanovskii. [Use of the viscous sulfuric acid solutions of capron in turpentine.] *Pimenenie vkladikh senokislolykh rastvorov kaprona v podsochnom proizvodstve.* Moskva, Lesnaya promyshlennost', 1965. 28 p.
- Preventing the strength decrease of nylon filaments during twisting on a ring twister. M. P. Nosov, and others. *Tekst. prom.* 25 no. 8:70-74 Ag '65.
- Relation between the wear resistance and adhesion of nylon coatings under the conditions of the various methods of their application on the metallic surface. V. N. Kestelman and others. *Plast. massy* no. 8:60-61 '65.
- Testing piston capron rings for 197 mm. compressor cylinders. A. V. Timakov. *Gaz. prom.* 10 no. 8:45-46 '65.

NYLON—TESTING

- Changes in some properties of polyamide fibers and fabrics due to prolonged exposure to sun's rays. A. Paulauskas, A. Visokinskas. *Tekst. prom.* 25 no. 8:66-70 Ag '65.

NYLON—THERMAL PROPERTIES

- Studying some thermoplastic properties of nylon fabrics. E. P. Tikhonchikova, A. I. Pavlov. *Izv. vys. ucheb. zav.*; tekhn. log. prom. no. 4:35-39 '65.

NYLON HOSIERY see Hosiery, Nylon

NYSTAGMUS

- Effect of prolonged optokinetic stimulation on the organism. V. P. Neverov. *Probl. kosm. biol.* 4:318-321 '65.
- Nystagmographic analysis of the fast component of vestibular nystagmus evoked by radial acceleration. M. M. Levashev. *Fiziol. zhur.* 50 no. 12:1424-1433 D '64.

OAK

- (see also subdivision under Ukraine)
- Advantages of planting oak in clusters. D. P. Zel'man. *Agrobiologiya* no. 5:749-758 S-O '65.

- Molchanov, A. A., and V. A. Gubartva. [Formation and growth of oak on cutovers in the forest-steppe.] *Formirovanie i rost duba na vyubkakh v lesostepi.* Moskva, Nauka, 1965. 251 p.

- (DNA).
- Novgorod oak-forest soils. L. V. Iakushova. *Pochvovedenie* no. 8:25-34 Ag '65.

OATS—FERTILIZERS AND MANURES

- Characteristics of the nutrition of grain crops and legumes in their mixed sowing. P. O. Dmytrenko, A. Ia. Lohovska, O. H. Tomashevska. *Dop. AN URSS* no. 9:1225-1228 '65.

OATS—FROST RESISTANCE

- Preservation of spring oat and pea plants in winter under artificial conditions. G. Salchava, M. Vasilava. *Agrobiologiya* no. 5:764-765 S-O '65.

OB' VALLEY—BLACKFLIES

- Study of blackflies in the central Ob' Valley. Z. S. Darichuk. *Izv. SO AN SSSR* no. 8, Ser. biol.-med. nauk no. 2:106-109 '65.

OB' VALLEY—SOILS—PHOSPHORUS CONTENT

- Group composition of phosphates in gray forest soils and leached Chernozems of the Ob' Plateau. L. A. Zalkova, I. Ia. Maslova. *Izv. SO AN SSSR* no. 8, Ser. biol.-med. nauk no. 2:38-43 '65.

OBROSOV, ALEKSANDR NIKOLAEVICH, 1895-

- Aleksandr Nikolaevich Obrosov, on his 70th birthday. *Vop. kn., fiziol. i lek. fiz. kul't.* 30 no. 4:289-293 J1-Ag '65.

OBSESSIONS

- Problem of obsessive states originating in the initial period of the schizophranic process. N. D. Lakosina. *Probl. sud. psikh.* no. 13:176-182 '62.
- Role of deprivation or sleep in the genesis of obsessive fear. N. M. Asatiani. *Probl. obshech. i sud. psikh.* no. 14:70-76 '63.

OBSTETRICS

- Some anthropological indices of the normal pelvis in women. V. I. Tolchecva. *Vop. ant.* no. 16:99-103 '64.

OCCUPATIONAL DISEASES

- State of the endovascular system under the effect of some chemical and physical factors of an industrial environment. N. M. Konchalovskaja, A. M. Rachevskaja, N. N. Shaliov. *Vest. AMN SSSR* 20 no. 6:10-24 '65.

OCCUPATIONS, DANGEROUS

- Benefits and compensations for work in enterprises with difficult and harmful working conditions. V. Lazarev. *Sob. trud.* 10 no. 3:129-130 '65.

OCEAN BOTTOM

- (see also subdivision under Atlantic Ocean)

- Quantitative characteristics of the inclination angle of the surface of the bottom of seas and oceans. G. V. Agapova. *Okeanologiya* 5 no. 4:746-752 '65.

OCEAN CURRENTS

- (see also subdivision under Atlantic Ocean, Barents Sea; Mediterranean Sea)
- Problems of the dynamics of the surface zone. A. Ia. Shvaritsman. *Trudy GGI no. 124:91-101 '65.*
- Turbulent exchange in a stably stratified ocean. R. V. Ozmidov. *Izv. AN SSSR, Fiz. atm. i okean. 1 no. 3:853-860 '65.*

OCEAN CURRENTS—MEASUREMENT

- Accuracy of determining the vertical component of the geomagnetic field for an electromagnetic current meter. V. V. Novyysh. *Okeanologiya* 5 no. 4:718-725 '65.

- The GM-27 long-distance self-recorder of ocean currents. G. K. Popandopulo. *Trudy NIIGMP no. 14:3-9 '65.*

OCEAN LINERS

- Cargo-passenger liner. A. G. Gordjev. *Mar. flot* 24 no. 8:38 Ag '64.

OCEAN TEMPERATURE

- Calculation of the vertical temperature profile in the sea. S. V. Kochetov, K. S. Pomeranets. *Trudy GOIN no. 85:144-152 '65.*

OCEAN TEMPERATURE—MEASUREMENT

- Device for studying temperature distribution in the sea from a moving ship. V. V. Medvedevskii. *Okeanologiya* 5 no. 4:725-726 '65.

OCEAN WAVES—SPECTRA

- Relation of the turbulence spectra of the surface layer of the atmosphere above the sea to the spectrum of the surface waves. V. I. Makova. *Okeanologiya* 5 no. 4:582-605 '65.

OCEANOGRAPHIC RESEARCH

- Plan of the "General scientific principles of the multi-lateral study of the world ocean." V. G. Kort. *Okeanologiya* 5 no. 4:753-755 '65.

begin -
N Azerb.

tions
Met.

..I.
103-

OIL SHALES

(see also subdivision under Estonia)

Determining the permissible coefficient of failure and critical oil rate for the machine components of the mining equipment in oil shale mines. V. Titov, Khim. i tekhn. gor. slan. i prod. ikh. per. no. 13:67-71 '64.

Developing the method of cold fractionation of shale tar. Report no. 6. Cold fractionation as a method for tar preparation in Azerbaijan and others. Khim. i tekhn. gor. slan. i prod. ikh. per. no. 13:312-318 '64.

Participation in the production and industrial use of KIS-1 additive. H. Ruzhice, E. Rajace. Khim. i tekhn. gor. slan. i prod. ikh. per. no. 13:285-294 '64.

Investigating the relation between the number of switching, flotation layers of leading machines and some factors in the toping chamber of oil shale mines. V. Titov, G. V. Smirnov, O. V. Dubov. Khim. i tekhn. gor. slan. i prod. ikh. per. no. 13:61-66 '64.

Method for determining neutral oils in solutions of benzene in water. V. I. Vasilev, Khim. i tekhn. gor. slan. i prod. ikh. per. no. 13:243-247 '64.

Overall utilization of oil shales. Bul. tekhn. ekon. inform. Gos. nauch.-issled. inst. tekhn. i tekhn. inform. no. 7:75-77 '63.

Possibility of using high-boiling shale phenols in the manufacture of thermosetting phenol-formaldehyde resins. M. I. Vasilev, Khim. i tekhn. gor. slan. i prod. ikh. per. no. 13:303-311 '64.

Prospects for the co-synthesis process based on shale oil. V. I. Zolotarev and others. Khim. i tekhn. gor. slan. i prod. ikh. per. no. 13:325-332 '64.

OIL SHALES—CRUSHING AND GRINDING

Results of the study of electric crushing of oil shales. H. Merila. Khim. i tekhn. gor. slan. i prod. ikh. per. no. 13:60-65 '64.

OIL SHALES—RADIOACTIVE PROPERTIES

Radioactivity of oil shales and of the products of their processing. U. Purnat, V. Aunap, V. V. Shcheminov. Khim. i tekhn. gor. slan. i prod. ikh. per. no. 13:86-92 '64.

OIL WELL CASING

Effect of cemented zone on the resistance of casings to external hydrostatic pressure. A. A. Mamedov, Shor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 4:32-39 '63.

OIL WELL CEMENTING

Effect of cemented zone on the resistance of casings to external hydrostatic pressure. A. A. Mamedov, Shor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 4:32-39 '63.

Effect of various fillers on the increase of resistance of plugging cements at high temperatures. S. L. Lantsevitskaya. Shor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 4:52-62 '63.

OIL WELL DRILLING

(see also subdivision under Azerbaijan)

Determining the optimum duration of drilling cycles. N. N. Adalilov, A. G. Askerov, V. P. Grishina. Shor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 4:11-14 '63.

Well drilling and side tracking in major repairing operations in aeration drilling. S. A. Mirzaeva, D. A. Shamkhalov, A. S. Sharutin. Shor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 6:17-23 '63.

OIL WELL DRILLING, ELECTRIC see subdivision under Karadag Oil Field

OIL WELL DRILLING FLUIDS

(see also subdivision under Azerbaijan)

Additives improving the lubricating properties of clay muds. L. G. Ruzasheva, E. A. Jaisnikova. Shor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 4:62-66 '63.

Carbohydrate-phenolic resin as a new chemical reagent. T. A. Markarova. Shor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 4:66-72 '63.

Combating circulation losses by controlling hydrostatic pressures in wells. A. G. Askerov, M. K. Seid-Rza, N. B. Babayev. Shor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 6:41-44 '63.

Crushing Dashkesan ores to be used in the production of weighting materials. I. D. Pydiman, E. D. Shchetkina, G. M. Mamedov. Shor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 6:61-68 '63.

Effect of viscosity reducers on the mechanical properties of clay muds. G. I. A. Dedusenko, V. S. Senenkova. Shor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 6:79-86 '63.

Equipment for drilling oil and gas wells using aerated fluids. E. Kh. Mekhiev. Mash. i neft. obor. no. 8:3-8 '65.

New type of an iron weighting agent. U. D. Shchetkina and others. Shor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 6:45-61 '63.

Using hydrocyclores for removing sand and borings from light-weight muds. N. M. Sherstenev, G. I. A. Dedusenko, G. N. Protasov. Shor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 6:68-78 '63.

OIL WELL DRILLING FLUIDS—HYDRODYNAMICS

Mechanostructural and thixotropic properties of drilling fluids processed with carbohydrate-phenolic reagents. T. A. Markarova. Shor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 1:72-76 '63.

OIL WELL DRILLING FLUIDS—PERMEABILITY

Water permeability of clay coatings. N. M. Sherstenev, A. G. Askerov, N. A. Ragimov. Shor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 6:86-91 '63.

OIL WELL DRILLING FLUIDS—THERMAL PROPERTIES

Thermal stability of natural clay muds. G. I. A. Dedusenko, A. K. Pokidina. Shor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 4:18-22 '63.

OIL WELL DRILLING RIGS

Pneumatic control of assembly units of drilling rigs manufactured by the "Barrikady" Plant. M. A. Provotorov. Mash. i neft. obor. no. 9:30-32 '65.

OIL WELL LOGGING—EQUIPMENT AND SUPPLIES

Temperature quenching of the luminescence of oil. E. A. Vb, A. I. Levitin, R. I. Plotnikov. Geofiz. prib. no. 20:97-98 '64.

OIL WELL LOGGING, ELECTRIC see subdivision under Kuma Valley

OIL WELL PUMPS

Control of the efficient performance of pumps is a potential for increasing drilling speed. A. G. Vasil'ev. Shor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 6:23-29 '63.

OIL WELL PUMPS—PARTS

Effect of abrasive particles on the wear of slush pump parts. V. I. Rostchupkin, O. I. Verzhin. Mash. i neft. obor. no. 8:17-20 '65.

Starting gate with a remote control system with quickly replaceable wearing parts. V. S. Elistratov, L. P. Birlukov. Mash. i neft. obor. no. 8:33-34 '65.

OIL WELLS

Selection of and justification for the design of wells 10,000 m. deep. D. S. Kazum-Zade, M. M. Karpenko, A. S. Shevtsov. Shor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 6:3-17 '63.

OIL WELLS—EQUIPMENT AND SUPPLIES

Killing of wells equipped with pumps for underground well repairs. R. S. Smirnov, N. Kh. Musin, G. M. Knyschenko. Neft. prom. dolo no. 8:10-20 '65.

OIL WELLS—MEASUREMENT

Basic problems of the electrical measurement of the depth parameters of wells. A. M. Melik-Shakhmurov. Avtometika no. 4:3-7 '65.

OILS AND FATS

Low temperature hydrogenation of vegetable oils on platinum group catalysts on carbon. L. I. Zueva, D. V. Sokol'skii. Trudy Inst. khim. nauk AN Kazakh, SSR 13:146-151 '65.

Palladium on aluminum oxide as an active catalyst for low temperature hydrogenation of fats in solvents. E. A. Pod'acheva, L. S. Golodova. Trudy Inst. khim. nauk AN Kazakh, SSR 13:202-206 '65.

Trans-Isomerization in the continuous hydrogenation of fats. K. A. Zhubanov, D. V. Sokol'skii. Trudy Inst. khim. nauk AN Kazakh, SSR 13:207-209 '65.

OILS AND FATS, EDIBLE

Ways to improve the quality of edible vegetable oil. V. M. Suslov, P. G. Semikhenko. Maslozhir. prom. 31 no. 9:1-2 '65.

OILS AND FATS, EDIBLE—PRESERVATION

Edible oils and fats and the new methods for improving their keeping quality during storage. V. P. Rzhemlin. Zhur VKHO 10 no. 3:285-300 '65.

OLSEED PLANTS

Effect of the ripeness of seed on the yield of individual oilseed and aromatic crops. D. P. Umen, I. I. Chulyi, L. M. Shcherbakova. Agrobiologiya no. 5:664-670 S-O '65.

ointments

Results of the use of Castellani's paint in some dermatoses. L. P. Gorovits. Sov. med. 28 no. 9:121-123 S '65.

OKA ECONOMIC REGION—INFORMATION SERVICE

Using cards with perforated borders in the central office of Technical Information and Enterprises of the Okhotev Economic Region. V. V. Urbanovich. NII no. 6:10-14 '65.

OKA VALLEY—MICROCLIMATOLOGY

Heat balance of an alluvial plain. P. I. Penkov. Trudy GGO no. 189:17-57 '65.

OKHOTSK, SEA OF—GAMMARIDAE

New species of Gammaridae (Amphipoda) from the northern part of the Sea of Okhotsk. V. A. Kuchashkov. Zh. i zhur. 13 no. 1:1045-1091 '65.

OKHOTSK, SEA OF—ICE

Calculation of the ice edges in the Sea of Okhotsk. V. N. Iakovlev. Trudy TSIP no. 116:98-106 '65.

OKHOISK SEA REGION—GEOLOGY, STRUCTURAL

Tectonics of the Tugur-Nimelona Trough (western part) in the region of the Sea of Okhotsk. M. S. Nigibina, I. I. Potapov. Trudy GIN no. 136:30-50 '65.

OKUNEV, GRIGORI SERGEEVICH, 1900-1937

Army Commander 2d Rank G. S. Okunev, A. Anandov. Voenn.-ist. zhur. 7 no. 1:125-126 JI '65.

OLD AGE HOMES

(see also subdivision under Moscow; Smolensk Province) More on the old subject. A. Rogov. Sots. obrat. 29 no. 6:38-39 Je '65.

OLEFINS

Characteristics of radiation-induced cross-linking of some polyolefins and their employment in an H_2O medium. V. I. Karpov and others. Vysokomol. soed. 1 no. 8:109-122 Ag '65.

Reaction of fluorinated ketones with olefins. N. P. Gamberlan, E. M. Rokhina, M. V. Zeffman. Izv. Ak. SSSR, Ser. khim. no. 8:1168-1169 '65.

OLEFINS, EFFECT OF RADIATION ON

Radiation-induced chemical cross-linking of polyolefins in the presence of sulfur monochloride. H. K. Kuznetsov and others. Dop. AN URSS no. 9:1103-1106 '65.

OLEOMARGARINE

Industrial production of the "Moskovskii" margarine with a creamery butter substitute. N. I. Kizim, V. I. Varibus, V. N. Rushtanovich. Maslozhir. prom. 31 no. 9:33-36 S '65.

OLIVE

(see also subdivision under Krasnodar Territory)

Olive, a valuable edible product. M. Raulov, S. I. Ataman. Kons. i ov. prom. 20 no. 9:26-31 Ag '65.

OLIVOMYCIN

Changes in the populations of ascetic cells following treatment with two anticancer substances. V. A. I. Ioshchuk, L. P. Kolesnikova. Antibiotiki 10 no. 9:724-730 Ag '65.

Effect of olivomycin on the nucleic acid and energy metabolism. N. E. Glushakova, G. I. Tsirulov. Antibiotiki 10 no. 9:804-808 S '65.

Products of acid hydrolysis of olivomycin. A. S. Mraznitsaev, E. B. Kruglik, M. G. Brazhnikova. Antibiotiki 10 no. 9:800-804 S '65.

OLYMPIC GAMES (WINTER)

[Fanfare sound over Innbruck] Nad Imbrukom ryuchat fanfary. Moskva, Fizkul'tura i sport, 1964, 207 p.

OM' RIVER—MOLLYUSKS

Study of the mollusk fauna of the lower reaches of the Om' River. V. N. Duzdov. Izv. Omsk. otd. nauch.-issled. no. 6:120-123 '64.

OMENTUM

Biological function of the great omentum. A. A. Zaporozhets. Dokl. AN BSSR 9 no. 6:415-418 Ja '65.

OMENTUM—TRANSPLANTATION

Outcome of a vascular transplant and the role of the omentum as the vascularizing agent in obliterating vascular diseases. G. M. Shalunov. Nauch. study Kaz. gos. med. inst. 14:325-326 '64.

OMSK—ADULT EDUCATION

And the director is only 10.... I. Ducl. Mol. komr. no. 8:74-70 '65.

OMSK—LOADING AND UNLOADING

We are working in close cooperation. F. Elentavilg, V. Shcheglov. Rech. transp. 24 no. 8:18 '65.

OMSK—PETROLEUM REFINERIES—DESIGN AND CONSTRUCTION

Construction of a sulfuric-acid plant using graphic work schedules. G. L. Bravinskii. Prom. stroi. 43 no. 9:32-34 '65.

OMSK PROVINCE—EVAPORATION

Seasonal distribution of total evaporation on the territory of Omsk Province. I. V. Karantsevich, V. S. M. entsev, Izv. Omsk. otd. Geog. ob-va no. 6 17-25 '61

OMSK PROVINCE—RUNOFF

Determining norms for the annual runoff on the basis of its maximum rate, as exemplified by the southern part of Omsk Province. N. I. Nigmatichyev, Izv. Omsk. otd. Geog. ob-va no. 6 27-32 '61

OMSK PROVINCE—SKIN—CANCER

Skin cancer according to materials of the Omsk Province Oncological Dispensary for 5 years (1958 - 1962). N. V. Shilichin, Trudy OMI no. 51 165-170 '64

OMSK PROVINCE—THERMAL WATERS

Prospects for using thermal waters in Omsk Province, V. N. Chistiakov, Izv. Omsk. otd. Geog. ob-va no. 6 3-11 '61

ONCHOCERCIASIS

Phophylaxis of onchocerciasis in cattle. A. P. Mikhailov, Veterinarika 41 no. 12, 38-39 '64

ONCOLOGY—STUDY AND TEACHING

Teaching oncology in medical institutes. A. I. Pashus, Vop. onk. 11 no. 9 71-74 '65

ONEGA VALLEY—GEOLOGY

Basic characteristics of the geology and geomorphology of the upper Onega Basin, L. I. A. Chernikova, Uch. zap. Ped. inst. Gori, 267 75-107 '64

ONEGA VALLEY—GEOMORPHOLOGY

Basic characteristics of the geology and geomorphology of the upper Onega Basin, L. I. A. Chernikova, Uch. zap. Ped. inst. Gori, 267 75-107 '64

ONGE

The Onge of the Andaman Islands. B. I. A. Volchok, Sov. etn. no. 3 99-109 My-Je '65

ONION BREEDING see subdivision under Volga-Akhtuba Floodplain

ONIONS—STORAGE

Storage conditions of the onion set as a decisive factor in the production of large seed crops, V. Jurgun, Dobr. Akad. sel'khoz. nauk no. 5 22-24 My '65

ONTOGENY

Ontogenic changes in the musculature of the pelvic femoral joint of man in comparison with a quadrupedal mammal. V. Z. Urovskaia, Vop. antropol. no. 16 20-40 '64

OPEN-CUT MINING see Strip mining

OPEN-HEARTH FURNACES

Mastering the operations of 650- and 900-ton (Mega-ton) open-hearth furnaces at the Dnepropetrovsk metallurgical plant. V. O. Kulikov and others, Stal' 75 no. 9 895-897 S '65

OPEN-HEARTH FURNACES—DESIGN AND CONSTRUCTION

(see also subdivision under Zhdanov)

Effect of the degree of filling of the slag pocket on the aerodynamics of the air passage of an open-hearth furnace port, I. V. Belov, I. D. Pustikov, Izv. vyzn. ucheb. zav., Chern. met. 8 no. 10 110-115 '65

Stabilized dolomite brick in the checkerwork of an open-hearth furnace, G. I. Antonov and others, Ognepriy 30 no. 9 21-25 '65

OPEN-HEARTH FURNACES—EQUIPMENT AND SUPPLIES

Determining the probability of the coincidence of open-hearth furnace charging and the delays caused in this way, I. I. Kobyljakov, Izv. vyzn. ucheb. zav., Chern. met. 8 no. 9 50-56 '65

OPEN-HEARTH FURNACES—MAINTENANCE AND REPAIR

High-speed burning-in of the bottom of open-hearth furnaces, V. Uvarov, V. Skriabin, Metallurg 10 no. 9 23 S '65

Flaming and repair of the bottom of sectional open-hearth furnaces with fine-grained powder, Karel Rihm, Metallurg 10 no. 9 28-27 S '65

Repair of the open-hearth furnace brickwork by gunting, V. A. Lazavskii, N. D. Nikiforov, A. A. Zubolotnyi, Metallurg 10 no. 9 21-22 S '65

OPEN-HEARTH PROCESS

Intensifying the open-hearth scrap metal process by blowing the bath with compressed air, V. I. Sol'skii, N. I. Semberov, I. P. Gerasimov, Izv. vyzn. ucheb. zav., Chern. met. 8 no. 10 50-61 '65

Open-hearth furnace smelting with an intensive blowing of the bath by oxygen, L. M. Efimov, L. S. Beitol'man, P. A. Grekov, Izv. vyzn. ucheb. zav., Chern. met. 8 no. 9 45-49 '65

OPERA

(see also subdivision under Lithuania, Vienna, White Russia)

Satire in opera. I. U. Ob'edov, Sov. muz. 29 no. 8 90-93 Ag '65

OPERATIONAL CALCULUS see Calculus, Operational

OPERATIVE DENTISTRY see Dentistry, Operative

OPERATIVE SURGERY see Surgery, Operative

OPERATORS (MATHEMATICS)

Bezanskil, I. M. [Expansion of self-adjoint operators in eigenfunctions] Bar'ozhenie po sobstvennym funktsionam samosoprazhdennykh operatorov. Kiev, Naukova dumka, 1965 798 p.

Classes of saturation linear operators in an L_p (---oo, oo) space, R. G. Mamedov, Izv. AN SSSR Ser. mat. 29 no. 1 957-964 '65

Convergence of certain summator operators, S. I. Zalgaller, Uch. zap. Kaz. un. 121 no. 6 110-134 '61

Equivalence of certain linear operators in an analytic space, K. M. Fishman, Mat. shor. 68 no. 1 67-71 S '65

Estimated eigenvalues of certain operators with discrete spectra, D. F. Kharaev, Dif. uravn. 1 no. 8 1051-1069 Ag '65

Factorization of ordinary linear differential operators transferable into operators with constant coefficients, L. M. Berkovich, Izv. vyzn. ucheb. zav., mat. no. 1 8-16 '65

Functions of commutative operators in finite-dimensional space, R. A. Danilov, Uch. zap. Kaz. un. 124 no. 6 85-87 '64

Interpolation properties of the absolute continuity of a linear operator, P. P. Zubrilko, L. I. Pustikov, Uch. zap. Kaz. un. 124 no. 6 114-118 '61

Perfect continuity of U_0 bounded linear operators in Z^p spaces, P. P. Zubrilko, Uch. zap. Kaz. un. 124 no. 6 110-113 '61

Predicates and operator variants in the construction of theories of constructive mathematics, G. I. Mints, Trudy Mat. inst. 72:383-396 '64

A property of elliptic operators of the second order, V. N. Trofimov, Uch. zap. Kaz. un. 121 no. 6 318-320 '61

Remark on operators in a space of sequences, B. D. Kotlar, Uch. zap. Kaz. un. 124 no. 6 181-182 '61

Singular integral operators on a group, B. A. Plinnenovskii, Dokl. AN SSSR 164 no. 1 47-50 S '65

Some geometrical remarks related to the Chebyshev set center, P. K. Helohov, Uch. zap. Kaz. un. 121 no. 6 31-32 '61

Some heat conduction methods related to a Bessel type operator, S. Karimov, Vop. vych. mat. i tekhn. no. 3 17-29 '64

Spectrum of the energy operator for atoms with stationary nuclei on subspaces corresponding to irreducible representations of a group of permutations, G. M. Zhil'in, A. G. Sigalov, Izv. AN SSSR Ser. mat. 29 no. 4 835-880 '65

Stability of Ritz's method for problems in the spectral theory of operators, L. N. Dolyshev, Trudy Mat. inst. 84:78-92 '65

Statistical operator for nonstationary processes, D. N. Zubarev, Dokl. AN SSSR 164 no. 3 537-540 S '65

Theorem on integral inequalities for a discontinuous Uryson operator, A. B. Samatov, Uch. zap. Kaz. un. 124 no. 6 278-283 '61

Trace of a differential operator, R. F. Shevchenko, Dokl. AN SSSR 164 no. 1 62-65 S '65

OPERETTA see subdivision under Lithuania; Odessa

OPHTHALMOLOGY

(see also subdivision under Ossetia, North)

Use of the proteolytic pancreatic enzymes trypsin and alpha-chymotrypsin in ophthalmology, B. V. Protodopov, A. A. Muzlin, Shor. nauch. trud. SOGMI no. 14 98-99 '63

Use of ultrasound in ophthalmology, L. I. A. Shereshevskaya, Vop. kur., fizioter. i lech. fiz. kul't. 20 no. 4 342-345 Ji-Ag '64

OPOKA see subdivision under Kutaisi region

OPPOSITION, THEORY OF

Harmony as one form of the unity of opposites, I. S. Molkin, Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., Filos. no. 8 3-15 '65

OPTIC NERVE—INFLAMMATION

Role of the interstitial substance of the optic disk in the pathogenesis of papilledema in brain tumors, M. V. Petukhov, Shor. nauch. trud. SOGMI no. 14:205-208 '63

OPTIC THALAMUS

Effect of the disturbance of the integrity of the optic thalamus on the arterial collateral blood supply to the stomach, M. I. Zolova, Arkh. anat., gist. i embr. 40 no. 8 45-50 Ag '65

Heterochronic development of nuclear formations in the body and optic thalamus of the brain in the embryogenesis, M. V. Kovalenko, Arkh. anat., i embr. 39 no. 8 56-59 Ag '65

OPTICAL INSTRUMENTS

Methods for transforming infrared images to visible images, I. S. Chelintsev, Izv. ITI no. 5 115-116 '64

OPTICAL MEASUREMENTS

Goniophotometric recording unit for measuring the spectral coefficients of brightness, I. B. K. mol'kov, O. I. Krasikina, Trudy IGO no. 176 122-124 '64

Using the polarization-optical method in investigation of the three-dimensional stressed state, A. K. Pristav, Mashinovedenie no. 5 115-116 '65

OPTICS, GEOMETRICAL

Modified method of geometric optics for a wave passing through a caustic, I. U. A. Kravtsov, Izv. vyzn. uch. zap. Kaz. un. 124 no. 6 165-167 '65

OPTICS, PHYSICAL

L. I. Mandel'shtam's papers on the theory of optical images, and modern quasi-optics, V. I. Litmanov, Izv. nauk. 37 no. 1 23-28 S '65

OPTICS, PHYSIOLOGICAL

The attitude of lower monkeys toward transparent objects connected with the biological preconditions of ontogeny, K. I. Pabli, Vop. antropol. no. 16 118-120 '64

Nonparametric methods for evaluating the meaning of results obtained in a psychophysiological experiment, M. A. Faiermark, Svetotekhnika 11 no. 9 20-31 S '65

Relationship between the time of the detection of light and the effective flash, R. L. Fol'ch, I. A. Belkina, Svetotekhnika 11 no. 9 20-23 S '65

ORE CARRIERS

Shipping of finely ground bulk cargoes, G. Kostylev, Mor. flot. 24 no. 8 12 Ag '65

ORE DEPOSITS

(see also subdivision under Altai Mountains; Anga Valley; Aras Valley; Altai region, Kazakhstan; Bargusht Range; Caucasus; Caucasus, Northern; Far East; Gissar Range; Indigirka Valley; Kala Valley; Ossetia, North; Sadon Valley, Ossetia, North; Yakutia)

Adiabatic mobilization of ore-forming solutions, I. I. Dolgov, Geol. i geofiz. no. 6 3-10 '65

Determining the density of faulting rocks and ore, A. M. Blumentsev, Ra. vel. geofiz. no. 1 120-137

Dzotsenidze, G. S. [Influence of volcanism on sedimentation] Vkhode vulkanizma na obrazovanie osadkov, Moskva, Nedra, 1965, 152 p.

Evaluation of the role of enclosing rocks in an ore field. Absolute moisture capacity of rocks, A. N. Dolgov, Geol. i geofiz. no. 7 52-59 '65

Some methods for the determination of ore content in an ancient metal, L. N. Chernykh, Izv. AN Arm. S. Nauk i o zem. 18 no. 3 4211-126 '65

ORE DEPOSITS—ANALYSIS see subdivision under Krasnoyarsk Territory

ORE DEPOSITS—CLASSIFICATION

Using the theory of convex bodies and figures for the morphological classification of irregularly shaped bodies, S. V. Gol'din, Geol. i geofiz. no. 8 120-121 '65

ORE DRESSING

(see also subdivision under Bakal region, Uzbekistan; Krivoy Rog Basin)

Certain characteristics of the effect of a magnetic field on ore pulp, A. I. Rafenko, S. I. Pol'kin, Izv. vyzn. ucheb. zav., fiz. i tekhn. 8 no. 3 17-22 '65

Certain examples of making an efficient use of the regulation of crushed ore, N. N. Iatnenko, N. R. Romanov, Izv. vyzn. ucheb. zav., fiz. i tekhn. 8 no. 4 34-36 '65

Cherniak, A. S. [Chemical dressing of ores] Khim. i cheskie obogashchivatel'stva, Moskva, Nedra, 1965, 201 p.

Clarification of pulp waters in oil shale preparation plants, M. V. Mikhailenko, Khim. i tekhn. gor. i nef. 1 prod. i kh. porer. no. 13 74-79 '64

Effect of the composition of beneficiation products on results of an analysis for molybdenum by the K-spectroscopy, G. A. Khan, S. P. Abdullin, Izv. vyzn. ucheb. zav., fiz. i tekhn. 8 no. 4 39-44 '65

Estimate of simultaneous and separate methods in ore, A. L. Kabayev, Izv. vyzn. ucheb. zav., gor. i tekhn. 8 no. 22-25 '65

Experience in the building of underground units for rock crushing in waterlogged grounds, N. G. Trupnik, Gor. i tekhn. no. 0 21-21 S '65

Studying the concentrability of manganese carbonate ores from the "Obrochishche" deposit in the People's Republic of Bulgaria for the purpose of obtaining raw materials suitable for the making of ferroalloys, A. Georgiev, E. L. Gristan, I. A. Grishankova, Izv. vyzn. ucheb. zav., Chern. met. 8 no. 0 22-27 '65

ORGANOPHOSPHORUS COMPOUNDS—TOXICOLOGY (Continued)

Pharmacological and microbiological characteristics of three new groups of organophosphorus preparations, V. R. Matrosova, I. K. Naumova, I. V. Puzenkova, Nauch. trudy Kaz gos. med. inst. 14 229-230 '61.

Prophylaxis and diagnosis of the poisoning of bees due to chemicals. D. D. Poloz, V. A. Poletskii, V. P. Sokolov, Veterinarika 42 no. 7:70-71 J1 '65.

ORGANOSILICON COMPOUNDS

Changes in the viscosity of polyethylphenyl siloxane resins under the effect of alkali. A. F. Moiseev, Lako-Kras. mat. i khim. no. 1:29-33 '65.

Condensation of α,ω -dihydroxydimethylsiloxanes with tetraalkoxytitanium. K. A. Andrianov, N. A. Kurasheva, V. A. Avdeev, Izv. AN SSSR, Ser. khim. no. 9:1616-1619 '55.

Effect of certain complex compounds on the resistance of polydimethylsiloxanes to thermal oxidation. R. I. Kobzeva and others, Plast. massy no. 9:35-37 '65.

Free radicals in gamma-irradiated organic silica olefins. T. N. Burashkina, A. A. Chulko, Teoret. i eksper. khim. 1 no. 3:394-399 My-Je '65.

Organosilicon heat carriers. K. A. Andrianov, V. A. Oshchinnikov, L. M. Khananashvili, Khim. prom. 41 no. 8:570-572 Ag '65.

Polymerization of cyclic phenylsilasquioxanes. K. A. Andrianov and others, Vysokom. soed. 7 no. 1:477 Ag '65.

Polymerization of 1,1-substituted silacyclobutanes. N. S. Nemetkin, V. M. Vdovin, V. I. Zaytsev, Izv. AN SSSR, Ser. khim. no. 7:1448-1453 '65.

Polymerization of 1,1-substituted silacyclopentanes. N. S. Nemetkin and others, Izv. AN SSSR, Ser. khim. no. 8:1453-1458 '65.

Preparation of polymerizable organosilicon oligomers, diethoxymethacrylate polydimethylalkyl-siloxanes. E. G. Novitskii, N. D. Slugina, Plast. massy no. 9:21-22 '65.

Reaction of a free methyl radical with organosilicon compounds. S. I. Beilin, N. A. Pukatilo, B. A. Dolgoplosk, Vysokom. soed. 7 no. 6:1085-1091 Je '65.

Relation between the molecular weight and intrinsic viscosity of some organosilicon polymers. L. E. Guselnikov and others, Vysokom. soed. 7 no. 5:860-865 My '65.

Synthesis and reactions of trimethylsilylketene - trimethylsilyloxyacetylene. L. L. Shchukavskaya, R. I. Falchuk, A. N. Lazarev, Dokl. AN SSSR 164 no. 2:387-390 S '65.

Synthesis of β -silicon-containing vinyl sulfides. N. V. Komarov, N. N. Vlasova, Izv. AN SSSR, Ser. khim. no. 8:1687-1689 '65.

Synthesis of dialkyltriorganosilylmethoxymethyl phosphinates and their hydrolytic stability. N. F. Orlov, V. P. Mikhaylovich, Dokl. AN SSSR 164 no. 2:344-346 S '65.

Synthesis of ramified oligomers with the central silicon atom and hydroxyl groups at the ends of branching. I. U. K. Petrasheko, M. B. Fromberg, K. A. Andrianov, Izv. AN SSSR, Ser. khim. no. 9:1708-1711 '65.

ORGANOSILICON COMPOUNDS—SPECTRA

Infrared absorption spectra of 1,1-substituted silacyclobutanes, silacyclopentanes, and corresponding polymers. N. S. Nemetkin and others, Izv. AN SSSR, Ser. khim. no. 9:1517-1523 '65.

Using the infrared spectroscopy method for determining unsaturated groups in silicon organic compounds. A. P. Krasnikov, I. U. A. Mikhailenko, L. P. Senetskiy, Plast. massy no. 8:48-50 '65.

ORGANOSULFUR COMPOUNDS

Acidity of organic sulfides. A. I. Shatenshtein, I. A. Gvozdeva, Teoret. i eksper. khim. 1 no. 3:352-360 My-Je '65.

Catalytic method for the removal of sulfur organic compounds from oil shale gas. R. Juonas, Khim. i tekhn. gor. slan. i prod. kh. perer. no. 13:152-159 '64.

ORIBATIDAE

New species of oribatid mites (Acariformes, Oribatei) from the talga zone of the U. S. S. R. D. A. Kivolutskii, Ent. obozr. 41 no. 3:705-708 '65.

ORNAMENTAL PLANTS see Plants, Ornamental

OSK—COMMUNIST YOUTH LEAGUE

Urgent duty. V. Polianichko, Mol. komm. no. 8:1-11 '65.

ORTHODOX EASTERN CHURCH—PRAYER BOOKS AND DEVOTIONS

Orthodox Eastern Church, Liturgy and ritual, Euchologion, Ukrainian. [Funeral rites for priests] Chyn pokhoronu vyshchennykiv. New York, Yyd, Ukraina'kol Pravoslavno Tserkvy v ZDA, 1956. 71 p. (NSyU)

ORTHODOX EASTERN CHURCH, UKRAINIAN—HYMNS

Zavitnevych, Vasyi', comp. [Hymns in the Liturgy] Triodion. Spivny iz Postovo Triodi. New York, 1960. 111 p. (NSyU)

Zavitnevych, Vasyi', comp. [Hymns in the Liturgy] Spivny na Liturgi. New York, 1963. 399 p. (NSyU)

ORTHODOX EASTERN CHURCH, UKRAINIAN—SERMONS

Volodymyr, Abb. of Detroit. [Sermons] Zhirka propovidel. New York, Ukraina'ka Pravoslavna Tserkva v SShA, 1963. 206 p. (NSyU)

ORTHOGONAL FUNCTIONS see Functions, Orthogonal

ORTHOGONAL SERIES see Series, Orthogonal

ORTHOPEDIA

Electroencephalographic control of the depth of anesthesia in the orthopedic surgery of children. N. G. Dundua, K. V. Liubarskaya, Sob. AN Gruz. SSR 39 no. 2 493-497 Ag '65.

Modern achievements of chemistry in the practice of traumatology and orthopedics, results of the work of the Central Institute of Traumatology and Orthopedics. M. V. Volkov and others, Ortop., travm. i protez. 26 no. 9:13-10 Ag '65.

Surgical treatment of dyschondroplasia. A. A. Aronberg, Ortop., travm. i protez. 26 no. 8:69-72 Ag '65.

ORTHOPEDIA—STUDY AND TEACHING see subdivision under Dnepropetrovsk

ORTHOPEDIC APPARATUS

Modernized Dueroquet apparatus. Z. A. Liandres, Ortop., travm. i protez. 26 no. 8:78-79 Ag '65.

ORTHOPEDIC APPARATUS INDUSTRY see subdivision under Irkutsk

ORTHOPEDIC APPARATUS INDUSTRY—HYGIENIC ASPECTS

Let's improve production. E. Lyachenkov, Sots. obesp. 26 no. 6:45-47 Je '65.

ORTHOPEDIC SHOES

New instruction and new privileges. A. Demchenko, Sots. obesp. 26 no. 6:47-50 Je '65.

ORTHOPEDIC TRACTION

Device for spinal traction in radiculitis. E. A. Feldman, J. Osols, Zhur. nevro. i psikh. 65 no. 2:228-231 '65.

Spinal traction in the treatment of posterior protrusions of lumbar intervertebral disks. B. L. Dubnov, Zhur. nevro. i psikh. 65 no. 9:1286-1293 '65.

ORTHOPTERA see subdivision under Badkhyz region (Turkmenistan)

OSCILLATIONS

Dependence of oscillation power on the amount of losses in a gas laser. A. P. Volkovich, I. L. Katsen, Zhur. prikl. spekt. 3 no. 1:38-41 J1 '65.

Nonlinear wave processes. R. V. Khokhlov, Usp. fiz. nauk 87 no. 1:17-21 S '65.

Realizability of a prescribed limiting cycle in certain systems of the second order. M. Z. Litvin-Sedoi, Izv. vys. ucheb. zav., radiofiz. 8 no. 4:839-842 '65.

Some problems in the approximate computation of oscillations of linear systems of mass. B. I. Kriukov, V. N. Trudov. Izv. DGI 41 pt. 2:15-19 '62.

OSCILLATORS, CRYSTAL

Piezo state and prospects for the development of quartz stabilization systems. A. F. Pionakii, I. U. K. Filipskii, Elektrosviaz' 10 no. 9:1-9 S '65.

OSCILLATORS, ELECTRIC

Bernashchikov, G. A., and others. [Plasma and electron-microwave amplifiers and generators] Plazmennyye i elektronnyye usiliteli i generatory SVCh. Pod red. Z. S. Chernova. Moskva, Sovetskoe radio, 1965. 94 p.

OSCILLATORS, ELECTRON-TUBE

Conditions of the self-excitation of sinusoidal oscillations. A. A. Tanisura, Avtom., telemek. i svyaz' 9 no. 9:4-7 S '65.

Interaction between a molecular beam and the electromagnetic field of a resonator. Part 3: Stability of the oscillations of a molecular generator with an inhomogeneous field. V. B. Tsaregradskii, Izv. vys. ucheb. zav., radiofiz. 8 no. 4:688-696 '65.

Molecular generator with two series resonators on two opposing beams. A. F. Mukhamedgalieva, G. M. Strakhovskii, Izv. vys. ucheb. zav., radiofiz. 8 no. 4:824-826 '65.

Mutual synchronization of molecular generators. I. U. I. Marchenko, V. P. Rubantk, Izv. vys. ucheb. zav., radiofiz. 8 no. 4:678-687 '65.

Radiation from an oscillator in an inhomogeneous and nonstationary medium. K. A. Barsukov, B. M. Bolotovskii, Izv. vys. ucheb. zav., radiofiz. 8 no. 4:760-767 '65.

Special spectral features of stable generation of oscillations in generators with delayed feedback in a weak mode of operation. E. A. Kotyrev, L. E. Pissas, Radiotekhn. i elektron. 10 no. 9:1628-1634 S '65.

Two-stage RC-generator. A. V. Kalinkin, Avtom., telemek. i svyaz' 9 no. 9:8-10 S '65.

OSCILLATORS, TRANSISTOR

Analysis of transistorized sawtooth voltage generators with positive feedback. A. Z. Medel', G. N. Shishkov, Radiotekhnika 20 no. 9:16-17 S '65.

New method for shaping a stepping sawtooth voltage form. I. E. Kravtsov, Trudy MEI no. 52:156-161 '63.

Synchronization of multiphase transistor multivibrators. V. I. Belitskii, Elektrosviaz' 10 no. 9:24-26 S '65.

Variable frequency generator using transistors. A. A. Fioletov, G. B. Lazarev, Energ. i elektrotekh. prom. no. 3:16-18 J1-S '65.

OSCILLOGRAPH

Attachment to a loop oscillograph for measuring small shifts. V. M. Shostakov, V. A. Fateev, V. K. Sorokov, Zav. lab. 31 no. 9:1021-1022 '65.

Increasing the sensitivity of the start components of oscillographs. N. V. Nefedov, Elektr. inzh. 36 no. 8:81-82 S '65.

OSSETIA—MICROCLIMATOLOGY

Heat balance of an alluvial plain. P. I. Peskov, Trudy GGO no. 180:47-57 '65.

OSSETIA—HISTORY

Ossetia in the first third of the 19th century. Ossetia v pervoi treti XIX veka. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1964. 171 p.

OSSETIA, NORTH—BATHS, MEDICATED

Treatment of rheumatoid arthritis at balneological health resorts in North Ossetia. A. Kh. Adyrkhayev, Sov. med. 28 no. 8:85-91 Ag '65.

OSSETIA, NORTH—CATTLE—DISEASES AND PESTS

Problems in local epizootology and control of leptospirosis. M. P. Kollev, M. E. Fedushkin, T. T. Fedushkina, Veterinarika 42 no. 7:28-29 J1 '65.

OSSETIA, NORTH—DISABILITY EVALUATION

Experience in the work of the Specialized Ophthalmological Medical Expert Commission on Work Ability in North Ossetia. Ch. K. Datleva, O. D. Gabisov, Sbor. nauch. trud. SOGMI no. 14:214-218 '63.

OSSETIA, NORTH—GEOLOGY, STRATIGRAPHIC

Middle Paleozoic formations of North Ossetia. I. U. G. Morgunov, Vest. Mosk. un. Ser. 4 Geol. 29 no. 4, 55-62 J1-Ag '65.

OSSETIA, NORTH—GLAUCOMA

Dispensary service for glaucoma patients in North Ossetia. Z. V. Besolova, Z. P. Berozova, Sbor. nauch. trud. SOGMI no. 14:56-58 '63.

OSSETIA, NORTH—HOSPITALS—OUTPATIENT SERVICES

Dispensary service for glaucoma patients in North Ossetia. Z. V. Besolova, Z. P. Berozova, Sbor. nauch. trud. SOGMI no. 14:56-58 '63.

OSSETIA, NORTH—OPHTHALMOLOGY

Experience in the work of the Specialized Ophthalmological Medical Expert Commission on Work Ability in North Ossetia. Ch. K. Datleva, O. D. Gabisov, Sbor. nauch. trud. SOGMI no. 14:214-218 '63.

OSSETIA, NORTH—ORE DEPOSITS

Some structural features of the "Fasmolskii" ore deposit. V. V. Grigorovich, Izv. vys. ucheb. zav., telet. mat. 8 no. 3:3-7 '65.

OSTEOCHONDROSIS

Changes in the liability of the neuromuscular apparatus of the brachial zone in patients with cholecystitis and cervical osteochondrosis. B. G. Petrov, Zhur. nevro. i psikh. 65 no. 9:1312-1313 '65.

Classification of cervical osteochondrosis syndromes. I. U. A. Popelianskii, Zhur. nevro. i psikh. 65 no. 2:109-203 '65.

Rheo-encephalographic electroencephalographic and clinical study on patients with cervical osteochondrosis with disorders of higher visual functions. I. M. Danayeva, T. A. Slivkha, Zhur. nevro. i psikh. 65 no. 9:1281-1285 '65.

Spinal nerve syndrome in cervical osteochondrosis; clinical aspects and experience on work capacity. M. A. Krymon, G. I. A. Lukacher, Zhur. nevro. i psikh. 65 no. 2:210-215 '65.

OSTEOMYELITIS

Fluctuation of the level of static acid in patients with acute osteomyelitis of the jaws in relation to the methods of treatment. I. A. Z. Epstein, Nauch. trudy Kaz. gos. med. inst. 14:501-502 '61.

OSTRACODA, FOSSIL

(see also subdivision under Abkhazian; Siberia, Eastern) Orientation of the shells in Paleozooids. V. A. Chizhova, Paleont. zhur. no. 3:73-83 '65.

3698

OXYGEN—PHYSIOLOGICAL EFFECT

Active selection of gas media with varying oxygen content by animals under normal conditions and following the effect of hyperbaric atmosphere I. S. Breslav, *Probl. kosm. biol.* 4:181-191 '65

Effect of increased partial oxygen pressure on the morphological composition of the peripheral blood in animals I. S. Breslav, A. M. Shmeleva *Probl. kosm. biol.* 1:492-501 '65

Effect of prolonged sojourn of animals in oxygen-enriched air on some physiological functions. A. G. Zhuravkin and others *Probl. kosm. biol.* 1:518-530 '65

Effect of the addition of catalase to the diluent and short-duration oxygenation on the survival of semen, fertilization, and viability of offspring *Joyant Homode Dokl. Vses. khim. nauk* no. 7:26-29 *Jl* '65

Oxygen tension in the myocardium during respiration under excessive pressure. V. G. Voloshin. *Dokl. Akad. nauk SSSR* no. 3:8-11 *My-Je* '65

OXYGEN—SPECTRA

Microwave absorption spectrum of molecular oxygen. A. P. Naumov. *Izv. vuzov. radiofiz.* 8 no. 4:658-678 '65

OXYGEN COMPOUNDS

Effect on paramagnetic resonance spectra of free radicals in the products of degradation of solid oxygen-containing polymers V. A. Radtsig, P. I. Butagin *Vysokom. sred.* 7 no. 5:922-927 *My* '65

OXYGEN IN THE BODY

Effect of adrenaline, noradrenaline and acetylcholine on the oxygen balance of the heart following a ligation of the coronary artery M. L. Rukhsina, Z. F. Samoilova, M. I. Khodas *Dokl. Akad. nauk SSSR* no. 3:16-20 *My-Je* '65

Effect of N-acetyl-L-aspartic acid on the absorption of oxygen and utilization of ammonia and formation of amide groups of proteins by white rat brain sections G. Kh. Burdakov, G. V. Apichan, Zh. A. Poronlan, Vop. biokhim. mol. 1:109-111 '64

Effect of noradrenaline on the blood flow in the liver and its oxygen regime in traumatic shock. S. A. Silchenov *Dokl. Akad. nauk SSSR* no. 3:20-24 *My-Je* '65

OXYGEN ISOTOPES

Isotope oxygen exchange on silver films. G. K. Kereskov, A. V. Khasin, T. S. Skarostina. *Dokl. AN SSSR* 164 no. 3:666-669 *S* '65

OXYGEN WELDING AND CUTTING

see Gas welding and cutting

OXYTETRACYCLINE

Semicontinuous biosynthesis of streptomycin and oxytetracycline. Bohumil Sikyta. *Antibiotiki* 10 no. 8:675-678 *Ag* '65

OXYTETRACYCLINE—PHYSIOLOGICAL EFFECT

Effect of feed oxytetracycline on egg production and the biological properties of duck eggs M. I. Lotnikov, I. I. Podluzhina *Khim. v sel'khoz.* 3 no. 8:61-64 *Ag* '65

Effect of oxytetracycline on the absorption function of the reticuloendothelial system. O. O. Chirkova. *Antibiotiki* 10 no. 8:730-733 *Ag* '65

Effect of tetracycline and oxytetracycline on the function of adrenal glands. A. M. Dumova. *Antibiotiki* 10 no. 7:647-650 *Jl* '65

OXYTOCINS

Action of internal and external factors on the oxytocin reflex in cows I. N. Gorokhov, I. N. Trofimov *Dokl. Akad. nauk SSSR* no. 7:21-26 *Jl* '65

CZEK-SUAT OIL FIELD—PARAFFINS

Solubility of paraffin products from the Czek-Suat oil in selective solvents. A. P. Ghalin, M. Kh. Azizova *Khim. i tekhn. topl. i masel* 10 no. 8:12-15 *Ag* '65

OZINKI DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

Details in the drafting of documents. S. Kruzhlina. *Part. zhizn'* no. 10:50 *O* '65

OZONE

Anodic process in the electrochemical formation of ozone and oxygen on platinum. M. M. Finkh, L. M. Surova. *Elektrokhirmita* 1 no. 8:1005-1008 *Ag* '65

Spectral distribution of radiation reflected from the earth in the ozone absorption band of 0.20-0.34 μ . T. A. Gerasimova, M. S. Alkovich. *Izv. AN SSSR. Fiz. atm. i okeana* 1 no. 9:911-951 *S* '65

Theory of atmospheric ozone transfer in the presence of long waves. V. I. Bekorlukov. *Izv. AN SSSR. Fiz. atm. i okeana* 1 no. 9:897-905 *S* '65

Use of ozone for the purification of waste waters. V. A. Aleksova. *Khim. i tekhn. topl. i masel* 10 no. 8:27-29 *Ag* '65

Vertical distribution of ozone in the earth's atmosphere. R. D. Bozhkov. *Meteor. i gidrol.* no. 10:3-11 *O* '65

OZONE—CONGRESSES

Mezhdunarodnaya konferentsiya po atmosf. ozonu 3d. Leningrad, 1965. [Atmospheric ozone, materials] Atmosfernyi ozon, materialy Podred G. P. Gushchina Leningrad, Gidrometizdat, 1965 149 p.

PACIFIC AREA—GEOLOGY, STRATIGRAPHIC

Pergament, M. A. [Inoceramus and Cretaceous stratigraphy of the Pacific area] *Inoceramy i stratigrafiya mela Tikhookeanskoi oblasti*. Moskva, Nauka, 1965. 101 p. (Akademiya nauk SSSR. Geologicheskii institut. Trudy, no. 118)

PACIFIC AREA—GEOLOGY, STRUCTURAL

Outline of the tectonics of the New Guinea-New Zealand sector of the Pacific Cenozoic tectonic belt. I. U. M. Pushcharovskii, R. A. Anemova. *Trudy GIN* no. 139:85-127 '65

Some characteristics of the development of volcanic island arcs. V. I. Tikhonov. *Trudy GIN* no. 139:78-84 '65

Ways of tectonic regionalization of the belt of Cenozoic structures framing the Pacific Ocean. I. U. M. Pushcharovskii. *Trudy GIN* no. 133:161-166 '65

PACIFIC AREA—INOCERAMUS

Pergament, M. A. [Inoceramus and Cretaceous stratigraphy of the Pacific area] *Inoceramy i stratigrafiya mela Tikhookeanskoi oblasti*. Moskva, Nauka, 1965. 101 p. (Akademiya nauk SSSR. Geologicheskii institut. Trudy, no. 118)

PACIFIC AREA—PROSPECTING—GEOPHYSICAL METHODS

Complex interpretation of the materials on geophysical observations in the Sea of Okhotsk and Kurilo-Kamchatka zone of the Pacific Ocean. A. G. Galanov and others. *Seism. izl.* no. 6:60-65 '65

PACIFIC OCEAN—MARINE SEDIMENTS—ANALYSIS

Characteristics of the formation of the mineral composition of sandy-silt fractions in the bottom sediments of the Pacific Ocean. V. P. Petelin, Lit. i pol. tsiklop. no. 4:50-71 *Jl-Ag* '65

PACIFIC OCEAN—MINERALS

Characteristics of the formation of the mineral composition of sandy-silt fractions in the bottom sediments of the Pacific Ocean. V. P. Petelin, Lit. i pol. tsiklop. no. 4:50-71 *Jl-Ag* '65

PACINIAN BODIES

Effect of temperature on the bioelectric activity of Pacinian bodies. O. B. Il'inskiy, V. P. Fiks, S. I. Khrapkova. *Dokl. AN SSSR* 164 no. 1:227-228 *S* '65

PACKAGING

This is important. V. Strupinina. *Sov. torg.* 38 no. 9:38-37 *S* '65

PACKAGING MACHINERY

At the Leipzig Fair. K. Sinogin, A. Pleshev, I. Rumintsev. *Sov. torg.* 38 no. 6:15-51 *Je* '65

PACKED TOWERS

Effect of pressure on the mass transfer in tubular film rectification columns. L. A. Zhmal, V. M. Olevskii. *Khim. mashinost.* no. 1:30-14 '65

Studying the effect of the initial distribution of the reflux liquid and height of the packed layer on the efficiency of the absorption in columns with ring packings of various dimensions. I. A. Gidlenblat, N. M. Gurova, V. M. Ramm. *Trudy MKHTI* no. 47:11-20 '64

PACKING (MECHANICAL ENGINEERING)

Round cross-section ring packings. D. B. Dobrushkin. *Kauch. i rez.* 24 no. 5:28-30 *My* '65

Selecting the optimum hydrodynamic parameters of the work of contact packings. L. I. Mamon, G. I. Shkurupil, M. A. Lokshin. *Khim. mashinost.* no. 1:30-35 '65

PACKING FOR SHIPMENT

Supplemental provisions to the Special terms for the delivery of lumber products and prefabricated houses. *Sov. gos. i pravo* 38 no. 9:142 *S* '65

PADDLE WHEELS

Capron in the parts of paddle wheels subjected to friction. I. U. Iashkov. *Rech. i transp.* 24 no. 5:33 '65

PAIN

Algorithm of the analysis of the impulse activity of central neurons by means of electronic computers. M. V. Iarovytskyi. *Fiziol. zhur.* [Ukr.] 10 no. 3:308-313 *My-Je* '64

Electrophysiological characteristics of reactions of the limbic system to afferent stimuli. L. M. Dykman. *Fiziol. zhur.* 50 no. 12:1415-1423 *D* '64

Viprazinum. *Nov. lek. sred.* no. 7:13-24 '65

PAINT MACHINERY

Foreign paint grinders. V. A. Volkov. *Stroitel. mash.* 10 no. 8:23-24 *Ag* '65

PAINT MATERIALS

Production of high dispersion polyvinyl acetate powders. A. V. Iamshchikov, A. S. Teshanov, R. M. Molotovskaja. *Plast. massy* no. 8:31-33 '65

PAINT MATERIALS—ELECTRIC PROPERTIES

Electric properties of paint materials and optimum conditions of their spraying in the electric field. I. N. Vlaschukina and others. *Lakokr. mat. i tekhn. prikl.* no. 1:18-20 '65

PAINT MATERIALS—STANDARDS

Characteristics of the new standards for the paint industry. M. L. Lashits. *Lakokr. mat. i tekhn. prikl.* no. 1:77-81 '65

PAINT SHOPS—FIRMS AND FIRE PREVENTION

Fire hazards in the application of paint coatings in a high-voltage electric field. A. G. Anukhin, M. P. Tontsev. *Lakokr. mat. i tekhn. prikl.* no. 1:16-19 '65

PAINTING

Grabar', I. P. [Art in captivity] *Izvestiya v plem.* Leningrad, Khudozhnik RSFSR, 1964. 141 p. illus

PAINTING, INDUSTRIAL

Application of high-frequency vibrations for the stabilization of ESKh-24 enamel paints. A. P. Gladis. *Lakokr. mat. i tekhn. prikl.* no. 1:71 '65

Cleaning and painting vertical steel tanks. A. G. Gubanov, I. U. Kaidovskii. *Prom. stroit. i mash. stroit.* 7 no. 4:16-19 *Jl-Ag* '65

PAINTINGS

Leningrad, Ermitazh. [Painting] *Zhivopis'* [Izd. 4. Moskva, Sovetskii khudozhnik, 1964. 10] p. 50 plates. [In Russian, English, French, and German] (NcD)

[Russian paintings in museums of the U. S. S. R.] *Russkaya zhivopis' v muzeikh RSFSR*. Moskva, Sovetskii khudozhnik.

No. 14. [1965. 10] p. 58 plates [Khudozhestvennoye sokrovishche SSSR]

PAIR PRODUCTION

Two-photon emission in electron collisions. V. N. Balei, V. M. Galitskii. *Zhur. eksp. i teor. fiz.* 49 no. 2:601-671 *Ag* '65

PAK, VITOLD STEPANOVICH

Vitold Stepanovich Pak, an obituary. *Gor. zhur.* no. 8:77 *S* '65

PAKISTAN—FOREIGN RELATIONS—INDIA

From the early history of the India-Pakistan conflict. I. Ardanov. *Nov. vrem.* 23 no. 4:16-18 *O* '65

PAKISTAN—ISLAM

"National unity" in Pakistan. M. Tigranova. *Az. i Afr. seg.* 9 no. 6:30-31 *Ag* '65

PAKISTAN—NATIONALITY

"National unity" in Pakistan. M. Tigranova. *Az. i Afr. seg.* 9 no. 6:30-31 *Ag* '65

PAKISTAN—PHILOSOPHY—CONGRESSES

12th session of the Pakistan philosophical congress. M. T. Stepanova. *Vop. filos.* 19 no. 0:158-160 '65

PALATE—INNERVATION

Morphology of the pterygopalatine ganglion. N. A. Pente-shina. *Zhur. nevro. i psikh.* 65 no. 9:1325-1330 '65

PALEOBOTANY, STRATIGRAPHIC

see subdivision under Amur Valley; Cuba, Norik region (Krasnoyarsk Territory); Transcaucasia

PALEOGEOGRAPHY

(see also subdivision under Azov, Sea of; Moldavia; Ural Mountains; Volgograd Province)

Geographic poles and petrified trees. G. V. Golubkov. *Priroda* 54 no. 9:122-123 *S* '65

PALEONTOLOGICAL RESEARCH

Significance of comprehensive paleontological studies for stratigraphy and paleogeography. V. P. Mekridin, I. I. Kato. *Paleont. zhur.* no. 3-3-15 '65

PALEONTOLOGICAL SOCIETIES

Resolutions of the 7th session of the Paleontological Society of the U. S. S. R., January 26-30, 1965. *Paleont. zhur.* no. 3:119-140 '65

PALEONTOLOGY

Method for the chemical preparation of fauna using acetic acid. S. N. Vladimirova. *Izv. AN SSSR. Ser. geol.* 30 no. 8:116-118 *Ag* '65

- PALFOUNTOLOGY** (Continued)
Isolation of the active acid for the extraction of
fossils from carbonate rocks. S. N. Vladimirova, V. V.
"Izvestiya Akad. Nauk SSSR Ser. geol." 30 no. 9
120-128 S '65.
- PALEONTOLOGY—DICTIONARIES**
Akademiya nauk SSSR. Paleontologicheskii institut.
[Paleontological dictionary] Paleontologicheskii slovar'
Pod red. G. A. Beznosovoi i F. A. Zhuravlevoi. Mos-
kva, Nauka, 1965 610 p.
- PALEONTOLOGY, STRATIGRAPHIC**
(see also subdivision under Abkhazla, Kama-Kinel'
Depression, Transcaucasia, Yakutia)
Akademiya nauk SSSR. Geologicheskii institut. [Strati-
graphic importance of the Quaternary fauna of small
mammals] Stratigraficheskoe znachenie antropogeno-
voi fauny melkikh mlkoptitayushchikh. Moskva, Nauka,
1965 170 p. (X VII kongressu INQUA v SShA v
1965 godu)
Scientific a new group of organisms. E. I. Mlagkova
Paleont. zhur. no. 3 16-22 '65
- PALLADIUM—ANALYSES**
β-Mercaptohydrocinnamic acid and its esters as re-
agents for the extraction-photometric determination
of palladium. A. I. Busev, D. Kh. Vin', Zhur. anal.
khim. 20 no. 9 976-982 '65.
- PALLADIUM COMPOUNDS**
Palladium (O) complexes in butylene isomerization. I. I.
Moiseev, S. V. Pestrikov, Izv. AN SSSR Ser. khim.
no. 6 1717 '65.
- PALLADIUM PLATING**
Investigating cathodic processes in an alkali palladium
plating electrolyte. I. A. L. Morgenshtern, R. M.
Vishomirskis. Zashch. met. 1 no. 5 505-510 S-O
'65.
- PAL'MOV, EVGENII VASIL'EVICH, 1894-1965**
Evgenii Vasil'evich Pal'mov, an obituary, Izv. vys.
ucheb. zav., Chern. met. 8 no. 10 187-188 '65.
- PALYNOLOGY**
(see also subdivision under Kyzyl Kum)
On one method for separation spores and pollen from
rocks. O. V. Shugaevskaya, A. S. Khomulko. Paleont.
zhur. no. 3 133-137 '65.
- PALYNOLOGY—ATLASES**
Leningrad. Vsesoiuznyi geologicheskii institut. [Atlas
of lower Cretaceous spores and pollen complexes of some
regions of the U.S.S.R.] Atlas nizhnemelovyykh sporovo-
pyl'itsykh kompleksov nekotorykh raionov SSSR. Mosk-
va, Nedra, 1964. 551 p. (Ira Trudy, vol. 124)
- PAMIRS—AMMONOIDEA**
New complex of Permian Ammonoidea in the Pamirs.
A. M. Pavlov. Dokl. AN SSSR 164 no. 1 168-170 S '65.
Straight Triassic Ammonoidea from the Pamirs. B. K.
Kushlin. Paleont. zhur. no. 3 139-141 '65.
- PAMIRS—BRACHIOPODA, FOSSIL**
Find of the Upper Carboniferous genus Septosia ingothyrus
in the Eastern Pamirs. V. I. Volgin. Paleont. zhur.
no. 3 145-147 '65.
- PAMIRS—DIKES (GEOLOGY)**
Pseudoleucite porphyries of the western Pamirs.
E. A. Dmitriev. Zap. Tadz. otd. Vses. min. ob-va
no. 2 68-74 '64.
- PAMIRS—GEOLOGY, STRATIGRAPHIC**
Middle Paleozoic stratigraphy of the central Pamirs.
S. S. Karapetov. Zap. Tadz. otd. Vses. min. ob-va
no. 2 75-88 '64.
- PAMIRS—PORPHYRY**
Pseudoleucite porphyries of the western Pamirs.
E. A. Dmitriev. Zap. Tadz. otd. Vses. min. ob-va
no. 2 68-74 '64.
- PAMIRS—QUARTZ**
Some characteristics of the distribution of quartz
veins as revealed by a study of one section in the
Vanch-Yazgulom crystal-bearing zone (western
Pamirs). S. A. Morozov. Zap. Tadz. otd. Vses. min.
ob-va no. 2 15-26 '64.
- PAMIRS—RAPAKIVI**
Origin of the rapakivi of the Dzhamaksky intrusive
(western Pamirs). V. I. Budanov. Zap. Tadz. otd.
Vses. min. ob-va no. 2 40-56 '64.
- PAMIRS—ROCKS, CRYSTALLINE AND METAMORPHIC**
Formation and activation of metamorphic series in the
southwestern part of the Pamirs according to geological,
petrological, and radiological data. G. A. Murina, B. I. A.
Khoreva, N. D. Shchegolev. Izv. AN SSSR, Ser. geol. 30
no. 8 9-17 Ag '65.
- PAMIRS—ROCKS, IGNEOUS**
Volcanic formations of the Vanch-Darvaz tectonic
subzone of the central Pamirs. S. P. Khilov. Zap.
Tadz. otd. Vses. min. ob-va no. 2 27-30 '61.
- PANAMA—FOREIGN RELATIONS—UNITED STATES**
Panama demands justice. S. A. Gonionskii. Nov. vsem.
23 no. 11 22-23 O '65.
- PANAMA—TRADE UNIONS**
Respect the rights of the workers. Jose Del Carmen
Tunon. Vsem. prof. dvizh. no. 5 14 S '65.
- PANAMA CANAL**
Panama demands justice. S. A. Gonionskii. Nov. vsem.
23 no. 11 22-23 O '65.
- PANCREAS**
Antithrombin activity of the blood plasma under the in-
fluences of various factors on the function of the
pancreas in dogs. I. F. Spitsyn. Pat. fiziol. i eksp.
terapi. 9 no. 4 51-54. JI-Ag '65.
- PANCREAS—CANCER**
Causes of lethality and infrequent complications follow-
ing radical surgery on pancreaticoduodenal cancer.
I. S. Makokha. Trudy ONI no. 54 117-120 '61.
Islet cell cancer of the pancreas. V. I. A. Mikhailov
Trudy ONI no. 54 151-158 '64.
Pathomorphology of cancer of the body and tail of the
pancreas. V. I. A. Mikhailov. Trudy ONI no. 54 131-
149 '64.
- PANCREAS—SECRETIONS**
Exocrine function of the pancreas in diseases of the
biliary tract and secretory insufficiency of the stomach.
V. K. Anufrieva. Nauch. trudy Kaz. gos. med. inst. 14
345-346 '64.
- PANCREAS—SURGERY**
Biosynthesis of acetylcholine in the tissues of depancrea-
tized animals. Kh. S. Khamitov. Nauch. trudy Kaz. gos.
med. inst. 14 319-320 '64.
Effect of experimental hypercholesterolemia and a partial
pancreatectomy in dogs on the phenomenon of Seche-
nov's inhibition. D. I. Malkina, N. K. Rakhmova. Nauch.
trudy Kaz. gos. med. inst. 14 221-222 '64.
- PANELS (BUILDING)**
Experimental investigations of the panels for the roofing
of industrial buildings. A. Liberman and others.
Prom. stroit. i inzh. stroit. 4 no. 6 5-10 N-D '62.
A new series of unified elements of panel walls. N. S.
Dobromyslov, I. U. M. Solus, A. S. Barko. Prom. stroit.
42 no. 8 15-16 '65.
Preparation of reinforcing frames for exterior wall
panels. V. P. Usoltsev. Mekh. stroit. 22 no. 7 16-17
JI '65.
Thermal conditions of air permeable joints of exterior
wall panels. A. A. Sander. Izv. vys. ucheb. zav., stroit.
1 arkhit. 8 no. 9 83-88 '65.
- PANFEROV, FEDOR IVANOVICH, 1896-1960**
Second life. A. Panferov. Oktobr' 42 no. 9 103-104
S '65.
- PAPAVERINE—PHYSIOLOGICAL EFFECT**
Effect of papaverine and some inhibitors on the creatine
kinase in the skeletal muscles. E. P. Chetverikova.
Dokl. AN SSSR 164 no. 3 696-698 S '65.
- PAPER—TRANSPORTATION**
Performance of ships chartered by a Swedish firm.
N. Afurin. Mor. flot. 24 no. 8 45 Ag '64.
- PAPER CHROMATOGRAPHY**
Chromatography of pyrazoles on acetylated paper.
S. Tabak, I. I. Grandberg, A. N. Kost. Zhur. anal.
khim. 20 no. 7 869-874 '65.
Determining the amino acid composition of feeds by paper
chromatography. N. G. Shanygina. Trudy VIZH 27:
267-273 '65.
Paper chromatography. M. V. Fateeva. Usp. mikrobiol.
1:148-166 '64.
- PAPER CHROMATOGRAPHY—EQUIPMENT AND SUPPLIES**
Simple cuvette for descending chromatography. B. A.
Rogozhin. Lab. delo no. 9 572-573 '65.
Simple device for unidimensional paper chromatography.
S. I. Krainev. Lab. delo no. 9 571-572 '65.
- PAPER ELECTROPHORESIS**
Automatic recording of acid erythrograms on the EFA-1
densitometer. G. P. Gligor'ev, V. M. Degtiarev. Lab.
delo no. 9 530-533 '65.
Combination of electrophoresis and chromatography for
the study of amino acids in hydrolyzates. V. K. Golshmid.
Lab. delo no. 8 461-464 '65.
Electrophoretic study of the blood serum in normal
pregnancy and late toxemia. Kh. Kh. Meshcherov, L. G.
Sotnikova. Nauch. trudy Kaz. gos. med. inst. 14 486-
488 '64.
- Fractional composition of water-soluble neuraminidase pro-
teins. A. V. Samukhovich and others. Ufa. biokhim.
zhur. 17 no. 1 510-521 '65.**
- Simplified method for electrophoresis of the gastric
juice. M. F. Lendel. Lab. delo no. 9 536-539 '65.**
- PAPER HANGING**
Surzhanenko, A. E. [House painting, paper hanging and
glass work] Mal'niye, oboi i stekol'nyye raboty.
Izd. 2, 1961. 1 dop. (stereotipirov.). Moskva, Vy-
sshaya shkola, 1965. 366 p.
- PAPER INDUSTRY—EQUIPMENT AND SUPPLIES**
Iushkov, N. I., V. G. Naumov, and A. K. Fedichan. [In-
troduction of the technological equipment of woodpulp and
paper enterprises] Remont tekhnologicheskogo oborudo-
vaniya tsellulozno-bumazhnykh predpriyatiy. Moskva,
Lesnaya promyshlennost', 1965 120 p.
New design of the fork for the charging of the "4001"
battery operated loader. V. I. Tsvetichykh. Nauch. trudy,
prom. no. 3 44-45. JI-S '65.
- PAPERBOARD**
Losev, P. P. [Effectiveness of the modernization of
papermaking and cardboard making machines] Effektiv-
nost' modernizatsii bumagodelatel'nykh i karton-
delatel'nykh mashin. Moskva, Tsentr. nauchno-issled.
i inzh. informatsii i tekhniko-ekon. issledovaniy po lesemu,
tsellulozno-bumazhnoi, derevoobrabatывayushchey
promyshl. i lesnomu khoz., 1964 28 p. (Bumaga i
tselluloz) [MICROFILM]
- PAPERMAKING MACHINERY**
Automatic device for measuring and regulating the yield
of water from fibrous suspension. B. A. Gerasimov,
Bum. i der. prom. no. 3 14-17 JI-S '65.
Device for the automatic connection of the transmission
for roll release on polyethylene coating machines.
A. V. Vasil'ev. Bum. i der. prom. no. 3 15 JI-S '65.
- Losev, P. P. [Effectiveness of the modernization of
papermaking and cardboard making machines] Effektiv-
nost' modernizatsii bumagodelatel'nykh i karton-
delatel'nykh mashin. Moskva, Tsentr. nauchno-issled.
i inzh. informatsii i tekhniko-ekon. issledovaniy po lesemu,
tsellulozno-bumazhnoi, derevoobrabatывayushchey
promyshl. i lesnomu khoz., 1964. 28 p. (Bumaga i
tselluloz) [MICROFILM]**
- Moscow. Tsentr. nauchno-issled. i inzh. informatsii i tekhniko-ekon. issledovaniy po lesemu, tsellulozno-bumazhnoi, derevoobrabatывayushchey promyshl. i lesnomu khoz., 1964. 43 p. (Bumaga i tselluloz) [MICROFILM]**
- Paraffining-and-painting machine for the manufacture
of paper for milk packaging on automatic machines.
S. M. Zadravskii. Bum. i der. prom. no. 1 16 JI-S '65.**
- Selection of amplifier gain factor and coupling parame-
ters in an automatic control system of the speed
control of a section of a papermaking machine. G. G.
Sokolovskii. Izv. VETI no. 62 41-50 '61.**
- PAPERMAKING MACHINERY—ELECTRIC DRIVING**
Vilukov, I. E. [Automatic control systems of the elec-
tric drives of papermaking machines] Sistemy avtomaticheskogo regulirovaniya elektropriivodov bumagodelatel'nykh mashin. Moskva, Lesnaya promyshlennost', 1965. 214 p.
- PARAFFIN WAX**
Crystallization of paraffins from formation petroleum.
I. V. Knyurin, G. P. Trebin. Nauch.-tekhn. sbornik po
dob. nefli no. 27 79-83 '65.
- PARAFFIN WAX—MEASUREMENT**
PGS-2 self-recording paraffin meter. G. I. Ivanov.
Nefteprom. delo no. 8 29-31 '65.
- PARAFFINS**
(see also subdivision under Ozek-Sunt Oil Field)
Analyzing the work of industrial units with continuous
action for the oxidation of paraffin in a foaming state.
O. V. Maminov, N. M. Lebedeva. Khim. i tekhn. topl. i
masel 10 no. 9 20-31 S '65.
Composition of impurities in straight-chain paraffinic
hydrocarbons having analytical application. V. I.
Fedonin and others. Zhur. anal. khim. 20 no. 9 1022-
1024 '65.
Control of oxygen-containing products in the process of
paraffin oxidation. F. D. Roganin, R. M. Bontskii, I. V.
Garin. Khim. i tekhn. topl. i masel 10 no. 7 35-39 JI
'65.
Decarboxylation and decarbonylation in the autooxidation
of liquid paraffin hydrocarbons in the presence of
various initiating additives. M. M. Konoplyanskii, N. I.
Mitskevich. Khim. i tekhn. topl. i masel 10 no. 9 24-27
S '65.
Diffusion of paraffin in saturated carbochain polymers.
V. K. Gromov and others. Vysokom. speed. 7 no. 5 802-
807 My '65.

PARAFFINS (Continued)

- Effect of oxidation products of n-decane on the activity of radicals in chain propagation reactions. L. G. Privalova, Z. K. Murat, E. T. Dumasov. *Zhurnal fiz. khim.* 39 no. 5 1965-1969 Ag '65.
- Experimental industrial testing of the continuous method of paraffin oxidation. N. M. Lebedev, V. V. Nesmetov, R. Sh. Latypov, *Khim. i tekhn. topl. i masel* 10 no. 7 32-35 Ji '65.
- Hydrocarbon composition of dearomatized liquid paraffins. I. A. Mikhailov and others. *Khim. i tekhn. topl. i masel* 10 no. 8-12 Ag '65.
- Kinetics of paraffin oxidation under the conditions of a continuous method. N. K. D'fakova and others, *Masloshch. prom.* 31 no. 9-13-17 S '65.
- Processing of oxides in the production of synthetic fatty acids without the use of alkalies and sulfuric acid. P. A. Moshkin, I. B. Rapoport, M. A. Soskin, *Khim. i tekhn. topl. i masel* 10 no. 7 27-32 Ji '65.
- Properties and structure of large molecules. Part 3. I. U. G. Papulov. *Zhurnal fiz. khim.* 39 no. 8-10-12-15 S Ag '65.

PARACANGLIA see Chromaffin system

PARAGENESIS

- Paragenesis of hypersthene with sillimanite and its petrological significance. A. A. Merakushev, V. A. Kuchavskiy, *Dokl. AN SSSR* 164 no. 1 178-182 S '65.
- Paragenetic analysis of the carbonate rocks of apatite-merrillite facies. V. V. Reverdatto. *Geol. i geofiz.* no. 2, 3-29 '65.

PARALYSIS, FACIAL

- Some features of the development, course and outcome in bilateral Bell's palsy. A. K. Popov. *Zhurnal nevrolog. i psikh.* 65 no. 2 216-221 '65.

PARAMAGNETIC RESONANCE AND RELAXATION see Electron paramagnetic resonance

PARANOM

- Chemical paranoid reactions. K. I. Immerman, *Probl. obshchei i sud. psikh.* no. 14 177-180 '63.
- Clinical and catamnestic study of psychopathic personalities with a paranoid development. V. L. Pivovarova, *Probl. obshchei i sud. psikh.* no. 14-128-135 '63.

PARASITES—BIRDS

- (see also subdivision under *Amur Province; Georgia*)
- Generic groups of rhinonyssid mites (Mesostigmata, Rhinonyssidae) parasitizing on birds. Report No. 1 New genus *Steinostomoides*. N. G. Bragolova. *Ent. obozr.* 44 no. 3 700-713 '65.

PARASITES—CATTLE

- Immunization of cattle and sheep against dictyocaulosis. A. N. Zaitseva-Pedorchenko, *Veterinariia* 42 no. 7 51-52 Ji '65.
- Prophylaxis of onchocerciasis in cattle. A. P. Mikhailuk. *Veterinariia* 41 no. 12 30-39 D '64.

PARASITES—DUCKS

- Developmental cycle of *Polymorphus minutus*. A. B. Romanovskii, *Veterinariia* 41 no. 12 40-41 D '64.

PARASITES—FISHES

- Epizootic state of some bodies of water and reservoirs in Moscow Province. (I. V. Vasil'kov, I. V. Kamenskii, L. P. Birlukova. *Veterinariia* 41 no. 12 41-42 D '64.

PARASITES—GAMMARUS

- Developmental cycle of *Polymorphus minutus*. A. B. Romanovskii, *Veterinariia* 41 no. 12 40-41 D '64.

PARASITES—GESE see subdivision under Kazakhstan

PARASITES—HARES see subdivision under Turkmenistan

PARASITES—INTESTINES see Intestines—Parasites

PARASITES—LAMBS

- Effectiveness of naphthamone in *Nematodius* infestation of lambs. M. I. U. Pashal'skaya, *Veterinariia* 42 no. 7 52-53 Ji '65.

PARASITES—POULTRY see subdivision under White Russia

PARASITES—REINDEER see subdivision under Russia, Northern

PARASITES—SCALE INSECTS

- Role of the parasite *Aspidiotiphagus citrinus* (Crawf.) (Tetranychidae, Aphelinidae) in lowering the population of injurious scale insects in the subtropical regions of the R. S. F. S. R. B. M. Chumakova, *Ent. obozr.* 44 no. 3 520-528 '65.

PARASITES—SHEEP

- Fine structure of the sheep tapeworm larva *Coenurus skrjabini*. E. D. Logachev, *Dokl. AN SSSR* 164 no. 1 238-240 S '65.

Immunization of cattle and sheep against dictyocaulosis. A. N. Zaitseva-Pedorchenko, *Veterinariia* 42 no. 7 51-52 Ji '65.

PARASITES—SUSLINS

- Observations on suslik fleas *Ceratophyllus tesquorum* and *Neopsylla setosa* during hibernation of their hosts. L. V. Ilyashinova, N. I. Darskaya. *Mat. k poznavaniyu fauny SSSR* Old. zool. no. 40 145-170 '65.

PARASITES—SWINE

- Ershov, V. S. [Helminthiasis of swine] *Gelmintozy svinel*. Moskva, Izd-vo sel'khoz. lit-y, zhurnalov i plakatov, 1953. 233 p.

(DNA)

- Localization of *Acarus suis* on the body of a swine. E. I. Makhinokhina, *Veterinariia* 42 no. 7 51-52 Ji '65.

PARASITES—WHITEFISHES see subdivision under Karelia

PARASITOLOGY

- Akademika nauk USSR, Kiev.* [Parasites and parasites in man and animals] *Parazity i parazitizmy cheloveka i zhivotnykh*. Kiev, Naukova dumka, 1965. 411 p. (Respublikanskiy nauchno-metodicheskiy sbornik. Seriya "Problemy parazitologii") (DNLM)

PARASITOLOGY—CONGRESSES

- Brief news and information. *Zool. zhurnal* 14 no. 7 1111-1120 '65.

PARASYMPATHETIC NERVOUS SYSTEM see Nervous system, Parasympathetic

PARASYMPATHOLYTIC AGENTS

- Search for protective and therapeutic substances in poisoning with some organophosphorus compounds. L. S. Afonkina, L. V. Zaitseva, Nauch. tudy Kaz. gos. med. inst. 11-85-86 '64.

PARASYMPATHOMIMETIC SUBSTANCES

- Anticholinesterase properties of some O-ethyl-S-alkyl-methylthiophosphates. Report No. 2: Kinetics of inhibition of cholinesterase and acetylcholinesterase with O-ethyl-S-n-alkylmethyl thiophosphates. I. V. Rozengauz, I. I. Godyna, N. N. Gudovikov, *Izv. AN SSSR, Ser. khim.* no. 8 1370-1376 '65.

PARATHION—TOXICOLOGY

- Toxicology of phosphorus organic compounds (parathion, malathion and chlorpyrifos). F. Kolodanov-Simeonova. *Toks. nov. prom. khim. veshch.* no. 7 122-128 '65.

PARATYPHOID DISEASES IN ANIMALS

- Biological properties of the vaccine strain of *Salmonella choleraesuis* TS-177. B. A. Mal'chenko, I. K. Valocva, *Vest. sel'khoz. nauki [Kazakh.]* 8 no. 8 60-63 Ag '65.

PARENT AND CHILD

- Child is at your side. B. Gol'dfarb, *Doshk. vosp.* 36 no. 0, 35-38 Ag '65.
- Parents' authority. M. Petrova, *Doshk. vosp.* 36 no. 8 64-65 Ag '65.
- Perhaps our ways might be useful. S. Mostinskii, *Doshk. vosp.* 36 no. 8 66-67 Ag '65.
- Seven years of life is a great deal. V. N. Mytskaya, *Doshk. vosp.* 36 no. 8 36-41 '65.
- There are no trifles here. N. and R. Kaplan, *Doshk. vosp.* 36 no. 8 67 Ag '65.

PARIS—COMMUNE, 1871

- Bourgeois national radicals and friends of the Paris Commune in Croatia. V. I. Freidzon, *Sov. slav.* no. 5 14-25 '65.

PARIS—COMMUNE, 1871—BIBLIOGRAPHY see Bibliography—Paris—Commune, 1871

PAROLE

- (see also subdivision under *Ukraine*)

- Motion to determine the conditional release of sentenced persons and the participation of the Soviet public in these proceedings. G. A. Avanesov. *Izv. AN Turk. SSR, Ser. obshchestv. nauk* no. 1 32-39 '65.
- Responsibility for the evasion of corrective labor. L. Krakhtal'nik. *Sov. iust.* 29 no. 16 8-9 Ag '65.

PAROTIN

- Effect of intramuscular injection of parotin on calcium metabolism in the teeth and bones according to ^{45}Ca incorporation indices. M. S. Bubakina. *Pat. fiziol. i eksp. terap.* 8 no. 3 73-74 My-Je '65.

PARSNIPS—THERAPEUTIC USE

- Pastinacium*. *Nov. lek. sred.* no. 7 62-77 '65.

PART-TIME FARMING

- Let's make part-time farming profitable. V. Sumanovskii and others. *Sots. obozr.* 28 no. 6 32-34 Je '65.

PARTIAL DENTURES

- Immediate and late results of the use of glass reinforced plastics for permanent dentures. L. A. Elizavina, Nauch. tudy Kaz. gos. med. inst. 11 125-126 '64.

PARTIAL DIFFERENTIAL EQUATIONS see Differential equations, Partial

PARTICLE ACCELERATORS

- Moscow. *Inzhenerno-fizicheskii institut.* [Some trends in present-day technological progress] *Nekotoryye napravleniya sovremennoye tekhnicheskogo progressa*. Otv. red. S. N. Epstein. Moskva, 1962. 37 p. (Ile. Tudy)

- "Runaway" electron interactions with plasma in a C-1 stepladder. P. I. Bilov, L. P. Zakatov, *Atom. energ.* 18 no. 3 233-235 '65.

- Some characteristics of an accelerating tube with sloping fields. V. A. Romanov, A. N. Serbinov, *Atom. energ.* 19 no. 2 178 Ag '65.

- Use of a resonator buncher in producing accelerated monochromatic electron clusters with a high trapping percentage. B. A. Snedkov, *Atom. energ.* 18 no. 3 287 S '65.

- Wave-guide cyclic electron accelerator. A. V. Vorob'ev, A. N. Didenko, E. S. Kovalenko, *Izv. TP1* 100 162-169 '62.

PARTICLE ACCELERATORS—OSCILLATIONS

- Coherent instability of betatron oscillations in accelerators and storage devices. V. I. Babikov, A. A. Kolomoyskii, *Atom. energ.* 19 no. 2 120-131 Ag '65.

PARTICLE SIZE DETERMINATION

- Determining the size and charges of separate particles during the electrostatic dispersion of paint materials. V. A. Gubenskii, N. A. Faks. *Lekok. an. mat. i kh. prikl.* no. 1 50-57 '65.

- Determining the specific surface of finely dispersed nickel and tungsten powders. V. V. Panchukina, I. V. Uvarov, *Porosh. met.* 5 no. 9 19-22 S '65.

PARTICLES

- Calculation of the spectrum of particles according to information of the transparency of the dispersion system. K. S. Shifin, A. A. Petelin. *Tudy GGO* no. 170 3-16 '65.

PARTICLES (NUCLEAR PHYSICS)

- Current philosophical problems of the physics of elementary particles. V. S. Barashnikov. *Vop. filoz.* 18 no. 8 81-94 '65.
- Quarks: astrophysical and physicochemical aspects. I. A. B. Zel'dovich, L. B. Okun', S. B. Pikel'ner, *Usp. fiz. nauk* 87 no. 1 113-124 S '65.
- Sokolik, G. A. [Group methods in the theory of elementary particles]. *Gruppovyye metody v teorii elementarnykh chastit*. Moskva, Atomizdat, 1965. 174 p.
- Three-particle partial amplitudes and the unitarity conditions for complex values of angular momentum. I. A. L'vov and others, *Zhur. eksp. i teor. fiz.* 49 no. 2 548-571 Ag '65.

PASHUTIN, VIKTOR VASIL'EVICH, 1945-1961

- Role of V. V. Pashutin in the development of Russian pathological physiology. I. R. Petrov. *Pat. fiziol. i eksp. terap.* 8 no. 3 3-7 My-Je '65.

PASSIVITY (CHEMETRY)

- Passivation and the destruction of the passivity of steel reinforcements in concrete. V. M. Moskvina, S. N. Alekseev, V. I. Novoprikladskii, *Zashch. met.* 1 no. 5 559-564 S-Q '65.

PASTURES AND MEADOWS

- (see also subdivision under *Azerbaijan; Dzarybakh region, Kazakhstan; Maritime Territory; Sary-Arkan region, Kazakhstan; Soviet Central Asia*)

- Economic foundations of mechanized water-supply units for seasonal pastures consisting of tank tractor trucks and high-capacity water sources. R. M. Kaplan, *Vest. sel'khoz. nauki [Kazakh.]* 8 no. 8 67-65 Ag '65.
- Methods for establishing and using cultivated pastures in the forest zone. N. G. Andreev, *Izv. TSKHA* no. 2 48-56 '65.

- Overall mechanization for meadows and pastures. P. Volkov, *Tekhn. sel'khoz.* 25 no. 9 18-19 S '65.

PASYNSKII, ANATOLI GERMANOVICH, ? -1965

- Anatoli Germanovich Pasynskii: an obituary. *Radio-biologiya* 5 no. 4 620 '65.

PATELLA—SURGERY

- Alloplasty of the patella. G. S. Samoilov, *Ortop., travm. i protez.* 26 no. 8 20-23 Ag '65.

PATENT LAWS AND LEGISLATION

- Efficiency promotion measures and efficiency suggestions in capital construction. A. K. Iurshenko, *Vest. LGU* 20 no. 17 118-127 '65.
- Soviet patent law and its application. V. I. Pukhov, *Elek. sta.* 36 no. 9 88-71 S '65.

PATENT LAWS AND LEGISLATION (Continued)

A study of legal problems related to an expanded utilization and increasing growth of inventors' proposals
S. N. Landkov. Sov. gos. i prav. 35 no. 9 146-148 S '65.

PATENT LAWS AND LEGISLATION—STUDY AND TEACHING

see subdivision under *Alga*

PATENT LICENSES

Complaint—that is bad B. Vazhnov. Izobr. izv. no. 9 3 '65.

PATENTS

[Bulletin on inventions and trademarks] *Biul. izob. i izv. znak.* 42 nos. 17-18 S '65.

PATENTS—INFORMATION SERVICES

see subdivision under *Baltic States*

PATHOGENIC BACTERIA

see *Bacteria*, *Pathogenic*

PATHOGENIC MICRO-ORGANISMS

see *Micro-organisms*, *Pathogenic*

PATHOGENIC PROTOZOA

see *Protozoa*, *Pathogenic*

PATHOLOGICAL ANATOMY

see *Anatomy*, *Pathological*

PATHOLOGICAL HISTOLOGY

see *Histology*, *Pathological*

PATHOLOGICAL PHYSIOLOGY

see *Physiology*, *Pathological*

PATHOLOGICAL PSYCHOLOGY

see *Psychology*, *Pathological*

PATHOLOGY

Toxicology of 1,4-butyne-2-ol. K. P. Stasenko, T. A. Koshchikova. Tekh. nov. prom. i zhizn. veshch. no. 7 13-27 '65.

PATHOLOGY, CELLULAR

Cytochemical bases of the sterility of wheat-rye hybrids. S. V. Shkurenko. Vest. sel'khoz. nauki [Kazakh] 8 no. 9 22-26 S '65.

Use of cell lines from human tumors for the initial selection of antineoplastic antibiotics. V. A. Talyzina and others. Antibiotiki 10 no. 8 722-724 Ag '65.

PATHOLOGY, SURGICAL

Operability of surgical patients. V. N. Shubin. Nauch. trudy Kaz. gos. med. inst. 14 575-577 '64.

PATON, EVGENII OSKAROVICH, 1870-1953—BIBLIOGRAPHY

see *Bibliography—Paton, Evgenii Oskarovich, 1870-1953*

PATTERNMAKING

Casting into molds using self-gasifying patterns. P. S. Strolinski. Lit. i proizv. no. 3 44-48 Mr '64.

PAULUS VI, Pope, 1897-

Pope Paul VI at the United Nations B. Rolski. Nov. vrem. 23 no. 42 11-12 O '65.

PAUSTOVSKII, KONSTANTIN GEORGIEVICH, 1893-

Early prose of K. Paustovskii, 1912-1932 L. S. Achkasova. Uch. zap. Kaz. un. 124 no. 5 118-176 '64.

Short stories of K. Paustovskii. E. A. Aleksanian. Izv. AN SSSR. Ser. lit. i iz. 24 no. 4 287-290 Ji-Ag '65.

PAVEMENTS

Kaganovich, V. E., and P. P. Kupin. [Calculation and construction of flexible pavements, systematic manual] Raschet i konstruirovaniye nezhestkikh dorozhnykh odevzh, metodicheskoe posobie. [Omsk] Zapadno-Sibirskoe knizhnoe izd-vo, 1964. 85 p. (Biblioteka studenta, no. 6)

PAVEMENTS, CONCRETE

Sheludak, G. S. [Cement and concrete in the construction of city streets] Tsement i beton v gorodskom dorozhnom stroitel'stve. Pod red. V. K. Nekrasova. Moskva, Stroiizdat, 1965. 95 p.

PAVLOV, IVAN PETROVICH, 1849-1936

I. P. Pavlov's correlations with scientists and social workers of Japan (1893-1936). V. L. Merkulov. Fiziol. zhur. 51 no. 9 1143-1147 S '65.

N. K. Krupskaya and I. P. Pavlov on the dissemination of science, unpublished documents. E. S. Kullabko. Vest. AN SSSR 35 no. 9 117-119 '65.

PAVLOVSKII, EVGENII NIKANOROVICH, 1884-1965

Evgenii Nikanorovich Pavlovskii, 1884-1965. Ent. oboz. 44 no. 3 473-475 '65.

PAYMENT

(see also subdivision under *Moldavia*)

Extension of credit and the payments of production combines. I. A. Saidakovskii, B. Kozover. Den. i kred. 23 no. 8 35-37 S '65.

Optimization of ties and the organization of payments. B. Bezuglyi. Plan. khoz. 12 no. 10 83-85 O '65.

Payments for centralized transportation. F. Medved'. Builg. uch. 22 no. 8 45-47 Ag '65.

Payments to collective farms. V. Bratzenko. Den. i kred. 23 no. 8 42-43 S '65.

PEA TREE

Germination of the pollen of *Robinia pseudoacacia*, *Robinia neoneviana* and *Caesalpinia borealis* G. D. Filova. Biul. Glav. bot. s'da no. 57 69-76 '65.

PEACE

Shevelev, A. G. [Solidarity of peoples in the struggle for peace] 'Solidarnost' narodov v bo'ye za mir. [Leningrad] Leningrad, 1963. 54 p. (CSK-H)

PEACE CORPS

Missionaries of neocolonialism. I. Lapitskii. Mirodunar. zhizn' 12 no. 10 119 O '65.

PEACH—VARIETIES

see subdivision under *Ukraine*

PEAS

see subdivision under *Golodnaya Steppe*

PEAS—CLEANING

Effect of the design characteristics of the conveyor of a threshing machine on the quality of pea threshing. I. I. Gorbalkov, M. G. Penkin. Vest. sel'khoz. nauki 8 no. 8 95-101 Ag '65.

PEAS—FROST RESISTANCE

Preservation of spring oat and pea plants in winter under artificial conditions G. Salcheva, M. Vasilova. Agrobiologiya no. 5 761-765 S-O '65.

PEAS—VARIETIES

Effect of chemical mutagens on two pea varieties. S. A. Gostinskiy, V. V. Khvostova. Biul. MOIP. Old biol. 70 no. 4 148-152 Ji-Ag '65.
Metabolism in tall and dwarf pea varieties. K. M. Sytnyuk, L. I. Mosatenko. Dop. AN URSR no. 9 1228-1231 '65.

PEASANTRY

(see also subdivision under *Daghestan, Ukraine*)

Akademii nauk SSSR, Institut istorii. [The peasant movement in Russia during the years of the First World War, July 1914-February 1917, a collection of documents] Krest'ianskoe dvizhenie v Rossii v gody Pervoi Mirovoi voyny Iul' 1914 g.-fevral' 1917 g. sbornik dokumentov. Red. A. M. Anfimov. Moskva, Nauka, 1965. 605 p. (Krest'ianskoe dvizhenie v Rossii v XIX-nachale XX veka)

Soviets in the struggle against the counterrevolutionary activity of the kulaks during the transition to the NEP IV S. Kukushkin. Vest. Mosk. un. Ser. 0. 20 no. 5, 23-34 S-O '65.

PEASANTS' WAR, 1524-1525—HISTORIOGRAPHY

Marxist historiography of the German Democratic Republic on the early bourgeois revolution in Germany, based on materials of the discussion in Wornigerode V. Z. Kapitulskiy. Trudy TGU 173 73-83 '64.

PEAT—STORAGE

Storage of litter peat in stacks protected with polyethylene films. I. A. Kalinin, A. M. Potopavlov, R. A. Aleksandrov. Torf. prom. 42 no. 6 18-20 '65.

PEAT BOGS

see subdivision under *Estonia*

PEAT INDUSTRY

Economics, organization, and planning of peat production. G. V. Solennov, A. N. Shakhov. Torf. prom. 42 no. 6 1-4 '65.

Efficient methods for harvesting milled peat with the use of pneumatic conveying unit techniques. Torf. prom. 42 no. 6 31 '65.

PEAT INDUSTRY—STUDY AND TEACHING

Focus the attention on the training of technical personnel. V. N. Kiselev, V. V. Petrov. Torf. prom. 42 no. 6 24-26 '65.

PEAT MACHINERY

Machine "MTU-O" for the production of peat-mineral-ammonia fertilizer. A. I. Mandelbaum. Torf. prom. 42 no. 6 21-24 '65.

Machine "PPF-3" for harvesting litter peat. V. V. Vaganov. Torf. prom. 42 no. 6 11-13 '65.

Redesigned front supporting rolls of the "SEST-2" milling drum. I. F. Gilevskii. Torf. prom. 42 no. 6 27-28 '65.

Reliability of BF-6, 5 the milling drum. D. V. Nazarovskii. Torf. prom. 42 no. 6 9-11 '65.

PEAT MACHINERY—DESIGN AND CONSTRUCTION

Methodology of calculating the processing and forming mechanisms for obtaining lump fuel with given properties. V. K. Pomin. Torf. prom. 42 no. 6 13-17 '65.

PEAT MACHINERY—PAIRS

Device for machining the chain pins of OI-5 machines V. I. Ryshin. Torf. prom. 42 no. 6 28 '65.

PEBBLES

see subdivision under *Arpa Valley (Armenia)*

PECAN

Effect of gibberellin on the germination of seeds of the pecan (*Carya ovifera* Nutt.). P. I. Shchepot'ev, I. N. Lebedinskii. Dokl. AN SSSR 161 no. 7 701-704 S '65.

PECHORA BASIN—COAL GEOLOGY

Leningrad. Vsesoiuznyi nauchno-issledovatel'skii geologicheskii institut. Otdel geologii ugla i gornicheskikh slatkov. [History of the coal accumulation in the Pechora Basin] Istor. nauglenakopleniya v Pechorskoi basseine. Moskva, Nauka, 1965. 246 p.

PECHORA VALLEY—GEOLOGY, STRUCTURAL

Plan of the development of a tectonics in the platform cover of the central part of the Pechora Valley. M. P. Monakhov. Geol. nefte i gazu 9 no. 2 16-25 S '65.

PECHORY DISTRICT—FEEDS

Utilizing sources of inexpensive feeds I. Kozlov. Part. zhizn' no. 10 15-18 O '65.

PECTIN

Effect of the pectin substances of sugar beets on the viscosity of the prepared mash. V. A. Vozhbitskaya, A. L. Maltchenko. Perma. i apli. prom. 31 no. 6 1-10 '65.

PEDAGOGICAL LIBRARIES

see subdivision under *Moscow*

PEDIATRICS

(see also subdivision under *Kazan*)

Bel'tman, A. I., ed. [Pediatric orthopedic stomatology] Ortopedicheskaya stomatologiya detskogo vozrasta. [By] A. I. Bel'tman i dr. Kiev, Zdonov'ia, 1965. 400 p. (DNI-M)

Characteristics of falling asleep and waking in children with various typological properties of the higher nervous activity R. F. Shchibrikova. Trudy TSU 70 68-70 '65.

Degree of bronchial resistance in healthy children I. S. Romanova. Biul. dop. biol. i med. 60 no. 8 17-20 Ag '65.

Epidemiological effectiveness of preventive bacteriophage treatment against dysentery in pediatric institutions. G. N. Raikhabad and others. Zhurn. mikrobiol., epidemiol. i inf. 42 no. 8 139-141 Ag '65.
Mauritius syndrome in children. A. M. Giranovskii. I. TSvetkova. Trudy TSU 78 77-87 '65.

PEGMATITES—THERMAL PROPERTIES

see subdivision under *Kazakhstan*

PELTS

see *Hides and skins*

PELVIS

Some anthropological indices of the normal pelvis in women. V. I. Tolcheeva. Vop. ant. no. 16 80-100 '64.

PELVIS—SURGERY

Local novocaine anesthesia in operations on the organ of the small pelvis. I. N. Shtykov. Nauch. trudy Kaz. gos. med. inst. 14 545-546 '61.

PELVIS—TUMORS

Neuromas in the cavity of the small pelvis. R. G. Baklava, T. A. Mitonova. Nauch. trudy Kaz. gos. med. inst. 14 367-368 '64.

PENALTIES, CONTRACTUAL

see subdivision under *Ukraine*

PENDULUM

Circular motions of bound Frahm pendulums V. S. Sechenikova. Izv. vuz. uch. i nauch. mat. no. 4 122-125 '65.

Movement stability of gyroscopic and physical pendulums on movable foundations. A. I. Gurlin. Izv. zhur. 5 no. 4 603-607 '65.

Relative equilibrium of a physical pendulum in the general case of a movement of its fulcrum. I. I. Pomyakov. Trudy MAI no. 161 10-20 '65.

Vertical and the relative equilibrium of a mathematical pendulum. I. I. Pomyakov. Trudy MAI no. 161 5-15 '65.

PENICILLANIC ACID

Circulation of 6-amino-penicillanic acid in the rabbit organism. E. Rudzikis, Z. V. Nefedova. Antibiotiki 10 no. 9 824-827 S '65.

PENICILLIN

Absorption and distribution in the body of phenoxymethyl penicillin and various salts of benzyl penicillin in experimental anaphylactoid shock in white rats. V. P. Iakovlev. Antibiotiki 10 no. 9 820-824 S '65.

PENICILLIN (Continued)

Dynamics of some immunological indices in animals with experimental streptococcal infection in combined cortisone and penicillin therapy. N.G. Busygina, Zhur. mikrobiol., epid. i immun. 12 no. 8:31-36 Ag '65.

Experimental study of polymeric derivatives of penicillin, N.I. Givental' and others, Antibiotiki 10 no. 8:701-706 Ag '65.

Pharmacological study of methylcellin. R.V. Veis, I.A. Storchov, Antibiotiki 10 no. 7:629-633 Ji '65. Some immunity indices in young children with purulent meningitis treated with massive penicillin doses. N.I.A. Pokrovskaya, Trudy TSU 78:25-30 '65.

Tissue culture as a model for studying the biological activity of penicillin and macrolide antibiotics. A.P. Zak, Antibiotiki 10 no. 8:733-740 Ag '65.

PENICILLIN—CANCER

Golikhberg, M.I. [Surgical and radiotherapy of cancer of the penis] Khirurgicheskoe i radiatsionnoe lechenie iaka polovogo chlena, Kiev, Zdorov'ia, 1965. 126 p. (Biblioteka prakticheskogo vracha) (DNLM)

PENIS—DISEASES

Surgical method for treating balanoposthitis in bulls. I.S. Chernenko, V.G. Petrov, Veterinarika 42 no. 7: 82-83 Ji '65.

PENIS—SURGERY

Surgical method for treating balanoposthitis in bulls. I.S. Chernenko, V.G. Petrov, Veterinarika 42 no. 7: 82-83 Ji '65.

PENMANSHIP—AUDIO-VISUAL AIDS

Graphic net helps in learning how to write. A.V. Barilakov, Nach. shkola 33 no. 9:81-86 S '65.

PENMANSHIP—STUDY AND TEACHING

Writing of numerals in the first grade. A.I. Rudenski, Nach. shkola 33 no. 9:87-88 S '65.

PENSIONERS—EMPLOYMENT

Pension payments to retirees holding jobs. IU, TSedebauin, Sots. zakon 12 no. 9:83-86 S '65.

PENSIONS

(see also subdivision under Baikal Lake region, Orenburg Province)
From the board of the Ministry. Sots. obesp. 26 no. 6: 51 Je '65.

In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. Sots. trud, 10 no. 8:114-117 '65.

Pension payments to retirees holding jobs. IU, TSedebauin, Sots. zakon 12 no. 9:87-88 S '65.

Should the standard documents be checked? Z. L'vov, Sots. obesp. 26 no. 6:83 Je '65.

PENSIONS—LAW AND LEGISLATION

Regular phenomenon. N. Pankheev, Sots. obesp. 26 no. 6:24-26 S '65.

What is new in the legislation on pensions; our consultations. G. Simonenko, Sov. profsoyuzy 21 no. 17:42-43 S '65.

PENTANEDIONE—SPECTRA

Study of keto-enol equilibrium of 3-alkylacetylacetones by the nuclear magnetic resonance method. IU, N. Molin and others, Izv. AN SSSR, Ser. khim., no. 9: 1556-1564 '65.

PENTOSSES

Production of furfural by the method of rapid dehydration of pentose hydrolyzates in high-boiling oils. M. I. Gorinov, Kh. M. Mirfazlov, V. K. Sarakina, Izv. AN Kazakh SSR, Ser. khim., nauk 15 no. 2:83-86 Ap-Je '65.

PENTOXYL—THERAPEUTIC USE

Effect of pentoxyl on the healing of penetrating linear wounds of the cornea, an experimental study. L. D. Tishkova, Sbor. nauch. trud. SOGMI no. 14:108-113 '65.

PENZA PROVINCE—ADULT EDUCATION

Activities and needs of people's universities. P. Eliseev, Part. zhizn' no. 20:61-63 O '65.

PENZA PROVINCE—AGRICULTURAL WORKERS—EDUCATION AND TRAINING

A diploma for an agricultural worker. A. Ivanov, Mol. komm. no. 8:77-81 '65.

PENZA PROVINCE—AGRICULTURE—STUDY AND TEACHING

From the work of student brigades. K.I. Ostrov, Shkola i prosv. 9 no. 9:37-38 S '65.

PENZA PROVINCE—COMMUNIST YOUTH LEAGUE

A diploma for an agricultural worker. A. Ivanov, Mol. komm. no. 8:77-81 '65.

PEPPER—VARIETIES

Provide the communities of the Central Chairomen Economic Region with the best pepper varieties. T. S. Alibekov, Koms. lov. prom. 20 no. 8:27-23 Ag '65.

PEPPERMINT see subdivision under Makhalla

PEPTIC ULCER

Changes in the absorptive and secretory functions of the stomach in experimental ulcers during the action of high-frequency physical agents on the organism. V. R. Faltelberg-Blink, Pat. fiziol. i eksp. terap. 9 no. 1: 80 Ji-Ag '65.

Clinical picture of the tongue in gastritis and peptic ulcer of the stomach and the duodenum. N. P. Skorkina, Nauch. trudy Kaz. gos. med. inst. 11:517-548 '61.

Compound treatment of peptic ulcer of the stomach and duodenum with the use of Kuyalnik No. 1 mineral water. A. G. Rozikovskaya, Vop. kn. i. foler. i lech. fiz. kul't. 30 no. 1:309-312 Ji-Ag '65.

Concentrating function of the gallbladder in peptic ulcer of the stomach and duodenum. V. A. Kulikov, Trudy 1-go MMI 39:191-198 '65.

Dyskinesia of the biliary tract in peptic ulcer. E. Z. Pollak, Trudy 1-go MMI 39:131-115 '65.

Effect of atropine on the motor function of the gallbladder in peptic ulcer and chronic cholecystitis. V. S. Ioffe, Trudy 1-go MMI 39:146-151 '65.

Phenomenon of the enlargement of the gallbladder during cholelithiasis. I. D. Lindenblaten and others, Trudy 1-go MMI 39:109-205 '65.

Results of compound therapy of ulcers of the stomach and duodenum at a prophylactic sanatorium. I. P. Solomov, Sov. med. 28 no. 9:100-103 S '65.

Saturation of the organism with vitamins in peptic ulcer. I. S. Bilch, M. G. Nefedova, Nauch. trudy Kaz. gos. med. inst. 14:373-375 '64.

Special mechanisms of the pathogenesis of peptic ulcers and their correlation during treatment. Kh. S. Bikhulova, I. L. Bilch, V. V. Talantov, Nauch. trudy Kaz. gos. med. inst. 14:371-372 '64.

Urgent X-ray diagnosis of bleeding gastric and duodenal ulcers. M. K. Shcherbatnikov, Sov. med. 28 no. 6:20-26 Ag '65.

Use of ultrasonic in peptic ulcer. V. D. Grigor'eva, Trudy TSU 77:90-98 '65.

PEPTIDES

Chemical nature of coronary active substances obtained from the hypothalamus. A. A. Galeian, R. M. Siapinina, Vop. biokhim. mor. 1:115-119 '64.

Chemistry of desalpeptides. Report 25: Structure and complete synthesis of ornithine A and B. M. Shemina-Fin and others, Izv. AN SSSR, Ser. khim., no. 9:1623-1630 '65.

Sedimentation, diffusion, and viscosity of poly- γ -benzyl L-glutamate in solutions. V. N. Lyubovskaya and others, Vysokom. acid. no. 6:1098-1103 Je '65.

PERCEPTION

Dodalev, A. A. [Perception of man by man] Vosprilatte cheloveka chelovekom, [Leningrad] Izd-vo Leningr. univ., 1965. 121 p.

Relation between the visual perception of the brightness of scanning lines and their dimensional in brightness. IU, P. Sidal'kovskii, Tekh. kino i telev. 9 no. 8:51-56 Ag '65.

PERCEPTION, DISORDERS OF

Apprehension disorders in psychopaths. O. E. Freierov, Psich. obshchest. i med. psikh. no. 14:138-148 '63.

Approbation of a variation of the methodology for the thematic apperception test. N. K. Kioschenko, Trudy Gos. nauch. -issl. inst. psikh. 43:213-219 '65.

Characteristics of the methodological ways for studying disorders of cognitive processes in schizophrenia. IU, P. Pollakov, Trudy Gos. nauch. -issl. inst. psikh. 43:260-273 '65.

Methodologies for studying the characteristics of the perception of speech. V. P. Kritskina, Trudy Gos. nauch. -issl. inst. psikh. 43:265-303 '65.

Methodology for studying the characteristics of visual perception under conditions of inadequate information. E. I. Dogdanov, Trudy Gos. nauch. -issl. inst. psikh. 43:270-287 '65.

Methodology for the study of some characteristics of the process of visual perception. IU, V. Ivanikov, Trudy Gos. nauch. -issl. inst. psikh. 43:274-278 '65.

PERCEPTORS

Algorithm for the recognition of a limited number of sound images. V. N. Trumlin-Donskoi, A. S. Tsvet, M. V. Kulagin, Soob. po vych. tekhn. no. 4:9-37 '65.

PERFUMES

Quality control of perfumery products. K. I. Kupferman, Masloshir. prom. 31 no. 9:38 S '65.

PERICARDITIS

Pathologic physiological changes in traumatic pericarditis. V. V. Yarnikov, N. A. Usatov, V. P. Paderin, Veterinarika 42 no. 7:83-86 Ji '65.

PERICLASE

Structure of periclasts in cement clinkers. S. M. Rolak, V. V. Myshlinskaya, V. A. Chumakova, Trudy NTI Sement no. 14:29-19 '63.

PERILLA

Life of gamma rays on the growth and accumulation of dry matter in a perilla plant. V. N. Savin, A. A. Shorov, Dokl. Akad. nauch. no. 5:19-22 My '65.

PERIODIC FUNCTIONS see Functions, Periodic

PERIODIC LAW

Alenik, O. O. [D. I. Mendeleev's periodic system of elements] Periodicheskaya sistema elementov D. I. Mendeleeva, Kyiv, Radiatsiya shkola, 1965. 150 p.

Makarenko, A. A. [D. I. Mendeleev on the radioactivity and complexity of elements] D. I. Mendeleev o radioaktivnosti i slozhnosti elementov. Izd. 2, perep. 1 dop. Moskva, Atomizdat, 1963. 102 p.

PERIODONTIA

Identification of streptococci isolated from the root canals of teeth with periodontal diseases and tonsils. A. Sh. Gubaidullina, G. Z. Khabirova, Nauch. trudy Kaz. gos. med. inst. 14:153-154 '64.

Late results of treating periodontitis in children. I. I. Nakasutova, Nauch. trudy Kaz. gos. med. inst. 11:471-474 '64.

PERIOSTEUM—INNERVATION

Development of encapsulated nerve endings in the periosteum of the bones of the lower extremities of a human fetus. N. I. Domacheva, Nauch. trudy Kaz. gos. med. inst. 14:159-160 '64.

Development of encapsulated receptors in the pelvic periosteum of a human fetus. M. V. Korotkova, Nauch. trudy Kaz. gos. med. inst. 11:213-214 '64.

PERIPHERAL NERVES see Nerves, Peripheral

PERITONITIS

Changes in liver function in peritonitis during disorders of its arterialization. E. M. Nulov, A. I. Soplinik, Pat. fiziol. i eksp. terap. 9 no. 3:61-63 My-Je '65.

Effect of the stimulation of the vagus nerve on respiration in experimental peritonitis. G. A. Bazarovich, Nauch. trudy Kaz. gos. med. inst. 11:80-90 '64.

Pathogenesis and treatment of acute diffuse peritonitis. V. K. Kulagin, L. I. Baklanov, Izv. AN Arm. SSR Biol. nauki 18 no. 5:60-66 Je '65.

Peritonitis of ducks. Report no. 1. S. A. Larin, Vest. sel'khoz. nauki [Kazakh], 8 no. 9:50-51 S '65.

Some characteristics of acute diffuse peritonitis in allergy. I. A. Salikhov, A. I. Shlekhina, Nauch. trudy Kaz. gos. med. inst. 11:281-282 '64.

Some characteristics of the course of peritonitis in patients with neoplasms. R. A. Vinogradov, N. M. Sorokina, Nauch. trudy Kaz. gos. med. inst. 14:386-401 '64.

PERM PROVINCE—GEOLOGY, STRATIGRAPHIC

Stratigraphy and oil potential of Perm-Middle Devonian sediments in Perm Province and the Udmurt A.S.S.R. A. A. Klevieva, A. V. Kutakov, E. M. Ushakov, Izv. vys. ucheb. zav. i. geol. i. razv. 8 no. 6:21-27 S '65.

PERMAFROST see Frozen ground

PERMITTIVITY see Dielectric constant

PEROSPORALES see subdivision under Armenia

PEROXIDASES

Methods and indications of the reaction for peroxidase. I. S. Solov'ev, Veterinarika 41 no. 12:73-75 Ji '64.

Significance of experimental histological and chemical studies of peroxidase and acid phosphatase in the diagnosis of multiple sclerosis. A. L. Leonovich, Dokl. AN BSSR 9 no. 6:122-124 Je '65.

PEROXIDES

New method of introducing peroxide groups into polymer macromolecules used for the synthesis of graft copolymers. B. P. Morin, IU, G. Kuznetsov, Z. A. Rogovin, Vysokom. acid. 7 no. 6:1163-1167 Ag '65.

Reaction involving an HO_2 radical. Report 1: Mechanism of interaction of HO_2 radicals with saturated and unsaturated hydrocarbons and methyl alcohol. L. I. Avramenko, L. M. Evashkina, R. V. Kolesnikova, Izv. AN SSSR, Ser. khim., no. 8:1336-1346 '65.

Spectral study of asymmetrical diacyl peroxides. S. S. Ivanchev, A. I. Iliuzhenko, IU, N. Anisimov, Zhur. fiz. khim. 39 no. 8:1900-1905 Ag '65.

PERSIA see Iran

PERSONAL INJURIES

N. Malenin's "Compensation for injury caused to a person," N. Komaev, Sots. zakon, 42 no. 8:84-85 Ag '65.

PERSONAL NAMES see Names, Personal

PERSONALITY, DISORDERS OF

Methods for studying the emotionally-volitional spheres in mental patients, laboratory of experimental pathopsychology B. V. Zeigarnik Trudy Gos nauch.-issl inst. psikh 43 42-57 '65.

Psychological analysis of patients' complaints compared with objective clinical and experimental psychological data, the so-called "interior picture of the disease" V. V. Postolova, Trudy Gos nauch.-issl inst psikh 43 57-66 '65.

Psychological structure of rationalization T. I. Tepelnitsyna Trudy Gos nauch.-issl inst. psikh. 43, 68-80 '65

PERSONNEL MANAGEMENT

Legal aspect of labor relations and vocational training. M. I. Baru. Sov gos i pravo 35 no 9 40-47 S '65

PERSONS (INTERNATIONAL LAW)

Juridical personality of international organizations. S. A. Malinin. Vest. LGU 20 no. 17 103-117 '65.

PERSPECTIVE

Construction of panoramic perspectives by the method of natural coordinates. V. N. Sinebriukhov. Izv. vys. ucheb. zav., stroi i arh-ht 8 no. 9, 122-128 '65.

PERVOURALS'K REGION (VERDLOVSK PROVINCE)—QUARTZITE—TESTING

Results of some experimental studies on the drillability of Pervourals'k quartzite by thermal piercing V. G. Simanov and others Izv. vys. ucheb. zav., gor. zhur 8 no. 7 92-97 '65.

PESTICIDES

Akademila meditsinskikh nauk SSSR, Moscow. Institut planila [Methods for the determination of pesticides in food products] Metody opredeleniya pestitsidov v pishchevyykh produktakh Pod red A. A. Pokrovskogo i A. I. Shtenberg Moscow, Meditsina, 1965. 139 p. (Biblioteka sanitarnogo vracha)

Calculating the amounts of mixtures of chemicals with complete additive and independent biological effect of the components P. V. Popov Khim. i sel' khoz 3 no 8 73-79 Ag '65

Present state of the methods for the determination of pesticides, a survey. I. K. Tsvetov. Zhur. anal. khim 20 no 7 875-889 '65.

PETER I, 1672-1725—FICTION

Archaic words and forms in A. N. Tolstol's novel "Peter the Great." M. G. Chkhikvadze. Trudy Tbil. GU no. 98:277-290 '64.

PETITION, RIGHT OF

After all, behind the complaint there is a living person. A. Michurin. Sots. zakon. 12 no. 8, 11-14 Ag '65.

PETROCHEMICAL INDUSTRY—PRODUCTION STANDARDS see subdivision under Bashkiriya

PETROCHEMICAL PLANTS—ELECTRONIC EQUIPMENT

Pantelev, N. F., and V. G. Dianov [Principles of the theory of automatic control and automatic controllers] Osnovy teorii avtomaticheskogo regulirovaniya i avto-reguliruyemykh Moskv, Nedra, 1965 344 p

PETROCHEMISTRY

Isagulants, V. L., and G. M. Egorova. [Petrochemistry; manual for laboratory studies] Khimiya nefti; rukovodstvo k laboratornym zaniatiyam 2. izd., perer i dop Moskv, Khimika, 1965. 506 p.

PETROGLYPHS see subdivision under Kazakhstan

PETROGRAPHIC MICROSCOPE

Petrographic method of controlling the quality of cement L. A. Lopatnikova Trudy NIITsement no 18 75-86 '63

PETROLEUM—ANALYSIS see subdivision under Lokhatai region (Azerbaijan), Second Baku

PETROLEUM—CLASSIFICATION

Classification of petroleum based on the temperature of demulsification carried out in plant installations. Sbor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neftoper, i khim. prom. no. 2 43-46 '62.

An example of the joint simplified mathematical analysis of geological classifications I. U. Voronin, N. A. Gol'dina. Geol. i geofiz 20 283-301 '65

PETROLEUM—MICROBIOLOGY

Symposium on petroleum microbiology, Czechoslovakia, Brno, Oct. 4-8, 1964. M. V. Ivanov, G. A. Mogilevskii, G. P. Slavina. Izv. AN SSSR Ser. biol. no. 5 789-803 S-O '65.

PETROLEUM—REFINING—DEWAXING see Petroleum refining—Dewaxing

PETROLEUM—STORAGE

Pumping petroleum products from underground reservoirs. I. U. G. Japov, A. M. Gorustovich, G. M. Sarkisov. Transp. i khran. nefi i nefteprod. no. 8 12-14 '65.

Selecting the capacity of tank farms. V. B. Savitskii. Transp. i khran. nefi i nefteprod. no. 8 16-18 '65.

PETROLEUM—TRANSPORTATION (see also subdivision under United States)

Building mooring places for large-tonnage tankers. E. S. Kdn. Mor. flot 24 no. 8 39-42 Ag '61.

Centralized delivery of petroleum products. S. G. Kravchuk. Transp. i khran. nefi i nefteprod. no. 8 30 '65.

Effectiveness of shipping petroleum by direct river-sea communication. V. Nevolin. Rech. i transp 24 no. 8 19 '65.

Our practices in pushing barges with crude petroleum A. Khrapov. Rech. i transp 24 no. 8 18 '65

Shipping crude petroleum with the aid of pusher tugs V. Esin Rech. i transp. 24 no. 5 24-25 '65

PETROLEUM, HEATING OF

Increasing the capacity of pipelines transporting Mangyshlak high-paraffin petroleum. A. I. Kazubov, S. G. Shcherbakov, V. I. Chernikin. Transp. i khran. nefi i nefteprod. no. 8 3-6 '65.

Pipeline transportation of viscoplastic high-pour petroleum requiring heating A. I. Kazubov, S. G. Shcherbakov, V. I. Chernikin Transp. i khran. nefi i nefteprod. no. 7 3-7 '65

PETROLEUM COKE

Reactivity of petroleum cokes. Z. I. Slutskaya, S. A. Akhmetov, R. N. Gimnev. Khim. i tekhn. topl. i masel 10 no. 7 46-49 JI '65.

PETROLEUM ENGINEERING

Determining average oil saturation in the flow of solution-gas expansion. M. T. Abbasov and others. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 3 78-84 '65.

PETROLEUM GEOLOGY

(see also subdivision under Bashkiriya, Caspian Sea region, Caucasus, Northern, Kinel' Depression; Orenburg Province, Russia, Southern, Second Baku, Tatar A. S. S. R., Ural Mountain region; Uzen' Oil Field, West Siberian Plain)

Contribution of A. D. Vrkhangelskii to the development of the problem of oil formation. N. B. Baasov. Vest. Mosk. un. Ser. 4 Geol. 20 no. 4 5-15 JI-Ag '65

Linetetskii, V. F. [Migration of oil and the formation of its pools] Migratsiya nefi i formirovaniye ee zalezhei. Kiev, Naukova dumka, 1965. 198 p.

Possibility and conditions governing the barotropic phenomena in gas and oil pools. A. B. Tsvetov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 3 85-88 '65.

Separation of fractured reservoirs according to the data of electric logging. L. I. Orlov, A. V. Ruchkin Razved. geofiz no 4 91-101 '65.

PETROLEUM INDUSTRY

(see also subdivision under Baku; Volgograd Province) Conference of the section of the preliminary refining, transportation, and storage of petroleum of the Scientific and Technical Council of the State Petroleum Committee attached to the State Planning Committee of the Council of Ministers of the U. S. S. R. A. A. Vagin. Transp. i khran. nefi i nefteprod. no. 7 30-31 '65.

Scientific studies on the industrial distribution of the petroleum production industry in the U. S. S. R. N. M. Nikolaevskii Sbor. nauch. inform. Nauch. sov. po osnov. fond. zap. vložh. i nov. tekhn. AN SSSR no. 7 105-108 '65.

Use of progressive additives for fuels and lubricants. "Petroleum and Gas" pavilion. A. I. Kotomina. Inform. blul. VDNKH no. 10 5 O '62.

Work on the automation of gas fields carried out by the Krasnodar Branch of the All-Union Scientific-Research and Design and Construction Institute of Overall Automation of the Petroleum and Gas Industries B. A. Kryzhanovskii Gaz. delo no. 7 34-37 '65

PETROLEUM INDUSTRY—FINANCE

Methodology for the analysis of the utilization of capital assets in petroleum processing enterprises. I. U. M. Malyshev, V. E. Tishchenko. Khim. i tekhn. topl. i masel 10 no. 8 34-40 Ag '65

PETROLEUM INDUSTRY—FIRES AND FIRE PREVENTION

Norms for the distribution and spacing of fire prevention equipment in the petroleum industry. I. S. Golomshok. Khim. i tekhn. topl. i masel 10 no. 9 37-38 S '65.

PETROLEUM INDUSTRY—SAFETY MEASURES

Pay unremitting attention to safety measures. A. I. Evseev. Transp. i khran. nefi i nefteprod. no. 8 18-21 '65.

PETROLEUM PIPELINES

Increasing the capacity of pipelines transporting Mangyshlak high-paraffin petroleum. A. I. Kazubov, S. G. Shcherbakov, V. I. Chernikin. Transp. i khran. nefi i nefteprod. no. 8 3-6 '65.

Pipeline transportation of viscoplastic high-pour petroleum requiring heating. A. I. Kazubov, S. G. Shcherbakov, V. I. Chernikin. Transp. i khran. nefi i nefteprod. no. 7 3-7 '65.

Reducing pipeline hoist stresses. Kh. F. Sultanmuratov, K. E. Rashchepkin, E. M. Iasin. Transp. i khran. nefi i nefteprod. no. 8 5-8 '65.

Two-shift organization of pipe laying and insulating operations. V. I. Speranskii. Stroi. trudov. 10 no. 9 23 S '65.

PETROLEUM PIPELINES—CORROSION

Double track stray-current drainage. E. A. Nikitenko. Transp. i khran. nefi i nefteprod. no. 7 12-13 '65.

PETROLEUM PIPELINES—MAINTENANCE AND REPAIR

Mechanical application of repair coatings on pipelines. M. K. Rameev, V. A. Krutinskiy, K. E. Rashchepkin. Transp. i khran. nefi i nefteprod. no. 8 25-28 '65.

PETROLEUM PRODUCTION

(see also subdivision under Azerbaijan, Emba region, Kazakhstan, Kuudag Oil Field; South Mangyshlak Oil Field)

Certain principles for mapping the development of oil pools. V. S. Kolbikov. Nauch.-tekhn. sbor. po dokh. nefi no. 27 90-94 '65.

Current state of the study and determination of the position of the water-oil contact in oil pools. S. T. Khoshaiko, V. I. Brenev. Nauch.-tekhn. sbor. po dokh. nefi no. 27 13-13 '65.

Determining the yield of wells in the presence of erosion, and thinning interlayers and screens in bottomhole zone. E. Tselik, I. U. M. Ostovskii. Nauch.-tekhn. sbor. po dokh. nefi no. 27 31-38 '65.

Efficient distribution of oil production between various points. I. U. M. Ostovskii and others. Nauch.-tekhn. sbor. po dokh. nefi no. 27 94-98 '65.

Planning general automatic control systems for oil-field installations. S. G. Markarov. Mash. i elekt. avtom. no. 8 25-27 '65.

Using a dynamograph for determining the efficiency of a pumpjack. G. Kh. Sharipov. Nauch.-tekhn. sbor. po dokh. nefi no. 27 98-100 '65.

PETROLEUM PRODUCTION, THERMAL see subdivision under South Alanyshik Oil Field

PETROLEUM PRODUCTS

Selection of liquid phases for high-temperature gas chromatography N. I. Lukova, N. Dimov, S. A. Leont'eva Khim. i tekhn. topl. i masel 10 no. 8 46-50 Ag '65.

PETROLEUM REFINERIES—DESIGN AND CONSTRUCTION (see also subdivision under Omsk)

Design and planning of new petroleum processing plants as technological complexes P. M. Babitskiy Khim. i tekhn. topl. i masel 10 no. 8 40-42 Ag '65

PETROLEUM REFINING

Calculating the number of crossing stations type plates in distillation I. U. M. Molokanov. Khim. i tekhn. topl. i masel 10 no. 8 42-48 Ag '65.

Determining the composition of aromatic hydrocarbons in petroleum fractions by means of gas-liquid chromatography. R. I. Sidorov and others. Khim. i tekhn. topl. i masel 10 no. 7 20-23 JI '65.

Method for selecting demulsifiers. B. I. Molodtsov, V. I. Rukhtseva. Khim. i tekhn. topl. i masel 10 no. 10 33-36 S '65.

Methodology for the separation and analysis of the natural emulsifiers of water and petroleum. V. P. Mazanenko, V. G. Bonkovskii. Khim. i tekhn. topl. i masel 10 no. 7 41-45 JI '65.

Selecting the flow sheet for the rectification of multi-component mixtures. A. A. Kondrat'ev, B. K. Mironov. Khim. i tekhn. topl. i masel 10 no. 7 53-55 JI '65.

PETROLEUM REFINING—BY-PRODUCTS

Industrial waste of petroleum refining is a valuable raw material. P. A. Borisenov, V. I. Kur'min. Stroi. nat. 11 no. 8 21-22 Ag '65.

PETROLEUM REFINING—DEWAXING

Increasing the yield of oil, using a dewaxing installation. Z. E. Ailev and others. Sbor. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neftoper, i khim. i prom. no. 2 14-20 '62.

PETROLEUM REFINING—EQUIPMENT AND SUPPLIES

Combined high-capacity unit for the primary distillation of petroleum. I. T. Bagirov. Khim. i tekhn. topl. i masel 10 no. 7 1-3 JI '65.

PETROLEUM RETINING—EQUIPMENT AND SUPPLIES (Continued)

Design and planning of new petroleum processing plants as technological complexes. P. M. Riabikh. *Khim. i tekhn. topl. i masel* 10 no. 8:40-42 Ag '65.

Experience in the work with IT9-2 and IT9-6 units equipped with DP-60 electronic knockmeters. I. N. Dmylova and others. *Khim. i tekhn. topl. i masel* 10 no. 7:60-62 JI '65.

Performance of preliminary oil refining settling tanks. A. K. Prikhod'ko. *Nefteprom. delo* no. 8:21-23 '65.

PETROLEUM RESEARCH

"Concerning the optimization and modeling of processes in petroleum processing and petroleum chemistry." I. P. Golovanova. *Khim. i tekhn. topl. i masel* 10 no. 6:61-62 Ag '65.

PETROLEUM WASTE—PURIFICATION

Use of ozone for the purification of waste waters. V. A. Alekseeva. *Khim. i tekhn. topl. i masel* 10 no. 8:27-28 Ag '65.

PETROLOGY

(See also subdivision under Altai Territory; Azerbaijan; Balkhash Lake region, Caucasus; Chupa region, Karelia; Fergana Valley; Gissari Range, Krivoy Rog Basin, Trans-Dni Dniatu)

Connection of the tectonics of residual magnetization with conditions governing the formation of rocks. D. M. Pecherskii. *Geol. i geofiz.* no. 8:66-70 '65.

Effect of clayiness on the specific resistance of arenaceous rocks. D. V. Mel'nikov. *Prikl. geofiz.* no. 4:185-201 '65.

PETROLOGY—CONGRESSES

Conference of the Bureau of the Interdepartmental Petrographic Committee. B. V. Makeev. *Izv. AN SSSR. Ser. geol.* 10 no. 9:150-151 S '65.

Inter-institute seminar on studying the properties of rock in a triaxial stressed state. B. V. Vlasenko. *Vop. gos. d. vi.* no. 17:110-112 '63.

Some problems of petrology at the 22d session of the International Geological Congress. *Geol. i geofiz.* no. 8:151-151 '65.

PETROPAPLOVSK-KAMCHATSKIY REGION—THERMAL WATERS

Pollak, B. G., E. A. Vakin, and E. N. Ovchinnikova. (Hydrogeothermal conditions in the volcanic area of Kamchatka (the city of Petropavlovsk). *Gidrotekhnicheskoe ustroystvo vulkanicheskogo rona Kamchatki (g. Petropavlovsk)*. Moskva, Nauka, 1965. 93 p.

PETROV, EVGENII, 1903-1942

Accusation of the author's position. M. Chudakova. *Vop. lit.* 0 no. 8:203-205 Ag '65.

PETROVSKII, MAKSYM FEDOROVICH

On pasture paths. I. Igoshin. *Sov. vojn* 47 no. 13:42-44 JI '65.

PETROZAVODSK—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

[Always with people; from experience in the work of departmental party organizations and party groups of the city of Petrozavodsk] *Vseгда s ljud'mi iz opyta raboty iskhodnykh partiynykh organizatsii i partgrupp gor. Petrozavodsk*. Petrozavodsk, Karelskoe knizhnoe izd-vo, 1963. 50 p. (CS-1)

PETROZAVODSK—MICA INDUSTRY WORKERS

Exercises by a volunteer. E. Sumkina. *Sov. profsoyuz* 21 no. 10:14-16 O '65.

PEUCEDANIN

Peucedanin treatment of patients with alopecia areata and a totalis. M. M. Zheltakov. *I N Vinokurov. Sov. med.* 20 no. 8:128-129 Ag '65.

PHAGOCYTOSES

Dynamics of the phagocytic function of leucocytes in the blood of patients with neoplastic diseases using fractionated and continuous methods of radiotherapy. A. S. Ozol. *Nauch. trudy Kaz. gos. med. inst.* 11:500-510 '64.

Effect of sodium nicotinate, riboflavin and folic acid on phagocytosis in the process of X-ray therapy in malignant tumors. E. M. Chukiev. B. I. A. Uddik. *Med. rad.* 10 no. 7:61-65 JI '65.

Effect of the natural gastric juice of a dog on the phagocytic function of the reticuloendothelial system in rabbits. L. L. Badalova, G. G. Stepanov, S. S. Manukian. *Izv. AN Arm. SSR. Biol. nauki* 18 no. 8:69-73 Jo '65.

Phagocytic activity of leucocytes in acute experimental radiation sickness. V. A. Almazov, N. N. Mamayev. *Radiofizika* 5 no. 4:533-535 '65.

PHARMACOLOGY

Prevention and treatment of sequelae of a prolonged interruption of hepatoportal circulation. N. V. Korostovtseva. *Pat. fiziol. i ekspt. ter.* 0 no. 3:25-30 My-Je '65.

Prevention of myocardial lesions by means of pharmacological substances. V. V. Zakusov. *Vest. AN SSSR* 20 no. 5:52-57 '65.

PHARMACOLOGY—ABSTRACTS

[Pharmacology, Toxicology] *Ref. zhur. Faun. Toks.* no. 18 S '65.

PHARYNX—CANCER

X-ray symptoms of cancer of the pharynx; based on observations on 100 patients. E. A. Likhtenshtein, E. S. Gorunova. *Vest. rent. i rad.* 10 no. 1:48-52 JI-Ag '65.

PHASE CONVERTERS

Synthesis of wide-band phase shifters. N. F. Semenina. *Sbornik LIZHIT* no. 224:63-74 '64.

PHASE MICROSCOPY

Detection of Mycobacterium tuberculosis by fluorescence and phase contrast microscopy. M. G. Berim and others. *Nauch. trudy Kaz. gos. med. inst.* 14:101-102 '64.

PHASE RULE AND EQUILIBRIUM

Akademiya nauk URSS. Kiev. [Phase transformations in metals and alloys] *Fazovyie prevrascheniya v metallakh i splavakh* [Kiev, Naukova dumka, 1965] 174 p. (Respublikanskii mezhvedomstvennyi sbornik. Ser. fiz. "Metallofizika")

Analyzing the composition of catalysts and studying the phase equilibrium with diethyl glycol. A. M. Avdey, V. N. Pokorskiy. *Khim. i tekhn. topl. i masel* 10 no. 7:12-16 JI '65.

Binary oxides in the system $ZrO_2 - Nb_2O_5$. V. K. Trunov and others. *Izv. AN SSSR. Neorg. mat.* 1 no. 7:1152-1151 JI '65.

Calculating the equilibrium of the reaction of liquid phase hydration of isobutylene. D. N. Chapits, K. D. Samokhvalova, I. A. Titulaev. *Khim. prom.* 12 no. 9:653-655 S '65.

Constitution diagram of the system titanium - phosphorus. V. N. Eremin, V. D. Listovnychi. *Dop. AN URSS* no. 9:1176-1179 '65.

Constructing canodes in two-phase volumes of quaternary constitutional diagrams by the microhardness method. A. M. Zakharov. *Izv. vys. ucheb. zav., tsvet. met.* 8 no. 3:121-126 '65.

Dependence of the kinetics of rapid heating on the phase constitution of cast iron. I. N. Kidin, T. S. Morozova. *Izv. vys. ucheb. zav., zhelez. met.* 8 no. 9:176-170 '65.

Diagram of state for the system gallium arsenide-tin. A. P. Vasil'ev, A. P. Vintkin. *Izv. vys. ucheb. zav., fiz.* 8 no. 3:152-153 '65.

Diagram of states in the systems $Na_2WO_4 - SrWO_4$ and $Na_2WO_4 - BaWO_4$. I. N. Smirnova, L. P. Kisilakov. *Izv. AN SSSR. Neorg. mat.* 1 no. 7:1152-1105 JI '65.

Differential equations for the distribution constancy curves ($x/dx/dt = const$) of a component in the ternary system between coexisting solution and ideal vapor. Part I. M. P. Samoylov, A. N. Matishchev. *Zhur. fiz. khim.* 39 no. 8:1070-1077 Ag '65.

Effect of ferroilcon additions on the phase composition and properties of graphite chamotte products. T. A. Alekandrovna, I. A. Prokhorova. *Ogneupory* 30 no. 9:38-42 '65.

Effect of impurities on the singularity of the thermodynamic potential at the liquid - water critical point. I. U. Chashkin, V. V. Gorbunova, A. V. Voronin. *Zhur. eksp. i teo. fiz.* 49 no. 2:433-437 Ag '65.

Effect of temperature and composition on the electric conductivity of β - and γ -phases in the system tantalum - carbon. *Fiz. met. i metalloved.* 20 no. 2:243-250 Ag '65.

Evaluating the amount of anomalous structure in steels. V. E. Ol'shanetskii, B. S. Natopov. *Izv. vys. ucheb. zav., zhelez. met.* 8 no. 9:158-162 '65.

Extension of the solidus line into the subcritical region. I. V. Solli, L. P. Liman. *Izv. vys. ucheb. zav., tsvet. met.* 8 no. 4:117-122 '65.

Liquid - vapor phase equilibrium in some binary mixtures present in the products of oxo synthesis from propylene at atmospheric pressure. L. A. Serafimov, V. S. Timofeev, S. V. Lyov. *Zhur. fiz. khim.* 39 no. 8:1890-1894 Ag '65.

Liquid - vapor phase equilibrium of the system propylene nitrogen. I. U. Biagol, N. A. Orbinskii. *Zhur. fiz. khim.* 39 no. 8:2022-2024 Ag '65.

Metallic phases in titanium alloys. Metalloved. 1 term. obr. met. no. 8:57-60 Ag '65.

Mineralogical phase characteristics of industrial alumina. A. A. Chistiakova. *TSvet. met.* 38 no. 8:50-57 Ag '65.

Phase changes in the lining of reactors of the production of carbon black. Z. D. Zhukova, N. V. Prik, V. G. Enin. *Ogneupory* 30 no. 9:28-32 '65.

Phase diagram of the system $Cs_2Rb_2-NO_3$. A. I. A. Dantzig. *Fiz. tver. tela* 7 no. 8:2270-2281 Ag '65.

Phase equilibrium in the ternary system titanium - aluminum - oxygen. V. V. Glazova. *Dokl. AN SSSR* 164 no. 3:587-570 S '65.

Structural diagrams of the hardening of ferrite-pearlite

titanium - vanadium - silicon system. E. L. Gladyshevskii and others. *Izv. AN SSSR. Neorg. mat.* 1 no. 7:1115-1120 JI '65.

Unit for studying liquid - vapor equilibrium in the system oxygen - argon - nitrogen. G. B. Naumkin. *Zhur. fiz. khim.* 39 no. 8:2009-2015 Ap '65.

X-ray study of certain mixed ferrites. A. I. Andrievskii, G. P. Mochalnik, I. U. G. Ushakov. *Fiz. met. i metalloved.* 20 no. 2:210-220 Ag '65.

Zirconium - cobalt - boron system. I. U. B. Kur'ina and others. *Izv. AN SSSR. Neorg. mat.* 1 no. 7:1112-1114 JI '65.

PHASEMETER

The F-200 phaseometer. I. D. Kolik, B. S. Tashchev, A. A. Kulcinis. *Izv. fiz. khim.* no. 8:25-27 Ag '65.

PHENOL CONDENSATION PRODUCTS

Kinetics of the polycondensation of bis-phenols with isocyanate acid chloride. S. V. Vinogradova and others. *Dokl. AN SSSR* 164 no. 3:563-566 S '65.

Phenol-formaldehyde polymers. Effect of the structure of bis-phenols on polymer properties. I. U. T. Doroshenko, V. V. Korzhak, V. A. Sergeev. *Plast. massy* no. 8:9-11 '65.

Possibility of using high-boiling shale phenols in the manufacture of the most stable phenol-formaldehyde resins. M. L. Vasil'ev. *Khim. i tekhn. topl. i masel, prod. i perer.* no. 11:303-311 '61.

Studying the products of the combination of phenol-formaldehyde resins with polyvinyl chloride. L. V. Pevzner and others. *Plast. massy* no. 8:13-17 '65.

Thermomechanical properties of phenol-ether compositions in monolithic and foamed states. V. A. Popov, I. S. Danilov, I. U. S. Lipatov. *Plast. massy* no. 8:30-35 '65.

PHENOLASES

Role of polyphenoloxidase from the kidneys of animals in polyphenol and ascorbic acid oxidation. O. M. Platonov, V. I. Luchinov. *Ukr. biokhim. zhur.* 37 no. 4:549-551 '67.

PHENOLOGY

Methodology of phenological observations of plants of the Pinaceae family. N. A. Borodina. *Dokl. Glav. bot. sadu* no. 57:11-19 '65.

PHENOLS

Analytical potentialities of anilicidal-2-aminophenol. Report 1. Behavior of anilicidal-2-aminophenol in aqueous solutions. A. A. Tumanov, V. S. Klimychev. *Zhur. anal. khim.* 20 no. 9:880-887 '65.

Application of catalytic dehydroxylation in the analysis of shale phenols with the gas chromatography method. J. Lillie. *Khim. i tekhn. topl. i masel, prod. i perer.* no. 13:258-261 '61.

Basic requirements for shale phenols and formaldehyde adhesives obtained from them. H. Nukse. *Khim. i tekhn. topl. i masel, prod. i perer.* no. 13:277-281 '61.

Composition of shale phenols boiling at a temperature up to 300°C and obtained from the tar of various aggregates of the thermal processing of oil shales. J. Lillie, A. Mund, H. Kündel. *Khim. i tekhn. topl. i masel, prod. i perer.* no. 13:265-276 '61.

Distribution of water-soluble phenols in the fractions of condensing tar. E. Lillie, L. Koppa. *Khim. i tekhn. topl. i masel, prod. i perer.* no. 13:201-212 '64.

Distribution of water-soluble phenols in the system shale tar - waste water. H. Kivimaa, V. V. Sheloumov. *Khim. i tekhn. topl. i masel, prod. i perer.* no. 13:213-120 '61.

Unilateral effect of phenols and their role in plant immunity. T. M. Ivanova, M. A. Davydova, B. A. Rubin. *Dokl. AN SSSR* 164 no. 3:705-708 S '65.

Kinetics of phenol chlorination. S. V. Zubarev and others. *Khim. prom.* 41 no. 8:559-570 Ag '65.

Possibility of improving the quality of oil shale phenols recovered from waste waters. H. Mutsik, A. Tomberg. *Khim. i tekhn. topl. i masel, prod. i perer.* no. 13:198-202 '64.

Possibility of using tar phenols in the production of sulfo syngases. L. Kalde. *Khim. i tekhn. topl. i masel, prod. i perer.* no. 13:295-302 '64.

Reactions of chloromethyl alkanes and siloxanes with diatomic phenols. K. A. Andrianov, V. I. Pakhomov, N. E. Lapteva. *Plast. massy* no. 8:20-22 '65.

Reaction of 2, 4, 6-trialkylphenols with perfluorinated acid. V. V. Eshkov, G. A. Zlobina. *Izv. AN SSSR. Ser. khim.* no. 8:1675-1677 '65.

Recovery of water-soluble phenols from shale tar with the washing method. H. Kivimaa, V. V. Sheloumov. *Khim. i tekhn. topl. i masel, prod. i perer.* no. 13:217-220 '64.

Separation of phenols from shale tar by the method of compatible extraction. K. V. Chernysheva and others. *Khim. i tekhn. topl. i masel, prod. i perer.* no. 13:310-324 '64.

PHENOLS—PHYSIOLOGICAL EFFECT

Method of inducing autogenic convulsions. E. A. Zakharova. *Pat. fiziol. i ekspt. ter.* 0 no. 3:78-79 My-Je '65.

PHENOLS—TOXICOLOGY

Concussion of data on direct and indirect calorimetry in distribution of energy metabolism and respiration. E. S. Gramenitskaya. *Patfiziol. i eksp. terap.* 9 no. 3 30-31 My-Je '65.

PHENOLSULFOPHTHALEIN

Distribution of phenol red between the muscle and the medium in the solutions of various tonicity. N. N. Nikol'skii, N. A. Vinogradova. *Tsitologiya* 7 no. 4 266-270 Ji-Ag '65.

PHENOTHIAZINE

Effect of some preparations of the phenothiazine series on the regeneration of the bone tissue. N. F. Krut'ko. *Pat. fiziol. i eksp. terap.* 9 no. 4 80-82 Ji-Ag '65.

PHENYLENEDIAMINE—TOXICOLOGY

Comparative evaluation of the toxicity of some nitro and amino derivatives of the aromatic series (p-nitroaniline, 1-nitro-2,4-phenylenediamine, o-vinyl-p-nitroaniline and 1-chloro-2,4-phenylenediamine). G. N. Zueva, M. S. Tolgskaya. *Tox. nov. prom. khim. veshch.* no. 7 138-151 '65.

PHILIPPINES—GEOLOGY, STRUCTURAL

Tectonics of the Philippine Archipelago. V. A. Shvol'man. *Trudy GIN* no. 113 47-87 '64.

PHILOSOPHERS

Our authors. *Vop. filos.* 19 no. 9 190 '65.

PHILOSOPHY

(see also subdivision under Ukraine; United States)
Kant, Immanuel. (Works in six volumes. Translated from the German.) *Sochineniya v shesti tomakh.* Moskva, Mysl'.

Vol. 4. Pt. 1. 1965. 543 p. (Filosofskoe nasledie)

Lavrov, P. L. [Philosophy and sociology; selected works in two volumes.] *Filosofiya i sotsiologiya, izbrannye proizvedeniya v dvukh tomakh.* Moskva, Mysl'.

Vol. 1. 1965. 751 p. (Filosofskoe nasledie)

Lenin, V. I. [Philosophical notebooks.] *Filosofskie tetrady.* Moskva, Politizdat, 1965. 752 p.

PHILOSOPHY—STUDY AND TEACHING

(see also subdivision under Leningrad)
[Methodological counsel on philosophy.] *Metodicheskie sovety po filosofii.* Moskva, Politizdat, 1965. 301 p.

PHLORIZIN

Phlorizin as a factor decreasing fertility of soils in orchards. Kh. I. Alfidia. *Agrokhimiya* no. 8:109-112 S '65.

PHONETICS

Electric method of recording the movements of the tongue in articulating consonants. I. U. Kuz'min. *Probl. kosm. biol.* 4 560-572 '65.

PHONONS—SCATTERING

Effect of the mutual entrainment of electrons and phonons on the electroconductivity of semimetals and degenerate semiconductors in a strong electric field. V. A. Chuen'ov. *Fiz. tver. tela* 7 no. 8 2469-2478 Ag '65.

PHOSPHATASES

Changes in alkaline and acid phosphatases induced by Co^{60} γ -irradiation effect on their solutions. E. B. Nikol'skaya, E. G. Prokof'eva. *Radiobiologiya* 5 no. 4 618-619 '65.

Significance of experimental histological and chemical studies of peroxidase and acid phosphatase in the diagnosis of multiple sclerosis. A. L. Leonovich. *Dokl. AN BSSR* 9 no. 6 422-424 Je '65.

PHOSPHATE COATING

Effect of the quality of washing waters on the phosphating process of steel and its corrosion resistance. V. N. Rastrepin, S. Khegai. *Lakokras. mat. i kh. prim.* no. 4: 72-73 '65.
Spot welding of steel with a phosphate coating. L. A. Rylov, N. M. Budnik. *Svar. proizv.* no. 9 19-20 S '65.

PHOSPHATES

Determination of phosphate ions and their separation for the determination of alkaline metals. I. V. Tananaev, N. A. Dzhabishvili. *Zhur. anal. khim.* 20 no. 9:1019-1020 '65.

Physiological significance of polyphosphates for microorganisms. N. M. Vorblina. *Usp. mikrobiol.* 1 75-100 '64.

Rapid chronocoulometric method for determining ammonia nitrogen and phosphates in aqueous solutions. T. A. Khudinskaya, V. M. Vostokov, A. P. Kreshkov. *Khim. v sel. khoz.* 3 no. 8 14-21 Ag '65.

PHOSPHATIDES

Study of the content and regeneration rate of individual phospholipid fractions in the brain of healthy rats and those with hypoxia. V. I. A. Dvorkin, D. A. Chetverikov, A. A. Shmelev. *Ukr. biokhim. zhur.* 37 no. 4:520-537 '65.

PHOSPHINE

Alkylthiophosphine sulfides. Report 1: Synthesis and properties of alkylthiophosphine sulfides. O. N. Grishina, L. M. Bezzubova. *Izv. AN SSSR, Ser. khim.* no. 9 1618-1623 '65.

PHOSPHINE OXIDE

Reaction of uranium halides with tri-n-butylphosphine oxide. S. M. Sinitsyna, N. M. Sinitsyn. *Dokl. AN SSSR* 164 no. 2 351-353 S '65.

Synthesis of β -tetraphosphine oxides. T. I. A. Medved' and others. *Izv. AN SSSR Ser. khim.* no. 9:1707-1708 '65.

PHOSPHINIC ACID

Homopolycondensation of di-(β -aminoethyl ester) of methylphosphinic acid. P. M. Zavin, V. V. Razumovskii. *Vysokom. soed.* 7 no. 8 1415-1416 Ag '65.

Synthesis of dialkyltriorganosilylmethoxymethyl phosphinates and their hydrolytic stability. N. F. Orllov, V. P. Miloshevich. *Dokl. AN SSSR* 164 no. 2:344-346 S '65.

Thermal and oxidative degradation of polyalkylenephosphinic acids and their salts. V. V. Rode and others. *Vysokom. soed.* 7 no. 5 928-932 My '65.

Thermal degradation of polyalkylenephosphinic acids and their salts. V. V. Rode and others. *Vysokom. soed.* 7 no. 8 1452-1455 Ag '65.

PHOSPHINIC ACID—PHYSIOLOGICAL EFFECT

Comparative characteristics of the biological and antimicrobial effect of armin and its chlorinated analogues. S. A. Goe'kova and others. *Nauch. trudy Kaz. gos. med. inst.* 14:161-162 '61.

PHOSPHINIC ACID—TOXICOLOGY

Search for protective and therapeutic substances in poisoning with some organophosphorus compounds. L. S. Afonakaya, I. V. Zalkomskova. *Nauch. trudy Kaz. gos. med. inst.* 14:85-86 '64.

PHOSPHINIC CHLORIDE

Polycondensation of 4-chlorobutene-2-phosphinyl dichloride with dihydroxy compounds. A. N. Pudovik, E. A. Igumayeva. *Vysokom. soed.* 7 no. 5 808-812 My '65.

PHOSPHINOTHIOIC ACID

Anticholinesterase properties of some O-ethyl-S-alkyl-methylthiophosphinates. Report No. 2: Kinetics of inhibition of cholinesterase and acetylcholinesterase with O-ethyl-S-n-alkylmethyl thiophosphinates. E. V. Rozengail, E. I. Godyna, N. N. Godavikov. *Izv. AN SSSR, Ser. khim.* no. 8:1370-1375 '65.

PHOSPHOGLUCOSE ISOMERASE

Phosphoglucose isomerase activity in the subcellular fractions of the heart muscle in adrenaline myocarditis. M. A. Protchenko. *Ukr. biokhim. zhur.* 37 no. 4 565-573 '65.

PHOSPHOLIPASES

Lecithinase activity of actinomycetes, producers of antibiotics. T. A. Riabushko. *Dokl. AN BSSR* 9 no. 7: 480-482 Ji '65.

PHOSPHONIUM COMPOUNDS

Effect of pressure of the thermal decomposition of methyltriphenoxy phosphonium iodide. M. G. Konkibeig, I. Z. Fainshtein. *Izv. AN SSSR, Ser. khim.* no. 8:1460-1471 '65.

PHOSPHORAMIDIC ACID

Amidimidol tautomerism of N-phosphoryl amidophosphates and phosphinates. E. I. Matrosov, V. A. Giltarov, M. I. Kabachnik. *Izv. AN SSSR, Ser. khim.* no. 6:1331-1336 '65.

PHOSPHORESCENCE

One of the phosphorescence of terephthalic acid. H. M. Kysliak, H. M. Lysenko. *Ukr. fiz. zhur.* 10 no. 9:1015-1018 S '65.

Phosphorescence spectra of acenaphthene, diphenyl, and carbazole. P. A. Teplov, V. V. Trusov. *Izv. vys. ucheb. zav. fiz.* 8 no. 3:69-75 '65.

PHOSPHORIC ACID

Isolation of acetyl phosphate formed in the liver homogenates following transformation of citric acid. M. P. Gulyi, T. N. Pechenova, L. I. Matusevich. *Dokl. AN SSSR* 164 no. 3:686-687 S '65.

Kinetic current value of $H_2PO_4^-$ anion dissociation. V. N. Korshunov. *Elektrokhimika* 1 no. 8:1001-1004 Ag '65.

Obtaining phosphoric acid by the decomposition of magnesium-containing phosphorites with fluosilicic acid. S. I. A. Shpurt and others. *Khim. prom.* 42 no. 8:674-678 S '65.

PHOSPHORITES

(see also subdivision under Altai Mountains, Sayan Mountains; Siberia, Eastern)

Capitalist countries' foreign trade in phosphorites. V. G. Kiklov, BIKI [Prilozh.] no. 14:1-14 S '65.

PHOSPHOROUS ACID

Action of phosphorous acid esters on α -chloroacetophenone nitroso alkanes. A. A. Gorklan, B. I. Diakina. *Izv. AN SSSR Ser. khim.* no. 9 1400-1406 '65.

Acetates of dialkylphosphorous acids with amino alcohols. B. A. Averbach, I. N. Dianova. *Izv. AN SSSR Ser. khim.* no. 9 1504-1501 '65.

Nature of di- α -cyanomethyl esters of phosphorous acid. B. A. Averbach and others. *Izv. AN SSSR Ser. khim.* no. 8:1389-1396 '65.

Properties of ethylenes of glycolphosphorous acid. N. P. Gorchkin, I. N. Dianova. *Izv. AN SSSR Ser. khim.* no. 8:1502-1501 '65.

PHOSPHORS

Residual dielectric effect of electroluminescence in ZnS-electroluminescence. P. I. Veigumov, R. Sh. Enkeeva. *Fiz. tver. tela* 7 no. 8:276-278 Ag '65.

PHOSPHORS—SPLCTRA

Effect of activator interaction and the duration of γ -irradiation on the absorption spectra of $NaCl$ - Ca , Fe -phosphors. O. T. Khitvuk. *Ukr. fiz. zhur.* 10 no. 9 1007-1013 S '65.

Spectral distribution of the yield and the absolute luminescence yield of some organic luminescence. Z. I. Morgenshteyn, V. V. Novikova, M. I. Pletskina. *Zhur. prikl. spekt.* 3 no. 1 19-25 Ji '65.

PHOSPHORUS

(see also subdivision under Nikol'skiy region, Ukraine)
Possibility of an accelerated extraction of "mobile" phosphorus, according to V. P. Makhigin, by means of ultrasound. V. V. Vasil'ev, P. G. Gribanov, P. P. Puchaninova. *Vest. LGU* 20 no. 10:107-112 '65.

PHOSPHORUS—EFFECT ON PLANTS see Plants; Effect of phosphorus on

PHOSPHORUS DIOMIDES

Interaction between esters of β -tetrahydroxyphosphonic acid and the α -alkyl-substituted derivatives and phosphorus trihydride. L. P. Bel'tukh and others. *Izv. AN SSSR, Ser. khim.* no. 9 1670-1671 '65.

PHOSPHORUS CHLORIDES

Complex formation of vinyl ethers with pentavalent phosphorus chlorides. V. S. Tsvetina, G. M. Kozlov, M. A. Khramudina. *Dokl. AN SSSR* 164 no. 3:501-502 S '65.

PHOSPHORUS-COBALT ALLOY PLATING see Cobalt phosphorus alloy plating

PHOSPHORUS IN THE BODY

Optimal calcium and phosphorus ratio in silage for crop rotations for dairy cows. M. I. Kholov. *Dokl. Akad. sel. khoz. nauk* no. 8:27-31 Ag '65.

PHOSPHORUS INDUSTRY

Purification of the waste water of phosphorus plants. I. I. Abtchenkov, T. A. Gracheva, M. V. Minin. *Vest. sel. khoz.* no. 8:1-3 S '65.

PHOSPHORUS ISOTOPES

Distribution in the animal body of colloidal solutions of radioactive chromium phosphate and acetyl phosphate following various methods of administration. E. S. Kiseleva, S. L. Danilova. *Med. rad.* 9 no. 11:29-36 N '64.

Distribution of P^{32} in the normal breast; according to external detection data. L. P. Melenchuk. *Med. rad.* 9 no. 11:23-28 N '64.

Tagging young breast by radioactive phosphorus. V. V. Milekhin. *Trudy Kaupina* 20:93-106 '65.

PHOSPHORUS ISOTOPES—PHYSIOLOGICAL EFFECT

Changes in the properties of bacteria of the enteric group under the effect of radioactive phosphorus P^{32} . Z. G. Pershina, I. G. Vasil'eva, S. M. Solov'ev. *Zhur. mikrobiol., epid. i immunit.* 42 no. 8:147-143 Ag '65.

PHOSPHORUS METABOLISM

Carbohydrate and phosphorus metabolism in reactive states. E. B. Mikhina, N. A. Ivanov, N. M. Shmel'dt. *Probl. obshchei i sud. psikh.* no. 14:237-245 '64.

Distribution in the animal body of colloidal solutions of radioactive chromium phosphate and acetyl phosphate following various methods of administration. E. S. Kiseleva, S. L. Danilova. *Med. rad.* 9 no. 11:29-36 N '65.

Effect of potassium and chlorine on phosphorus absorption and phosphorus metabolism in corn plants. N. N. Lozhkina, G. V. Udovenko. *Dokl. AN BSSR* 9 no. 6 401-403 Je '65.

Metabolism of phosphorus compounds in the small intestine of mice following starvation and repeated irradiation. A. S. Orlov. *Radiobiologiya* 5 no. 4:528-532 '65.

Physiological significance of polyphosphates for microorganisms. N. M. Vorblina. *Usp. mikrobiol.* 1:75-100 '64.

Role of boron in the processes of phosphorylation and respiration of plants. A. P. Kybalenko. *Dop. ANURSU* no. 8:1231-1230 '65.

PHOSPHORUS ORGANIC COMPOUNDS see Organic-phosphorus compounds

PHOSPHORUS OXIDES

Kinetics of the cyclization of natural and synthetic polyacrylamides induced by phosphorus pentoxide. I. A. Tulin and others. *Vysokom. soed.* 7 no. 6 951-957 Je '65

PHOSPHORYLASE

Phosphorylase activity in the liver of chick embryo in the normal state and under the effect of glyco-corticoids. Z. P. Zheladkova, *Ukr. biokhim. zhur.* 37 no. 1 595-601 '65.

PHOSPHORYLATION

Effect of γ -aminobutyric acid on the oxidative phosphorylation in mitochondria of the brain. G. Kh. Ibratova, S. G. Mutsaers, M. G. Ungandzhan, *Vop. biokhim. moz.* 1 15-26 '61.

Effectiveness of oxidative phosphorylation in yeast mitochondria. R. A. Zviagil'skaya, A. V. Kotelnikova. *Dokl. AN SSSR* 164 no. 2 118-120 S '65

Mechanism of the action of hormones on the process of oxidative phosphorylation in heart mitochondria. Rachev Rachev, *Vest. LGU* 20 no. 15 105-113 '65

Synthesis of cellulose phosphites by the reaction of monomethyl phosphite with cellulose and their subsequent transformations. D. A. Predvoditelov, E. E. Yufanov, Z. A. Rogovin. *Vysokom. soed.* 7 no. 6 1005-1009 Je '65

PHOTOCHEMISTRY

Effect of illumination on the adsorptive capacity of cerium oxides. L. L. Vasov, I. P. Solontayn, A. N. Terentova, *Dokl. AN SSSR* 164 no. 1 122-124 S '65

Forming images on pyroceramics. E. A. Blevetskii, E. T. Glazunovskaya, *Stek. i ker.* 22 no. 7 12-13 Ji '65

Photochemical oxidation-reduction reaction of safranine T with oxalates. I. A. Kalinovskaya, *Zhur. fiz. khim.* 31 no. 8 2038-2042 Ag '65

Photochemical reaction in the solid layer of polyvinyl cinnamate. I. U. E. Kirsh, K. S. Lialitov, K. K. Kalininskii, *Zhur. fiz. khim.* 30 no. 8 1886-1889 Ag '65

Photodesorption and photoabsorption of oxygen on zinc oxide. Analysis of products. L. L. Basov, I. P. Solontayn, *Kin. i kat.* 6 no. 4 762-764 Ji-Ag '65

Photolysis of 1,1'-ferrocenedicarboxylic acid. A. N. Nersisyan and others. *Izv. AN SSSR, Ser. khim.* no. 9 1694-1695 '65

Study of alcohol solutions of dyes and pigments in the presence of polyamide. A. V. Kariakina, L. A. Chmutina, *Zhur. fiz. khim.* 30 no. 8 1895-1899 Ag '65

PHOTOELASTICITY

Investigation of stresses in shearing and shearing with pressure by the photoelastic method. A. N. Petrov, A. I. Putilov, *Izv. vys. ucheb. zav., stroit. i akhiz.* 8 no. 9 129-134 '65

Photoelastic effect in swollen polydimethylsiloxane. V. N. Tsvetkov, A. E. Gvishchenko, *Vysokom. soed.* 7 no. 5 817-822 My '65

Studying stress distribution in cast iron tubing support of vertical shafts by the photoelasticity method. V. F. Dobovshov, G. A. Ievlev, *Strokh. stroit.* 9 no. 10 36-39 O '65

Studying the stressed state of rocks around mine workings with the help of the optical method. V. F. Trumbachev, L. S. Molodtsova, *Vop. gor. davl.* no. 17 55-65 '63

Using the photoelastic method in investigating the stressed state around elliptical holes in cylindrical shells. I. U. I. Volozhnikov, S. G. Shokot'ko, *Prkl. mekh.* 1 no. 8 63-67 '65

PHOTOELECTRIC CELLS

Krolevets, K. M. [Position-sensitive photocells] *Shtet. knuzh. fotoelektron. Kyiv, Tekhnika*, 1965. 139 p. (Biblioteka z napravovoi i elektroniki)

Magnetic modulator for a photoelectric cell. L. Gurvich, *Radio* no. 7 43 Ji '65

Photoresistors from thallium bromide and thallium iodide with parallel placement of the elements. B. P. Kozhev, M. K. Kovaleva, *Izv. LETI* no. 52 107-114 '64

Statistical characteristics of a photoelectric current in a fluctuating luminous flux. A. A. Kuriksha, *Radiotekh. i elektron.* 10 no. 9 1600-1608 S '65

PHOTOELECTRIC MEASUREMENTS

Differential photometry with the use of photoelectric colorimeters with optical compensation. V. F. Barkovskii, L. M. Khartova, *Zhur. anal. khim.* 20 no. 9 911-917 '65

Photocells for measuring high-power light pulses. L. I. Androeva, B. M. Stepanov, *Izbr. tekhn.* no. 8 38-43 Ag '65

Photoelectric level regulators. S. G. Chelkaid and others. *Khim. mashinost.* no. 1 136-138 '65

PHOTOELECTRICITY

Effect of an electric field, illumination, and adsorbed molecules on the spectra of a condenser photo-cathode, m.f. in TiI, AgBr, and ZnO. I. A. Akimov, *Dokl. AN SSSR* 164 no. 3 533-536 S '65

Microphotobatteries or photocells? L. I. Androevich, V. M. Rubinov, I. U. M. Ibratova, *Dokl. AN SSSR* 164 no. 3 529-532 S '65

Spectral distribution of the internal photoeffect in hexagonal selenium at a low temperature. B. T. Kolomiets, V. G. Romanov, P. K. Khodosevich, *Fiz. tver. tela* 7 no. 2 2334-2335 Ag '65

Statistical characteristics of a photoelectric current in a fluctuating luminous flux. A. A. Kuriksha, *Radiotekh. i elektron.* 10 no. 9 1600-1608 S '65

Use of the X-ray photoemission method in studying the passage of medium-energy electrons through material media. L. G. Il'chenko, V. N. Shchegolev, M. A. Rumah, *Vest. LGU* 20 no. 16 66-73 '65

PHOTOGRAPH COLLECTIONS

Practices in organizing a photograph collection in the science and technology information department of the Central Research Institute for Mechanization and Power Engineering in the Forest Industry. D. B. Rokhlenko, *NIT* no. 8 11-12 '65

PHOTOGRAPHIC EMULSIONS

Flow of several layers of viscous liquid on the inclined plane of the coating machine extruder. A. I. Babchin, S. M. Levi, *Zhur. nauch. i prikl. fot. i kin.* 10 no. 5 311-317 S-O '65

Investigating the hardening of emulsion layers. Part 3: Determining temperature of the ceasing of emulsion layers at temperatures over 100°C. S. M. Levi, S. V. Rudenko, *Zhur. nauch. i prikl. fot. i kin.* 10 no. 5 395-397 S-O '65

PHOTOGRAPHIC INTERPRETATION

Kharii, M. G. [Interpretation of aerial photographs in "forisly"] *Lesokhozislavstvennoe dezhnirovanie arosimkov* Moskva, Nauka, 1965. 139 p. (DNAL)

Preliminary interpretation of aerial soil photographs in making large-scale soil maps. V. A. Kalinina, *Pochvovedenie* no. 8 81-88 Ag '65

PHOTOGRAPHIC SENSITOMETRY

Investigating the method of testing photographic materials with diffusion measurements. Part 1: Analysis of the diffusometric method. P. Kh. Puug, *Zhur. nauch. i prikl. fot. i kin.* 10 no. 5 354-360 S-O '65

Photographic diffusometry method and its application in evaluating the film definition. Part 1: Contrast function, its measurement and analysis. G. A. Isomelin, *Zhur. nauch. i prikl. fot. i kin.* 10 no. 5 378-380 S-O '65

PHOTOGRAPHIC SHUTTERS see Shutters, Photographic

PHOTOGRAPHY

Kirillov, N. I. [Photography problems] *Problemy fotografii* Moskva, Iekussivo, 1965. 221 p.

PHOTOGRAPHY—DEVELOPING AND DEVELOPERS

Dependence of a rapid black and white photographic image development process on the pH. V. A. Veidenbakh, P. I. Levina, *Zhur. nauch. i prikl. fot. i kin.* 10 no. 5 317-351 S-O '65

Development superadditivity in phenolone glycine developers. G. P. Fainerman, *Zhur. nauch. i prikl. fot. i kin.* 10 no. 5 394-395 S-O '65

Effect of the developer solution volume on its oxidation in continuous development processes. N. I. Kirillov, *Zhur. nauch. i prikl. fot. i kin.* 10 no. 5 351-353 S-O '65

Investigating the developing properties of 1-phenylpyrazolone-3 and other pyrazolone-3 derivatives. V. L. Abritalin and others. *Zhur. nauch. i prikl. fot. i kin.* 10 no. 5 321-329 S-O '65

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

[Photographic and motion-picture equipment] *Ref. zhur. i Fotokhiztekhn.* no. 9 S '65

PHOTOGRAPHY—FILMS

Photographic films for use in spectroscopy and astronomy developed by the Kazan Branch of the Motion Picture and Photography Scientific Research Institute. P. V. Meiklar and others. *Zhur. prikl. spekt.* 3 no. 1 99-101 Ji '65

PHOTOGRAPHY—SCIENTIFIC APPLICATIONS

Eliminating distortions of perspective in the photographic recording of deformations. V. P. Pivovarov, *Zav. lab.* 31 no. 8 1013-1014 '65

Three-dimensional world on a two-dimensional film. L. Miroshnichenko, *Izbr. i rats.* no. 8 30 '65

PHOTOGRAPHY, AERIAL—CONGRESSES

Ninth All-Union Conference on Aerial Photography. A. Babaev, *Izv. AN Turk. SSR, Ser. biol. nauk* no. 4 97-98 '65

PHOTOGRAPHY, STEREOSCOPIC

Volumetric determination of a blasted rock mass and in piles by surface stereophotographs and a double projector. N. P. Strekachinskaya, *Izv. vys. ucheb. zav.; gor. zhur.* 8 no. 7 83-88 '65

PHOTOGRAPHY IN NUCLEAR PHYSICS

Azimuthal angular distribution of slow particles produced in nuclear interactions with heavy emulsion nuclei at high energies. S. A. Azimov, M. S. Razuikulov, *Izv. AN Uz. SSR, Ser. fiz.-mat. nauk* 9 no. 1 70-72 '65

Production of slow π^+ -mesons in the interaction between D-Bev. protons and photoemulsion nuclei. S. A. Azimov and others. *Izv. AN Uz. SSR, Ser. fiz.-mat. nauk* 9 no. 4 69-62 '65

Stopping power of nuclear photographic emulsions produced in the U.S.S.R. A. P. Zhdanov, M. V. Skirda, *Zhur. nauch. i prikl. fot. i kin.* 10 no. 5 330-347 S-O '65

PHOTOMAGNETIC EFFECT

Anisotropy of the photomagnetic parity effect in germanium. I. U. Kagan, V. N. Sobakin, *Fiz. tver. tela* 7 no. 8 2555-2557 Ag '65

Anisotropy of the photomagnetic parity effect in p-germanium in strong magnetic fields. I. K. Kikoin, S. D. Lazarev, *Fiz. tver. tela* 7 no. 8 2564-2565 Ag '65

PHOTOMECHANICAL PROCESSES

Unwinding the SGU gas-cutting machine with a FOS-4 scale photocopying control system. Sh. A. Vainer and others. *Svar. protzv.* no. 9 34 S '65

PHOTOMETERS

Logarithmic photometer with compensation of interference from turbulent fluctuations of the light beam. I. U. S. Georgievskii, V. I. Dianov-Klovov, G. D. Turkin, *Izv. AN SSSR, Fiz. atm. i kosmos* 1 no. 8 880-883 Ag '65

PHOTOMETRY

Attachment for gas analysis for the FEK-type photocolormeter [photometric determination in gaseous mixtures of water vapor, sulfur dioxide, and acetylene] R. I. Alekseev, E. A. Tokarskaya, *Zhur. anal. khim.* 20 no. 9 983-989 '65

Density distribution of intense radiation in an absorbing specimen. F. B. Rutkovskii, V. P. Gritkovskii, *Zhur. prikl. spekt.* 3 no. 1 32-37 Ji '65

Photometric analysis of bacterial suspensions. Report No. 3 Study of some thermodynamic processes in bacteria. B. A. Tikhman, V. G. Petukhov, *Zhar. mikrobiol., epid. i immun.* 42 no. 3 128-131 Ag '65

Photometric determination of cobalt in feeds and other biological materials by the use of nitrosomaphthols. A. D. Gololobov, N. A. Vakhrameeva, *Trudy VIZH* 27: 274-282 '65

Photometric determination of niobium in zirconium-base alloys by means of sulfochlorophenol. C. S. B. Savvin, V. A. Bortsova, E. N. Malkina, *Zhur. anal. khim.* 20 no. 8 847-850 '65

Photometric standardization of erythrocyte suspensions. L. B. Smirnova, V. G. Petukhov, B. A. Tikhman, *Lab. delo* no. 9 528-530 '65

Verifying the applicability of galloyanine-chrome alum staining for the purpose of photometric measurement of the RNA quantity in the cytoplasm. L. P. Ovchinnikova, G. V. Selivanova, *TSitologiya* 6 no. 3 387-388 My '64

PHOTOMICROGRAPHY

Microstructural defects of artificial graphite. S. V. Shulepov and others. *Izv. AN SSSR, Neorg. mat.* 1 no. 7 1005-1009 Ji '66

PHOTONS

Density fluctuations of photons in a resonance medium. A. I. Alekseev, *Izv. vys. ucheb. zav., radiofiz.* 8 no. 4 826-828 '65

Radionode for measuring X-ray photons in the stratosphere. G. A. Bazilevskaya and others. *Izv. AN SSSR, Ser. fiz.* 20 no. 9 1774-1778 S '65

PHOTONS—SPECTRA

Accuracy of the equilibrium photon spectrum at T energy close to T_0 . D. I. Sikora, V. A. Shkoda-Ul'yanov, *Izv. AN SSSR, Ser. fiz.* 20 no. 9 1706-1708 S '65

PHOTONUCLEAR REACTIONS

The nuclear photoelectric effect in the laboratory. G. I. Kuz'menko, *Izv. vys. ucheb. zav., fiz.* 8 no. 3 145-146 '65

Possibility for measuring the magnetic moment of the Σ^+ hyperon. I. V. Yakovleva, *Zhur. eksp. i teor. fiz.* 49 no. 2 707-710 Ag '65

PHOTOPERIODISM

Effect of photoperiodic conditions on the hematological indices in swine. A. Ia. Klochkova, *Izv. SO AN SSSR* no. 8, Ser. biol., -med. nauk no. 2 105-110 '65

Photoperiodic and temperature reactions determining the seasonal development of *Dendrolimus pini* L. and *Dendrolimus sibiricus* Tschotw. (Lepidoptera, Lasiocampidae). K. F. Gelsalts, *Ent. obozr.* 44 no. 3 538-553 '65

PHOTOSYNTHESIS

- Basic photosynthesis. P. N. Kondrat'eva. *Izv. AN SSSR Ser. Biol.* 13-29 '63.
- Effect of the diurnal variation of air temperature on the intensity of photosynthesis of the potato in the northern regions of the USSR. N. I. Khilnovskaya. *Meteor. i gidrol.* no. 10 44-46 O '65.
- Photosynthetically active pigments in protozoal algae and the effect of cultivation conditions on them. V. A. Vasyukova, V. E. Vasileva, V. V. Pincich. *Vest LGU* 20 no. 15 47-104 '65.

Theory of photosynthesis in a layer of vegetation. M. V. Budyko, L. S. Gordin. *Dokl. AN SSSR* 164 no. 2 454-457 S '65.

A variant of the determination of maximum photosynthesis in Chlorocella. E. A. Ivanov. *Probl. kosm. biol.* 1 655-657 '65.

PHTHALAZINE—THERAPEUTIC USE

Dynamics of changes in the fundus oculi in the treatment of hypertension with apressin and ganglionic blocking agents. A. Kh. Adychiev. *Sborn. nauch. trud. FOGMI* no. 14 170-177 '63.

PHTHALIC ACID

"Living" polymers of dimethylacrylate-but-1-trimethylene glycol phthalate. T. I. Lipatova, V. M. Sudeiko. *Vysokom. soc.* 7 no. 8 1476-1477 '65.

PHTHALIC ANHYDRIDE—TRANSPORTATION

Mechanized loading and unloading of phthalic anhydride. D. A. Gurevich. *Mekh. i avtom. profiz.* 19 no. 9 31-37 S '65.

PHTHALOCYANINES

Rectification effect of phthalocyanine. Z. A. Rotenberg, S. D. Levin. *Elektrokhim. i no. 8 993-996 '65.*

PHYLOXERA

Prints, I. A. I. [Vineyard Phylloxera and its control]. *Vinogradnaya filoksera i mery bor'by s n. i.* Moskva, Nauka, 1965. 293 p. (DNL).

PHYLOGENY

Complication of afferent innervation of the terminal portion of the intestines in vertebrate phylloxera. I. A. Bul'gakov, K. F. Zorina-Tsina. *Dokl. AN SSSR* 9 no. 7 488-491 JI '65.

Kornieva, E. A. [Evolution of the reflex regulation of cardiac activity]. *Evolyutsia refleksnoi regulatsii serdtsnoi deiatel'nosti*. [Leningrad] Meditsina, 1965. 249 p.

Phylogenetic aspect of some clinical variants of the motor sphere of man. P. S. Babkin. *Vop. antr.* no. 16 29-40 '64.

PHYSICAL EDUCATION AND TRAINING

(see also subdivision under Latvia)

Let us see the great in the small. V. Patenov. *Part. zhurn.* no. 18, 66-69 S '63.

Psychological aspects of physical education. D. I. Kovlev. *Prof.-tekh. obr.* 22 no. 9-32-33 S '65.

Youth and sports, a wonderful alloy. *Prof.-tekh. obr.* 22 no. 9 31 S '65.

PHYSICAL EDUCATION FOR CHILDREN

Gymnastic grouping and regrouping. G. A. Kalashnikov. *Nach. shkola* 33 no. 9 49-51 S '65.

PHYSICAL EDUCATION FOR THE AGED

Zhuravlev, E. P. [Gymnastics for the middle aged and elderly]. *Gimnastika dlia liudei srednego i pozhnogo vozrasta*. Moskva, Fizkul'tura i sport, 1965. 118 p. (Gimnastika dlia vsesh).

PHYSICAL FITNESS

Interrelations between the state of the physical development and the incidence of disease. A. G. Sobanov. *Nauch. trudy Kaz. gos. med. inst.* 14 47-48 '64.

PHYSICAL GEOGRAPHY see subdivision under North America

PHYSICAL METALLURGY

Change in the physical properties of metallic compounds in their transformation from the brittle state into the plastic. I. I. Novikov, D. P. Shashkov. *Dokl. AN SSSR* 164 no. 2 307-310 S '65.

PHYSICAL OPTICS see Optics, Physical

PHYSICAL THERAPY

Use of physical factors in the compound treatment of chronic tonsillitis in children with rheumatic fever. T. V. Karachytsseva. *Vop. kur. i fizioter. i lech. fiz. kul't.* 30 no. 4:321-338 JI-Ag '65.

PHYSICAL THERAPY—CONGRESSES

Conference on the problem "Physiology and pathology of digestion and problems of health resort treatment and physiotherapy." F. Vasilenko. *Vop. kur. i fizioter. i lech. fiz. kul't.* 29 no. 4:376-381 JI-Ag '64.

PHYSICALLY HANDICAPPED—REHABILITATION

(see also subdivision under Moksha, Pskov Province)

When they get help. I. Danilov. *Sotv. chesep* 26 no. 9 38-38 S '65.

PHYSICALLY HANDICAPPED CHILDREN—REHABILITATION

Recommendations on the physical education and training of students put into special medical groups because of their health. *Nach. shkola* 33 no. 9 11 S '65.

PHYSICS

[Advances in the physical sciences. Participants in the discussion: N. G. Basov, V. L. Ginzburg, E. V. Shpol'skii]. *Uspekhi fizicheskikh nauk. V besede uchastvuiut: N. G. Basov, V. L. Ginzburg, E. V. Shpol'skii*. Moskva, Izd-vo "Znanie," 1965. 30 p. (Novoe v zhizni, nauka, tekhnika. 9 Seriya: Fizika, matematika, astronomiya, no. 17).

[Physics in the year 1964. Participants in the discussion: L. V. Keldysh and others]. *Fizika 1964 goda. V besede uchastvuiut: L. V. Keldysh i dr.* Moskva, Izd-vo "Znanie," 1965. 31 p. (Novoe v zhizni, nauka, tekhnika. 9 Seriya: Fizika, Matematika, Astronomiya, no. 18).

PHYSICS—ABSTRACTS

[Physics] Ref. zhur. *Fiz.* no. 9 S '65.

PHYSICS—BIBLIOGRAPHY see Bibliography—Physics

PHYSICS—EXPERIMENTS

Iverson, V. I., ed. [Lecture demonstrations in physics]. *Lectionnye demonstratsii po fizike*. [By] M. A. Grubovskii i dr. Moskva, Nauka, 1965. 572 p.

PHYSICS—PHILOSOPHY

Philosophical meaning of variational principles in physics. V. A. Asseev. *Uch. zap. Kaz. obschestv. nauk ser. Filoz.* no. 6:32-49 '65.

PHYSICS—PROBLEMS, EXERCISES, ETC.

Kozel, S. M., and others. [Problems in physics]. *Shkola zadach po fizike*. Moskva, Nauka, 1965. 287 p.

PHYSICS—STUDY AND TEACHING

Evaluating the effectiveness of teaching by the methods of mathematical statistics. T. M. Zhuchok. *Sov. pedagog.* 29 no. 6 83-89 Je '65.

Interesting experiment. A. V. Zosimovskii. *Sov. pedagog.* 29 no. 6 46-56 Je '65.

Primary knowledge of physics in elementary schools. I. V. Usueva, E. N. Chistova. *Sov. pedagog.* 29 no. 6 12-18 Je '65.

Spring School of Theoretical and Experimental Physics. G. A. Leksin. *Atom energ.* 19 no. 3 318-319 S '65.

PHYSIOLOGICAL APPARATUS

Methodology for the determination of low hydrogen sulfide concentrations in tissue fluids. E. H. Koptleva. *Fiziol. zhur. [Ukr.]* 10 no. 3 411-415 My-Je '64.

PHYSIOLOGICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Chamber with an automatic device for dosage and noiseless inflow of gas mixtures. A. V. Pogachkov. *Fiziol. zhur.* 51 no. 9 1133-1136 S '65.

Stand for encephalographic research on small birds. V. D. Mischev. *Fiziol. zhur.* 51 no. 9 1131-1132 S '65.

PHYSIOLOGICAL OPTICS see Optics, Physiological

PHYSIOLOGICAL OXIDATION see Oxidation, Physiological

PHYSIOLOGICAL PSYCHOLOGY see Psychology, Physiological

PHYSIOLOGICAL THERAPEUTICS see Therapeutics, Physiological

PHYSIOLOGY

Elbrus expedition of 1963 of the Physiological Institute at the A. A. Bohomolets' Academy of Sciences of the Ukraine. S. S. R. M. M. Syrotyanin. *Fiziol. zhur. [Ukr.]* 10 no. 3 416-418 My-Je '64.

Necessity and chance in the living nature. V. A. Baraboi. *Fiziol. zhur. [Ukr.]* 10 no. 3 381-389 My-Je '64.

Some indices on the reactivity of the body in patients with schizophrenia. I. A. el-Sheikh Rakhli. *Zhurn. nevrolog. i psikh.* 65 no. 2 241-246 '65.

PHYSIOLOGY—INTERNATIONAL COOPERATION

I. P. Pavlov's correlations with scientific and social workers of Japan (1903-1936). V. L. Merkulov. *Fiziol. zhur.* 51 no. 9 1143-1147 S '65.

PHYSIOLOGY, COMPARATIVE

Data on the problem of typological characteristics of the nervous system in dogs of various breeds. M. F. Soloduk, M. S. Krashinsky. *Fiziol. zhur. [Ukr.]* 10 no. 3 314-321 My-Je '64.

PHYSIOLOGY, PATHOLOGICAL

I. I. Mechnikova. The origin and their importance for the logical physiology. N. N. Shostakov. *Probl. fiziol. i lech. fiz. kul't.* no. 4:1-7 JI-Ag '65.

Problems in the histochemistry and physiology of the heart. N. P. Medvedev and others. *Nauch. zap. Kaz. gos. med. inst.* 14 479-481 '64.

Role of V. V. Pavlov in the development of the pathology of physiology. I. B. Petrov. *Probl. fiziol. i lech. fiz. kul't.* no. 4:1-7 JI-Ag '65.

PHYSIOLOGY, PATHOLOGICAL—STUDY AND TEACHING

Decision of the plenum of the All-Union Society of Pathophysiology held on February 2-5, 1965. I. B. Petrov, I. V. Gubler. *Probl. fiziol. i lech. fiz. kul't.* no. 1:33-39 My-Je '65.

PHYTOPATHOGENIC BACTERIA see Bacteria, Plant pathogenic

PHYTOPLANKTON see Plankton, Phytoplankton

PHYTOPLANKTON see Ecology, Phytoplankton

PIA F. EDITH, 1916-1963

Konchalovskaya, N. P. [A song gathered in my first]. *Pesnia, molodnitsa v kulak*. [Moskva] Mirovaia knizhka, 1965. 100 p.

PIANISTS

Plavutser, Boris. *Moskovsk. zhurn.* no. 10 109-110 Ag '64.

PIANO MUSIC—INTERPRETATION (PHRASES, DYNAMICS, ETC.)

Foiberg, S. I. [Piano as an art]. *Pianizm kak iskusstvo*. [Moskva] Muzyka, 1965. 616 p.

PICRIC ACID

Picric acid hydrolysis in the cytochemical technique for DNA as a means of preparation of RNA and RNA in histological preparation. M. A. Shostakov. *Tsitologiya* 6 no. 1 181-187 My-Je '64.

Thermochromism of nonaqueous electrolyte solution. Part 4: Integral heats of dissolution of picric acid in acetone and sodium picrate in methanol as a function of concentration at 10 and 25°C. L. P. Zhilina, M. P. Shchepchenko. *Teoret. i eksper. khim.* 1 no. 1 161-164 My-Je '65.

PICROTOXIN—PHYSIOLOGICAL EFFECT

Effect of gamma-aminobutyric acid and picrotoxin on Secernaria inhibition. *Biokomp. Biol. i fiziol.* no. 1:141-146 JI-Ag '65.

PIEZOELECTRIC SUBSTANCES—SPECTRA

Influence of the piezoelectric effect on the piezoelectric energy, the effective mass of carrier electrons, and the wave function spectrum. I. P. Lokatko. *Fiziol. zhur.* 10 no. 3 419-424 JI-Ag '65.

PIEZOELECTRICITY

Electron-phonon interaction, proportional to an external applied field, and the amplification of sound in a piezoelectric. S. I. Lokatko. *Zhurn. eksper. i teoret. fiz.* no. 2:211-219 Ag '65.

Piezoelectricity of MgTe. D. M. Hordas and others. *Fiz. tverd. tel.* 7 no. 8 2447-2451 Ag '65.

PIEZOMETER

Results of piezometric studies on open heart-catheterization in the lower course of the Amu Darya Valley. O. Narzanturov. *Izv. AN Turk. SSR, Ser. biol. i lek. nauch.* no. 4:65-69 '65.

Theoretical study of the principal parameters and properties of a piezoelectromagnetic channel. V. P. Vastanov. *Fiz. i geofiz.* no. 4 156-78 '65.

PIKE PERCH see subdivision under Fishes, Pike, Talas River; Ukraine

PIKE PERCH—PHYSIOLOGY

Morphological composition and some properties of the blood of pike perch (*Esox lucius*) in the lower course of the Amu Darya Valley. G. I. Malyukova. *Trudy Kaz. gos. univ.* no. 2:133-139 '65.

PILING (CIVIL ENGINEERING)

Industrial buildings on piles with an enlarged base. V. A. Polubchuk, I. M. Ravinskii. *Proektirov.* 42 no. 4, 36-39 '65.

Pinaceae

Methodology of phenological observations of plants of the Pinaceae family. N. A. Novikova. *Biol. zhurn.* no. 10:57-11-10 '65.

PINE

(see also subdivision under East Siberian Economic region, Krasnoyarsk Territory; Orenburg Province, Sayan Mountains)

Taxonomic analysis of the genus Pinus L. Lower Geybarion. *Izv. AN Arm. SSR, Biol. nauch.* 10 no. 8:12-31 Ag '65.

PIONEERS (COMMUNIST YOUTH)

Composite rural Pioneer detachment. V. N. Kondrashov. Nach. shkola 33 no. 7-8-8 JI '65.

Klyuskiya, N. K. [The leader and his work with pioneers] O vozrastom i ego rabote s pionerami [Moskva] Molodiya gvardiya, 1961. 223 p (NeD)

Meeting of a Pioneer detachment. V. V. Stranin. Nach. shkola 33 no. 8-9-8 JI '65.

Meetings of the Children of October. R. G. Katsnel'son. Nach. shkola 33 no. 9-10-74 S '65.

Planning the educational work with Pioneer classes. I. G. Gordin. Nach. shkola 33 no. 8, 16-28 Ag '65.

Political information as one of the training methods for Pioneers. A. N. Ryzk. Nach. shkola 33 no. 9-10-62 S '65.

Reaching the people. N. Bromici. Nach. shkola 33 no. 8-29-31 Ag '65.

Working with the leaders of the Children of October. O. N. Sorokina, I. U. Salakhodiyova. Nach. shkola 33 no. 9-7-79 S '65.

PIPE

Classification of the systems for the application of paint materials to the internal surface of pipes with a small diameter. V. L. Gots. Lakokras. mat. i tekhn. no. 4-6-73 '65.

Lining of the inner surface of pipes in the electrostatic field. A. I. Safonov, L. A. Pilyovskiy, V. G. Samsonov. Plast. massy no. 8-66-59 '65.

Nikolaevskiy, E. I. A., and S. L. Sterlin, eds. [Technological pipings in industrial enterprises] Tekhnologicheskie truboprovody promyshlennykh predpriyatiy. Moskva, Stroizdat.

Pt. 1. [Pipes and parts of pipings] Truby i detali truboprovodov. 1964. 784 p. (Spravochnik po spetsial'nym rabotam)

Preparatory work for assembling the structures of a section of ball-bearing pipes. E. Karuna. Prom stroi i mash. 4 no. 6-24-27 N-D '62.

Studying the heat transfer in the boiling of Freons 113 and 12 on pipes with various roughness. G. N. Danilova, V. K. Bel'skiy. Khim. tekhn. 42 no. 4-24-28 JI-Ag '65.

PIPE—HYDRODYNAMICS

Calculating wave processes in complex pipings in case of a periodic variation of the discharge. N. P. Bel'tz. Izv. vyzh. ucheb. zav., av. tekhn. 7 no. 3-3-11 '65.

Evaluating losses of kinetic energy of a fluid flow in pipes. P. N. Romanenko, V. N. Khatchenko. Inzh.-fiz. zhurn. 9 no. 3-364-390 S '65.

PIPE—WELDING

Argon welding of piping under assembly conditions. "Power Engineering" pavilion. S. I. Khrushchov. Inform. blul. VDNKH no. 10-27-28 O '62.

PIPE, ASBESTOS-CEMENT

(See also subdivision under Andizhan Province)

Investigating experimental asbestos-cement gas mains. V. S. Loginov. Ispol'. Gaza v nar. khoz. no. 2-3-22 '63.

Investigation of the operation of asbestos cement pipes under dynamic loads. A. D. Aiferev. Trudy NIHAshbesttsementa no. 19-62-69 '65.

Problem of the study of gas flow through the walls of asbestos-cement pipes. P. I. Lomakin, M. E. Chechenin. Trudy NIHAshbesttsementa no. 19-56-61 '65.

Using phenol epoxy adhesives for gluing asbestos cement. F. A. Keshkovskiy, G. V. Aksanova. Ispol'. Gaza v nar. khoz. no. 2-36-40 '63.

PIPE, ASBESTOS-CEMENT—TESTING

Investigating the stressed state of asbestos-cement gas mains by electrostatics. A. A. Mironov. Ispol'. Gaza v nar. khoz. no. 2-23-30 '63.

PIPE, CAST IRON—TESTING

Quality of pipe cast by the semicontinuous method in relation to the gas content of cast iron. V. A. Davydov, V. G. Ivanov. Lit. proizv. no. 3-6-8 Mr '64.

PIPE, CONCRETE

Manufacture of reinforced concrete pipes at construction yards. B. I. Kurpukhov. Mekh. stroi. 22 no. 7-11-31 JI '65.

Round glass-reinforced plastic reinforcement for reinforced concrete pressure pipes. I. I. Akhmedov. Bet. i zheli.-bet. 11 no. 9-2-5 S '65.

PIPE, GLASS

Automatic machine for the sizing of glass tubes according to their external diameters. N. G. Fedirko. Stek. i ker. 22 no. 7-130-37 JI '65.

Glass pyrolyses for fish processing plants. V. V. Lariov. Ryb. khoz. 41 no. 7-57-59 '65.

PIPE, PLASTIC

Collect plastic air pipes. I. A. Shepelev, M. Yu. Ivanitskiy. Vod. i san. tekhn. no. 9-36-38 S '65.

Durability of pipes from thermoplastic materials. D. F. Kagan. Vod. i san. tekhn. no. 9-30-36 S '65.

Joining pipes from polymer materials. K. I. Zaitsev. Stroi. truboprov. 10 no. 9-1-6 S '65.

Use of vinyl plastic pipes for supplying gas to residential buildings. G. B. Zhukov. Ispol'. Gaza v nar. khoz. no. 2-41-46 '63.

PIPE, STEEL

Textolite shafts for bending stainless steel pipes. M. I. A. Zaslavskiy, I. A. V. Rosomakho, T. M. Shapko. Mont. i spets. rab. v stroi. 27 no. 5-21 My '65.

PIPE, STEEL—DEFECTS

Improving the axial adjustment of three-high plug-rolling mills. IU. I. Vashchenko, I. Z. Shifrin. Metallurg 10 no. 9-30-32 S '65.

PIPE, STEEL—TESTING

Uniformity of the properties of boiler tubes made of 15Kh1MF and 12Kh1MF steels. F. D. Surovtseva. Metalloved. i term. obr. met. no. 8-39-42 Ag '65.

PIPE, STEEL—WELDING

Effect of the reduction of pipe blanks during the forming for the induction welding process. F. D. Manevich and others. Stal' 25 no. 9-810-841 S '65.

Force conditions of pipe deformation in the backup assembly of an electric pipe welding machine. IU. I. Shevchenko, V. I. Pasternak. Izv. vyzh. ucheb. zav., Chern. met. 8 no. 9-104-107 '65.

"Light siren" in furnace welded pipe seams. U. I. Batial, R. M. Khudiyova. Svar. proizv. no. 3-12-13 Mr '61.

PIPE BENDING

Textolite shafts for bending stainless steel pipes. M. I. A. Zaslavskiy, I. A. V. Rosomakho, T. M. Shapko. Mont. i spets. rab. v stroi. 27 no. 5-21 My '65.

PIPE BENDING—TESTING

Bending moment and residual curvature during plastic pipe bending. B. S. Biloban. Kuz. shlan. proizv. 7 no. 6-18-21 Ag '65.

PIPE FITTINGS

A new type of detachable joint for oil pipelines. M. L. El'kosh. Mont. i spets. rab. v stroi. 27 no. 5-25-26 My '65.

Nikolaevskiy, E. I. A., and S. L. Sterlin, eds. [Technological pipings in industrial enterprises] Tekhnologicheskie truboprovody promyshlennykh predpriyatiy. Moskva, Stroizdat.

Pt. 1. [Pipes and parts of pipings] Truby i detali truboprovodov. 1964. 784 p. (Spravochnik po spetsial'nym rabotam)

PIPE FLANGES

Investigation of flange couplings for flanged pipes. V. B. Protopyov, N. I. Alekseev. Stroi. truboprov. 10 no. 9-11-16 S '65.

PIPE INDUSTRY

Measuring the length of hot pipes in rolling. IU. G. Kreimer, V. N. Lityvenko. Mekh. i avtom. proizv. 19 no. 8-27-28 Ag '65.

PIPE INDUSTRY—MANAGEMENT see subdivision under Dnepropetrovsk Economic Region

PIPE INDUSTRY—PRODUCTION STANDARDS

Planning for labor and wages should be based on time norms. A. Voinov. Sots. trud 10 no. 9-100-107 S '65.

PIPE INDUSTRY—QUALITY CONTROL

Make sure of further technical progress in the pipe industry and of an improved quality of pipe. I. A. E. Osada. Stal' 25 no. 9-777-780 S '65.

PIPE INDUSTRY—TECHNOLOGICAL INNOVATIONS

see subdivision under Chelyabinsk

PIPE JOINTS

Analyzing the failure of drill pipes in prospect drilling. L. A. Lashin, S. A. Ugolov. Mash. i nef. obr. no. 2-8-8 '65.

Apparatus for feeding magnetizing devices. A. M. Sosonko, IU. V. Bratin. Stroi. truboprov. 10 no. 8-27-28 S '65.

Joining pipes from polymer materials. K. I. Zaitsev. Stroi. truboprov. 10 no. 9-1-6 S '65.

Obvinisov, V. I. [Joining pipes with epoxy glues] Soedinenie truboprovodov na epoksidnykh klebkah. Kiev, Budivelnik, 1965. 20 p. (Biblioteka inzhenera-santekhnika)

PIPE MILLS

Analytic determination of the pipe rolling moment on automatic mills. I. A. Fomichev, A. N. Kirichenko. Izv. vyzh. ucheb. zav., Chern. met. 8 no. 10-74-70 '65.

Effect of the reduction of pipe blanks during the forming for the induction welding process. F. D. Manevich and others. Stal' 25 no. 9-810-841 S '65.

Make sure of further technical progress in the pipe industry and of an improved quality of pipe. I. A. E. Osada. Stal' 25 no. 9-777-780 S '65.

Manufacturing and using 150-ton capacity pipe-drawing mill. Z. I. Pustikov, A. A. Garkov. Biol. tekhn. ekonom. inform. Gos. nauch.-issled. inst. mash. i tekhn. inform. 18 no. 7-6-8 JI '65.

New developments in research. IU. Matveyev and others. Stal' 25 no. 9-812-815 S '65.

PIPE MILLS—DESIGN AND CONSTRUCTION

Improving the axial adjustment of three-high plug-rolling mills. IU. I. Vashchenko, I. Z. Shifrin. Metallurg 10 no. 9-30-32 S '65.

PIPE MILLS—MANAGEMENT

Articles of industry. F. A. Danilov and others. Metallurg 10 no. 9-30-39 S '65.

New developments in research. M. I. Portnoi. Stal' 25 no. 9-815 S '65.

PIPELAYING MACHINERY

Mechanizing the assembling of sanitary equipment. I. A. Ikin, H. N. Tumaevich, L. P. Kostenko. Mont. i spets. rab. v stroi. 27 no. 5-21-23 My '65.

PIPELINES

Furnish more accurate formulas for determining pressure reduction. D. I. Belov. Stroi. truboprov. 10 no. 9-35 S '65.

Manufacture and assembly of process piping. A. N. Bontchuk. Mekh. stroi. 22 no. 8-23-26 S '65.

Stability of pipeline bends laid in fills. L. M. Tsain, K. F. Raschepkin, V. I. Chernikin. Transp. i khar. nef. i nefteprod. no. 7-7-11 '65.

Take into account characteristics of the construction of pipelines in determining the annual standards of machine utilization. P. M. Derman, P. I. A. Davidovich. Stroi. truboprov. 10 no. 9-38 S '65.

PIPELINES—CATHODIC PROTECTION see subdivision under Kiev Province

PIPELINES—COMMUNICATION SYSTEMS

New equipment for communication systems of gas pipelines. A. M. Koshko. Gaz. prom. 10 no. 8-17-50 '65.

PIPELINES—COSTS

Effect of pipe standard on the capital investment in municipal gas systems. V. M. Rosenfeld. Ispol'. Gaza v nar. khoz. no. 2-155-158 '63.

PIPELINES—DESIGN AND CONSTRUCTION

Experimental investigation of the stability of pipelines laid in fills. P. I. Bontchuk, L. I. Bykov. Transp. i khar. nef. i nefteprod. no. 8-9-11 '65.

PIPELINES—ELECTROMECHANICAL ANALOGIES

Electrical model of an l-p main. S. V. Gorchikov, L. M. Poplavskiy. Ispol'. Gaza v nar. khoz. no. 2-125-133 '65.

PIPELINES—THERMAL PROPERTIES

Resistance of underground pipelines under temperature influences. L. M. Tsain, K. F. Raschepkin, V. I. Chernikin. Stroi. truboprov. 10 no. 9-7-11 S '65.

PIPELINES—WELDING

Investigation of the possibility of diffusion welding of mains. V. D. Taran, V. T. Slepucha. Stroi. truboprov. 10 no. 9-11-11 S '65.

The VST-1 cellulose-coated electrodes for the welding of pipelines. I. N. Vornovitskiy and others. Svar. proizv. no. 3-18-20 Mr '64.

PIPKOV, LIUBOMIR, 1904-

Liubomir Pirkov. Krenn. Angelov. Sov. muz. 29 no. 8-131-135 Ag '65.

PISTON RINGS

Improve the organization of the manufacture of piston rings. G. I. Lobzin. Mor. flot. 25 no. 9-32 S '65.

PISTONS—ANODIC PROTECTION

Efficiency of the anodizing of tractor engine pistons. G. P. Ryzk. Mashinostroenie no. 3-101-102 S-O '65.

PITUITARY BODY

Effect of sodium chloride baths on the function of the hypophyseal-adrenal system. Kh. M. Fudon, P. L. Laites. Vop. kur., fizioter. i lekhn. izd. 30 no. 4-300-303 JI-Ag '65.

Functional and morphological changes in the adrenal cortex and the adenohipophysis in malignant tumors. V. A. Valdes. Vop. onk. 11 no. 7-27-33 '65.

Kandror, V. I. [Hypophysis and adrenal glands in radiation lesions of the body] Gipofiz i nadpochekniki pri radiatsionnykh porazheniyakh organizma. Moskva, Meditsina, 1965. 147 p. (DNLM)

Role of the hypophysis in the hyperglycemic effect of gamma aminobutyric acid. B. A. Kazarian, E. A. Galian. Vop. blokhim. mor. 1-73-77 '64.

Some data on the effect of ethanolamine on the hypothalamo-hypophyseal system. G. V. Barsigian, A. A. Galian. Vop. blokhim. mor. 1-151-155 '64.

- PITUITARY BODY—BLOOD SUPPLY**
Electron microscopic study of relation between neurosecretory elements and capillaries in the posterior pituitary lobe of white mice. M. A. Belen'kii, A. L. Polenov. *Tsitologia* 6 no 3 346-348 My-Je '64
- PITUITARY BODY—INNERVATION**
Electron microscopic study of relations between neurosecretory elements and capillaries in the posterior pituitary lobe of white mice. M. A. Belen'kii, A. L. Polenov. *Tsitologia* 6 no 3 346-348 My-Je '64
- PITUITRIN—PHYSIOLOGICAL EFFECT**
Effect of an antidiuretic hormone in hypotension in rats. M. G. Zaks, T. V. Krestinskaya, M. M. Sokolova. *Fiziol. zhur.* 50 no 12 1489-1495 D '64
- PLACENTA**
Use of levomecillin for the preservation of placental serum. L. G. Kondrat'eva and others. *Antibiotika* 10 no 7 657-660 JI '65
- PLACER DEPOSITS**
Characteristics of the composition of titanium-bearing placers and main problems in their treatment. A. D. Hykov. *Izv. vyz. ucheb. zav., tsvet. met.* 8 no 3 13-16 '65
Industrial adoption of the flotation of titanium-zirconium placers sands. V. G. Zadorozhnyi and others. *TSvet. met.* 38 no 8 7-12 Ag '65
- PLAGIOCLASE**
Peculiar case of the gravity division of matter in basaltic lavas. A. F. Belousov. *Geol. i geofiz.* no 2 153-155 '65
- PLAGUE**
Activity of α -amylase and glucose-6-phosphatase of the liver and the sugar level in the blood in animals with plague intoxication. I. M. Klimova. *Biul. eksp. biol. i med.* 60 no 8 61-61 Ag '65
Palaeogenesis of natural plague foci as related to the history of rodents. V. V. Kucheruk. *Mat. k pozn. fauny i flory SSSR Otd. zool.* no 40 5-86 '65
Specificity of the passive hemagglutination reaction in the neutralization of antibodies in plague. V. I. Veinblat. *Lab. delo* no 9-348-651 '65
- PLANES (HAND TOOLS)**
Hard-alloy cutters for hand surfacer and planes. I. P. Zakharenko, L. A. Fedoseev, A. K. Krivenko. *Bum. i der. prom.* no 3 25-28 Ji-S '65
- PLANING MACHINES**
Modernization of the 736 transverse planing machine. N. P. Sampara. *Mashinostroenie* no 5 56-57 S-O '65
- PLANT BREEDING**
Centennial of G. Mendel's discovery. N. P. Dubinin. *Radiobiologiya* 5 no 4 483-480 '65
Mutation and breeding. P. K. Shkvarnikov. *Zemledelie* 27 no 6 42-47 Je '65
Significance of artificially induced mutations for field crop breeding. P. K. Shkvarnikov. *Biul. MOIP Otd. biol.* 70 no 4 130-140 JI-Ag '65
Significance of intraspecific variability of the causative agents of plant diseases for practical breeding. T. I. Fedotova. *Trudy VILR* no 17 119-137 '63
Significance of the effect of heterosis in preserving the varietal characteristics in plants. T. S. Fadeeva, S. I. Narbut. *Vest. LGU* 20 no 15 128-137 '65
- PLANT BREEDING—RESEARCH**
Some remarks apropos of the H. Gault article on the importance of induced mutations in plant breeding. I. S. Varunskii. *Agrobiologiya* no 5 771-774 S-O '65
- PLANT CELLS AND TISSUES**
Experimental study of the formation of nucleolus in plant cells. E. S. B. Ilaeva. *Izv. SO AN SSSR* no 8, Ser. biol., med. nauk no 2 156-159 '65
Formation of the nucleolus in plant cells. E. S. B. Ilaeva, L. V. Volkova. *TSitologiya* 8 no 3 288-290 My-Je '64
Ustinova, E. I. [Embryology of the angiosperms with the fundamentals of cytology] *Embriologiya pokryosemennykh rastenii s osnovami tsitologii. Pod red. V. A. Podukhnol'-Arnol'di. [Moskva] Izd-vo Mosk. univ., 1965, 188 p.*
- PLANT COMMUNITIES**
Gvozdzinski, A. M. [Allelopathy in the life of plants and their communities, principles of the chemical interaction of plants] *Allelopatiya v zhizni rastenii i ikh sobyestchestv; osnovy khimicheskogo vzaimodelstva rastenii.* Kiev, Naukova dumka, 1965, 198 p. (DNAL)
- PLANT CUTTINGS**
Dynamics of auxin and inhibitor changes in green and etiolated bean cuttings in the process of root formation. R. Kh. Turetskaya, E. M. Kof. *Dokl. AN SSSR* 164 no 1; 219-222 S '65
- Effect of darkness and vitamins on rooting of cuttings of the remnant carnation *Dianthus caryophyllus* L. V. N. Gubanov. *Izv. AN Turk. SSR, Ser. biol. nauk* no 4 68-71 '65.
- PLANT INTRODUCTION**
Akademii nauk SSSR, Botanicheskii institut. [Introduction of medicinal, aromatic, and technical plants, results of the work of the introduction nursery of the Botanical Institute of the Academy of Sciences of the U.S.S.R. for 250 years] *Introduktsiya lekarstvennykh, aromaticheskikh i tekhnicheskikh rastenii, itogi rabot Introduktsionnogo pitomnika BIN AN SSSR za 250 let.* Moskva, Nauka, 1965, 424 p. (DNAL)
Ficus krishna DC in the greenhouses of the botanical gardens of the U.S.S.R. F. N. Rusanov. *Biul. Glav. bot. sada* no 57 104 '65
Introduction and acclimatization of foreign forms of peaches. I. M. Shaltan. *Biul. Glav. bot. sada* no 57 10 24 '65
Introduction of *Dioscorea* in the Moscow region. V. I. Kichenko. *Biul. Glav. bot. sada* no 57 26-35 '65
Ornamental ferns of the Rudnyi Altai introduced in the Altai Botanical Garden. I. A. Kotukhov. *Biul. Glav. bot. sada* no 57 38-44 '65.
- PLANT LICE**
Addition to G. Kh. Shaposhnikov's article "Plant lice injuring cherry plum and cherry." M. N. Naizukov. *Ent. obozr.* 44 no 3 613-615 '65
Sayfas and rogor as effective preparations against the tea aphid (*Toxoptera aurantii*). V. S. Dzhashid, V. V. Dzhashid. *Subtrop. kul't.* no 1 47-52 '65
- PLANT LICE—BIOLOGICAL CONTROL** see subdivision under Alma-Ata Province
- PLANT PHYSIOLOGY**
Apparatus for automatic control and regulation of physiological processes in plants in closed systems. V. I. Rozdestvenskii, V. G. Chuchkin. *Probl. kosm. biol.* 4 658-669 '65
Studying the nitrate reductase of higher plants. E. A. Muravin, A. A. Sobashkin, G. N. Tovmasian. *Izv. TSKHA* no 2 102-115 '65
- PLANT PROPAGATION**
Reva, M. L. [Vegetative propagation of trees and shrubs under natural conditions] *Vegetativno razmnozheniye derevnykh i kushchovykh roslin v prirodnykh umovakh.* Kyiv, Naukova dumka, 1965, 215 p.
- PLANT TEMPERATURE**
Temperature of the active surface in microclimatic studies. Z. A. Mischenko. *Trudy GGO* no 100 58-76 '65
- PLANTING TIME** see subdivision under Virgin Territory
- PLANTS**
Effect of plants on the electric conductivity of the lowest atmospheric layer. T. G. Kolaif. *Agrokhimia* no 9 113-124 S '65
Stories about nature. V. Tetimov, A. Bender, T. Genninga. *Dobrye vosp.* 38 no 8 74-79 Ag '65
- PLANTS—ASSIMILATION**
Most important problems of amino acid and amide biosynthesis in plants. V. L. Kretovich. *Izv. AN SSSR, Ser. biol.* no 5 847-865 S-O '65
- PLANTS—CHEMICAL ANALYSIS**
Determination of gold in plants and soils in biogeochemical studies. KH. Arifova, P. L. P. Ibrhid'ko. *Uzb. geol. zhur.* 8 no 4 50-53 '65
Determining the dalapon content of soil and of the green bulk of plants. L. M. Fokel'man, Khim. v sel', khoz. 3 no 8 50-53 Ag '65
Effect of fertilizers on the nitrogen and phosphorus ratio in grain crops during vegetation. L. N. Kartseva. *Agrokhimia* no 9 42-51 S '65
Estimating the mineral nutrition of plants on the basis of their chemical composition. K. P. Magnitskii. *Agrokhimia* no 9 132-147 S '65
Fluorescence-cytochemical method of studying nucleic acids in plants. G. M. Kozulov. *Izv. AN SSSR, Ser. biol.* no 8 758-759 S-O '65
Species specificity of "soluble" RNA and aminocetyl-RNA-synthetases in some plants. T. M. Ernozhkina and others. *Dokl. AN SSSR* 164 no 3 688-691 S '65
Studying the role of nutrition in the formation of the crop as a basis for determining the nutrient requirements of plants by their analysis. V. V. Tserling. *Pochvovedenie* no 8 63-75 Ag '65
- PLANTS—COLLECTION AND PRESERVATION**
Frunze, Kirgizskii sel'skokhoziaistvennyi institut. *Kalend. botaniki i fiziologii rastenii. [Manual on the collection of herbaria and the description of plants for students of the agronomy, zoology, and veterinary faculties] Posobie po shoru gerbaria i opisaniiu rastenii dlia studentov agronomicheskogo, zoologicheskogo i veterinarnogo fakul'tetov.* Frunze, 1964, 14 p. (DNAL MICROFILM)
- PLANTS—DISEASE AND PEST RESISTANCE**
Effect of new organic fungicides on plants and pathogenic fungi. I. M. Polukhov. *Trudy VILR* no 17 110-117 '63
Fungistatic effect of phenols and their role in plant immunity. T. M. Ivanova, M. A. Davydova, B. A. Boldin. *Dokl. AN SSSR* 161 no 1 706-708 S '65
Significance of intraspecific variability of the causative agents of plant diseases for practical breeding. T. I. Fedotova. *Trudy VILR* no 17 119-137 '63
- PLANTS—METABOLISM**
Alkaloid accumulation dynamics and metabolism kinetics in *D. lophanthus* L. Kh. Ozerov. *Izv. AN SSSR, Ser. biol. nauk* no 1 66-69 '65
Metabolism in tall and dwarf pea varieties. K. M. Sytykh, L. I. Musat'ko. *Dop. AN URSR* no 9 1 14-18 JI '65
Phenyl changes in some growth and metabolism indices under the effect of gamma-rays on plants of the genus *Nicotiana*. P. K. Uzunov, O. K. Dzhelma. *Radiobiologiya* 5 no 1 576-579 '65
Use of radioactive isotopes in the physiological studies of plants. P. A. Vlasov, D. M. Gaidukov, A. A. Mamonik. *Dokl. Akad. nauk* no 1 5 21-25 '65
- PLANTS—NUTRITION**
Characteristics of the nutrition of grain crops and legumes in their mixed sowing. P. O. Dmytrchenko, I. A. Lohovska, O. B. Komashenko. *Dop. AN URSR* no 1 1225-1228 '65
Characteristics of the nutrition of plants grown in an air culture for a closed system. I. V. Tsvetkova, M. I. Shaidarov, V. M. Abramova. *Probl. kosm. biol.* 4 670-675 '65
Consumption and return of ash elements and nitrogen in cotton-alfalfa crop rotations. N. I. Bakhchev, I. G. Demonteva. *Agrokhimia* no 9 20-21 S '65
Effect of ^{60}Co , ^{137}Cs and ^{90}Sr fallon in the nutrient content in the absorption and uptake of ^{137}Cs and ^{90}Sr in kidney bean organs. M. A. Nomer, A. P. Fedotova. *Trudy donov. Izv. TSKHA* no 3 99-101 '65
Effect of the intensity of continuous light on the nutrient content of endogenous components in daily rhythms of the absorption of water and ions of nutrients in alfalfa. P. E. Kuzmina. *Izv. TSKHA* no 2 12-15 '65
Role of soil temperature in mineral nutrition of plants and in the effectiveness of fertilization. A. I. Korotova. *Izv. SO AN SSSR* no 8, Ser. biol., med. nauk no 2 61-69 '65
- PLANTS—OPTICAL PROPERTIES**
Effect of ultraviolet radiation on the spectral properties of plants. A. A. Shuklov and others. *Izv. AN Alma-Ata, Ser. biol. nauk* 18 no 6 21-29 Ju '64
- PLANTS—REPRODUCTION**
Biology of the reproduction of glyceraldehyde 3-phosphate. M. A. Mikulov, D. D. Mitrolov. *Dokl. AN SSSR* no 21 no 6 70-71 '65
- PLANTS—RESPIRATION**
Role of boron in the processes of phosphorylation and respiration of plants. A. P. Lybalenko. *Dop. AN URSR* no 8 1231-1236 '65
- PLANTS—TRANSPIRATION** see subdivision under Kazakhstan
- PLANTS—WATER REQUIREMENTS**
Akademii nauk SSSR. *Otdeleniye biologicheskikh nauk. [Abstracts of the papers of the session on problems of the water regime of plants in relation to metabolism and productivity, March 2-7, 1969] Tезисы докладов sessii po voprosam vodnogo rezhima rastenii s vyzvazheniem resheniy i produktivnost'.* 2-7 marta 1969 g. [Kazan'] Izd-vo Kazanskogo univ., 1969, 128 p. (ICRL)
Some data on the effect of mineral nutrition on water balance in plants. V. G. Kozmonov, G. N. Melnikova. *Dokl. AN SSSR* 164 no 3 699-700 S '65
- PLANTS, CULTIVATED**
[Plant culture] *Ref. zhur. i rast.* no 10 S '65
- PLANTS, CULTIVATED—STUDY AND TEACHING**
Plenum material in the teaching of plant growing. N. V. Iukalova. *Shkola i prodav.* 9 no 9 33-38 S '65
- PLANTS, EFFECT OF ADIPIC ACID ON**
Biogenic stimulants and the productivity of sugar beets. L. V. Gavrilova. *Biul. Glav. bot. sada* no 57 96-100 '65
- PLANTS, EFFECT OF ALUMINUM ON**
Effect of aluminum and methods of its placement on the yield of "Viner" barley under conditions of iron deficiency. T. I. Rubinskikh. *Dokl. Akad. sel'sk. nauk* no 8 8-9 Ag '65
- PLANTS, EFFECT OF ARSENIC ACIDS ON**
Effect of biphosphoric acid on protein metabolism in Indian mustard. E. P. Ugrumov and others. *Khim. v sel', khoz.* 3 no 8 46-49 Ag '65

PLANTS, EFFECT OF BETA RAYS ON

Effect of β -particles of C^{14} on *Chlorella* grown in a medium with C^{14} carbonates. V. L. Pavlov, B. V. Filippov, Radiobiologiya 5 no. 1 580-583 '65.

Removal of the injurious effect of β -irradiation on field crop seeds with the help of physiologically active compounds. I. I. Shaldarov, Probl. kosm. biol. 4:460-473 '65.

PLANTS, EFFECT OF BORON ON

Change in the quality of sugar beets due to the use of boron and manganese fertilizers. V. N. Vasil'ev, Vest sel'khoz. nauki [Kazakh.] 8 no. 9 7-12 S '65.

Role of boron in the processes of phosphorylation and respiration of plants. A. P. Kybalenko, Dop. AN URSSR no. 8:1231-1236 '65.

PLANTS, EFFECT OF CALCIUM ON

Effect of magnesium and calcium on lupine. E. P. Trupachev, N. A. Atrashkova, Agrokhimia no. 9 65-71 S '65.

PLANTS, EFFECT OF CARBON ON

Conditions for the carbon nutrition of *Chlorella* in an intensive culture. G. I. Meleshko, L. M. Krasotchenko, Probl. kosm. biol. 4:670-682 '65.

PLANTS, EFFECT OF CHEMICALS ON

Effect of chemical mutagens on two pea varieties. S. A. Gostimskii, V. V. Khvatova, Biol. MOIP, Old. biol. 70 no. 4:118-152 J1-Ag '65.

Leaf spots in hexaploid wheat induced by chemical mutagens. T. V. Salnikova, N. N. Zor, Biol. MOIP, Old. biol. 70 no. 1:145-147 J1-Ag '65.

Removal of the injurious effect of β -irradiation on field crop seeds with the help of physiologically active compounds. I. I. Shaldarov, Probl. kosm. biol. 4:460-473 '65.

PLANTS, EFFECT OF CHLORINE ON

Effect of potassium and chlorine on phosphorus absorption and phosphorus metabolism in corn plants. N. N. Loshkina, G. V. Udovenko, Dokl. AN BSSR 9 no. 6:401-403 Je '65.

PLANTS, EFFECT OF GAMMA RAYS ON

Effect of gamma rays on the content and quality of gluten in spring wheat. I. V. Chernyi, Radiobiologiya 5 no. 4:602-604 '65.

Effect of ionizing radiations on the growth, development and productivity of cotton. M. A. Atazhanov, Radiobiologiya 5 no. 4:624-628 '65.

Effect of plant irradiation on the growth and development of cotton. P. Pal'zhev, Sh. I. Ibragimov, R. I. Koval'chuk, Radiobiologiya 5 no. 4:593-595 '65.

Effect of presowing irradiation of seeds on oxidation-reduction balance and biochemistry of hothouse cucumber leaves as related to the sex differentiation of plants. A. G. Sidoraki, Radiobiologiya 5 no. 4:584-588 '65.

Phase changes in some growth and metabolism indices under the effect of γ -rays on plants of the genus *Nicotiana*. V. K. Uvorin, O. K. Demina, Radiobiologiya 5 no. 4:576-579 '65.

Production of new corn forms by γ and neutron irradiation of pollen. V. N. Lysikov, Radiobiologiya 5 no. 4:623-624 '65.

PLANTS, EFFECT OF INSECTICIDES ON

Physiological basis for the joint use of insecticides with mineral nutrients and the trends of future research. A. A. Bogdanov, Trudy VIZR no. 17:100-118 '63.

PLANTS, EFFECT OF LIGHT ON

Dense continuous cultivation of *Chlorella* in varying illumination. I. A. Torskov and others, Probl. kosm. biol. 4:683-685 '65.

Dynamics of auxin and inhibitor changes in green and etiolated bean cuttings in the process of root formation. R. Kh. Turanbayeva, T. M. Kof, Dokl. AN SSSR 164 no. 1:219-222 S '65.

Effect of the intensity of continuous light on the manifestation of endogenous components in daily rhythms of the absorption of water and ions of nutrient salts by sunflowers. E. E. Kravtshina, Izv. TSKhA no. 2:87-95 '65.

PLANTS, EFFECT OF MAGNESIUM ON

Effect of magnesium and calcium on lupine. E. P. Trupachev, N. A. Atrashkova, Agrokhimia no. 9:65-71 S '65.

PLANTS, EFFECT OF MANGANESE ON

Change in the quality of sugar beets due to the use of boron and manganese fertilizers. V. N. Vasil'ev, Vest sel'khoz. nauki [Kazakh.] 8 no. 9 7-12 S '65.

PLANTS, EFFECT OF MINERALS ON

Mineral nutrition requirements by *Chlorella* cells in an intensive culture. E. K. Lobedova, G. I. Meleshko, A. N. Shakhova, Probl. kosm. biol. 4:687-693 '65.

Some data on the effect of mineral nutrition on water balance in plants. V. G. Karmanov, S. N. Meleshchenko, Dokl. AN SSSR 164 no. 3:690-700 S '65.

PLANTS, EFFECT OF MOLYBDENUM ON

Popova, N. V. [The salt of ferric] Soil plododroditel. Saitinsk, Mordovskoe knizhnoe izd-vo, 1964 30 p (DNAL)

PLANTS, EFFECT OF NEUTRONS ON

Production of new corn forms by γ and neutron irradiation of pollen. V. N. Lysikov, Radiobiologiya 5 no. 4:623-624 '65.

PLANTS, EFFECT OF OXYGEN ON

Characteristics of the radiosensitizing effect of oxygen on *Vicia faba* seedlings following X-ray irradiation. V. M. Mikhail'son, Radiobiologiya 5 no. 4:589-592 '65.

PLANTS, EFFECT OF PHOSPHORUS ON

Dynamics of phosphorus forms in the process of wheat seed germination at low soil temperature. D. A. Dul'binskaya, Izv. SO AN SSSR no. 6, Ser. biol., med. nauk no. 2:162-165 '65.

Effectiveness of superphosphate enriched with trace elements applied to sugar beets. M. D. Khanin, L. L. Sheketinina, A. S. Kondratyuk, Agrokhimia no. 9:91-93 S '65.

Growth and development of citrus trees as related to the method of the placement of phosphorus during primary soil cultivation. I. D. Gamkrelidze, Subtrop. kul't. no. 1:53-72 '65.

PLANTS, EFFECT OF POTASSIUM ON

Effect of potassium and chlorine on phosphorus absorption and phosphorus metabolism in corn plants. N. N. Loshkina, G. V. Udovenko, Dokl. AN BSSR 9 no. 6:401-403 Je '65.

PLANTS, EFFECT OF RADIATION ON

Effect of gamma rays on the growth and accumulation of dry matter in a perilla plant. V. N. Savin, A. A. Shutov, Dokl. Akad. sel'khoz. nauk no. 6:19-22 My '65.

Potato mutations induced by the action of ionizing radiation on vegetative plant parts. F. A. Solomko, Radiobiologiya 5 no. 4:547-554 '65.

PLANTS, EFFECT OF RADIOACTIVITY ON

Emmanating of vegetable substances. M. S. Makarov, A. I. Khabib, Vop. rud. geofiz. no. 5:25-32 '65.

PLANTS, EFFECT OF SOIL MOISTURE ON

Effect of aluminum and methods of its placement on the yield of "Viner" barley under conditions of moisture deficiency. T. I. Rubchenkova, Dokl. Akad. sel'khoz. nauk no. 8:0-8 Ag '65.

Moisture conditions and the productivity of corn as related to mineral nutrition. M. I. A. Trugubov, G. L. Filippov, Dokl. Akad. sel'khoz. nauk no. 8:1-5 Ag '65.

PLANTS, EFFECT OF SOIL TEMPERATURE ON

subdivision under Siberia

PLANTS, EFFECT OF SUCCINIC ACID ON

Hormonal stimulants and the productivity of sugar beets. L. V. Gavrilova, Biol. Glav. bot. sadu no. 57:98-100 '65.

PLANTS, EFFECT OF TEMPERATURE ON

Dynamics of phosphorus forms in the process of wheat seed germination at low soil temperature. D. A. Dul'binskaya, Izv. SO AN SSSR no. 6, Ser. biol., med. nauk no. 2:162-165 '65.

Severe winter of 1963-1964 and its effect on subarctic plants. G. T. Gultev, Subtrop. kul't. no. 1:3-18 '65.

PLANTS, EFFECT OF TRACE ELEMENTS ON

Effectiveness of superphosphate enriched with trace elements applied to sugar beets. M. D. Khanin, L. L. Sheketinina, A. S. Kondratyuk, Agrokhimia no. 9:91-93 S '65.

PLANTS, EFFECT OF 2,4-D ON

Effect of 2,4-D herbicide on the growth and development of corn. A. Zhatipova, Vest. sel'khoz. nauki [Kazakh.] 8 no. 8:39-42 Ag '65.

PLANTS, EFFECT OF ULTRAVIOLET RAYS ON

Again groundless recommendations. A. K. Viktorov, S. N. Iurkin, Zemledelie 27 no. 8:17-48 Je '65.

Effect of ultraviolet radiation on the spectral properties of plants. A. A. Shakhov and others, Izv. AN Arm. SSR, Biol. nauki 18 no. 6:23-28 Je '65.

Ultraviolet irradiation of plants as a problem of space phytophysiology. A. A. Shakhov and others, Probl. kosm. biol. 4:474-488 '65.

PLANTS, EFFECT OF UREA ON

Behavior in plants of phenylidimethylurea derivatives used as herbicides. L. T. Makeeva-Chur'ianova, D. I. Chikankov, Agrokhimia no. 9:103-109 S '65.

PLANTS, EFFECT OF X RAYS ON

Cells with chromosome aberrations in bean seedlings as a statistical set. I. I. Koroleva, G. F. Krupnova, V. P. Paribek, TSitologiya 6 no. 3:355-357 My-Je '64.

Characteristics of the radiosensitizing effect of oxygen on *Vicia faba* seedlings following X-ray irradiation. V. M. Mikhail'son, Radiobiologiya 5 no. 4:589-592 '65.

Effect of X-rays and gibberellin on some biochemical characteristics of *Ipomoea purpurea* and *Cosmos bipinnatus* varieties. N. P. Begarlan, O. V. Narayan, A. Z. Voskanyan, Izv. AN Arm. SSR, Biol. nauki 18 no. 8:12-10 Ag '65.

PLANTS, EFFECT OF ZINC ON

Role of zinc in plant nutrition. N. A. Chernavskaya, G. G. Kavenik, D. F. Goncharenko, Agrokhimia no. 9:81-90 S '65.

PLANTS, FLOWERING OF

Biology of the flowering and pollination of a cherry plum. I. A. Dragavtseva, O. A. Zabranskaya, Agrobiologiya no. 5:703-705 S-O '65.

Blossoming of *Eucommia* in Kazakhstan. L. F. Belonkur'dova, Biol. Glav. bot. sadu no. 57:104-106 '65.

Characteristics of the biology of the Siberian pine flowering in the Western Sayan Mountains. A. N. Nikolaeva, Izv. SO AN SSSR no. 6, Ser. biol., med. nauk no. 2:76-80 '65.

Method of tattooing for studying the surface growth in iris floral shoots. L. E. Solov'eva, Izv. AN Turk. SSR, Ser. biol. nauk no. 3 84-85 '65.

PLANTS, ORNAMENTAL

Effect of additional lighting on some ornamental greenhouse plants. E. M. Fomin, Biol. Glav. bot. sadu no. 57:40-52 '65.

PLANTS, PROTECTION OF

Increasing the reliability and durability of machines for chemical protection of plants. R. M. Zaverbnyi, I. V. Dovzhenko, Mashinostroenie no. 5:102-105 S-O '65.

Principles of nation-wide planning of plant protection measures. I. A. Poliakov, D. P. Tsyplovskov, A. E. Chumakov, Trudy VIZR no. 17:5-20 '63.

PLANTS, PROTECTION OF—BIBLIOGRAPHY

Bibliography—Plants, Protection of

PLANTS, PROTECTION OF—RESEARCH

Results of and prospects for the use of biophysical methods in plant protection. S. V. Andreev, B. K. Martens, Trudy VIZR no. 17:354-377 '63.

PLANTS, SEX IN

Effect of presowing irradiation of seeds on oxidation-reduction balance and biochemistry of hothouse cucumber leaves as related to the sex differentiation of plants. A. G. Sidoraki, Radiobiologiya 5 no. 1:584-588 '65.

PLASMA (IONIZED GASES)

Balance of pressures in a toroidal plasma filament. V. D. Shafranov, Atom. energ. 19 no. 2:175 Ag '65.

Confinement of slow ions in a mirror trap when the plasma potential is positive. L. E. Ushakov, Zhur. eksp. i teor. fiz. 49 no. 2:580-590 Ag '65.

Damping of longitudinal waves in an inhomogeneous plasma. V. A. Eldman, Zhur. eksp. i teor. fiz. 49 no. 2:529-537 Ag '65.

Problems of macrokinetics and plasma chemistry; meeting of the Department of General and Technical Chemistry. L. M. Plot'men, A. A. Ovsianikov, Vest. AN SSSR 35 no. 9:100-110 '65.

Relation of the radiation from fast moving charges in a medium to the damping of waves in an inhomogeneous plasma. V. A. Eldman, Izv. vuz. ucheb. razv. i radiofiz. 8 no. 4:655-658 '65.

"Runaway" electron interactions with plasma in a C-1 accelerator. P. I. Bilov, L. P. Zinkov, Atom. energ. 19 no. 3:233-238 S '65.

Self-similar motion of a rarefied plasma. A. V. Gurovich, L. V. Partskala, L. P. Phtavskii, Zhur. eksp. i teor. fiz. 49 no. 2:647-654 Ag '65.

A similarity parameter in the theory of plasma flows. A. I. Morozov, L. S. Solov'ev, Dokl. AN SSSR 164 no. 1:80-83 S '65.

Use of an interferometer and the microwave cut-off method in studying a plasma. L. Q. Dushyn and others, Ukt. fiz. zhur. 10 no. 9:877-884 S '65.

PLASMA (IONIZED GASES)—THERMODYNAMICS

Classical heat conductivity in a toroidal plasma filament. V. D. Shafranov, Atom. energ. 19 no. 2:120-125 Ag '65.

PLASMA OSCILLATIONS

Induced scattering of Langmuir oscillations in a plasma placed in a high magnetic field. V. D. Shapiro, V. I. Shevchenko, Ukt. fiz. zhur. 10 no. 9:900-900 S '65.

Theory of nonlinear oscillations in a collisionless plasma. L. M. Al'tshul', V. I. Karpman, Zhur. eksp. i teor. fiz. 49 no. 2:515-525 Ag '65.

PLASTIC BEARINGS

Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut mashinovedeniia. [Plastics in sliding bearings; investigations and experience in their use] Plastmassy v podshlupnikakh skol'zheniia; issledovaniia, opyt primeneniia. Moscow, Nauka, 1965, 183 p.

PLASTIC FILMS

- Polymeric materials for food packaging. V. E. Gul' Zbir. VNIIO 10 no. 3 310-325 '65.
- Prevention of "Papan Saffon" apple of polyethylene packaging. L. I. Verina, G. N. Tikhonova, M. V. Ivanova. Kon. 16, prom. 20 no. 3 15-17 '65.
- Storage of litter (cat in stacks) protected with polyethylene films. L. A. Larkin, A. M. Petrovskiy, R. A. Aleksandrova. Trn. prom. 42 no. 6 18-20 '65.
- Studying the mechanism of film formation by water-soluble polyd. resins. G. I. Filipovich, M. P. Chagin. Lakobras mat. i tekhn. no. 4 22-26 '65.
- Use of spectrum and chemical analysis methods in studying the film formation of polyethylene acetates. M. M. Mogilevich, N. A. Pishchepkin. Lakobras mat. i tekhn. no. 18-12 '65.

PLASTIC FILMS—MEASUREMENT

- Device for measuring the thickness of a polymeric film. S. S. P. no. 120111. no. 8 6-8 Ag '65.

PLASTIC FILMS—TESTING

- Physicochemical properties of poly-2,2'-octa-methylene-5,5'-dibenzimidazole films. L. A. Larkin and others. Plast. massy no. 8 34-38 '65.

PLASTIC FOAMS

- Molding of warm interlining for headgear. I. V. Orlov, A. M. Herasimova. Leh. prom. no. 3 53-56 JI-S '65.
- Monolithic polyesterene plastic foams in construction. Z. S. Kosyeva and others. Stroitel. no. 5 30-31 Mj '65.
- Polyurethanes from polyethers. Rigid polyurethane foams. A. P. Kafengauz, I. M. Kafengauz, V. I. Murashova. Plast. massy no. 8 13-16 '65.
- Studying the properties of shaped porolon interlining for headgear. I. V. Orlov, A. M. Herasimova. Leh. prom. no. 3 10-14 JI-S '65.
- Thermomechanical properties of phenol-rubber compositions in monolithic and foamed states. V. A. Popov, I. S. Durtan, I. U. S. Lipatov. Plast. massy no. 9 30-35 '65.

PLASTIC PIPE see PIPE, Plastic

PLASTIC SPRAYING

- Plastic coating of parts by means of vortex spraying. I. I. Vasin. Avt. prom. 31 no. 9 37-38 S '65.

PLASTICITY

- The diffusion mechanism of plasticity. A. A. Presniakov. Vest. AN Kazakh SSR 21 no. 9 10-15 S '65.
- Effect of additional energy on the plastic flow of solids. N. G. Nekrashevich, L. A. Bakuto. Dokl. AN BSSR 9 no. 6 376-378 Je '65.
- Flow and solidification of a metal in contact with a moving solid body. E. A. Leonova. Vest. Mosk. un. Ser. I Mit., mekh. 20 no. 4 67-66 JI-Ag '65.
- Flow from a plane stamp into a slot. V. P. Severdenko, E. M. Makushok, V. M. Segal. Dokl. AN BSSR 9 no. 6 372-375 Je '65.
- An inequality in the theory of plastic flow. M. A. Solomeshch. Vest. Mosk. un. Ser. I Mat., mekh. 20 no. 3 70-76 My-Je '65.
- Integration of equations of a field of slip lines. V. P. Severdenko, E. M. Makushok, V. M. Segal. Dokl. AN BSSR 9 no. 7 454-457 JI '65.
- Plastic disintegration. V. V. Novozhilov. Prikl. mat. i mekh. 29 no. 4 681-689 JI-Ag '65.
- Reflection of a plane plastic wave and its refraction at the interface of two half-spaces. N. V. Zvoilnikov, G. V. Rykov. Prikl. mat. i mekh. 29 no. 4 672-680 JI-Ag '65.
- Some dependences in a field of sliding lines formed by circular curves. E. M. Makushok, V. M. Segal. Inzh. zhur., 5 no. 4 711-721 '65.

PLASTICS

- (see also subdivision under Lithuanian)
- Adhesive for plastics made with polystyrene. E. A. Kashyovskaya, M. I. Khitrova, V. I. Milovanova. Izv. pol. gaz. v nar. khoz. no. 2 47-52 '63.
- Belkin, I. M., I. M. Romantseva, and V. A. Sukhanova. [Plastics in armored equipment.] Plast. massy v brone-tankovoi tekhnike. Moskva, Voenizdat, 1965. 130 p.
- Changes in the quality of apple juice packaged in containers made from polymeric materials during storage. I. P. Grishina, M. I. Nekhova, T. A. Podkopaeva. Koms. 1 ov. prom. 20 no. 8 10-12 Ag '65.
- Economic efficiency of the use of plastics in the manufacture of sanitary engineering wares. I. A. Larin, V. A. Kirilina. Plast. massy no. 8 45-47 '65.
- Economic efficiency of using polymer materials for flooring. I. A. Larin. Plast. massy no. 9 41-43 '65.
- Heat resistant electric insulation plastics on a polyarylate base. S. V. Vinogradova and others. Plast. massy no. 9 18-19 '65.
- Manufacture of correction plates for "Schmidt" lenses. N. P. Zakaznov, V. A. Afanas'ev. Tekhn. kino i telev. 9 no. 8 60-61 Ag '65.

- Obtaining p, p'-di-(1,3-dioxanyl-4-oxa-3-zolidyl)-di-phenyl methane. S. R. Tullaganov. Plast. massy no. 8 43-44 '65.

- Studying the properties of polyester carbonates. R. A. Sviridov and others. Plast. massy no. 8 18-20 '65.

PLASTICS—TESTING

- Device for determining the hardness of plastics by the scratching method. B. M. Geishkovich, N. V. Chuprik, M. A. Priedtechenskiy. Zav. lab. 31 no. 8 1017-1018 '65.

PLASTICS—WELDING

- Studying the thermostability of welded joints of combined film materials. Film materials with one-sided polyethylene coating. V. G. Raikovskiy, M. V. Postignov, V. I. Gul'. Plast. massy no. 9 23-25 '65.

PLASTICS, EFFECT OF RADIATION ON

- Effect of gamma rays on cured polyester. A. V. M. Vinogradov and others. Plast. massy no. 8 36-40 '65.

PLASTICS IN BUILDING

- Activity of mineral fillers in the polymer acid-resistant mastics. G. I. Knigina, V. N. Korneeva. Izv. vys. uch. zav., stroitel. i arkh., 8 no. 9 68-72 '65.
- Corrugated plastic roofing sheets, (efficient profile and the calculation method). I. U. M. Safonov. Nauch. trudy AKKH no. 31 82-89 '63.
- Dubasov, A. A. [Use of plastics in the repair of construction equipment.] Pimenenie plastmass v stroitel'stve. Moskva, Stroiizdat, 1965. 195 p.
- Maintenance qualities of roofing material from plastic elements. I. U. M. Safonov. Nauch. trudy AKKH no. 31 76-81 '64.
- Practice in using polystyrene in construction. G. V. Sokolov, L. S. Pshchentsin, V. N. Naumov. Prom. stroit. 43 no. 9 10-20 '65.
- Preliminary results of the examination of heat insulating qualities of house sections using plastics. G. K. Avdeev. Nauch. trudy AKKH no. 31 98-123 '64.

- Use of plastic putty in making metallic forms for reinforced concrete products. L. B. Geishberg. Bet. i zheli. bet. 11 no. 9 38-40 S '65.

- Use of plastics in skylight construction. K. Kh. Tugushev. Prom. stroit. 43 no. 9 16-18 '65.

- Use of synthetic materials in the repair of residential buildings. Sh. N. Golant. Nauch. trudy AKKH no. 31 98-101 '64.

- Vorobiev, V. A. [Manufacture and use of plastics in building.] Proizvodstvo i primeneniye plastmass v stroitel'stve. Moskva, Stroiizdat, 1965. 234 p.

- Vorobiev, V. A. [Principles of the technology of plastic building materials.] Osnovy tekhnologii stroitel'nykh materialov iz plasticheskikh mass. Moskva, Vysshaya shkola, 1965. 323 p.

PLASTICS IN MEDICINE

- Alloplasty of arteries in injuries of the main vessels and their sequelae. M. I. Lytkin, L. V. Lebedev, A. A. Kurygin. Ortop., travm. i protez. 28 no. 8 23-28 Ag '65.
- Alloplasty of the patella. G. S. Samoilov. Ortop., travm. i protez. 28 no. 8 20-23 Ag '65.
- Restoration of the ligament apparatus of the knee joint with a capron cord. N. I. Gurgendze. Ortop., travm. i protez. 28 no. 8 21-25 Ag '65.
- Results of restoring the cruciate ligaments of the knee joint with a lavan band. A. B. Aronova. Ortop., travm. i protez. 28 no. 9 10-20 Ag '65.
- Results of the use of plastic packages in tissue preservation. I. U. P. Delevskiy, G. A. Shcherbak. Ortop., travm. i protez. 28 no. 8 62-65 Ag '65.
- Use of synthetic materials in veterinary surgery. I. I. Magda, I. I. Voronin, I. P. But. Veterinarika 41 no. 12; 43-47 D '64.

PLASTICS IN SHIPBUILDING

- (see also subdivision under Leningrad; Poland)
- Capron on the parts of paddle wheels subjected to friction. I. U. Iashkov. Rech. transp. 24 no. 5 33 '65.
- Marine sanitary-engineering installations from plastics. V. Blagov, V. Kudrets. Mor. flot 24 no. 8 20-30 Ag '64.
- Some problems arising in connection with the use of synthetic materials in shipbuilding. V. D. Bartenev. Sudostroenie no. 8 13-46 Ag '65.
- Technical and economic evaluation of building methods and the constructions of large glass reinforced plastic objects. V. N. Aroslavtsev. Sudostroenie no. 8 51-53 Ag '65.
- Use of plastic materials in mounting ship mechanisms on foundations. I. Kilashnikov. Rech. transp. 21 no. 8 40 Ag '62.

PLASTICS IN THE MACHINERY INDUSTRY

- (see also subdivision under North Caucasus Economic region; West Ural Economic region; White Russia)
- Deformation of structural plastics in machinery and rheological instruments. V. S. Fadeeva, B. M. Geishkovich, T. M. Shapiro. Stroitel. mat. 11 no. 5 25-27 My '65.

- Effect of deformations on the bending resistance of polyamide pipes. A. A. Chelishchev, S. K. Shadrashvili. Soob. AN Gruz. SSR 39 no. 3 110-116 Ag '65.

- Plastic made from wood. M. Tugushev. Inform. bulet. VDKKH no. 9 13 '65.

- Results of a contest of works on the use of plastics in the machinery manufacture. Plast. massy no. 8 67 '65.

- Self-hardening plastic as a substitute for metal in the manufacture of food machinery. H. I. Val'chuk, M. I. Bobb, H. M. Machukovskiy. Tekhn. prom. 42 no. 120-125 JI-Ag '65.

PLASTICS IN THE PETROLEUM INDUSTRY

- Equipment, materials, and epoxy plastic for repairing tanks, pipelines, pumping installations, and others. P. P. Butkov, A. V. Budorov. Transp. i khim. nefteprom. stroit. no. 8 31-38 '65.

PLASTICS INDUSTRY—BY-PRODUCTS

- Reclaiming of polyester at ethanen. H. D. Gerdankh and others. Plast. massy no. 9 66-68 '65.

PLASTICS INDUSTRY—MATHEMATICAL MODELS

- Optimization of the structure of the production of plastics. N. Fedorenko, V. Ioffe, A. Alonkin. Plan. khoz. 42 no. 10 10-51 O '65.

PLASTICS MACHINERY

- Investigating heat transfer in the viscous flow of polymers in straight-line channels with a rounded cross section. I. I. Churavskiy, V. I. Koshelnin. Khim. mashinost. no. 1 67-71 '65.
- Model "DA2240" 1000-ton-force hydraulic press for plastics. N. I. Nalgaev. Plast. massy no. 8 20-30 '65.
- New automatic machines "P500A" for the manufacture of thermoplastics. N. I. Nalgaev, G. A. Hladchenko, I. I. Udler. Plast. massy no. 9 10-51 '65.

PLASTUNOVSKAYA (KRASNODAR TERRITORY)—ATHEISM—STUDY AND TEACHING

- In the club of a Cossack village. M. Anoldin. Agitate. 43 no. 39 35-36 S '65.

PLATE GLASS—DEFECTS

- Investigating the composition and the nature of chemical heterogeneities in industrial glass. K. T. Bondarev, V. A. Minakov, A. A. Zaitova. Stok. i ker. 22 no. 6; 13-16 Ag '65.

PLATE GLASS—TESTING

- High natural strength of sheet glass. I. P. Vitman, G. S. Pugachev, V. P. Pukh. Stok. i ker. 22 no. 8 12-13 Je '65.
- Using the statistical theory to estimate the strength of window glass. O. K. Bolotnikov and others. Stok. i ker. 22 no. 9 11-17 S '65.

PLATE TOWERS

- Calculating the flooding rate for gas-solid systems in downcomerless plate towers. L. N. Serpionova and others. Trudy MKHTI no. 47 35-38 '64.
- Calculating the number of evening stream type plates in distillation. I. U. K. Molokanov. Khim. i tekhn. top. i masel 10 no. 8 42-48 Ag '65.
- Determining the number of plates in the absorption column by the surface of the phase contact. A. I. Rodionov, A. M. Koshnikov, V. M. Radikovskiy. Trudy MKHTI no. 47 5-10 '64.
- Dynamics of hydraulic processes taking place on the downcomerless mesh plates. I. K. Shmidt, Zh. A. Koval', D. A. Kuznetsov. Trudy MKHTI no. 17 30-34 '64.

- Kinetic calculations of plate towers with the use of the enthalpy diagram. V. A. Ivanov, A. N. Plavovskiy. Khim. prom. 41 no. 8 800-81 Ag '65.

- Mixing of gas in apparatus with a fluidized bed and stepped sieve plates. M. G. Gazanchikova, I. G. Martynukhin, A. N. Plavovskiy. Khim. i tekhn. top. i masel 10 no. 9 38-42 S '65.

- Studying the sieve plates for the absorption of nitrogen oxides. V. I. Atroushchenko, M. T. Ivankhnenko, V. I. Konyev. Khim. prom. 42 no. 9 676-680 S '65.

PLATE TOWERS—MATHEMATICAL MODELS

- Mathematical model of the plate characteristic of a commercial ethane-ethylene rectification column. V. N. Krivaynov, S. B. Anonin, B. M. Ivanovskiy. Khim. prom. 41 no. 8 617-620 Ag '65.
- Static characteristics of the rectifying tower. L. L. Reikop, F. M. Trakhtenberg, M. L. Mandel'man, B. B. Ispirt. prom. 31 no. 6 13-18 '65.

PLATES (ENGINEERING)

- Using the Trefftz method in solving some problems in structural mechanics. A. M. Kakhadze, G. O. Tsanova. Soob. AN Gruz. SSR 38 no. 2 359-366 My '65.

PLATES (ENGINEERING)—VIBRATION

Determining the frequencies of natural vibrations of triangular and trapezoidal plates. V.G. Piskunov. Izv. vyz. ucheb. zav., stroi i akhiz. 8 no. 9:58-62 '65.

PLATINUM CATALYSTS

Effect of sodium on the properties of a platinum-alumina catalyst. N.R. Burstein, S.B. Kogan, Z.A. Davydova. Khim. i tekhn. 6 no. 4:741-746 JI-Ag '65.

Low temperature hydrogenation of vegetable oils on platinum group catalysts on carbon. L.I. Zueva, D.V. Sokol'skii. Trudy Inst. khim. nauk AN Kazakh SSR 13:146-161 '65.

Oxidation of hydrogen on platinum. V.I. Popov, S.Z. Roginskii. Khim. i tekhn. 6 no. 1:695-703 JI-Ag '65.

Platinum, palladium, and platinum-palladium catalysts on carriers for carbon monoxide oxidation. D.V. Sokol'skii, N.M. Popova, M.B. Syzdykbaeva. Trudy Inst. khim. nauk AN Kazakh SSR 13:118-115 '65.

PLATINUM ELECTRODES see Electrodes, Platinum

PLATINUM PLATING

Platinization of titanium and tantalum electrodes in amino-nitrate electrolytes. L.V. Kudriavtseva, K.N. Kharlamova, M.I. Morikhov. Zashch. met. 1 no. 5:500-504 S-O '65.

PLATINUM-RHODIUM ALLOY PLATING

Electrodeposition of a platinum-rhodium alloy from a hydrochloric acid electrolyte. G.V. Korlova, V.I. Lainei. Zashch. met. 1 no. 5:511-514 S-O '65.

PLAYS FOR CHILDREN see Children's plays

PLEKHANOV, GEORGI VALENTINOVICH, 1856-1918
Russian symbolism as appraised by G.V. Plekhanov. G.P. Semenova. Vest. LGU 20 no. 11:83-94 '65.

PLETHYSMOGRAPHY

Changes in vascular reactions depending on the location of the application of therapeutic mud and its temperature. M.V. Kobhanovich, O.A. Volnova, A.M. Volynskii. Vop. kur., fizioter. i lech. fiz. kul't. 29 no. 4:330-338 JI-Ag '64.

Vascular reactions in chronic reactive states. K.S. Ratner. Probl. obshchei i sud. psikh. 10 no. 4:267-273 '63.

PLEURIA—INNERVATION

Materials on the study of the nervous apparatus of the parietal pleura. Kh.N. Amirov. Nauch. trudy Kaz. gos. med. inst. 14:73-74 '64.

PLEUROPNEUMONIA LIKE ORGANISMS

Basic trends in the cinematographic study of L-form bacteria and Mycoplasma. S.G. Komm and others. Vest. AMN SSSR 20 no. 8:20-22 '65.

Biology of L-form bacteria and Mycoplasma, pathogens of diseases of the respiratory organs and the upper respiratory tract. S.B. Pizorovskii and others. Vest. AMN SSSR 20 no. 8:74-82 '65.

Chemical composition of an L-culture of β -hemolytic streptococcus of the A group and its reversals. A.N. Bitkova, E.I. Koptlova, R.P. Kavtorina. Vest. AMN SSSR 20 no. 8:20-31 '65.

Comparative characteristics of the cytopathogenic effect of various types of L-form bacteria and Mycoplasma in tissue culture. G.I.A. Kagan and others. Vest. AMN SSSR 20 no. 8:60-74 '65.

Comparative study on the substructure of the L-form of *Proteus vulgaris* and the L-form of *Streptococcus haemolyticus*. I.A. Shadrina. Vest. AMN SSSR 20 no. 8:17-20 '65.

Genetic mechanisms of the formation of L-form bacteria and the perspectives of further studies. V.S. Lovashov. Vest. AMN SSSR 20 no. 8:32-37 '65.

L-forms of some types of pathogenic bacteria. Z.N. Kochemasova and others. Vest. AMN SSSR 20 no. 8:39-46 '65.

Results and perspectives of the study on L-form bacteria and the family Mycoplasmataceae. V.D. Timakov, G.I.A. Kagan. Vest. AMN SSSR 20 no. 8:3-12 '65.

Results of experimental infection of *Maceus speciosus* monkeys with L-forms of *Streptococcus haemolyticus*. G.I.A. Kagan and others. Vest. AMN SSSR 20 no. 8:54-60 '65.

Some physiological characteristics of L-form bacteria of various types and Mycoplasma as possible sources of their differentiation. A.N. Bitkova, E.I. Koptlova, R.P. Kavtorina. Vest. AMN SSSR 20 no. 8:23-20 '65.

PLIEKSANS, JANIS, 1865-1929

"Resounding flame." V.Chalmaev. Oktjabr' 42 no. 9:160-161 S '65.

PLISETSKAYA, MARIA MIKHAILOVNA, 1926-

A film about a ballerina. Evg. Ivanova. Sov. muz. 20 no. 8:115-118 Ag '65.

PLOWING see subdivision under Colchubya Steppe

PLOWS

Attachment to the PP-5-15 plow. V. Stryk. Tikh v sel' khov. 25 no. 8:85 Ag '65.

PLUM—VARIETIES see subdivision under Georgia

PLUSH

Use of acetate silk in the manufacture of Art. 7113 plush. R.D. Ehemov, N.S. Postolova, M.T. Lozyts'ka. Leli. prom. no. 3:51-52 JI-S '65.

PLUTONIUM ISOTOPES—INDUSTRIAL APPLICATIONS

Graduation of EM-6 scintillation emanometers with Pu239 preparations. V.K. Titov. Vop. rad. geofiz. no. 5:128-130 '65.

PNEUMATIC CONTROL

Multiplex pneumatic sweep for a centralized automatic control system. V.A. Afonin. Trudy MEI no. 52:147-154 '63.

Pneumatic control of assembly units of drilling rigs manufactured by the "Bairikady" Plant. M.A. Pavlov-torov. Mash. i avtom. prom. no. 8:30-32 '65.

PNEUMATIC CONVEYING

Aerodynamic characteristics of some materials used in the manufacture of artificial leather and plastic films. A.M. Lubich. Izv. vyz. ucheb. zav., tekhn. leg. prom. no. 4:63-68 '65.

Efficient methods for harvesting milled pent with the use of pneumatic conveying unit techniques. Toif. prom. 42 no. 8:31 '65.

Rotary air blower and its use in the distilling and fermentation industry. A.P. Komarov. Form. i spl. i. prom. 31 no. 6:18-23 '65.

PNEUMATIC MACHINERY

Calculating the filling time in pneumatic systems with small working volumes. A.P. Kukushkin, I.M. Filimelekh. Trudy LPI no. 250:31-40 '65.

Efficiency of using the effect of a flow of compressed air in piston pneumatic engines. V.A. Marzin. Izv. vyz. ucheb. zav., gor. zhuk. 8 no. 7:153-160 '65.

PNEUMATIC TOOLS

Calculating the productivity of a pneumatic hammer drill. B.B. Bezhakov. Trudy LPI no. 250:11-16 '65.

PNEUMATIC TUBE TRANSPORTATION

Pneumatic mail transportation in the Ivov telegraph and telephone exchange. M.I.A. Glubozon, I.M. Pavlychev. Vest. svyazi 25 no. 9:16-17 S '65.

Using pneumatic tubes for the transportation of metal samples. S.A. Brainin, E.I. Dombrovskii, G.A. Khomutskaya. Mekh. i avtom. prom. 10 no. 9:6-7 S '65.

PNEUMOENCEPHALOGRAPHY

Therapeutic significance of pneumoencephalography in epilepsy. I.M. Kamianov. Zhuk. nevro. i psikh. 65 no. 9:1398-1399 '65.

PNEUMOGASTRIC NERVE see Vagus nerve

PNEUMONIA

Changes in some functions of the external respiration during chronic pneumonia in children. E.S. Timakov. Sov. med. 28 no. 9:32-34 S '65.

Dynamics of some enzymes and vitamins during the treatment of bronchopneumonia in sheep with antibiotics. T.A. Konegarin. Vest. sel'khov. nauk [Kazakh] 8 no. 9:30-37 S '65.

Effectiveness of neuroplegic preparations in the compound treatment of toxic forms of acute gastrointestinal diseases and pneumonia in very young children. V.P. Davydov, G.G. Nazarenko, G.T. Sharagezian. Sov. med. 28 no. 8:75-79 Ag '65.

Nonspecific or immunological reactions in infants with pneumonia. I.M. Rukhladze. Soob. AN Gruz. SSR 38 no. 2:487-502 My '65.

PNEUMOPERITONEUM, ARTIFICIAL

Pneumoperitoneum as a method for the diagnosis of postoperative interperitoneal adhesions. N.G. Gataullin. Sov. med. 28 no. 9:88-100 S '65.

PODOLIAN ECONOMIC REGION—CANNING INDUSTRY

Clearing the millstones of the seven-year plan. I.A. Averichev. Kons. i ov. prom. 20 no. 9:31-32 Ag '65.

PODZOL

(see also subdivision under Leningrad Province)

Amounts of mineral fertilizers for fiber flax in turf-Podzolic soils of a low cultivation degree. E.S. Karpova. Agrokhimika no. 9:52-55 S '65.

POGONOPHORA

Structure of tentacles in *Neorallium murmanicum* (Pogonophora). N.A. Dmitrieva. Vest. LGU 20 no. 15:160-160 '65.

POIN

Some functional and morphological changes in tumorous cells under the influence of poin. O.K. Lipina. Nauch. trudy Kaz. gos. med. inst. 14:377-385 '61.

POISONOUS PLANTS see subdivision under Daghestan

POISONS

Mechanized preparation of solutions of highly active poisonous substances. A.I.A. Gidnev, I.N. Makarov. Mekh. i avtom. prom. 10 no. 9:8-9 S '65.

POLAND—ADVERTISING—CLOTHING AND DRESS

Among Polish friends. T. Stepaniants. Sov. tovg. 38 no. 9:54-58 S '65.

POLAND—COAL GASIFICATION, UNDERGROUND

Investigating the process of underground gasification of coal in Poland. M.K. Revva, D.K. Semenchenko, V.G. Smolinov. Trudy VNIIPodzemnaya no. 12:161-161 '64.

POLAND—COMMUNIST YOUTH

To the heart of everyone. Stanislaw Chaslak. Mol. komm. no. 9:98-101 S '65.

POLAND—DESIGN, INDUSTRIAL

Industrial design at the Poznan Fair of 1965. T. Kerskil. Tekh. est. 2 no. 8:26-27 Ag '65.

POLAND—EARTHMOVING MACHINERY—HYDRAULIC DRIVE

Universal hydraulic loader "Tapi" H-32. K. Zdenek. Stroj. i avtom. prom. 10 no. 8:16-17 Ag '65.

POLAND—ECONOMIC CONDITIONS

Welcome to Warsaw! Ignacy Loga-Sowinski. Vsem. prof. svyazi. no. 5:3-5, 8 S '65.

POLAND—ECONOMIC POLICY

Use of synthetic balance in Polish planning practice. O.A. Solov'ev. Osh. po sovr. sov. i zarub. ekon. no. 1:147-171 '65.

POLAND—FLAX—STANDARDS

Standardization and quality evaluation of flax fibers in the Polish People's Republic. K. Naumovich. Izv. vyz. ucheb. zav., tekhn. tekst. prom. no. 4:37-39 '65.

POLAND—FOREIGN RELATIONS—ITALY

The president of Italy visits Poland. N. Trofimova. Nov. vsem. 23 no. 13:12-13 O '65.

POLAND—FOREIGN RELATIONS—RUSSIA

Wycech, Czeslaw. [Reminiscences, articles, studies. Translated from the Polish] Vospominaniya, stat'i, issledovaniya. Red. I.S. Miller. Moskva, Progress, 1965. 438 p.

POLAND—HISTORY

Wycech, Czeslaw. [Reminiscences, articles, studies. Translated from the Polish] Vospominaniya, stat'i, issledovaniya. Red. I.S. Miller. Moskva, Progress, 1965. 438 p.

POLAND—LOADING AND UNLOADING

From the pages of Polish journals. G. Zenevich. Mor. flot 24 no. 8:42-43 Ag '64.

POLAND—MARINE NUCLEAR REACTOR PLANTS

From the pages of Polish journals. G. Zenevich. Mor. flot 24 no. 8:42-43 Ag '64.

POLAND—MOTION PICTURES

Michalek, Bolelaw. [Notes on Polish motion pictures. Polish cinematographers about themselves. Translated from the Polish] Zametki o pol'skom kino. Pol'skie kinematografisty o sebe [By] Stanislaw Janitskii. [Moskva, Iskustvo, 1964] 302 p. illus. (MI)

POLAND—MUSIC—PHILOSOPHY AND AESTHETICS

Living creativity or the sacrament of "experiment." Sov. muz. 20 no. 9:136-139 Ag '65.

POLAND—PLASTICS IN SHIPBUILDING

From the pages of Polish journals. G. Zenevich. Mor. flot 24 no. 8:42-43 Ag '64.

POLAND—ROCKETS IN METEOROLOGY

Meteorological rocket "Meteor." Priroda 54 no. 9:110 S '65.

POLARIZATION (ELECTRICITY)

(see also subdivision under Akhtala region, Armenia)
Automatic reading of polarization curves in the coordinates of a potential - current density logarithm. S.P. Novitskii, N.P. Onustin, A.M. Shkaruba. Zhuk. fiz. khim. 39 no. 8:2057-2060 Ag '65.

Relation between the potential of scale-coated steel and the decrease in weight of the sample in acid etching. Part 2: Behavior of steel during cathodic and anodic polarization. A.S. Afanas'ev, G.M. Khvedchenia. Ukh. khim. zhuk. 31 no. 8:856-863 '65.

POLARIZATION (ELECTRICITY) (Continued)

- Study of corrosion in tap waters by means of the polarization curve method. R. I. Iatsk, H. Turkson. *Khim. i tekhn. gor. sluzh. i prod. tekhn.* no. 13 179-189 '64
- Theory of electrolysis in oxidation-reduction systems in the presence of simultaneous, occurring chemical and concentration polarization. Part 2. I. P. Kholopov. *Zhur. fiz. khim.* 39 no. 8 2024-2027 Ag '65.

POLARIZATION (LIGHT)

- Polarization-optical method of studying structural phase transitions in solutions and films. S. I. Frenkel' and others. *Vysokom. soed.* 7 no. 5 854-859 My '65

POLAROGRAPH

- Semiautomatic attachment to a polarograph for working with a rotating hard electrode. I. U. I. Bellis. *Lab. delo* no. 9 569-571 '65

POLAROGRAPHY

- Aldehydes in volatile substances emitted by mashed leaves. V. Sh. Kafabadze, S. N. Shorin. *Soob. AN Gruz. SSR* 39 no. 2 321-328 My '65.
- Control of electrolytic baths with the use of oscillographic polarography methods. I. U. S. Gorodetskiy. *Zashch. mut.* 1 no. 5 573-577 S-O '65
- Effect of various factors on the anodic peak of uranium in the methods of amalgam polarography with storage. E. K. Spirin, A. G. Stromberg. *Zhur. anal. khim.* 20 no. 7 807-810 '65
- Nature of polarographic waves of some polyvalent ions. Electrolysis of hexavalent tungsten solutions without superimposed external E, M, F. E. F. Speranskina, D. B. Mambeeva. *Zhur. fiz. khim.* 39 no. 8 1837-1842 Ag '65.
- Polarographic behavior of 5-bromo-3, 8-dinitrophenyl-documene, G. P. Tikhomirova, S. L. Belen'kaia. *Zhur. anal. khim.* 20 no. 9 994-999 '65.
- Polarographic determination of aluminum in waste waters. M. M. Buzlanova, N. A. Kurochkina. *Zav. lab.* 31 no. 8 947 '65.
- Polarographic determination of aromatic amines using a rotating platinum anode. V. D. Bezuglyi, I. U. I. Bellis. *Zhur. anal. khim.* 20 no. 9 1000-1008 '65.
- Polarographic determination of organic compounds being reduced in the far negative region of potentials. Report 1. Polarography of alkyl-substituted styrenes. V. D. Bezuglyi, I. U. P. Ponomarev. *Zhur. anal. khim.* 20 no. 7 842-847 '65
- Polarographic kinetic currents of nicotinic acid, A. I. Tur'ian, G. V. Smirnova, O. A. Tolstikova. *Elektrokhimika* 1 no. 8 922-927 Ag '65.
- Polarographic method for determining dinitro-*o*-tho-cresol and the products of its transformation in biological media. G. A. Khokhol'ova. *Khim. v sel' khoz.* 3 no. 8 35-36 Ag '65
- Polarographic study of the acid-nitro conversion of 1, 2-nitrocyclohexanol and 1-nitrocyclohexene. I. A. Lubnitskii, P. M. Zaitsev, Z. V. Zaitseva. *Elektrokhimika* 1 no. 8 930-932 Ag '65.
- Polarographic study of the blood serum of schizophrenic patients. I. U. I. Vishniak, A. I. Krasnova. *Zhur. nev. i psikh.* 65 no. 2 251-255 '65.
- Polarographic study of the kinetics and equilibrium of the reaction of formaldehyde with amino acids. Part 2. B. P. Zhanatata, A. I. Tur'ian. *Kin. i kat.* 6 no. 4: 761-763 Ji-Ag '65.
- Polarographic study of the system monoethanolamine-formaldehyde. P. M. Zaitsev, Z. V. Zaitseva. *Ukr. khim. zhur.* 31 no. 8:820-827 '65.
- Polarography of conjugated systems in dimethylformamide. Part 1. Vitamin D and related compounds. V. G. Matranovskii, G. I. Samokhvalov. *Elektrokhimika* 1 no. 8:998-1000 Ag '65.
- Polarography of tellurium. Part 1. Tetravalent tellurium. S. I. Zhdanov, R. G. Pata. *Elektrokhimika* 1 no. 8:947-954 Ag '65.
- Polarography of 2-acetylthiophene and its bromo derivatives. On the preceding protonation in the electrochemical breaking of the C-Br bond of 5-bromo-2-acetylthiophene. S. G. Matranovskii, N. V. Barashkova, I. U. B. Vol'kenshtein. *Izv. AN SSSR, Ser. khim.* no. 9 1539-1547 '65.
- Pulse polarographic method of analysis of solutions at high temperature. B. Ia. Kaplan, A. A. Sorokovskaia, O. A. Shiriaeva. *Zhur. anal. khim.* 20 no. 8:827-833 '65
- Single-electron polarographic reduction of 2-nitrofur and its derivatives in water-alcohol media. I. A. P. Stradyn', G. O. Reikhsmanis, R. A. Gavar. *Elektrokhimika* 1 no. 8:955-961 Ag '65.
- Use of polarographic technique in studying the reaction of aniline with benzaldehyde and its derivatives. V. D. Bezuglyi, V. N. Dmitrieva, L. V. Skvortsova. *Kin. i kat.* 6 no. 4 737-740 Ji-Ag '65.
- POLAROGRAPHY—CONGRESSES**
- All-Union Conference on the use of polarography in the chemistry and technology of polymers. V. N. Dmitrieva. *Zhur. anal. khim.* 20 no. 7:902 '65.

POLESYE—SOIL CHEMISTRY

- Soil-biogeochemical areas in White Russian Polesye. K. I. Lukashov, N. N. Petukhova. *Dokl. AN BSSR* 9 no. 7 468-472 Ji '65.

POLESYE—TRACE ELEMENTS

- Soil-biogeochemical areas in White Russian Polesye. K. I. Lukashov, N. N. Petukhova. *Dokl. AN BSSR* 9 no. 7 468-472 Ji '65.

POLIOMYELITIS—COMPLICATIONS AND SEQUELAE

- Mol'skaya, N. E. [Compound treatment of the sequelae of poliomyelitis under the sanatorium and health resort conditions of Yevpatoriya]. *Kompleksnoe lechenie bol'nykh s posledstviyami poliomyelita v sanatorno-kurortnykh usloviyakh Yevpatoriy. Kiev, Zdorov'ia*, 1965. 155 p. (Kurortiv) (DNLM)

POLIOMYELITIS VIRUSES

- Electrotopia of guanine mutations of the poliomyelitis virus. V. I. Agol, E. A. Tol'skaya, M. A. Voroshilova. *Dokl. AN SSSR* 164 no. 2 433-136 S '65

POLIOMYELITIS VIRUSES—CULTURES AND CULTURE MEDIA

- Cytochemical study of proteins in tissue cultures under normal conditions and under the influence of influenza and poliomyelitis viruses. L. P. Izakova. *Tsitologiya* 6 no. 3 337-342 My-Je '64.

POLISH ALMANACS see Almanacs, Polish

POLISH EPIGRAMS see Epigrams, Polish

POLISH LITERATURE—HISTORY AND CRITICISM

- Viedina, V. P. [Polish proletarian prose in the twenty years between the wars, 1918-1939, on the formation of a method]. *Pol'ska proletars'ka poza nizhvolenoho dvadcatylytillia (1918-1939): do pytan'na stanovlennia metody.* Kyiv, Naukova dumka, 1965. 216 p.

POLISHING, ELECTROLYTIC see Electrolytic polishing

POLITICAL SCIENCE

- Dovatur, A. I. [Aristotle's Politics and Politika]. *Politika i Politi Aristotela.* Moskva, Nauka, 1965. 388 p.

POLLEN

- Germination of the pollen of *Robinia pseudacacia*, *Robinia neomexicana* and *Caragana arborescens*. G. D. Frolova. *Blud. Glav. bot. suda* no. 57:69-76 '65.
- Pollen allergy in animals. N. I. Pasternak, V. G. Byalin. *Veterinaria* 12 no. 7:88-89 Ji '65.

POLLEN, FOSSIL see subdivision under Volga Valley

POLLINATION see Fertilization of plants

POLONIUM ISOTOPES—PHYSIOLOGICAL EFFECT

- Mechanism of gas exchange disturbance in dogs with radiation sickness caused by ^{210}Po . V. P. Fedotov, G. I. Rezin. *Radiobiologiya* 5 no. 4:522-524 '65.

POLOSUKHIN, ALEKSANDR PORFIR'EVICH, 1901-1966

- A. P. Polosukhin; an obituary. *Vest. AN Kazakh SSR* 12 no. 9 ii-iii S '65.
- The funeral of Aleksandr Porfir'evich Polosukhin. *Vest. AN Kazakh SSR* 21 no. 9 v-vi S '65.
- A grave loss, S. Balshov. *Vest. AN Kazakh SSR* 21 no. 8 iii-iv S '65.

POLTAVA—FOOD MACHINERY—DESIGN AND CONSTRUCTION

- Manufacture of a new mechanized continuous production line for ready-to-cook hamburgers. V. O. Paramonov, A. A. Blitov. *Khar. prom.* no. 3:16-17 Ji-S '65.

POLYAMIDES

- Certain features of the synthesis of aromatic polyamides in solvents of the amide type. V. N. Savinov, L. B. Sukolov. *Vysokom. soed.* 7 no. 5 772-777 My '65.
- Copolymerization of hexahydro-p-aminobenzoic acid lactam with ϵ -caprolactam and ξ -cinnolactam. O. P. Rokachevskaya, A. V. Volokhina, G. I. Kudriavtsev. *Vysokom. soed.* 7 no. 6:1092-1097 Je '65
- Effect of stabilizers on a prolonged thermal oxidative aging of the polyamide "66." B. M. Kovarskaya and others. *Plast. massy* no. 6:7-8 '65.
- Exchange interaction between polyarylates and polyamides in a high-boiling solvent medium. V. V. Korshak, S. V. Vinogradova, M. M. Teplov. *Vysokom. soed.* 7 no. 6:1408-1409 Ag '65.
- Lengthening the service life of the "PK-4" polyamide film. V. A. Sidorov, G. M. Troshman, K. N. Aleksandrov. *Plast. massy* no. 8:61-62 '65.
- Study of alcohol solutions of dyes and pigments in the presence of polyamide. A. V. Karakina, L. A. Chmutina. *Zhur. fiz. khim.* 39 no. 8:1895-1899 Ag '65.
- Synthesis and copolycondensation of cis- and trans-isomers of γ -(3-aminocyclohexyl) butyric acid. R. S. Muromova and others. *Vysokom. soed.* 7 no. 8:1354-1358 Ag '65.

- Synthesis and properties of polyamides with carboxyl groups. M. N. Hogdanov and others. *Vysokom. soed.* 7 no. 5 813-816 My '65

- Synthesis and properties of some fiber-forming polyamides with sulfamide groups. M. N. Hogdanov, I. M. Mandanova, V. V. Kravchenko. *Vysokom. soed.* 7 no. 5:873-877 My '65.

- Synthesis of polyphosphamides containing residues of β , β -diaminodithiol disulfide (cystamine). I. I. Nafumkin, S. M. Markov, A. P. Tsvetov. *Vysokom. soed.* 7 no. 1, 1020-1023 Je '65.

POLYCHAETA see subdivision under Yellow Sea

POLYETHYLENE

- Effect of impurities in the solvent on the synthesis of low-pressure polyethylene. N. M. Igolov and others. *Plast. massy* no. 9:1-3 '65
- Effect of some technological factors of extrusion on the orientation of sheet materials. M. G. Blumental' and others. *Plast. massy* no. 9:23-28 '65.
- Mechanical properties of polyethylene produced with the aid of soluble catalytic systems. L. N. Raspopov and others. *Vysokom. soed.* 7 no. 6:1302-1305 Ag '65
- Thermooxidation of irradiated polyethylene with commercial antioxidants. G. I. Gladkova and others. *Plast. massy* no. 9 9-12 '65.

POLYMERIZATION

- Azaymerical polymerization of (trans-1-phenyl-2, 3-butadiene). A. D. Aliev, B. A. Krentar', T. N. Fedotova. *Vysokom. soed.* 7 no. 5 1443-1446 Ag '65
- Butyllithium-catalyzed polymerization of phenyl methacrylate. A. A. Korotkov, Z. A. Azimov, S. P. Mitenev. *Vysokom. soed.* 7 no. 6 1326-1331 Ag '65
- Catalytic polymerization of tert-butyl methacrylate and the study of the structure of the polymers obtained. Z. A. Azimov, S. P. Mitenev, A. A. Korotkov. *Vysokom. soed.* 7 no. 6 1311-1316 My '65
- Copolycondensation of α , ω -amino acids with linear oligomers of polyethylene terephthalate. A. I. Kozakina, G. I. Kudriavtsev, A. A. Konkin. *Vysokom. soed.* 7 no. 5:908-912 My '65
- Copolymerization of tetrahydrofuran with α -oxido. B. A. Rozenberg and others. *Vysokom. soed.* 7 no. 6 1010-1015 Je '65.
- Copolymerization of three-, four-, and five-membered oxides under the effect of organoaluminum compounds. L. V. Afetova, V. A. Kravchenko. *Vysokom. soed.* 7 no. 6 1065-1069 Je '65
- Determination of the chain transfer constants in the reaction of ethylene with ethyl iodide. V. Ia. Kalashnikov, E. D. Safronenko, I. B. Afanas'ev. *Vysokom. soed.* 7 no. 5:923-927 My '65
- Development of the continuous method for the preparation of polyisobutylene with 10,000 and 20,000 molecular weights. V. I. Anosov and others. *Khim. i tekhn. topol. masel* 10 no. 8:10-24 Ag '65.
- Effect of the conditions of preparation of a catalytic system on the valency of vanadium in a complex and the copolymerization of ethylene with propylene. Yu. Obloy, M. Umlat, M. Nowakowska. *Vysokom. soed.* 7 no. 5:930-944 My '65.
- γ -Ray-induced polymerization of isobutylene in the presence of azides. E. V. Krut'nyi, S. S. Medvedev. *Vysokom. soed.* 7 no. 8:1177-1182 Ag '65.
- γ -Ray-induced polymerization of isobutylene in the presence of ZnO and Al_2O_3 . I. V. Krut'nyi, S. B. Medvedev. *Vysokom. soed.* 7 no. 8:1373-1376 Ag '65.
- Homopolycondensation of di-(β -aminophenyl) ether of methylphosphoric acid. P. M. Zavlin, V. V. Rozumovskii. *Vysokom. soed.* 7 no. 6 1415-1418 Ag '65.
- Kinetics of styrene polymerization in the presence of some tert-amy peracylates. V. D. Izrael'ev and others. *Ukr. khim. zhur.* 31 no. 8:834-838 '65.
- Kinetics of the polymerization of vinyl ether of N, N-dimethylglutaramide. G. N. Fridlin, K. A. Golov. *Vysokom. soed.* 7 no. 6:1040-1044 Je '65
- "Living" polymers of dimethacrylate-bis-(triethylene glycol) phthalate. T. I. Liputova, V. M. Sidorov. *Vysokom. soed.* 7 no. 8:1476-1477 Ag '65.
- Mechanism of heterogeneous-catalytic polymerization of ethylene oxide. O. V. Kiykov and others. *Vysokom. soed.* 7 no. 6:884-891 Je '65.
- Polymerization of amides of 4-vinylbenzoic acid. G. M. Pogostan, G. A. Zhamkochian, S. G. Matsolun. *Vysokom. soed.* 7 no. 5 828-830 My '65.
- Polymerization of cyclic phenylsiloxanetoxane. K. A. Andrianov and others. *Vysokom. soed.* 7 no. 8 1411 Ag '65.
- Polymerization of 1, 1-substituted silacyclobutenes. N. S. Nametkin, V. M. Vdovin, V. I. Zavalov. *Izv. AN SSSR, Ser. khim.* no. 8:1448-1453 '65.
- Polymerization of 1, 1-substituted silacyclopentanes. N. S. Nametkin and others. *Izv. AN SSSR, Ser. khim.* no. 8:1453-1459 '65.
- Polymerization of vinylcyclopropane derivatives with polar ring substituents. I. S. Lishanskii and others. *Vysokom. soed.* 7 no. 8:866-871 Je '65
- Preparation of polymerizable organosilicon oligomers, diethoxymethacrylate polyalkyl-(alkylaryl)-siloxanes. E. G. Novitski, N. D. Stugina. *Plast. massy* no. 8:21-27 '65.

POLYMERIZATION (Continued)

- Radiation cross-linking of polyelectrolytes based on polyacrylamide. IU. D. Kholodova, V. A. Shaipatyl, N. V. Zakatova. *Vysokom. soed.* 7 no. 5 705-801 My '65.
- Radiation-induced chemical cross-linking of polyolefins in the presence of sulfur monochloride. H. K. Kaurkova and others. *Dop. AN URSS* no. 9 1183-1186 '65.
- Radiation-induced polymerization of methyl acrylate in ethyl chloride solution. N. N. Rozovskaya, A. P. Shinkar, A. D. Abkin. *Vysokom. soed.* 7 no. 8 1383-1387 Ag '65.
- Radiation polymerization of methyl acrylate in triethylamine and tetrahydrofuran solution. N. N. Rozovskaya, A. P. Shinkar, A. D. Abkin. *Vysokom. soed.* 7 no. 9 1388-1393 Ag '65.
- Radiation polymerization of vinyl chloride in solid solutions at low temperatures. G. N. Gerasimov and others. *Dokl. AN SSSR* 164 no. 2 366-367 S '65.
- Some regularities in the polymerization of vinyl chloride in the presence of Ziegler-type catalysts. G. A. Razuvayev and others. *Vysokom. soed.* 7 no. 8 1364-1367 Ag '65.
- Synthesis and polymerization of some polyfunctional vinylsiloxanes. L. E. Gusev and others. *Vysokom. soed.* 7 no. 8 1400-1405 Ag '65.
- Termination and initiation reactions of the polymeric chain in the polymerization of propylene on VC1₃-Al(iⁿso-C₂H₅)₃. L. A. Novokoshova, V. I. TSvetkova, N. M. Chirkov. *Vysokom. soed.* 7 no. 5 898-901 My '65.
- Use of the electron paramagnetic resonance method for determining the rate constant of chain growth in the polymerization of polyacrylate esters. G. V. Korolev, D. R. Smirnov, L. I. Makhonina. *Vysokom. soed.* 7 no. 8 1417-1421 Ag '65.

Using arolat - A as an emulsifier in the emulsion polymerization of rubber. M. A. Ashimov and others. *Sbor. nauch. i tekhn. inform. Azerb. inst. nauch. i tekhn. inform. Ser. Neftel. i khim. prom.* no. 2 3-14 '62.

POLYMERS

All-Union Conference on the use of polarography in the chemistry and technology of polymers. V. N. Dmitrieva. *Zhur. anal. khim.* 20 no. 7 802 '65.

Anticorrosion polymer solution on the basis of Aryl resins and mineral fillers. I. M. Doucenkov, E. M. Mushina, R. I. A. Pliskina. *Stroitel. mat.* 11 no. 9 23 Ag '65.

Compatibility of polyamides with other polymers. V. I. Alekseenko, O. I. Vorontsova. *Kozh. - obuv. prom.* 7 no. 9 20-23 S '65.

Critical opalescence in solutions of polybutyl methacrylate in isopropyl alcohol and polydimethylsiloxane in tetralin. V. E. Eskin, A. E. Nestorov. *Vysokom. soed.* 7 no. 8 1359-1363 Ag '65.

Determination of the dynamic elasticity constants of polymeric materials in the field of action of γ-rays and fast electrons. A. I. Kurilenko, O. F. Tatarenko, V. I. Kaipov. *Vysokom. soed.* 7 no. 8 1422-1426 Ag '65.

Diffusion of paraffin in saturated carbochain polymers. V. K. Gromov and others. *Vysokom. soed.* 7 no. 5 802-807 My '65.

Effect of active additions on the time-temperature dependence of polymer strength. S. N. Zhurkov, V. R. Regel', I. P. Sanfillova. *Vysokom. soed.* 7 no. 8 1330-1343 Ag '65.

Effect of the method of preparation and the size of the side chain radical on the molecular weight distribution of polyarylates. G. I. Timofeeva, S. A. Pavlova, V. V. Korshak. *Vysokom. soed.* 7 no. 8 1436-1441 Ag '65.

Experimental study of polymeric derivatives of penicillin. N. I. Givental' and others. *Antibiotiki* 10 no. 9 701-708 Ag '65.

Fractional composition of (8-hydroxyquinoline) titanopolydimethylsiloxanes. K. A. Andrianov, I. A. Lavynin, N. V. Parlova. *Izv. AN SSSR. Neorg. mat.* 1 no. 7 1031-1034 Ji '65.

Gamma coefficient in the equation for stress-uptake strength. I. M. Ivanov. *Fla. i ver. tela* 7 no. 8 2520-2532 Ag '65.

Heat-etchable polyesters. Report 56. Fluorine-containing polyarylates. V. V. Korshak, S. V. Vinogradova, V. A. Pankratov. *Izv. AN SSSR. Ser. khim.* no. 9 1649-1654 '65.

Joining pipes from polymer materials. K. I. Zaitsev. *Stroitel. truboprov.* 10 no. 9 14-8 S '65.

Martinshev, S. R. [Some problems in the regulation of metabolism and natural polymers] Nekotorye problemy regulatsii obmena veshchestv i prirodnyye polimery. Moskva, Meditsina, 1965. 82 p.

Methods of evaluating the homogeneity of polymer solutions. K. E. Peropelkin, G. V. Konstantinova. *Plast. massy* no. 9 52-55 '68.

Molecular rotation in polymers. Part 2. O. N. Trapeznikova. *Vest. LGU* 20 no. 16 50-57 '65.

Polarization-optical method of studying structural phase transitions in solutions and films. S. I. A. Frenkel' and others. *Vysokom. soed.* 7 no. 5 854-859 My '65.

Polymer coatings for working surfaces of reinforced concrete matrices and plates. A. N. Ezeriskin, G. S. Mitnik. *Bot. i zhelezo-bet.* 11 no. 9 30-37 S '65.

Provide industrial construction with high quality polymer materials. IU. N. Afanas'ev, V. M. Spiridonov. *Prom. stroit.* 43 no. 9 2-3 '65.

Strength and deformability of fine grain concretes with polymer additives. A. V. Sankin, O. S. Popova. *Bot. i zhelezo-bet.* 11 no. 9 30-31 S '65.

Structure of a copolymer of butyl methacrylate and methacrylic acid. M. B. Konstantinopolskaya and others. *Vysokom. soed.* 7 no. 6 999-999 Je '65.

Study of the polydispersity of copolymers by the fractionation method. A. D. Litmanovich, V. I. Shtein. *Vysokom. soed.* 7 no. 8 1332-1331 Ag '65.

Synthesis and properties of polymeric Schiff bases. IU. A. Popov and others. *Vysokom. soed.* 7 no. 8 835-842 My '65.

Synthesis of polymeric mechanical compounds based on dextran derivatives. K. P. Khomiakov and others. *Vysokom. soed.* 7 no. 6 1035-1040 Je '65.

Synthesis of ramified oligomers with the central silicon atom and hydroxyl groups at the ends of branching. IU. K. Petroschko, M. B. Fromberg, K. A. Andrianov. *Izv. AN SSSR. Ser. khim.* no. 9 1709-1711 '65.

Synthesis of reactive polymers. Reactions of addition of the epoxide ring to the carboxyl group in polymers. I. A. Arbutova and others. *Vysokom. soed.* 7 no. 5 1021-1025 Je '65.

Synthesis of trifunctional cross-linked type ester acids and polyesters of regular space-network structure. K. A. Andrianov, M. B. Fromberg, T. M. Belkina. *Vysokom. soed.* 7 no. 8 1455-1462 Ag '65.

Thermal degradation of polyalkylene phosphoric acids and their salts. V. V. Rod and others. *Vysokom. soed.* 7 no. 8 1452-1455 Ag '65.

Use of polyacrylates for the strengthening of the skin of sheep pelts. T. A. Shmoleva and others. *Kozh. - obuv. prom.* 7 no. 9 33-35 S '65.

Use of polymer coatings. D. I. Solntsev. *Vest. TSNI MPS* 24 no. 8 53-55 '65.

X-ray diffraction method for determining the degree of polymerization of polymers. M. A. Martynov, K. A. Vylegzhanina. *Plast. massy* no. 8 50-53 '65.

POLYMERS—DENSITY

Density of graft copolymers obtained by radiation. Kh. U. Usmanov, R. S. Tillaev, U. N. Musaev. *Vysokom. soed.* 7 no. 8 1310-1313 Ag '65.

POLYMERS—DIPOLE MOMENTS

Influence of the structure of the monomer unit on the effective dipole moment and intramolecular interaction of some stereoregular polymers. G. P. Mikhailov, L. L. Burshtein, L. V. Krasner. *Vysokom. soed.* 7 no. 5 866-867 My '65.

POLYMERS—ELECTRIC PROPERTIES

Determination of microviscosity in stereoregular polyterphenyl methacrylate by the dielectric method. G. P. Mikhailov, L. L. Burshtein, L. V. Krasner. *Vysokom. soed.* 7 no. 5 870-872 My '65.

Sazhin, B. I. [Electrical conductivity of polymers] Elektroprovodnost' polimerov. 2. izd., dop. i perer. Pod red. G. P. Mikhailova. Moskva, Khimika, 1965. 150 p.

Studying the dependence on temperature of the resistivity and volt-ampere characteristics of polymers with three-dimensional structure. V. I. Gal', N. S. Matzev. *Plast. massy* no. 9 30-40 '65.

POLYMERS—TESTING

Elastoviscous deformations of some thermosetting polymers. G. A. Wang Fo-I, V. L. Oresov. *Pril. mekh.* 1 no. 8 100-103 '65.

Longevity of polymers under the effect of cyclic loading. A. M. Leksoskii, V. R. Regel'. *Vysokom. soed.* 7 no. 6 1015-1050 Je '65.

POLYMERS—THERMAL PROPERTIES

Studying the thermal oxidative degradation of polymers with a conjugated system of bonds. A. A. Berlin, G. V. Belova, O. G. Sol'skaya. *Plast. massy* no. 8 3-5 '65.

POLYMERS, EFFECT OF RADIATION ON

Diffusion of gases in polymers being subjected to ionizing radiation. A. G. Savin and others. *Vysokom. soed.* 7 no. 8 1427-1429 Ag '65.

POLYMETHYLENE COMPOUNDS

Molecular weight distribution of polytetramethylene oxide. B. A. Rozenberg and others. *Vysokom. soed.* 7 no. 6 1051-1055 Je '65.

POLYMETHYLENE COMPOUNDS—SPECTRA

Study of intermolecular reactions in free radical solutions of 2,2,b,b-tetramethylpentamethylene nitric oxide by the nuclear magnetic resonance method. IU. IU. Samoilov, D. Brailov. *Teoret. i eksper. khim.* 1 no. 3 387-393 My-Je '65.

POLYMORPHISM

More on the polymorphism of rare-earth pyrosilicates. A. N. Lazarev, T. F. Tenkova, I. A. Bondar'. *Izv. AN SSSR. Neorg. mat.* 1 no. 7 1207-1209 Ji '65.

POLYNOMIALS

Approximation of continuous functions by Teijer interpolated polynomials. B. L. Dintsev. *Uch. zap. Kazan. univ.* 124 no. 2 106-109 '64.

Behavior of certain classes of polynomials at infinity. Dokl. AN SSSR 161 no. 3 489-492 S '65.

Best approximation of the function $(x - c)^{-1} [x - c]^{1/2}$ by polynomials in the $L_q(-1, 1)$ ($q \geq 1$) space metric. R. A. Raitis. *Dokl. AN SSSR* 161 no. 1 51-53 S '65.

A geometrical property of the roots of polynomials. L. A. Nikolaev. *Vest. Mosk. univ. Ser. I. Mat., mekh.* 20 no. 5 223-226 S-O '65.

Some aspects of the theory of polynomials with constructive real coefficients. V. P. Orlovskiy. *Trudy Mat. inst.* 72 462-487 '61.

Vector analog of an algorithm of Charnes's \mathcal{E} -polynomials. A. S. Shteinberg. *Dop. AN URSS* no. 9 1133-1138 '65.

POLYPLOIDY

Bread of mankind, polyploidy and wheat breeding. V. I. Plamirev. *Prilozh. 51* no. 9 36-41 S '65.

Cytological characteristics of the development of triploid seeds. E. I. Tarasovich. *Dokl. AN SSSR* 9 no. 5 404-406 Je '65.

Cytology of spermatogenesis in tetraploid male silkworms. Report No. 2: Cytometric study. I. S. Bogdanova. *TSitologiya* 6 no. 3 298-304 My-Je '61.

Leaf spots in hexaploid wheat induced by chemical mutagens. T. V. Sel'nikova, N. N. Zoz. *Biul. MOIP. Otd. biol.* 70 no. 1 115-147 Ji-Ag '65.

Morphological changes in the nuclei of the giant cells of the trophoblast from the antimesometrial part of the uterus in a pregnant rabbit, polyploidy in mammalian cells. A. F. Goriadova. *TSitologiya* 6 no. 3 348-357 My-Je '61.

Some characteristics of the blood cells of triploid hybrids of *Lacerta saxicola* Eversmann, I. S. Davydovskii, E. N. Kravtchenko. *Dokl. AN SSSR* 164 no. 3 700-711 S '65.

Tetraploid forms of promising early varieties of sugar beets. M. R. Khassanova, V. S. Cheredeeva, I. P. Savon'kin. *Izv. SO AN SSSR* no. 3, Ser. biol., med. nauk no. 2 90-93 '65.

POLYPROPYLENE

Electron microscope study of the deformation of fibrillar densities of polypropylene. V. A. Kaighin, I. I. Gorina. *Vysokom. soed.* 7 no. 8 1323-1325 Ag '65.

Mechanism of inhibition of polypropylene oxidation by additions of tetraamethoxydiphenyl nitric oxide. L. I. Iasina and others. *Izv. AN SSSR. Ser. khim.* no. 5 1481-1483 '65.

POLYSACCHARIDES

Distribution of polysaccharide complexes in human stapes in health and in otosclerosis. L. G. Svanok, I. V. Uvarova. *Nauch. trudy Kaz. gos. med. inst.* 14 283-284 '64.

Protective effect of water-soluble polysaccharide from a yeastlike microorganism of the genus *Pullularia* on irradiated mice. A. G. Lobanok, P. A. Iulianov. *Dokl. AN SSSR* 9 no. 7 177-179 Ji '65.

POLYSACCHARIDES—SPECTRA

Mechanical degradation of polysaccharides studied by the electron paramagnetic resonance method. G. V. Abaginin, P. IU. Butagin. *Vysokom. soed.* 7 no. 6 1410-1414 Ag '65.

POLYZOA, FOSSIL see subdivision under Volga Valley

POPLAR

Production of increased yield unbleached woodpulp from poplar wood. K. A. Dolgov, S. F. Primakov, S. V. Tishchenko. *Bum. i dar. prom.* no. 3 32-34 Ji-S '65.

POPUDRENKO, MYKOLA MYKYTOVYCH, 1906-1943

Serhiienko, II. IA. [People of heroic deeds; hero of the Great Patriotic War, Mykola Popudrenko] Liudyn podvihu, hero Velikoi Vitchyznnoi voiny Mykola Popudrenko. Kyiv, Naukova dumka, 1964. 84 p. (CSI-II)

POPULATION FORECASTING

A glance at the year 2000. Fritz Hande. *Az. i Afr. sog.* 9 no. 8 11-13 Ag '65.

POPULATION RESEARCH

The way out of the "vicious circle." D. Valentei. *Az. i Afr. sog.* 9 no. 8 2-4 Ag '65.

POPULISM (NARODNICHESTVO)

Filipov, R. V. [The revolutionary populist organization of N. A. Ishtut and I. A. Khudjakov, 1803-1860] Revoliutsionnaia narodnicheskaia organizatsiia N. A. Ishtutina - I. A. Khudjakova (1803-1860). Petrozavodsk, Karelskoe knizhnoe izd-vo, 1964. 227 p.

PORCELAIN

High-strength porcelain for small high-voltage insulators. IA. P. Iashchuk, M. E. Lants. *Stek i ker.* 22 no. 9 39-42 S '65.

POLYMER

Complex study of the structure of some natural disperse systems with an "elastic" skeleton V. I. Klinev, N. N. G. 1970, P. A. S. 155R 164 no. 1 134-135 S '65.

Stability of the equilibrium of polymers in the process of potassium formation V. I. Klinev, L. V. AN SSSR Nauch. mat. 1 no. 7 1236-1237 JI '65.

POREOUS MATERIALS

Capillary equilibrium in porous media. Report 1. Formulation of the problem and derivation of equations V. S. 'farin, Izv. AN SSSR Ser. Khim. no. 9 1523-1530 '65.

Characteristics of surface ionization in a porous partition, Jh. V. Kiselev, L. V. Litvinov, L. V. V. ucheb. zav., av. tekhn. 7 no. 3 83-88 '65.

Investigating mass transfer caused by moisture extraction from capillary-porous materials R. I. Venekhtova, N. M. R. 1970, Izv. AN SSSR Ser. Khim. no. 9 1396-1398 S '65.

Thermodynamic functions of moisture absorbed by activated coal V. M. Kazanova, Ukt. fiz. zhur. 10 no. 9 1023-1028 S '65.

POREOUS MATERIALS—ELECTRIC PROPERTIES

Methods of determining the rate of penetration of metals into capillary-porous materials M. A. Shestobitov, S. L. Fok, B. V. Tsarevskii, Izv. AN SSSR Ser. Khim. no. 9 1396-1398 S '65.

POREOUS MATERIALS—TESTING

Investigating the mechanism of the deformation and fracture of porous iron A. I. A. Frasaovskii, Porosh. mat. 3 no. 8 74-81 Ag '65.

PORPHYRIN AND PORPHYRIN COMPOUNDS

Structure of products of the photooxidation reaction of porphyrins I. I. Gurinovich and others, Dokl. AN SSSR 164 no. 1 201-214 S '65.

PORPHYRY

(See also subdivision under Alayard region, Armenia, Aldan Plateau, Pamirs, Tajikistan)

Acid-resistant ceramics on a quartz porphyrins base M. A. Litvinov, Stek. 22 no. 7 18-20 JI '65.

Orthophosphates as fieldspar raw material for high voltage electronic porcelain S. I. Litvinov, Stek. 22 no. 9 7-8 S '65.

PORTACAVAY ANASTOMOSIS

Functional state of the stomach following the formation of anastomosis between the portal vein and the inferior vena cava V. S. D. A. Chigarev, Pat. fiziol. i eksp. terap. 9 no. 3 39 My-Je '65.

PORTAL HYPERTENSION

Results of splenoportography in the diagnosis of portal hypertension M. A. Karaev, R. G. Osipov, S. S. Troshchinskii, Azerb. med. zhur. 42 no. 6 11-16 Je '65.

PORTAL VEIN—RADIOGRAPHY see Splenoportography

PORTUGAL—COMMUNISTS

Measure of firmness D. Alekseev, Agitator 33 no. 18 57 S '65.

PORTUGAL—RELATIONS (GENERAL) WITH WEST GERMANY

The Bonn-Lisbon axis, L. Bobrov, Mezhdunar. zhizn. 12 no. 10 123-124 O '65.

POSTIONS

Annihilation of the positron in the e^+Li system, Din' Van Khoang, Zhur. eksp. i teor. fiz. 48 no. 2 630-634 Ag '65.

POSTAL SERVICE

(See also subdivision under Moscow)

Consultations on problems in postal service, I. P. Shumakov, Vest. svyazi 25 no. 9 30-31 S '65.

Dobychna, L. A. (Organization of postal communication) Organizatsia pochtovoi svyazi, Izd. 3, perer. i dop. Moskva, Svyaz', 1965. 266 p.

POSTAL SERVICE—LETTER CARRIERS see subdivision under Kiev

POSTERS

(See also subdivision under Kursk Province)

Curriculum of a school for artists-illustrators, Agitator 33 no. 18 31-32 S '65.

POSTURE

Developing a good posture in primary school students, N. Bellakova, Sov. pedagog. 29 no. 6 154-158 Je '65.

Summary amplitude of body fluctuations as an index of the stability of the standing posture in man, E. B. Babitskii, I. V. Terekhov, N. I. Babitskii, Biol. eksp. biol. i med. 60 no. 8 122-125 Ag '65.

POS'YET BAY—HYDROBIOLOGY

Hydrobiological exploration of Pos'yet Bay with diving equipment A. N. Golikov, O. A. S. 1970, Izv. AN SSSR Ser. Khim. no. 9 1396-1398 S '65.

POTASSIUM

(See also subdivision under Donetsk Basin, White Russia)

Determining the content of potassium and sodium in the chemical analysis of silicates using the immersion method, T. N. Burakova, Min. i geokhim. no. 1 157-162 '64.

Using the method of liquid extraction in the production of potassium and sodium from corresponding chlorides, Li-Ts'hi-shi (YI, Ch'a-shi), I. N. Shokin, Trudy MKITI no. 47 75-79 '61.

POTASSIUM—EFFECT ON PLANTS see Plants, Effect of potassium on

POTASSIUM-ARGON DATING see subdivision under Chukchi Peninsula

POTASSIUM CARBONATES

Studying the interaction of K_2CO_3 with iron oxides, D. A. Kuznetsov and others, Trudy MKITI no. 47 119-124 '61.

POTASSIUM CHROMATE

Crystallization of potassium dichromate in a circulating vacuum crystallizer, I. P. Odintsov, L. N. Matusevich, Khim. prom. 12 no. 8 687-690 S '65.

POTASSIUM COMPOUNDS—SPECTRA

Longwave infrared transmission spectra of KH_2PO_4 , I. M. A. 1970, P. A. S. 155R 164 no. 1 134-135 S '65.

POTASSIUM DICHROMATE

Dissolution of germanium in hydrochloric acid solutions of potassium dichromate, I. P. Sorokin, N. N. Sitnikova, G. M. Orlova, Vest. LGU 20 no. 10 119-122 '65.

POTASSIUM FERRATE

Reduction of potassium ferrite, D. A. Kuznetsov, I. E. Zubova, S. Kh. Egebaev, Trudy MKITI no. 47 120-133 '64.

Reduction of potassium ferrite, S. Kh. Egebaev, D. A. Kuznetsov, I. E. Zubova, Trudy MKITI no. 47 120-133 '64.

POTASSIUM FERRICYANIDE—SPECTRA

Vibrational spectra of crystalline potassium ferricyanides and ferrocyanides, I. U. A. Klinev, Zhur. prikl. spekt. 3 no. 1 42-47 JI '65.

POTASSIUM FERROCYANIDE—SPECTRA

Vibrational spectra of crystalline potassium ferrocyanides and ferrocyanides, I. U. A. Klinev, Zhur. prikl. spekt. 3 no. 1 42-47 JI '65.

POTASSIUM IN THE BODY

Changes in the content of sodium and potassium in the plasma and erythrocytes of cancer patients before and following surgery, B. A. Agaev, Azerb. med. zhur. 42 no. 4 20-27 An '65.

Effect of an antidiuretic hormone in hypokalemia in rats, M. G. Zaks, T. V. Krestinskii, M. M. Sokolova, Fiziol. zhur. 50 no. 12 1480-1495 D '64.

POTASSIUM SUPEROXIDE

Melting point of potassium superoxide, T. P. Firsova and others, Izv. AN SSSR Ser. Khim. no. 9 1676-1679 '65.

POTATO BEETLE—EXTERMINATION

State and problems of potato crop protection from the Colorado beetle in the U.S.S.R. G. A. Chigarev, Trudy VIZR no. 17 324-343 '63.

POTATO HARVESTING MACHINERY

Effectiveness of potato harvesting by stages, T. Valueva, V. Valueva, K. Tlovels, Tekh. v sel'khoz. 25 no. 8 11-12 S '65.

A promising potato digger, P. Belevich, Tekh. v sel'khoz. 25 no. 9 71-72 S '65.

POTATO HARVESTING MACHINERY—EXHIBITIONS

Potato harvesting "KKU-2" combine, Inform. biul. VDNKH no. 9 31 S '65.

The TZK-36 potato conveyor and loader, Inform. biul. VDNKH no. 9 31 S '65.

POTATO PRODUCTS

Methodology of the microscopic analysis of dried mashed potatoes, N. L. Oychar, K. E. Sharikov, K. B. Savova, Kons. i ov. prom. 20 no. 8 335-37 Ag '65.

POTATOES

(See also subdivision under Ukraine)

Effect of preceding crops on the rhizosphere microflora of potatoes, G. Sh. Seleznev, A. A. Levina, Izv. AN Kazakh. SSR, Ser. biol. nauk 3 no. 3 68-68 My-Je '65.

Effect of the diurnal variation of air temperature on the intensity of photosynthesis of the potato in the northern regions of the U.S.S.R., N. I. Khlyunovskii, M. 1970, Izv. AN SSSR Ser. Khim. no. 9 1396-1398 S '65.

Effect of the treatment of tubers with growth stimulants on the yield of potatoes O. I. Kikhlova, Dokl. AN SSSR Nauch. mat. 1 no. 7 15-17 JI '65.

What do you know about potatoes? Z. Glushchova, Sov. promishlenn. 21 no. 7 45 S '65.

POTATOES—ANALYSIS

Weight losses and changes in starch content of potatoes during freezing, G. S. Alekandrovich, Sakh. prom. 30 no. 8 62-65 Ag '65.

POTATOES—DISEASES AND PESTS

Biochemical changes in potato tubers infected with the stem nematode, S. P. S. 1970, P. A. S. 155R 164 no. 1 134-135 S '65.

Specialized habits of feeding in the potato stem nematode, S. P. S. 1970, P. A. S. 155R 164 no. 1 134-135 S '65.

Survival of the pathogen of wire stem in potato tubers, H. I. Smel'der, T. P. Gerashova, Dokl. Akad. sel'khoz. nauk no. 8 22-26 Ag '65.

POTATOES—FERTILIZERS AND MANURES

Effectiveness of the use of potassium compound for potatoes P. I. Kur'gov, Agrobiologiya no. 5 126 72 S '65.

POTATOES—PRESERVATION

Weight losses and changes in starch content of potatoes during freezing, G. S. Alekandrovich, Sakh. prom. 30 no. 8 62-65 Ag '65.

POTENTIAL, THEORY OF

Bound states of a particle moving in a nonlocal potential, O. M. Korotkov, Ukt. fiz. zhur. 10 no. 8 860-876 S '65.

Determination of the distribution of the characteristic of potential functions, V. N. Stukhov, Izv. Gos. univ. no. 44 132-161 '65.

Optical potential of a nucleus in an excited state, I. V. Iosadze, Izv. AN SSSR Ser. Khim. no. 9 1676-1679 '65.

Solution of basic problems in the potential theory and elasticity theory of some hollow and composite bodies, P. I. Parin, Izv. zhur. 5 no. 4 661-665 '65.

POTENTIOMETER

Attention of the measuring range of a self-oxidizing EPI-69 potentiometer, M. I. Galushko, I. N. G. 1970, P. A. S. 155R 164 no. 1 134-135 S '65.

Dual potentiometer with equal laws of resistance change, L. Serdachev, Radio no. 7 34 JI '65.

Use of an EPI-69-type potentiometer in recording work, M. I. Galushko, A. V. Sidorov, Zhur. lab. 31 no. 6 162 '65.

POTENTIOMETRIC ANALYSIS

Determination of cobalt by the potentiometric method, V. S. Romanova, N. I. Shishkova, Zhur. lab. 31 no. 6 164 '65.

Determination of thallium by potentiometric titration, carrying the current with two indicator electrodes, O. A. Songina, R. S. Khaltova, Izv. AN Kazakh. SSR, Ser. Khim. nauk 15 no. 2 25-30 Ap-Je '65.

Measurement of the potential of powdered catalysts in dielectric media, Part 1, A. B. Tsamun, G. V. T. 1970, P. A. S. 155R 164 no. 1 134-135 S '65.

Oxidation-reduction potential of the system $Ti^{2+} + Ti^{3+}$ in a $KCl + NaCl$ melt, B. F. Munkov, B. P. Polatov, Khim. zhur. 31 no. 8 73-75 '65.

Potentiometric titration of polyacrylic, polymethacrylic, and poly-L-glutamic acids, T. N. Nekrasova and others, Vysokom. med. 7 no. 5 813-821 My '65.

Study of lead and bismuth-lead amalgams by the I. M. 1. method, A. A. Nigmatullina, A. I. Zubova, Izv. AN Kazakh. SSR, Ser. Khim. nauk 15 no. 2 20-24 Ap-Je '65.

Study of the interaction of bi and trivalent vanadium with hydroxylamine by potentiometric titration, I. B. Bikhun, M. T. Kozlovskii, Izv. AN Kazakh. SSR, Ser. Khim. nauk 15 no. 2 10-11 Ap-Je '65.

POTTERY see subdivision under Ukraine

POULTRY—DISEASES AND PESTS

(See also subdivision under Turkmenistan)

Comparative diagnosis of Mycoplasma infection and vitamin A deficiency, V. A. Shubin, Veterinaria 41 no. 12 36-37 D '64.

POULTRY—FEEDING AND FEEDS

Use of the wastes of sheep pelts manufacture in the production of protein feed supplements for poultry, N. N. Vannovich, Kozh.-obuv. prom. 7 no. 8 30 Ag '65.

POULTRY—PARASITES see Parasites—Poultry

POULTRY HATCHERIES see subdivision under Ruybyshov Province

POULTRY HOUSES AND EQUIPMENT

Using induced gas burners in poultry farming. V. K. Mazlin. *Gaz. prom.* 10 no. 8:22-25 '65

POULTRY INDUSTRY—FINANCE see subdivision under Kiev Province

POULTRY INDUSTRY—MANAGEMENT see subdivision under Rostovsk' District

POWDER METAL PROCESSES

Angular parameters of the process of rolling metal powders. G. V. Vinogradov, V. P. Katsushinski. *Porosh. met.* 5 no. 9:34-34 '65

Developing standard methods for testing the compactibility of iron powders. I. D. Radomysselski, R. Z. Vishni. *Porosh. met.* 5 no. 9:22-27 '65

Formation of the stream of spraying materials in applying coatings with an enclosed arc. A. V. Petrov, A. I. Morozov. *Svay. protv.* no. 9:5-7 '65

Investigating coefficients of metal powder rolling. G. A. Vinogradov, V. P. Katsushinski. *Porosh. met.* 5 no. 8:19-22 '65

Investigating the compressibility of metal powders of various dispersity. V. K. Sorokin. *Porosh. met.* 5 no. 8:5-11 '65

Investigating the reliability of the pressing process of ferrites with a rectangular hysteresis loop. G. Kh. Geyer-Khan. *Izv. AN Arm. SSR. Ser. tekhn. nauk.* 18 no. 4:33-39 '65

Investigating the vibrational compaction of two-component spherical powder systems. I. V. Ivashchenko, I. P. Tartakovskii, T. M. Golubev. *Porosh. met.* 5 no. 9:40-41 '65

Manufacturing electrodes by powder rolling. O. A. Kartus, G. A. Vinogradov. *Porosh. met.* 5 no. 9:28-33 '65

Preparing an electrode ribbon from cadmium oxide by rolling powder composition materials between rolls. I. U. M. Pozin and others. *Porosh. met.* 5 no. 8:103-107 '65

Press what you want. *Trud. i izn.* no. 9:16-17 '65

Problems connected with pipe extrusion from a viscoplastic mixture. A. I. Raichenko. *Porosh. met.* 5 no. 8:23-31 '65

Slip casting of products made of titanium carbide. A. G. Dobrovolski, E. I. A. Popichenko. *Porosh. met.* 5 no. 9:15-22 '65

POWDER METALLURGY

Achieving strength equilibrium during sintering and estimating the degree of equilibrium of the properties of sintered porous materials. M. I. Balshin, A. A. Trofimova. *Porosh. met.* 5 no. 8:10-41 '65

Anisotropy of the properties of solid solutions in the system $Bi_2Te_3 - Bi_2Se_3$ produced by powder metallurgy. G. N. Gordakova, S. S. Shnani. *Izv. AN SSSR, Neorg. mat.* 1 no. 7:109-110 '65

Determining the specific surface of finely dispersed nickel and tungsten powders. V. V. Panichkina, I. V. Divrova. *Porosh. met.* 5 no. 9:10-22 '65

Developing a technology for the manufacture and study of certain properties of sintered $Ku_2O-Nb_2O_5$ nichrome. M. E. Belitskii. *Porosh. met.* 5 no. 9:50-64 '65

Intensifying vibratory compaction of spherical powders. V. V. Ivashchenko, I. P. Tartakovskii, T. M. Golubev. *Mashinostroenie* no. 5:70-80 S-O '65

Investigating the vibration packing of spherical powder particles. V. V. Ivashchenko, I. P. Tartakovskii, T. M. Golubev. *Porosh. met.* 5 no. 8:35-39 '65

Preparation and the properties of spherical powders of high-melting compounds. V. M. Sleptov, L. M. Prechodnikovskii, I. U. P. Kukota. *Porosh. met.* 5 no. 9:11-17 '65

POWDERS

Dependence of the reflection coefficient of powders on the particle size. G. V. Kleshchev, A. I. Sheinkman. *Trudy Chel. gos. ped. inst.* 2:185-190 '64

Effect of the size of particles on the results of quantitative X-ray phase analysis. L. I. Zavit'anova, A. S. Ivotlov. *Zav. lab.* 31 no. 8:906-909 '65

POWER ENGINEERING

(see also subdivision under India)

Magnetohydrodynamic method, a new concept in power engineering. P. S. Nepozhzhni. *Energetik* 13 no. 9:1-2 '65

Raising of Soviet power engineering to the higher world standards. *Energetik* 13 no. 8:1-2 '65

Through the pages of technical magazines. *Energetik* 13 no. 9:36 '65

POWER ENGINEERING—BIBLIOGRAPHY see Bibliography—Power engineering

POWER PRESSES

Analysis of the efficiency of the stroke of a crank press in hot upsetting of cylindrical billets. D. Kh. Gabrielyan. *Izv. AN Arm. SSR, Ser. tekhn. nauk* 18 no. 4:63-65 '65

POWER PRESSES—DESIGN AND CONSTRUCTION

Calculating the frame bedplate of a 2,000-ton crankshaft press. I. U. Luchny, V. S. Vagan, P. I. Ablovchenko. *Kuz.-stann. prom.* 7 no. 8:33-41 '65

New type of a 36-ton forging press. B. P. Vasiliev, P. N. Filolov. *Kuz.-stann. prom.* 7 no. 8:9-12 '65

Torque and efficiency of crank gear on power presses. A. F. Nistratov, Kuz.-stann. prom. 7 no. 9:25-30 '65

POWER RESOURCES

(see also subdivision under Lvov Economic region)

Technological basis for norms and economy of power resources. A. A. Mogiln. *Prom. energ.* 20 no. 9:2-5 '65

Utilization of secondary power resources. D. Kraenzhen. *Prom. energ.* 20 no. 9:11 '65

POWER TRANSMISSION

Dynamics of an automatic transmission with a flexible wheel. V. M. Lobusov. *Mashinostroenie* no. 5:48-51 '65

PRAGUE—THEATER

A man must choose. I. G. Suchaflpa. *Teatr* 26 no. 9:155-157 '65

PRASEODYMIUM OXIDES

Kinetic parameters of dehydrogenation and dehydrazination of isopropyl alcohol and dehydrogenation of tetralin on praseodymium oxide. A. A. Tolstopiatova, A. A. Balandina, I. U. TSI-taulan' [YU Ch'i-t'suan]. *Kin. kat.* 6 no. 4:682-687 '65

PRECAST CONCRETE see subdivision under Moscow, Vilnius

PRECAST CONCRETE CONSTRUCTION

(see also subdivision under Kazakhstan; Krivoy Reg Basin; Shikopovo Oil Field)

New structures for steel gasoline-storage tanks. M. Ashkinnai. *Prom. stroit. i inzh. soor.* 4 no. 6:53-55 N-D '62

Precast reinforced concrete multistage radial thickness. I. Denderin. *Prom. stroit. i inzh. soor.* 4 no. 6:17-52 N-D '62

Taking shrinkage stresses into consideration in the precast monolithic structures of the Kiev Hydroelectric Power Station. N. Metelink, V. Sapunov. *Prom. stroit. i inzh. soor.* 4 no. 6:30-41 N-D '62

Using precast reinforced concrete in construction on soil masses. A. Mikhail'skii. *Prom. stroit. i inzh. soor.* 4 no. 6:42-48 N-D '62

PRECAST CONCRETE CONSTRUCTION—HYGIENIC ASPECTS

Let's retire vibration! M. Shipagin. *Otkritiia i soobshch.* 8 no. 9:42 '65

PRECIPITATION (CHEMISTRY)

Calculation of equilibrium in systems with ion exchangers during the formation of difficultly soluble precipitates. V. L. Bogatyrev. *Izv. AN SSSR, Ser. khim.* no. 9:1600-1601 '65

Comparative estimate of the experimental values of the effectiveness of aerosol precipitation on an isolated cylinder. V. A. Kozlov. *Zh. fiz. khim.* 39 no. 8:2030-2032 '65

Conditions for the chemical precipitation of thin cadmium sulfide films on a solid surface. G. A. Kiselev, A. A. Ust'skaya, S. G. Mokrushin. *Zh. fiz. khim.* 39 no. 8:2065-2066 '65

Precipitation of hydrated manganese oxide from its nitrate. E. N. Bogoslav'skii, R. A. Dzhannashvili. *Sob. AN Gruz. SSR* 39 no. 2:321-328 '65

PRECIPITATION (METEOROLOGY)

(see also subdivision under Armenia; Kazakhstan)

Velocity of settlement of atmospheric particles. A. P. Manzhula, S. A. Kolonitskii. *Izv. AN SSSR, Fiz.-atm. i okean.* 1 no. 9:994-995 '65

PRECIPITATION (METEOROLOGY)—MEASUREMENT

Making the calculation of mean annual precipitation more exact. A. P. Bochkov. *Trudy GGI* no. 127:174-187 '65

Systematic errors in the measurement of atmospheric precipitation. L. R. Struzer, L. N. Nechev, E. G. Bogdanova. *Meteor. i gidrol.* no. 10:50-54 '65

PRECISION CASTING

Economic efficiency of replacing forging of parts by investment casting. V. I. Chervonets. *Mashinostroenie* no. 5:72-75 S-O '65

Investment casting shop. M. V. Buzaz. *Mashinostroenie* no. 5:70-72 S-O '65

PRECISION CASTING—EQUIPMENT AND SUPPLIES

Wear resistance of grey cast iron during abrasive wear. P. I. Talanov, A. S. Chelushkin. *Lit. protv.* no. 8:25-27 '64

PREFABRICATED BUILDINGS see Buildings, Prefabricated

PREGNADENEDIONE

Characteristics of the oxidation-reduction processes and the respiratory function of the body in epidemic hepatitis treated with prednisolone. D. Sh. Izraelova. *Sov. med.* 28 no. 9:18-22 '65

PREGNANCY

Scological diagnosis of liver cirrhosis. Report No. 2. Dynamics of agglutination titers and complement-fixing antibodies in experimental liver cirrhosis in pregnant and nonpregnant rabbits. A. P. Ignatova. *Zh. mikrobiol., epid. i immun.* 43 no. 8:107-111 '65

Study of the incidence of caries in relation to pregnancy. L. A. Ushakova, Nauch. trudy Kaz. gos. med. inst. 11:563 '61

PREGNANCY, COMPLICATIONS OF

Comparative data on the study of glycoproteins and silicic acid of the blood serum in normal pregnancy and in late toxemia. L. G. Solnikova. *Nauch. trudy Kaz. gos. med. inst.* 11:619-550 '61

Course of pregnancy, labor and outcome for the fetus in pregnant women with toxoplasmosis subjected to prophylactic treatment. S. G. Safina. *Nauch. trudy Kaz. gos. med. inst.* 11:537-538 '64

Desensitizing treatment in rhesus- and ABO-incompatible pregnancies. B. G. Sadykov. *Nauch. trudy Kaz. gos. med. inst.* 14:531-532 '61

Diabetes mellitus in pregnancy. V. G. Bananov, L. L. Liberman, A. M. Raskin. *Sov. vop. endok.* no. 2:211-230 '63

Electrophoretic study of the blood serum in normal pregnancy and late toxemia. Kh. Kh. Mesheherov, L. G. Solnikova. *Nauch. trudy Kaz. gos. med. inst.* 14:465-486 '61

Hemorrhages in the placental and early puerperal period following late toxemias of pregnancy. N. N. Svit'skii. *Sov. med.* 28 no. 9:76-80 '65

Rhesus- and ABO-antigen interrelations of the blood of the mother and the fetus during nephropathy in pregnant women. B. G. Sadykov, D. P. Serokina. *Nauch. trudy Kaz. gos. med. inst.* 11:533-531 '61

Some data on the development of children born by mothers with toxoplasmosis. M. V. Nikolaeva, S. G. Safina. *Nauch. trudy Kaz. gos. med. inst.* 14:501-502 '61

PREGNANCY, PROTRACTED

Effect of protracted pregnancy on the course of labor and the fetus. R. G. Bukiya and others. *Nauch. trudy Kaz. gos. med. inst.* 11:359-361 '63

PREGNADENEDIONE—PHYSIOLOGICAL EFFECT

Anesthetic premedication with steroids in experimental traumatic shock. I. S. Badiugin. *Nauch. trudy Kaz. gos. med. inst.* 11:91-93 '61

PRELIMINARY EXAMINATIONS (CRIMINAL PROCEDURE)

Objective investigation as one of the conditions for ensuring legality in preliminary inquiry. N. I. Nikul'shchik. *Vestn. AN SSSR, Ser. hum. nauch.* no. 3:10-16 '63

Prosecutorial supervision at the stage of inquiry and preliminary examination. G. M. Iashnik. *Sov. gos. i pravo* 35 no. 9:113-116 '65

PRESCHOOL EDUCATION see Education, Preschool

PRESS see subdivision under Africa

PRESSING OF GARMENTS

Studying the effect of temperature and pressing time on the changes of some properties of viscose blend fabrics. R. R. Rzaeva, E. N. Elorova. *Izv. vys. ucheb. zav. i tekhn. leg. prom.* no. 4:12-16 '65

PRESSURE

Dependence of isomorphous replacement on pressure. V. V. Shecherbina. *Geokhimiia* no. 5:544-550 '65

Determining the actual specific pressure in rolling. V. P. Polukhin, A. V. Zinov'ev. *Izv. vys. ucheb. zav. i tekhn. met.* 8 no. 9:117-121 '65

Effect of pressure on the limits of solid solutions. V. A. Kurkina. *Geokhimiia* no. 5:534-543 '65

Furnish more accurate formulas for determining pressure reduction. B. E. Belov. *Stroitel'stvo i inzh. soor.* 10 no. 9:35 '65

PRESSURE GAUGES

Measurement of gas pressure in apparatus with mercury. D. D. Aleksandrov, S. V. Pitsyn. *Izv. NIPT* no. 1:60-66 '57

PRESSURE REGULATORS

Nonlinear pressure regulator. O. V. Golovanov, A. E. Sofiev. *Mekh. i avtom. protv.* 18 no. 7:32-34 '65

PRESSURE SUITS

Study of the hygienic aspects of space clothes used in small cabins under comfortable microclimatic conditions. I. G. Popov and others. *Probl. kosm. biol.* 4:160-187 '65

PRESSURE VESSELS—TESTING

Strength of a stress vessel made of a welded thin-walled vessel according to the tests made in biaxial tension. S. A. Kargin, V. I. Lufanov. *Sov. protz.* 1964, 10 no. 5, 17.

PRESTRESSED CONCRETE

Eleventh Meeting of the Commission on Prestressed Concrete devoted to the theoretical problems. Bel. izdat. bet. 11 no. 9, 47-48 S '65.

PRICES

(see also subdivision under Europe, Eastern)

Procedure of merchandise revaluation in connection with changes in retail prices. V. Volodjinn. *Sov. poteb.* 1964, 9 no. 9, 62-63 S '65.

PRIMATES, FOSSIL see subdivision under Africa, East, Africa, West

PRIME NUMBERS see Numbers, Prime

PRIMITIVE SOCIETY see Society, Primitive

PRINCE OLAV COAST REGION—GLACIOLOGICAL RESEARCH

Geological research in the area of Prince Olav Coast in 1964. L. V. Klimov. *Inform. bul. Sov. antark. eksp.* no. 51:55-63 S '65.

PRINTING

Dobkin, S. F. [How to appraise the printing quality of books? *Kak otsenit' poligraficheskoe kachestvo knigi* Moskva, Kniga, 1965 125 p.

Kolosov, A. I. [Technology of the preparation of type forms; textbook] *Tekhnologiya izgotovleniya tekstovykh pechatnykh form, uchebnoe posobie* Moskva, Mosk. poligr. in-t.

No. 2 [Planning of the technology for the preparation of type forms] *Proektirovaniye tekhnologii izgotovleniya tekstovykh pechatnykh form*. 1964. 14 p.

[MICROFILM]

Nemirovskii, E. L. [Study of the sources and historiography of early Russian printing, author's abstract of a dissertation for the degree of Candidate of Philological Sciences (specializing in "Book science")] *Istochnikovedeniye i istoriografiya russkogo pervopечатaniya, avtoreferat dissertatsii na soiskaniye uchenoi stepeni kandidata filologicheskikh nauk (po spetsial'nosti "Knigovedeniye")* Moskva, Mosk. poligr. in-t, 1964. 22 p.

[MICROFILM]

Universal system of classifying of printed materials. *Izv. vyz. ucheb. zav.; stol. i arkhiv.* 8 no. 9:139-141 '65.

PRINTING—TERMINOLOGY

Semantic phenomena in lexicon connected with book printing, based on the Russian and German languages. M. D. Feller. *Vest. LGU* 20 no. 14, 127-133 '65.

PRISON LABOR see Convict labor

PRISONERS

Evaluation of remissions (following a schizophrenic process) in prisoners. V. S. Krasuski. *Probl. sud. psikh.* no. 13:254-265 '62.

Prisoners on circumstances causing criminal acts. V. Tanasevich, A. Berenzon. *Sots. zakon*, 42 no. 8, 52-53 Ag '65.

PROBABILITIES

Akademiya nauk SSSR, Matematicheskii institut. [Works on mathematical statistics and the theory of probabilities] *Raboty po matematicheskoi statistike i teorii vt.* Pod red. I. V. Linnika. 5 p.

Asymptotic theory to the examination of heat capacity data. L. I. Ivanova. *Izv. vyz. ucheb. zav.; tsvet. met.* 8 no. 3:31-38 '65.

Asymptotic behavior of a system of linear differential equations with small random coefficients. R. F. Matveev. *Teor. veroiat. i ee prim.* 10 no. 3:557-570 '65.

Basis for a limiting process in the theory of storage. D. A. Georgobiani. *Trudy Vych. tsentr. AN Gruz. SSR* 5:43-45 '65.

Conditions of conjugation for the probability density of transitions in a multidimensional Markov process. M. L. Tal. *Izv. vyz. ucheb. zav.; radiofiz.* 8 no. 4:834-838 '65.

Criterion of the representability of events in finite probability automata. R. G. Bukharov. *Dokl. AN SSSR* 164 no. 2:288-291 S '65.

Decomposition of continuous submartingales. K. E. Dambis. *Teor. veroiat. i ee prim.* 10 no. 3:433-448 '65.

An extremum problem in probability theory. G. D. Kartashov, A. N. Ilyarlin. *Teor. veroiat. i ee prim.* 10 no. 3:579-584 '65.

Finding a functional relationship between random variables. G. D. Kartashov. *Teor. veroiat. i ee prim.* 10 no. 3:584-593 '65.

Interrelation of terminology and lexicon of common usage in special scientific-technical literature. N. G. Vishnina-kova. *Uch. zap. MGPI* no. 223-222-236 '64.

Law of iterated logarithm for Cesaro's and Abel's summation methods. V. F. Gaposhkin. *Teor. veroiat. i ee prim.* 10 no. 3:449-450 '65.

Nonparametric estimates of a regression curve. E. A. Nadaraya. *Trudy Vych. tsentr. AN Gruz. SSR* 5:55-66 '65.

Theory of combinations. Z. P. Samigulina. *Trudy Chel. gos. ped. inst.* 2:99-108 '64.

PROBABILITIES—STUDY AND TEACHING

Presentation of the fundamental theorems of the theory of probability in school. Z. P. Samigulina. *Trudy Chel. gos. ped. inst.* 2:86-98 '64.

PROBATION see subdivision under Kluhizistina, Ukraine

PROBES (ELECTRONIC INSTRUMENTS)

Investigating the distribution of cesium in cast iron with the help of an electron probe. I. E. Levi and others. *Fiz. met. i metalloved.* 20 no. 2:236-242 Ag '65.

PROBLEM OF MANY BODIES

One quasi-single particle approximation in Coulomb's problem of many particles. G. I. Kiasko. *Dokl. AN SSSR* 164 no. 2:298-300 S '65.

PROBLEM OF THREE BODIES

Using aerics in solving the generalized restricted problem of three bodies. E. A. Grebenkov. *Trudy Un. druzh. nar.* 5. *Teor. mekh.* no. 2:125-135 '64.

PROBLEM OF TWO BODIES

Approach of two points in the central field of force. S. V. Bunlakin. *Trudy Un. druzh. nar.* 5. *Teor. mekh.* no. 2:146-150 '64.

Integral representation for a two-particle amplitude in the nonrelativistic case. M. A. Mostvirishvili. *Dokl. AN SSSR* 164 no. 2:301-304 S '65.

PROCTOLOGY—HANDBOOKS, MANUALS, ETC.

Aminev, A. M. [Manual on proctology] *Rukovodstvo po proktologii* [Kulibyshev] Kulibyshevskoe knizhnoe izd-vo. Vol. 1. 1965. 517 p. (DNLM)

PRODUCTION ENGINEERING

(see also subdivision under Moscow)

Analysis of the utilization of automatic lines and the means for the increase of their economic efficiency. V. V. Andreev. *Mekh. i avtom. protzv.* 19 no. 9:23-28 S '65.

Economic efficiency in the production of various types of increased- and high-strength reinforcement steel. G. N. Kharkovtsev, L. P. Sokolova. *Sbor. tr. trud. TSNICHIM* no. 45:125-139 '65.

Economics of the continuous pouring of carbon steel. A. N. Emel'yanov, S. A. Chertov. *Sbor. tr. trud. TSNICHIM* no. 45:91-100 '65.

Methods for calculating indices of the level of production mechanization. A. N. Shakhov. *Mekh. i avtom. protzv.* 19 no. 9:25-27 S '65.

Methods of determining the productive capacity of metallurgical plants. N. I. Mityaev. *Sbor. tr. trud. TSNICHIM* no. 45:68-74 '65.

Problems of the economy of producing various types of sheet steel. T. A. Vishnevskaya. *Sbor. tr. trud. TSNICHIM* no. 45:137-142 '65.

Time was caught in a net. L. Leonidov. *Isobr. i rats.* no. 9:5-7 '65.

Use of manganese in the U. S. S. R. L. L. Zisman, A. A. Brodov, L. P. Gorskova. *Sbor. tr. trud. TSNICHIM* no. 45:101-114 '65.

PRODUCTION ENGINEERING—TECHNOLOGICAL INNOVATIONS

Ways for completing an overall mechanization in industry. N. A. Razumov, S. G. Mezhdumian. *Mekh. i avtom. protzv.* 19 no. 8:13-18 Ag '65.

PRODUCTION STANDARDS

(see also subdivision under Kazakhstan; Kiev)

In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U. S. S. R. and the All-Union Central Council of Trade Unions. *Sots. trud* 10 no. 8:143-146 S '65.

Prospective consolidated standards for the consumption of raw materials, fuel, electric power, and other materials in the production of ferrous metals in the U. S. S. R. N. F. Sklokina and others. *Sbor. tr. trud. TSNICHIM* no. 45:172-181 '65.

Seek, count and economize. M. Naumenko, I. A. Karpov, V. Polynin. *Sov. proizvolzu* 21 no. 18:15-17 S '65.

What hinders the introduction of technically-based work norms. G. Chubarov. *Sots. trud.* 10 no. 8:96-100 '65.

PRODUCTIVITY ACCOUNTING

Summated accounting for working time. I. I. Mukashova. *Sots. trud.* 10 no. 8:136-141 '65.

Take into account the work of a mill and millwrights.

I. D. Mavchuk. *Prikl. prikl. khoz.* 9 no. 9:231 '65.

Use of the interbranch balance of labor in planning. V. K. Izhkov. *Trudy INKH* no. 37:13-20 '65.

PROFESSIONS

Fedukin, S. A. [Soviet rule and bourgeois specialism] *Sovetskaya vlast' i burzhuanznye spetsializatsii* Moskva, Mysl', 1965. 253 p.

PROFIT

New development in the analysis of the profit of an industrial enterprise. V. Ivanova. *Tr. VSESRI* 30 no. 1:53-57 S '65.

On increasing the role of profit in the system of socialist management. V. Chudakov. *Ekon. Rad. Ukr.* 8 no. 9:19-21 S '65.

Profit and incentive funds. B. Yonarev. *Sov. toz. g.* 30 no. 8:13-16 S '65.

PROGRAMMED INSTRUCTION

(see also subdivision under United States; White Russia)

Organizing experimental programmed instruction. I. I. Tikhonov. *Sov. pedagog.* 20 no. 6:91-103 Ju '65.

Problems of programmed instruction. I. A. M. Urutov, V. V. Semenov. *Trudy INKH* no. 37:13-17 '65.

Problems of programmed instruction. N. V. Alekseyenko. *Sov. pedagog.* 20 no. 6:33-31 Ju '65.

Use of programmed cards in teaching. M. N. Trubnikov. *Sov. pedagog.* 20 no. 9:37-40 S '65.

What are our main possibilities? V. P. Bessonov. *Vopr. vyz. shkoly* 23 no. 9:16-20 S '65.

PROGRAMMED INSTRUCTION—STUDY AND TEACHING

Studying the fundamentals of programmed instruction in a pedagogical institution of higher learning. I. V. Shcherbakov. *Sov. pedagog.* 20 no. 6:100-111 Ju '65.

PROGRAMMING (ELECTRONIC COMPUTERS)

Construction of a logical network for discrete transformations. Z. Fridman. *Trudy MIK* no. 53:17-51 '63.

How to formulate and solve problems on an electronic computer. I. V. Geronimus. *Ekon. i mat. metod.* 1 no. 4:597-600 Ji-Ag '65.

"Khibukhi" program for the computation of the structure and properties of molecules. I. A. Lyubskiy. *Teor. i eksper. khim.* 1 no. 3:118 My-Ju '65.

Problems of the development of control systems for specialized machines. O. I. Afanasyev, A. I. Izhov. *Vest. TSNI MTS* 21 no. 5:54-59 '65.

Programming algorithm for mechanizing a three-dimensional part on a program controlled machine tool. A. I. Panchenko. *Mashinovedeniye* no. 5:50-60 '65.

PROGRAMMING (MATHEMATICS)

Evaluation of the maximal element method. S. M. Movshovich. *Ekon. i mat. metod.* 1 no. 4:504-508 Ji-Ag '65.

Problems in dynamic programming. A. S. Gallulin. *Trudy Un. druzh. nar.* 5. *Teor. mekh.* no. 2:13-9 '64.

PROGRAMMING LANGUAGES (ELECTRONIC COMPUTERS)

Course of study of the ALGOL language; conclusion. *Mer. sbor.* 48 no. 10:95-98 O '65.

PROGRESS

Evaluation of the opinions of the representatives of contemporary Anglo-American historiography on social progress. I. I. Sharfmanov. *Trudy TGU* 173:49-72 '64.

PROHIBITED BOOKS

Gorbachevskii, B. S. [Crosses, confires, and books] *Kresty, kostry i knigi*. Moskva, Sovetskaya Rossiya, 1965. 198 p.

PROKOF'EV, SERGEI SERGEEVICH, 1891-1953

Soroker, I. A. L. [Violin works of S. Prokof'ev] *Skrinichnaya tvorchestvo S. Prokof'eva*. Moskva, Muzyka, 1965. 118 p.

(MIU) (NIC)

PROMETHIUM

Reactor cross section of Pm^{140} burnup and samarium poisoning. L. A. Kondurov and others. *Atom. energ.* 19 no. 2:188-190 Ag '65.

PROOF see Evidence

PROOFREADING

Akademiya nauk SSSR, Biblioteka. [Manuscripts and proofreading; instructions for authors of works published by the Library of the Academy of Sciences of the U. S. S. R.] *Rukopis' i korektura; pamiatka avtoram pechatnykh rabot, izdavaemykh Bibliotekoi AN SSSR*. Sost. A. A. Frolov. Leningrad, 1965. 69 p.

PROPAGANDA, ANTICOMMUNIST

Kahilbekov, D. [Slanderers and falsifiers of the history of the peoples of Soviet Kazakhstan] Kievevnik i falsifikatori istorii narodov Sovetskogo Kazakhstana. Alma-Ata, Ob-vo po rasprostraneniyu poln. i nauchn. znaniy Kazakhskol SSR, 1961. 31 p. [MICROFILM]

PROPANE

Spectroscopic study of the cold-flame glow appearing during propane nitration by nitrogen dioxide. S. A. Gol'din, A. P. Balod, V. A. Shtein. Dokl. AN SSSR 184 no. 2, 371-373 S '65.

PROPELLERS

Experimental investigation of hydrodynamic characteristics of the propeller shaft of a high-speed vessel. V. V. Iakovenko. Trudy LPI no. 248:121-131 '65.
Negative effect of the soldering of liners on the corrosion and fatigue strength of tail shafts. G. M. Balabae and others. Sudostroenie 30 no. 7:54-55 Ji '61.

PROPENE

Data on the equilibrium of the hydrates of propylene and its mixtures. S. Sh. Byk, V. I. Fomina, E. N. Skut'lat. Gaz. prom. 10 no. 8:30-32 '65.

Design and calculation of the absorption part elements for isobutylene recovery by sulfuric acid of various concentration. A. G. Iakumovich and others. Khim. i tekhn. topl. i masel 10 no. 9:5-9 S '65.

Development of the continuous method for the preparation of polyisobutylene with 10,000 and 20,000 molecular weights. V. I. Anosov and others. Khim. i tekhn. topl. i masel 10 no. 8:19-24 Ag '65.

4-Ray-induced polymerization of isobutylene in the presence of solids. E. V. Kistal'nyi, S. S. Medvedev. Vysokom. soed. 7 no. 8:1377-1382 Ag '65.

4-Ray-induced polymerization of isobutylene in the presence of ZnO and Al₂O₃. E. V. Kistal'nyi, S. S. Medvedev. Vysokom. soed. 7 no. 8:1373-1378 Ag '65.

Introducing the process of isobutylene extraction with sulfuric acid from hydrocarbon fractions in the Sterlitamak Plant of Synthetic Rubber. A. G. Iakumovich and others. Khim. prom. 41 no. 8:625-626 Ag '65.

Liquid-vapor phase equilibrium of the system propylene-nitrogen. I. U. P. Ilagol, N. A. Oshinaki, Zhur. fiz. khim. 39 no. 8:2022-2024 Ag '65.

Production of isoprene from formaldehyde and isobutylene via 3-methyl-1,3-butanediol. V. Z. Sharf and others. Izv. AN SSSR, Ser. khim. no. 8:1663-1665 '65.

Reaction of hexafluorocetone imine with butadiene and isobutylene. I. U. V. Zeifman, N. P. Gamberlan, I. L. Kuznetsov. Izv. AN SSSR, Ser. khim. no. 8:1472-1474 '65.

Solubility of propylene in aromatic hydrocarbons. V. P. Marshup and others. Khim. prom. 41 no. 8:585-587 Ag '65.

Termination and initiation reactions of the polymeric chain in the polymerization of propylene on VCl₃-Al(iBu)₃-C₂H₅I₂. L. A. Novokoshonova, V. I. Tsvetkova, N. M. Chirkov. Vysokom. soed. 7 no. 8:800-801 My '65.

PROPERDIN

Change in proteins and properdin activity of the blood in the process of adapting the organism of seamen to the conditions of Antarctic sailing. I. V. Savitskiy and others. Ukr. biokhim. zhur. 37 no. 4:501-509 '65.

PROPIONIC ACID

Determining the dalapon content of soil and of the green bulk of plants. L. M. Fokel'man. Khim. v sel'. khoz. 3 no. 8:50-53 Ag '65.

Production of α, α, β -trichloropropionitrile and α, α, β -trichloropropionic acid. I. G. Khaikin, Z. A. Vasil'eva. Khim. prom. 41 no. 8:577-578 Ag '65.

PROPIONITRILE

Production of α, α, β -trichloropropionitrile and α, α, β -trichloropropionic acid. I. G. Khaikin, Z. A. Vasil'eva. Khim. prom. 41 no. 8:577-578 Ag '65.

PROPOLIS—THERAPEUTIC USE

Propolis in the treatment of tuberculosis. Z. Kh. Karimova, E. I. Rodionov. Nauch. trudy Kaz. gos. med. inst. 14:440-450 '64.

PROPORTIONING EQUIPMENT

Automatic proportioning of components and feeding of mixing units. S. A. Belousov. Mekh. i avtom. proizv. 18 no. 8:22-24 Ag '65.

Automation of metal pouring. Sh. Sh. Bekturov, V. I. Sergeev. Izv. vyz. ucheb. zav. i Chern. met. 8 no. 8:57-63 '65.

Automation of the dosing of liquids. O. V. Monastyrskii. Prom. energ. 20 no. 9:21-25 S '65.

Continuous action proportioning unit for free flowing materials. N. I. Shikhirev and others. Kauch. i rez. 24 no. 5:40-48 My '65.

Proportionator for liquid ingredients. L. N. Nizkoshapko. Khleb. i kond. prom. 8 no. 9:30 S '65.

Raising the precision of proportioning the feed of cupola charge materials. V. I. Vrublevskii, R. N. Zhur. Izv. Lit. proizv. no. 3:23-24 Mr '61.

PROSPECTING

(see also subdivision under Kazakhstan, Kolyma Valley)

Aristov, V. V., and others. [Manual for laboratory work in the course of prospecting and exploration for mineral deposits] Rukovodstvo dlia prakticheskikh zaniatii po kursu polskov i razvedki mestozhiznenn. poleznykh iskopayemykh. Moskva, Vysshaya shkola, 1965. 253 p.

Automatic mud-analysis logging station. V. A. Rodionov. Razved. geofiz. no. 5:143-144 '65.

Experience in using aerial photographic survey materials for the zoning of areas according to conditions under which prospecting is to be conducted. G. M. Shepelev, A. G. Veltov, B. P. Lashkov. Vop. rud. geofiz. no. 5:60-75 '65.

New method for distinguishing oil-saturated layers in the central regions of the West Siberian Plain. R. L. Brylkin. Geol. i geofiz. no. 7:104-105 '65.

Principles and methods of mapping in prospecting. O. A. Gluka. Izv. vyz. ucheb. zav. i geol. i razv. 8 no. 6:88-100 S '65.

PROSPECTING—EQUIPMENT AND SUPPLIES

Using accelerating tube. L. A. Ab and others. Vop. rud. geofiz. no. 5:110-141 '65.

PROSPECTING—GEOPHYSICAL METHODS

(see also subdivision under Armenia; Caucasus, Northern, Pacific Area)

Calculation of the constants of the electrodynamic seismograph in the case of complete identification. V. A. Patsel'tan. Geol. i geofiz. no. 5:131-135 '65.

Chart for the interpretation of components. L. I. Piskunov. Razved. geofiz. no. 5:130-132 '65.

Gamma-gamma method for sampling heavy metal ores in deposits with an irregular distribution of mineralization. A. I. Boi'shakov. Vop. rud. geofiz. no. 5:90-98 '65.

Gamma spectrometer for boroholes. N. N. Zyukov. Inform. bul. VDNKh no. 9:34-35 S '65.

Gribaum, I. I. [Geophysical methods of determining the filtration properties of rocks] Geofizicheskie metody opredeleniia fil'tratsionnykh svoystv gornykh porod. Moskva, Nedra, 1965. 186 p.

Plado, A. A., V. A. Laroshenko, and A. N. Boi'kin. [New equipment and technology for exploratory boring] Novaya tekhnika i tekhnologiya razvedochnogo bueniia. Moskva, Nedra, 1965. 126 p.

Possibility of determining the value of minute graduation of ionization counterometers without using standards. B. S. Kamyshov. Vop. rud. geofiz. no. 5:125-127 '65.

Possibility of the documentation of core exploratory boroholes according to the data of geophysical research methods in coreless drilling. R. I. Bogdanovskii, A. F. Mikhed'ko. Razved. geofiz. no. 4:138-147 '65.

Possibility of using neutron methods for the quantitative determination of mercury in natural occurrences. E. V. Egorov. Vop. rud. geofiz. no. 5:117-124 '65.

PROSTATE GLAND

Effect of the removal of the internal sympathetic trunks on the structure and function of the testes and prostate. G. I. Khodorovskii. Fiziol. zhur. 51 no. 9:1123-1127 S '65.

PROSTATE GLAND—CANCER

Effect of surgical castration and hormone therapy on urinary 17-keto steroids in patients with prostate cancer. L. A. T'sereteli. Soob. AN Gruz. SSR 38 no. 2:479-485 My '65.

PROSTHESIS

(see also subdivision under Czechoslovakia)

New instruction and new privileges. A. Demchenko. Sots. obsch. 26 no. 8:47-50 Je '65.

Work therapy. P. Semiletova. Sots. obsch. 26 no. 8:47-49 S '65.

PROSTHODONTICS

(see also subdivision under Kazan)

Anesthesia in orthopedic stomatology. D. N. Dzhumadil'ev. Nauch. trudy Kaz. gos. med. inst. 14:415-416 '64.

Yatol'man, A. I., ed. [Pediatric orthopedic stomatology] Ortopedicheskaya stomatologiya detskogo vozrasta. [By] A. I. Bel'man i dr. Kiev, Zdorov'ia, 1965. 406 p. (DNLM)

Uzhumetskene, I. I. [Orthodontic treatment of adults before the application of prosthesis] Ortodonticheskoe lechenie vzroslykh pred protirovaniem. Moskva, Meditsina, 1965. 136 p. (Biblioteka prakticheskogo vracha) (DNLM)

PROSYANAYA REGION (UKRAINE)—KAOLIN

Alkali kaolins from the Prosyanyaya deposit are a source of high-potash feldspar raw materials. V. I. Sivokon'. Stek. i ker. 22 no. 8:25-27 Ag '65.

PROTEASES—THERAPEUTIC USE

Use of the proteolytic pancreatic enzymes trypsin and alpha-chymotrypsin in ophthalmology. B. V. Plotnikov, A. A. Iur'ev. Stoi. nauch. trudy, SOGMI no. 14:86-98 '63.

PROTECTION OF PLANTS see Plants, Protection of

PROTECTIVE ATMOSPHERES

Carbon dioxide shielded welding of the internal chamber of a refrigerator. D. L. Blizman. Svar. proizv. no. 12:35 D '63.

Economic efficiency of welding in carbon dioxide in plants for the manufacture of heavy machinery. S. I. Golosovskii. Svar. proizv. no. 12:15-17 D '63.

Effect of technological parameters of welding conditions on the output of welding in carbon dioxide. V. V. Spitsyn. Svar. proizv. no. 9:29-30 S '63.

Gaseous cutting of aluminum and stainless steel. A. B. Arabadhi, V. S. Leonchik. Svar. proizv. no. 8:38-39 S '65.

The AG-1-63 gas mixer for gas-electric welding and cutting of metals. V. D. Nurbayev. Svar. proizv. no. 9:41-41 S '65.

PROTECTIVE CLOTHING see Clothing, Protective

PROTECTIVE COATINGS

Chemically stable paint and varnish coatings for reinforced concrete constructions. V. V. Shneiderova, G. S. Migaeva. Bet. i zhel.-bet. 11 no. 9:16-18 S '65.

Classification of the systems for the application of paint materials to the internal surface of pipes with a small diameter. V. L. Gots. Lakokras. mat. i kh. prim. no. 1:68-71 '65.

Determination of methacrylic acid in polyester lacquer and films. I. L. Asharin, S. T. Balabae, Lakokras. mat. i kh. prim. no. 1:60-62 '65.

Effect of the properties of nitrocellulose on the compatibility with perchlorovinyl resins. I. U. P. Borlikov, A. M. Frost. Lakokras. mat. i kh. prim. no. 4:19-22 '63.

Epoxy resins with a base of dicyclopentadiene and polyatomic alcohols. M. P. Sorokin, K. A. Lialushko, N. I. Belokhitkova. Lakokras. mat. i kh. prim. no. 1:4-7 '65.

Experience in the preparation of mastics with a base of shale bitumen. L. Hajavec, K. A. Mostil'din, G. V. Sipovskii. Khim. i tekhn. gor. slani. i prod. kh. prim. no. 1:100-107 '61.

Lengthening the service life of the "PK-4" polyamide film. V. A. Sidorov, G. M. Troshman, K. N. Aleksandrov. Plast. massy no. 6:61-62 '65.

Lining of the inner surface of pipes in the electrostatic field. A. I. Safonov, L. A. Pilyayevskii, V. G. Samsonov. Plast. massy no. 6:56-59 '65.

Mechanical application of repair coatings on pipelines. M. K. Romeev, V. A. Krestinin, K. T. Raschepkin. Transp. i khim. naft. i nefteprod. no. 8:25-28 '65.

Protecting electropainting balls with thin-layer plastic coatings. L. A. Sklarova. Mashinostroenie no. 5:83-84 S-O '65.

Protection and compaction of reinforced concrete tanks by polymer coatings. N. A. Moschanskii, I. L. Yul'ayev. Bet. i zhel.-bet. 11 no. 9:10-12 S '65.

Protective coatings for built-up roofs. A. V. Ivanova. Nauch. trudy AKKH no. 31:105-110 '64.

Residual content of sulfate ions in oxide insulation coatings. N. E. Markova, E. N. Sukhotin, V. V. Chernyshov. Tekhnicheskoe no. 8:92-93 Ag '65.

Use of polymer coatings. D. I. Solntsev. Vest. TSNIi MPS 24 no. 6:53-55 '65.

Using electropainted coatings for reducing the noise and improving the running-in of gear transmissions. G. I. Lukashovich, E. P. Lavitsenko. Mashinostroenie no. 5:66-67 S-O '65.

PROTECTIVE COATINGS—CONGRESSES

Seminar po zharostokim pokrytiyam, Leningrad, 1964. [Heat-resistant coatings; transacelons] Zharostokimskie pokrytiya; trudy. Leningrad, Nauka, 1965. 233 p.

PROTECTIVE COATINGS—ELECTRIC PROPERTIES

Measuring the resistance of insulating protective coatings immersed in an electrolyte. I. U. N. Mikhailovskii, V. V. Leonov, N. D. Tamashov. Zashch. met. 1 no. 5:577-582 S-O '65.

PROTECTIVE COATINGS—TESTING

Methods for determining the porosity of lacquer films on tin plate. L. I. Kodakov, T. O. Dik, V. K. Mal'vorenko. Khim. prom. no. 3:35-38 Ji-S '65.

Testing the wear resistance of epoxy coatings. P. I. Zubov, M. Sh. Kadyrov, Z. P. Gvozinskina. Lakokras. mat. i kh. prim. no. 4:36-38 '65.

PROTEIN METABOLISM

Cytochemical study of proteins in tissue cultures under normal conditions and under the influence of influenza and poliovirus viruses. L. P. Izakova, T. Sitologiya 6 no. 3:337-342 My-Je '64.

PROTEIN METABOLISM (Continued)

- Effect of high-pressure acid on protein metabolism in *Escherichia coli*. E. P. Ugrumov and others. Khim. i biokhim. 10 no. 3:42-49 Ag '65.
- Effect of quinine on the protein synthesis in leaves of *O. kulae*. N. L. Khachatryan. Dokl. AN SSSR 164 no. 2:48-49 S '65.
- Methionine-³⁵S and glycine-¹⁴C incorporation into erythrocyte proteins under normal conditions and during fasting. I. A. Poberis. Tsitologia 6 no. 3:330-336 My-Je '65.
- Protein metabolism of the liver and kidneys in acute radiation sickness according to historadiography data. M. J. Rud. Zh. 9 no. 11:54-61 N '64.

PROTEINS

- Conference on the use of protein plates and protein food additives. P. V. Kurdin. Kons. i osv. prom. 20 no. 8:42-44 Ag '65.
- Fractional composition of water-soluble neuroglia proteins. V. V. Samokhin and others. Ukr. biokhim. zhur. 37 no. 4:510-521 '65.
- Talk proteins and their nutritional value. P. G. D'Ala-chenko. Zhur. VKHO 10 no. 3:301-305 '65.
- Periodicity of protein synthesis in a wild tobacco leaf. N. L. Kiliachko, O. N. Kulacva. Dokl. AN SSSR 164 no. 1:116-128 S '65.
- Rozlazov, B. F. [Structure and functions of contractile proteins]. Struktura i funktsii sokratitel'nykh belkov. Moskva, Nauka, 1965. 222 p.
- Problem of related protein changes in the process of adaptation. B. P. Ushakov. Tsitologia 7 no. 4:467-480 Ji-Ag '65.
- Protein hydrolyzates and synthetic amino acids as additional sources of food proteins. K. A. Stepankov, A. D. Golobor. Zhur. VKHO 10 no. 3:312-319 '65.
- Protein norms for breeding bulls. M. F. Tomme, R. V. Martynenko. Trudy VIZH 27:30-37 '65.
- Simpolozn na temu "Biokompleksi i ikh znachenie". Moscow, 1962. [Biocomplexes and their importance]. Biokompleksi i ikh znachenie. Moskva, Kolos, 1965. 187 p.
- Solving another mystery of protein synthesis, recent successes in the deciphering of the amino acid code. A. F. Orlov, V. I. K. Gladilin. Priroda 54 no. 9:67-69 S '65.

PROTEINS—ANALYSIS

- Electrophoretic analysis of proteins of grapes of some Georgian varieties. A. V. Maskin. Soob. AN Gruz. SSR 38 no. 2:315-319 My '65.

PROTEINS—MOLECULAR ROTATION

- Methods of low-temperature spectropolarimetry of protein solutions and the study of rapid conformational change in molecules. I. I. Kyryukhin. Ukr. biokhim. zhur. 37 no. 4:603-613 '65.

PROTEINS IN THE BODY

- Amino acid, glutamine and protein amide nitrogen content in the brain following immediate decapitation of white rats with liquid oxygen and their decapitation. A. V. Avtunman, E. I. Mukaletin. Vopr. biokhim. i med. 1:113-116 '64.
- Changes in contractile and sarcoplasmic protein in a traumatically injured myocardium. M. M. Alekseeva. Dokl. AN SSSR 164 no. 3:716-719 S '65.
- Changes in the protein composition of the blood and lymph in experimental auto sensitization and autoantibiotic shock. M. M. Minelbaev. Nauch. trudy Kaz. gos. med. inst. 14:235-235 '64.
- Correlations between the general and specific immunological reconstruction of the organism and the production of C-reactive protein in polyvalent immunization. V. D. Belakov and others. Zhur. mikrobiol., epid. i immunit. 42 no. 8:92-95 Ag '65.
- Electrophoretic picture of the proteins of the blood serum and brain in white mice with transplanted cancer. L. G. Gromova. Trudy OMI no. 54:199-205 '64.
- Protein spectrum of the blood serum, liver and kidneys in transplanted cancer in white mice. B. A. Antif'eva. Trudy OMI no. 54:215-221 '64.

PROTEUS (BACTERIA GENUS)

- Antimicrobial effect of some organophosphorus compounds on freshly isolated *Proteus* strains. Sh. Z. Tuktarova. Nauch. trudy Kaz. gos. med. inst. 14:297-299 '64.
- Clinical aspects of alimentary toxoinfections caused by *Staphylococcus*, *Escherichia coli* and *Morganella bacillus*. A. D. Brisker. Sov. med. 28 no. 9:71-75 S '65.
- Comparative study on the substructure of the L-form of *Proteus vulgaris* and the L-form of *Streptococcus haemolyticus*. L. A. Shadrina. Vest. AMN SSSR 20 no. 8:17-20 '65.
- Increase of the resistance of *Proteus* to antibiotics in infected wounds depending on the dose and method of introduction of monomycin. E. V. Bobkova. Antibiotiki 10 no. 8:845-847 S '65.
- Relation of the concentration of monomycin in the blood and wound tissues to the method of its introduction in rabbits with *Proteus* wound infections. E. V. Bobkova. Antibiotiki 10 no. 8:828-831 S '65.

PROTHROMBIN

- Effect of levomycetin on blood proteins and prothrombin. M. B. Titov. Antibiotiki 10 no. 7:634-636 Ji '65.
- Prothrombin index and heparin time in diseases of the liver. F. T. Krasnoperov. Nauch. trudy Kaz. gos. med. inst. 14:457-458 '64.

PROTONS

- Dynamic polarization of protons in rotating crystals of lanthanum magnesium nitrate. V. I. Lushchikov and others. Zhur. eksp. i teor. fiz. 49 no. 2:406-409 Ag '65.
- Production of slow π^+ -mesons in the interaction between θ -ray protons and photoemulsion nuclei. S. A. Azimov and others. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 9 no. 1:59-62 '65.

PROTONS—PHYSIOLOGICAL EFFECT

- Cytological analysis of high-energy proton action. Report No. 6. Comparative characteristics of the effect of protons 660 Mev, and Co^{60} -rays on hemopoiesis. V. L. Ponomareva. Radiobiologiya 5 no. 4:511-518 '65.
- Effect of screening of separate parts of the animal body on the change in radiation reaction following action of gamma rays and high-energy protons. B. L. Razgovorov and others. Prikl. kosm. biol. i med. 1:120-129 '65.
- Injuring effect of 660 and 120 Mev, protons and the effectiveness of pharmacological protection. V. S. Shashkov, V. S. Morozov. Probl. kosm. biol. 1:401-410 '65.
- Morphological changes in the hemopoietic organs of mice following irradiation with high-energy protons. N. A. Gaidamakina and others. Prikl. kosm. biol. 4:430-436 '65.
- Morphological changes in the nervous system of dogs subjected to high-energy proton action. A. P. Ribikova, B. I. Lebedev. Radiobiologiya 5 no. 4:562-565 '65.

PROTOPLASM

- Difference between the cytoplasmic granules of mature neutrophilic leucocytes in healthy persons and leukemia patients. G. P. Molotilova. Trudy ISIU 77:64-66, '65.

PROTOZOA, PATHOGENIC

- Effectiveness of a solution of malachite green for treating ichthyophthiriasis in carp. P. P. Driehuk. Veterinarika 42 no. 7:53-51 Ji '65.
- Globolests in sheep. B. A. Timofeeva. Veterinarika 42 no. 7:47-50 Ji '65.

PRURITUS

- State of the nervous elements in protracted pruritus of the external generative organs in women. L. K. Malyshev. Nauch. trudy Kaz. gos. med. inst. 14:223-224 '64.

PRZHEVAL'SKII, NIKOLAI MIKHAILOVICH, 1830-1888

- From F. M. Gromov's stories about N. M. Przheval'skii. A. Palashnikov. Izv. Omsk. old. Geog. ob-va no. 6:132-134 '64.

PRZHEVAL'SKII, NIKOLAI MIKHAILOVICH, 1830-1888—HOMES AND HAUNTS

- Through the places connected with N. M. Przheval'skii. Sloboda, on the 75th anniversary of the traveler's death. A. Palashnikov. Izv. Omsk. old. Geog. ob-va no. 6:128-132 '64.

PSEUDARTHRITIS

- Use of a fixating device made from horn in treating pseudarthrosis. I. U. S. Zhila. Ortop., travm. i protez. 26 no. 8:80-82 Ag '65.

PSEUDOMONAS

- Specialization of *Pseudomonas tabaci* (Wolf at Foster) Stevens, the agent of wilts of tobacco. D. L. Dzhigani, G. A. Tsilosani. Soob. AN Gruz. SSR 38 no. 2:391-396 My '65.

PSEUDOMORPHS

- Muscovite-oligoclase pseudomorphs according to apodumene. T. A. Sosedko. Min. i geokhim. no. 1:57-61 '64.

PSEUDORABIES

- Diagnosis of Aujeszky's disease by the method of diffuse precipitation reaction in agar gel. P. M. Bazylev, I. U. V. Fomin. Veterinarika 42 no. 7:16-19 Ji '65.
- Some data on the observation of Aujeszky's disease in swine. I. P. Prokopov. Veterinarika 41 no. 12:30-36 D '64.

PSEUDORABIES—MICROBIOLOGY

- Electron microscopic study of the virus of Aujeszky's disease. A. F. Bykovskii, P. M. Bazylev, E. M. Prokhorova. Veterinarika 41 no. 12:13-15 D '64.

PSEUDORABIES—PREVENTIVE INOCULATION

- Inactivated vaccine against Aujeszky's disease from a virus grown in tissue culture. M. S. Chobanidze. Veterinarika 42 no. 7:19-20 Ji '65.

PSYCHIATRIC HOSPITALS

- Practical work of the psychologist in psychiatric hospitals. V. V. Kostikova. Trudy Gos. nauch.-issl. inst. psikh. 13:81-86 '65.

PSYCHIATRIC HOSPITALS—LAW AND LEGISLATION

- Altering mechanism of a medical nature entered by the court. A. Khomovskii. Sov. iust. 20 no. 12:81-82 '65.

PSYCHIATRIC NURSING

- Bondarev, N. I., and S. Z. Paschenkov. [The role of nursing in the care of patients with mental diseases]. Kachestvo polebo po ukhodu za bol'nymi, pri psichicheskikh zabolevaniyakh. Tashkent, Meditdina, 1965. 180 p. (DNIAM)

PSYCHIATRY

- (See also subheadings under Kazan; United States.)
- Some clinical problems in the sphere of "clinical" psychiatry. O. V. Kostikova. Probl. obshch. i med. psikh. no. 14:1-12 '63.

PSYCHIATRY—BIBLIOGRAPHY see Bibliography Psychiatry

PSYCHOLOGY—CONGRESSES

- Republic-wide conference on psychology in Kazan. I. Naumkin, I. Podolskiy. Sov. pedagog. 20 no. 6:155-157 Je '65.
- Second Congress of the Psychological Society. M. I. Nestukh. Vop. antr. no. 10:130 '64.

PSYCHOLOGY, PATHOLOGICAL

- Analysis of acidophilic cells diagnosed as deep psychopathies excluding imputability, based on a series of observations. V. L. Pilyavskaya. Probl. obshch. i med. psikh. no. 13:111-114 '62.
- Apprehension disorders in psychopathies. O. I. Tselikova. Probl. obshch. i med. psikh. no. 13:136-141 '64.
- Catamnestic study on psychopathies with manifestation of pathological barometry. T. P. Pechenikova. Probl. obshch. i med. psikh. no. 14:117-127 '63.
- Clinical and catamnestic study of psychopathic patients with a paranoic development. V. L. Pilyavskaya. Probl. obshch. i med. psikh. no. 14:138-145 '63.
- Development of neurotic processes. N. D. Tselikova. Probl. obshch. i med. psikh. no. 14:46-53 '64.
- Dynamics of a prognostically favorable variant of the so-called organic psychopathies. L. I. Kuleva. Probl. obshch. i med. psikh. no. 14:141-145 '64.
- Dynamics of psychopathies and the significance of various forms in forensic psychiatry. N. I. Tselikova. Probl. obshch. i med. psikh. no. 11:18-32 '63.
- Evaluation and utilization of data from experimental psychological studies on patients with epileptic foci following influence. I. L. Mikautova. Trudy Gos. nauch.-issl. inst. psikh. 43:349-350 '63.
- Explosive variation of pseudopsychopathic depressive states in schizophrenia. O. I. Tselikova. Probl. obshch. i med. psikh. no. 13:104-107 '62.
- History of the origin of experimental psychological studies in psychoneurological institutions. A. M. Gub. Trudy Gos. nauch.-issl. inst. psikh. 41:301-309 '65.
- Practical work of the psychologist in psychiatric hospitals. V. V. Kostikova. Trudy Gos. nauch.-issl. inst. psikh. 13:81-86 '65.
- Psychological analysis of patients' complaints connected with objective clinical and experimental psychological data, the so-called "interior picture of the disease." V. V. Kostikova. Trudy Gos. nauch.-issl. inst. psikh. 43:87-96 '65.
- Psychopathological variations of hypochondriac states. A. K. Anufriev. Probl. obshch. i med. psikh. no. 13:107-109 '62.
- Results of medicinal treatment of psychopathies. V. I. Gubinskii. Probl. obshch. i med. psikh. no. 14:95-101 '63.
- Some data on the dynamics of psychopathies based on material of prolonged catamnestic. N. K. Shchegoleva. Probl. obshch. i med. psikh. no. 14:102-110 '63.
- Subject and problems of pathopsychology. B. V. Zeligovskii. Trudy Gos. nauch.-issl. inst. psikh. 41:7-13 '65.
- Use of experimental methods for studying psychopathological phenomena. S. I. Rudnikova. Trudy Gos. nauch.-issl. inst. psikh. 43:44-41 '65.

PSYCHOLOGY, PHYSIOLOGICAL

- Effect on the human organism of a prolonged stay in a closed chamber of small size. N. A. Agadzhanian and others. Probl. kosm. biol. 4:31-43 '65.
- Experimental psychology study of a group of rats. F. D. Gorbov, M. A. Novikov. Probl. kosm. biol. 1:17-20 '65.

PSYCHOLOGY OF MOVEMENT see Movement, Psychology of

PSYCHOPHARMACOLOGY

- Characteristics of the process of attention in schizophrenia in relation to the treatment with insulin and neuroleptics. G. I. Sharashidze, Trudy Gos. nauch.-issl. inst. psikh., 43 110-116 '65
- Results of medical treatment of psychopaths. V. I. Gindfink, Probl. obshch. i sud. psikh. no. 11 95-101 '63.
- Significance of reserpine as a psychotropic drug. L. L. Rohlin, Trudy Gos. nauch.-issl. inst. psikh., 42 3-10 '65.

PSYCHOPHARMACOLOGY—BIBLIOGRAPHY see Bibliography—Psychopharmacology

PSYCHOSES

- Insulin activity in the blood plasma during insulin shock therapy in psychoses. A. E. Lichko, T. M. Pliatskaya, L. G. Lehtson, Zhur. nev. i psikh. 65 no. 2 275-282 '65.
- Postoperative psychoses. B. A. Tsilber, Zhur. nev. i psikh. 65 no. 9 1398-1403 '65
- Study of the bioelectric activity of the brain in the delirious form of involutional psychosis. D. M. Mendelevich, Nauch. i trudy Kaz. gos. med. inst. 14 483-484 '64
- Unfavorable course of reactive psychoses. N. I. Golinskaya, Probl. obshch. i sud. psikh. no. 14 161-176 '63.

PUBERTY

- Anorexia nervosa as one of the forms of pathological reactions of pubertal age. N. N. Averkovich, Probl. obshch. i sud. psikh. no. 14 65-94 '63.
- Congenital dysfunction of the adrenal cortex in boys. E. P. Kasatkina, Trudy TSU 78 68-95 '65
- Formation of the secondary sexual characteristics in relation with the general development of the adolescent organism. V. S. Solov'ev, Vop. ant. no. 10 87-98 '64.

PUBLIC HEALTH

- (see also subdivision under Gyandzhin Khanate; Tatar A.S.S.R.)
- Kazan Society of Physicians and social medicine in Russia. N. I. Zhuchkova, Nauch. i trudy Kaz. gos. med. inst. 11 27-28 '64.
- Made of life and aging. P. D. Marchuk, Sov. med. 28 no. 9 139-141 S '65.
- Special item exhibitions and shows; public health and education. Inform. biul. VDNKH no. 10 35-39 O '62.

PUBLIC INSTITUTIONS—ACCOUNTING

- Centralization of accounting in public institutions. Z. Zhutova, Bukh. uch. 22 no. 8 9-14 Ag '65.
- Problems of the centralization of accounting for institutions financed from the budget. E. Dedkov, Bukh. uch. 22 no. 8 3-9 Ag '65.

PUBLIC INSTITUTIONS—AUDITING AND INSPECTION

Finogov, P. V. [Analysis of the carrying out of the estimated expenditures of public institutions. Analiz ispolneniya smet. i raschodov budzhetnykh uchrezhdenii. Moskva, Finansy, 1965 146 p.

PUBLIC OPINION

- (see also subdivision under Latin America; United States)
- Augmentation of the role of the moral factor in the regulation of social behavior. A. A. Tatarskaya, Vestn. AN BSSR. Ser. iur. nauch. no. 3 31-38 '65

PUBLIC PROSECUTORS

- (see also subdivision under Georgia; Kharkov Province; Lugansk Province; Saksk, Rostov Province; Semipalatinsk; Sevastopol, Ukraine; Union Republics)
- After all, behind the complaint there is a living person. A. Michurin, Sots. zakon, 42 no. 8 11-14 Ag '65.
- Basic objectives of scientific research on procuratorial supervision. V. Zvirbul', Sots. zakon, 42 no. 8 37-39 Ag '65.
- Council on Methodology of the Procuracy of the U.S.S.R. Sots. zakon, 42 no. 8 80-81 S '65.
- From the practice of procuratorial supervision. Sots. zakon, 42 no. 8 86-89 S '65.
- General supervision over law observance. V. Kuznetsov, Sots. zakon, 42 no. 8 10-25 S '65.
- Improve the organizational structure and thoughtfully utilize the personnel of the organs of the procuracy. B. Iakovlev, Sots. zakon, 42 no. 8 27-30 Ag '65.
- Improve the system of retraining of procuratorial investigative personnel. Sots. zakon, 42 no. 8 55-56 S '65.
- Klascov, I. A., and A. A. Abramova, eds. [Procuratorial supervision over the observance of labor laws] Nadzor prokuratury za soblyudeniem trudovogo zakonodatel'stva. [Moskva] Izd-vo Mosk. univ., 1965. 147 p.
- Methodology of conducting a course on the subject "Procuratorial supervision in the U.S.S.R." D. Karev, V. Sorokina, Sots. zakon, 42 no. 8 38-42 Ag '65.

- Practices of procuratorial supervision. Sots. zakon, 42 no. 8 84-88 Ag '65
- The procurator as criminalist. Sots. zakon, 42 no. 8 2-7 S '65.
- Procuratorial supervision at the stage of inquiry and preliminary examination. G. M. Lashuk, Sov. gos. i pravo 35 no. 9 113-116 S '65
- Procuratorial supervision in the U.S.S.R. M. Malarov, Sots. zakon, 42 no. 8 34-39 Ag '65.
- Raise work qualifications by every means. V. Klimov, Sots. zakon, 42 no. 8 57-59 S '65

PUBLISHERS AND PUBLISHING see subdivision under Ukraine

PUGACHEV, EMELIAN IVANOVICH, d. 1775—FICTION

- Pushkin and Pugachev. M. Tsvetova, Vop. lit. 9 no. 8 174-195 Ag '65.

PULLEYS

- Results of field tests of the performance of brake pulleys of draw works. S. G. Babaev, V. A. Sedov, M. I. Askarov, Mash. i elekt. obr. no. 8 12-15 '65.

PULMONARY CIRCULATION

- Changes in the hemodynamics of the pulmonary circulation in pulmonary edema. I. A. Serobovskaya, E. P. Rudin, Biol. eksp. biol. i med. 60 no. 8 25-28 Ag '65.
- Effect of reserpine on pulmonary circulation and the bronchial tone. R. M. Zaslavskaya, Pat. fiziol. i terapi. 9 no. 4 61-69 Ji-Ag '65.
- Pulmonary circulation in the acute period of myocardial infarct in dogs with an intact thorax. A. P. Reshetko, Biol. eksp. biol. i med. 60 no. 8 21-24 Ag '65.

PULMONARY EDEMA

- Changes in the hemodynamics of the pulmonary circulation in pulmonary edema. I. A. Serobovskaya, E. P. Rudin, Biol. eksp. biol. i med. 60 no. 8 25-28 Ag '65

PULMONARY EMPHYSEMA see Emphysema, Pulmonary

PULMONARY HEART DISEASE see Cor pulmonale

PULSE CIRCUITS

- Analysis of a transistor trigger amplifier with emitter-base coupling. N. V. Mon'akov, Sbor. trud. LILZHT no. 223 26-55 '64.
- Analysis of transistorized sawtooth voltage generators with positive feedback. A. Z. Model', G. N. Shishkov, Radiotekhnika 20 no. 8 46-57 S '65.
- Passage of pulse signals through a distributed RC circuit containing a nonlinear p-n junction capacitance. V. A. Losavskii, Radiotekhnika i elektronika 10 no. 9 1645-1652 S '65.
- Pulse selector. V. Rukhov, M. Kushner, IU. Mel'kov, Radio no. 7 64 Ji '65.
- Synchronization of multiphase transistor multivibrators. V. I. Beitski, Elektr. svyaz' 19 no. 9 24-29 S '65

PULSE TECHNIQUES (ELECTRONICS)

- Characteristics of density in magnetic recordings of pulse signals. A. I. Vichos, Radiotekhnika 20 no. 9 63-71 S '65
- Design of a pulse transformer for impulses with random form. N. I. Dmochovskaya, Izv. LETI no. 52 178-181 '64.
- New method for shaping a stepping sawtooth voltage form. I. E. Klovatov, Trudy MEI no. 52 155-161 '63.
- Study of the operation of a time discriminator in automatic control systems. V. N. Kachurin, Izv. LETI no. 52 26-40 '64.
- Transistor interference during the shaping of a modulated pulse train using a shock-excitation stage. A. I. Dzygalo, Sbor. trud. LILZHT no. 224 108-113 '64.

PULVERIZED COAL see Coal, Pulverized

PUMPING MACHINERY

- Comparing technical indices of gear and rotary pumps. M. I. Dancan, Mashinostroenie no. 5 10-52 6-O '63.
- Conditions of the modeling of cavitation phenomena in refrigerant pumps. A. B. Baenholm, Khol. tekhn. i tekhn. no. 1 95-103 '65.
- Elements of the theory of a pneumatic wind-driven displacement water-well pump. D. V. Altsh'ev, Dokl. Akad. sel'khoz. nauk no. 7 41-45 Ji '65
- Mechanization of the construction of wells and the pumping of water from them in the Virgin Territory of Kazakhstan. Nauch. trudy VNIIGIM 45 153-175 '65
- Pumping machinery and compressor equipment. N. K. Troitskaya, Inform. biul. VDNKH no. 10 6-7 O '62.
- Redesigning of the delivery unit of the STS10 feed pump. G. P. Shuberg, Energetik 13 no. 9 15-18 S '65.
- Work of a double barrel displacement pump in unstable operating conditions. V. G. Liberov, Vest. sel'khoz. nauki [Kazakh.] 8 no. 9 63-68 S '65.

PUMPING MACHINERY—TESTING

- Investigating the suction power of a labyrinth pump for various fluids. A. B. Baenholm, Izv. vyz. uch. zaved. av. tekhn. 7 no. 3 151-156 '65
- Some results of the cavitation testing of pumps with refrigerants. A. B. Baenholm, I. M. Pechinskaya, Khol. tekhn. i tekhn. no. 1 101-110 '65.

PUMPING MACHINERY, ELECTRIC (see also subdivision under White Russia)

- The PNR-600/50 immersion pump. G. S. Kov, M. Rabei, V. Usachev, Ruch. transp. 21 no. 8 25 Ag '62

PUNCHED CARD SYSTEMS

- Economy of time plus practicality. D. Zhubanova, Nat. khoz. Kazakh. 23 no. 8 75-77 Ag '65.
- "Engineering data" card catalog of cards with perforated borders. P. G. Baliaev, NTI no. 7 30 '65
- Practices in building and using information retrieval systems on cards with perforated borders, punched cards with machine sorting and superimposed punched cards. V. I. Gol'dinov, I. A. Iurcova, F. M. Gorbela, NTI no. 7 25-30 '65
- Galkin, G. V., and others. [Punched-card computing machines, P80-5, P80-6, PA80-2 perforators K80-6, K45-8, KA80-2, controllers and S80-5, S45-5, S80-5M, S45-5M sorting units] Schemo-perforatsionnye mashiny, perforatory P80-5, P80-6, PA80-2, kontrol'niki K80-6, K45-8, KA80-2 i sortirovki S80-5, S45-5, S80-5M, S45-5M. Pod red. V. N. Riazanskina. Moskva, Statistika, 1965. 207 p.
- Garin, M. I., M. I. Stul'pinas, and L. S. Iakobson. [Use of the P80-45 result perforator] Primenenie liogovogo perforatora P80-45. Moskva, Statistika, 1965. 62 p.
- System of the differentiated distribution of information by the use of punched card machinery. O. A. Kurnetsov, L. N. Khimov, NTI no. 6 25-31 '65
- Technology of the preparation of cards with perforated borders. M. I. Levshstein, NTI no. 6 38-41 '65.

PUNCHED CARD SYSTEMS—BAKERIES

- Machine accounting in a centralized accounting office. B. Krasil'shchikov, Bukh. uch. 22 no. 8 33-44 Ag '65.

PUNCHED CARD SYSTEMS—COAL MINES AND MINING see subdivision under Donetsk Economic region

PUNCHED CARD SYSTEMS—INDUSTRIAL MANAGEMENT

- A system ensuring an overall mechanization. E. Sherman, Sots. trud. 10 no. 9 47-56 S '65.

PUNCHING MACHINERY

- Causes of the crumbling out of hard-alloy blanking dies. S. M. Khmara, V. P. Smolnikov, A. A. Kolomoitsay, Kuz.-shit. i obr. 7 no. 8 21-23 Ag '65
- Group method for the punching of Jacquard cards from an undeveloped pattern. B. S. Kruglov, Tekst. prom. 25 no. 8 31-38 Ag '65.
- Spring punch. A. P. Pozniakov, Mekh. stroit. 22 no. 7 23 Ji '65.

PUNISHMENT

- Responsibility for the evasion of collective labor. L. Kinkimaynik, Sov. iust. 29 no. 16 8-9 Ag '65.
- Round table of the periodical "Sotsialisticheskaia zakonost'" Effectiveness of punishment. Sots. zakon, 42 no. 8 2-6 Ag '65.

PUPIL (EYE)

- Rigidity of the sphincter pupillae in long-lived persons. Z. I. Rzarov, Sbor. nauch. trud. SOGMI no. 14 22-27 '63

PURINE METABOLISM

- Effect of a high molybdenum content in the environment on purine metabolism in man. G. A. Iarovaya, Trudy UN. duzh. nar. i Vop. med. no. 1 44-57 '64.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837

- Akademika nauk SSSR. Institut russkoi literatury. [Pushkin; studies and materials] Pushkin; issledovaniia i materialy. Moskva, Izd-vo Akad. nauk SSSR, 1956- (MosSW)
- Fel'mberg, I. L. [Unfinished works of Pushkin] Neza-vershennyye raboty Pushkina. Izd. 4., dop. Moskva, Sovetskii pisatel', 1964. 430 p. (NSU) (NJR)
- Lapkina, G. A. [Pushkin on the playbill] Na afishe - Pushkin. Leningrad, Iskustvo, 1965 157 p.
- Pushkin and Derzhavina. G. S. Talishcheva, Vest. LGU 20 no. 14 106-116 '65.
- Pushkin and Pugachev. M. Tsvetova, Vop. lit. 9 no. 8 174-195 Ag '65.
- Some problems in the translation of A. S. Pushkin's novel "Evgenii Onegin" into Turkic languages; by example of the novel as translated into Azerbaijani. Z. Gasanov, Vest. LGU 20 no. 14 95-105 '65.
- Words in novels. M. Bakhtin, Vop. lit. 9 no. 8 84-90 Ag '65.

- PUITY**
Use of plastic in the making metallic forms for reinforced concrete products. I. B. Gushchberg. Bet. 1 zhuk. 11 no. 9 38-40 5 '65
- PYGMIES** see subdivision under Andaman Islands
- PYMONENKO, MYKOLA KORNYLOVYCH, 1862-1912**
Zapovednyy, I. A. P. [Mykola Korniylovych Pymonenko] *Mykola Korniylovych Pimonenko*, Gos. izd-vo izdatel'stva, 1963. 1 v. illus. (RU)
- PYRALID MOTHS** see subdivision under Turkmenistan
- PYRAZOLE**
Chem. synthesis of pyrazoles on acetated paper. S. Tarbit, I. I. G. ruberg, A. N. Fost. Zhur. anal. khim. 20 no. 7 66-67 5 '65
- PYRAZOLINE**
Int. action of asymmetrically disubstituted hydrazines with active, α , β -unsaturated acids. Report No. 1. Isolation of 1,1-dimethyl-3-pyrazolinum oxides. N. P. Zapevalova, F. A. Solov'ev. Izv. AN SSSR Ser. khim. no. 8 1442-1447 '65
- PYRETHRINS—TOXICOLOGY**
Cross resistance to pyrethrins in *Musca domestica* L. strains highly resistant to the action of chlorinated hydrocarbons. I. U. N. Miskit. Zhur. mikrobiol., epid. i immun. 42 no. 8 14-17 5 '65
- PYRIDINE**
Flavine catalysis of hydrogen transport from dihydropyridines and similar compounds. D. D. Mozheukhin and others. Izv. AN SSSR Ser. khim. no. 9 1692-1694 '65
- PYRIDINEACETIC ACID—THERAPEUTIC USE**
Combined cimetidine and reserpine treatment of schizophrenic patients. E. L. Kaganovskaya. Trudy Gos. nauch.-issl. inst. psikh. 42 97-104 '65
- PYRIDINIUM COMPOUNDS**
Separation and properties of pyridinium and barium salts of *O*-butoxyethylidene derivatives of uridine 3-phosphate. S. M. Zhenodarov, F. A. Sedukhina, Izv. AN SSSR Ser. khim. no. 9 1667-1669 '65
- PYRIDINOL—SPECTRA**
Electronic structure of 3-hydroxypyridines. Part 1. Proton magnetic resonance spectra and calculation by the methods of molecular orbitals and linear combination of atomic orbitals. V. P. Lezina and others. Teoret. i eksper. khim. 1 no. 3 261-269 My-Je '65
Electronic structure of 3-hydroxypyridines. Part 2. Chemical reactivity of 3-hydroxypyridines. K. M. Dlugav and others. Teoret. i eksper. khim. 1 no. 3 260-264 My-Je '65
- PYRIDOXAL—PHYSIOLOGICAL EFFECT**
Effect of pyridoxal-5-phosphate and DL-penicillamine on the decarboxylation of glutamic acid in homogenates of rat rhadomyoblastoma. F. T. Berezov, V. M. Khesman. Trudy Un. druzh. nar. 7, Vop. med. no. 1 39-43 '64
- PYRIDOXINE**
Effect of vitamins B₁₂ and B₆ on the growth and development of silkworm caterpillars. O. N. Mamedov and others. Izv. AN Turk SSR Ser. biol. nauk no. 9 50-51 '65
- PYRITES**
(see also subdivision under Tishinka, Altai Territory)
Leaching of rare elements from sulfide ores under the influence of bacteria. N. N. Lishkova, M. F. Kulikova, Dokl. AN SSSR 164 no. 3 674-676 '65
- PYROCATECHOL**
Effect of dopamine on the absorption of glucose by rat brain sections. N. A. Esatun, A. R. Armanian, Vop. biohim. moz. 1 123-130 '65
- PYROCATECHOL VIOLET**
Photometric determination of microquantities of iron by means of pyrocatechol violet. I. I. Bermanas, E. I. Lisinskaya. Zhur. anal. khim. 20 no. 7 611-613 '65
- PYROCEAMICS**
Possibility of the appearance of porosity in the process of pyroceram formation. V. I. Shchubskiy, Izv. AN SSSR Neorg. mat. 1 no. 7 1235-1237 Ji '65
Volume changes in heat resistant pyrocerams originating in the process of thermal treatment. V. I. Goltzman, L. K. Babkina, V. P. Staliva, Izv. AN SSSR, Neorg. mat. 1 no. 7 1229-1233 Ji '65
- PYROCEAMICS—ELECTRIC PROPERTIES**
Forming images on pyroceramics. E. A. Blevetskii, E. T. Sharnopol'skaya. Stek. i ker. 22 no. 7 12-13 Ji '65
- PYROCEAMICS, EFFECT OF RADIATION ON**
Effect of neutron irradiation on crystallized glass materials. S. M. Brekhovskiy, I. U. Grinshteyn. Stek. i ker. 22 no. 8 15-17 Ag '65
- PYROCHLORE**
Investigating the effect of acid treatment on the flotation of pyrochlore with a cation collector. M. P. Potekhin, A. V. Glembovskiy, V. I. Solov'ykhin. Izv. vuz. ucheb. zav., teoret. met. 8 no. 4 29-33 '65
- PYROCHLORE—ANALYSIS**
Composition of pyrochlore group minerals from rare-metal pegmatites. D. A. Alimov, N. V. Skorobogatova, A. V. Bykova. Dokl. AN SSSR 161 no. 2 399-402 '65
- PYROGENS**
Development of fever reaction due to the injection of a bacterial lipopolysaccharide and endogenic pyrogen into the lateral cerebral ventricles in rabbits. I. S. Repin, A. V. Yotokin. Pat. fiziol. i eksp. terap. 9 no. 4 17-51 Ji-Ag '65
- PYROLYSIS**
Obtaining hydrogen from the methane-hydrogen reaction of pyrolytic gas. V. P. Rozhdenskiy, V. I. Efremov, V. V. Shkol'nikova. Izv. vuz. ucheb. zav., teoret. met. 8 no. 2 199-210 '63
- PYROMETERS**
Reproducibility of the position of a temperature tube on the optical support of a spectropotometer. L. A. Bolarskiy, P. G. Strelokov. Izv. tekhn. no. 8 15-17 Ag '65
- PYROMETRY**
Equipment for the statistical measurement of the temperature of forgings. E. N. Lunin, G. F. Zimin, Kuz.-shtam. protzv. 7 no. 9 14-17 '65
Studying soil particles below 0.01 mm by the method of thermography and infrared spectroscopy. B. A. Dneprov, A. A. Simukhametova, Izv. TSKHA no. 2 158-164 '65
- PYROLIDINONE—TOXICOLOGY**
Toxicological characteristics of methylpyrrolidone. K. P. Stasenkova, T. A. Kochetkova. Toks. nov. prom. khim. veshch. no. 7 27-38 '65
- PYRROLINE**
Structure of Schiff's bases of *N*-arylpiperidines. A. P. Terent'ev, M. A. Volodina, V. A. Kudriashova, Dokl. AN SSSR 164 no. 1 115-118 '65
- PYSHMA VALLEY—BIRCH**
Birch in the Pyshma Valley forests of the wooded steppe trans-Ural region. A. K. Mafiev. Izv. SO AN SSSR no. 8 Ser. biol.-med. nauk no. 2 72-75 '65
- QUADRATIC FORMS** see Forms, Quadratic
- QUADRATIC RESIDUES** see Congruences and residues
- QUALITY CONTROL**
(see also subdivision under Lugansk Province; Ukraine)
Let's put the quality of goods under an emitting control. A. Pleshev. Sov. potrebn. koop. 9 no. 9 33-35 '65
Quality control of perfume products. K. I. Kupferman, Maslozhir. prom. 31 no. 9 38 '65
- QUANTUM CHEMISTRY**
Quantum aspects of catalysis. I. U. S. Mardashev, Zhur. fiz. khim. 39 no. 8 1817-1822 Ag '65
- QUANTUM ELECTRODYNAMICS**
Nonpolarized state in lepton radiations engendered in neutrino interaction with matter. G. V. Shishkin, Dokl. AN SSSR 9 no. 7 443-445 Ji '65
Regge behavior of the scattering amplitude in quantum electrodynamics with a heavy photon. V. G. Serbo, G. V. Frolov. Vest. LGU 20 no. 16 39-40 '65
- QUANTUM FIELD THEORY**
Spontaneous disturbance of symmetries in quantum field theory. G. Domokosh, P. Shun'at, Izv. fiz. 2 no. 3 501-511 '65
Use of the Laplace transform in solving problems in radiation theory. V. A. Fok, A. V. Tutub, Vest. LGU 20 no. 16 7-20 '65
- QUANTUM THEORY**
Annihilation of the positron in the e⁺Li system. Din' Van Khoang. Zhur. eksp. i teor. fiz. 49 no. 2 630-634 Ag '65
Application of direct methods of mathematical physics in the theory of quantum transitions. Part 1. A. N. Kuzhurenko, Izv. vuz. ucheb. zav., fiz. 8 no. 3 10-28 '65
Calculation of the angular distribution of resonance charge exchange. I. U. N. Demkov, I. U. M. Murakhver, Zhur. eksp. i teor. fiz. 49 no. 2 835-841 Ag '65
- Determining the coefficient of light attenuation by a particle. S. D. Tsvetkov. Izv. vuz. ucheb. zav., fiz. 8 no. 3 117-149 '65
Determining the intensities and multiplicity of high-energy gamma transitions accompanying Ta¹⁸⁰ decay. V. D. Vitman, N. A. Volnova, B. S. Dzhelapov, Izv. fiz. 2 no. 3 393-401 '65
Effect of the quantum nature of matter on the transmission of information. T. D. Likhachev, Sov. AN, tekh. fiz. 31 no. 2 201-201 My '65
Form factors and interaction constants for the π - π system of the SU(6) group. Nguyen Van Khanh, I. A. Shchubskiy, Izv. fiz. 2 no. 3 511-551 '65
Generation-recombination noises in a magnetic field. V. A. Kovarskiy, I. A. Chirkovskiy, Fiz. tverd. tela 2 no. 8 190-2501 Ag '65
Mean widths of radiative transitions in "heated" nuclei. R. N. Kuklin. Izv. fiz. 2 no. 3 109-111 '65
Motion of the poles of the quantum mechanical partial amplitude in the complex plane of the coupling constant. I. U. N. Demkov, I. V. Kibishch, I. M. Shalun, Izv. vuz. ucheb. zav., fiz. 8 no. 3 86-91 '65
One quasi-single particle approximation in continuous problem of many particles. G. I. Kravko, Dokl. AN SSSR 161 no. 2 298-300 '65
An oscillator model for elementary particles. V. I. Man'ko. Izv. fiz. 2 no. 3 512-516 '65
Quasi-classical quantization of electrons and holes in a band in a magnetic field. L. A. Palkovskiy, Zhur. eksp. i teor. fiz. 49 no. 2 609-617 Ag '65
Recombination relaxation in a quantized magnetic field. V. A. Kovarskiy, I. A. Chirkovskiy, Fiz. tverd. tela 2 no. 8 2505-2512 Ag '65
Rules of selection for nuclear reactions involving nuclear associations in the SU(3) scheme. N. S. Zelenovskiy and others. Izv. fiz. 2 no. 3 427-432 '65
Scattering of Dirac particles in an external central field with allowance for radiation correction. V. D. Kamenetskiy, Izv. vuz. ucheb. zav., fiz. 8 no. 3 15-11 '65
S-matrix poles of the second order and resonance scattering. I. U. N. Demkov, G. I. Kravko, Zhur. eksp. i teor. fiz. 49 no. 2 601-608 Ag '65
Spectral relationship of the quantum yield of photochemical and nonphotochemical reactions in the 15-70 nm region. S. A. Kulikov, Zhur. prikl. spekt. 1 no. 1, 1-11 '65
Study of the nonrelativistic quantum theory of particle scattering. V. D. Kamenetskiy, Izv. vuz. ucheb. zav., fiz. 8 no. 3 101-104 '65
Theory of a self-consistent field in multiconfigurational approximation. I. H. Dladusha, V. A. Kupcheych, Dop. AN URSR no. 9 1161-1166 '65
Theory of π - π exchange in the case of non-zero orbital momenta. S. V. Voznyuk, M. S. Vyrskiy, Zhur. eksp. i teor. fiz. 49 no. 2 602-608 Ag '65
Theory of stationary radiation from a homogeneous system in a resonator with many modes. Part 2. Final conditions for laser radiation. I. H. Dladusha, V. S. Maslovskiy, Ukt. fiz. zhur. 10 no. 9 906-1006 '65
Unitary and spin content of SU(6) supermultiplets. A. V. Perelomov, V. M. Popov, I. A. Malkin, Izv. fiz. 2 no. 3 533-542 '65
The variational principle for the energy of quasi-stationary states. V. S. Rudakov, Vest. LGU 20 no. 16 114-130 '65
- QUARRIES AND QUARRYING**
Automation of drainage systems. V. P. Lotnitsky. Izv. i put. khoz. 9 no. 9 10-10 '65
- QUARRIES AND QUARRYING—EQUIPMENT AND SUPPLIES** see subdivision under Novomoskovsk
- QUARRIES AND QUARRYING—SAFETY MEASURES**
Use of two live primers improves the quality of blasting operations. V. M. Ratnoi, G. I. Plakhov, Geotekhn. no. 9 71 '65
- QUARTZ**
(see also subdivision under Fochenko Glacier region, Kazakhstan, Pamirs)
X-ray spectra of silicon in crystalline and glasslike quartz and lithium-silicate glasses. O. A. Lashov, D. A. Gogonov, A. P. Lukitskiy, Fiz. tverd. tela 7 no. 8 2355-2361 Ag '65
- QUARTZ CRYSTALS—DEFECTS**
Structural defects in molten quartz. A. A. Gorbachev, Dokl. AN SSSR 164 no. 3 648-651 '65
- QUARTZITE** see subdivision under Almaty region (Uzbekistan); Kazakhstan
- QUARTZITE—TESTING**
(see also subdivision under Pervouralsk region, Sverdlovsk Province)
Comparing the properties of quartzites from the Ural and Pervouralsk deposits. L. I. Kuz'min, Tsvet. met. 30 no. 8 91-92 Ag '65

QUEEN MAUD LAND—ICE

Relief of the ice sheet and subglacial floor of Queen Maud Land. A. P. Kapitsa, O. G. Semakina. Inform. biol. Sov. antarct. eksp. no. 51:23-26 '65.

QUESTIONS AND ANSWERS—LAW

Akademii nauk SSSR. Kiev. Sektor derzhav. prava, [570 questions and answers on Soviet law, law manual for the population]. 570 voprosov i otvetov po sovetskomo zakonodatel'stvu, na ruzhicheskii spravochnik dlia naseleniia. Kiev, Naukova dumka, 1965. 501 p.

QUESTIONS AND ANSWERS—PENSION

Questions and answers. Sots. obshch. 26 no. 9:58-60 S '65.

QUEUEING THEORY

Akademii nauk SSSR. Institut problem peredachi informatsii. [Control and switching systems]. Sistemy upravleniia i kommutatsii. Moskva, Nauka, 1965. 136 p.

Existence of a limit distribution in queueing systems with bounded sojourn times. L. G. Afanas'eva, Teor. veroiat. i ee prim. 10 no. 3:670-678 '65.

Some limit theorems in queueing theory. Part 2. Multichannel systems. A. A. Borovkov, Teor. veroiat. i ee prim. 10 no. 3:409-437 '65.

QUININE

Effect of quinine on the protein synthesis in leaves. O. N. Kulueva, N. L. Khluchko. Dokl. AN SSSR 161 no. 2:458-161 S '65.

QUINOLINETHIOL

Amperometric titration of molybdenum with 8-mercaptoquinoline. V. I. Suptunovich, IU. I. Usatenko. Zhurnal Khim. 20 no. 7:800-806 '65.

QUINOLINOL

Formation of 8-hydroxyquinolone-11(10-methylol) as a space-network polymer. K. A. Andrianov, I. A. Lavynin. Vysokom. soed. 7 no. 6:1000-1001 Je '65.

QUINONES

o-Quinone chelates containing Cu(II) and Fe(III) ions as hydroxylating and oxidizing agents. Organic catalysts. Part 76. Catalytic activity of o-quinones. Y. K. I. Matveev and others. Khim. i tekhn. 6 no. 1:651-657 Ji-Ag '65.

Use of hydrolytic lignin for the production of quinonic nitropolyacetylenic acids as growth promoting substances. M. I. Chudakov and others. Dokl. AN SSSR 161 no. 3:606-601 S '65.

RACE DISCRIMINATION see Subdivision under South Africa, Republic of, United States

RADAR IN ASTRONOMY

Characteristics of radio echoes from meteors at the observation of the resonance effect on wave length $\lambda = 10$ m. E. K. Nemirova, Izv. TPI 100:371-40 '62.

Distribution of intervals between radio echoes from meteors. E. I. Flalko, G. I. Kalinchenko. Izv. TPI 100:26-35 '62.

Distribution of radio reflections from meteors by duration. E. I. Flalko, Izv. TPI 100:54-74 '62.

Effect of cosmic noises on the number of meteors detected in one hour. L. P. Serafinovich, Izv. TPI 100:118-123 '62.

Intensity of the signal reflected from meteor trail under conditions of severe diffusion. E. I. Flalko, Izv. TPI 100 '62.

Methods for separating radio reflections caused by meteors of a shower. E. I. Flalko, Izv. TPI 100:152-154 '62.

Positive and occasional radio detection of steady meteor trails. E. I. Flalko, Izv. TPI 100:86-100 '62.

Radar observations of meteor activity in Tomsk according to the International Geophysical Year program in 1957. E. I. Flalko, A. V. Saenko, Izv. TPI 100:20-27 '62.

Radio detection of steady meteor trails under integration conditions. E. I. Flalko, Izv. TPI 100:112-117 '62.

Radio detection of unsteady meteor trails under photo-recording conditions. E. I. Flalko, Izv. TPI 100:101-111 '62.

Recording conditions of various type ionized meteor trails. E. I. Flalko, Izv. TPI 100:140-144 '62.

Relationship between the average number per hour of detected meteors and the frequency of pulse emission by the radar. E. I. Flalko, Izv. TPI 100:124-127 '62.

Resonance scattering of radio waves by paraboloid meteor trails. E. K. Nemirova, Izv. TPI 100:75-84 '62.

Selective properties of the radar observations of meteors: Pt. 2. Steady trails. E. I. Flalko, Izv. TPI 100:145-151 '62.

Some results of radar observations of meteors in Tomsk in 1957-1959. E. I. Flalko and others. Izv. TPI 100:10-19 '62.

Some statistical characteristics of meteors observed by radar. E. I. Flalko, Izv. TPI 100:4-15 '62.

RADAR IN ASTRONOMY—NOISE

Accounting for the effect of cosmic noises on the number of radio detected meteors. G. N. Glazov, Izv. TPI 100:128-133 '62.

Determining the level of external interferences on wave lengths from 1 to 30 m. L. P. Serafinovich, Izv. TPI 100:131-139 '62.

RADAR IN NAVIGATION

Detectability of objects at sea by radar. I. Dzhin. Morsk. flot. 23 no. 9:20-21 S '65.

Use of parabolic radar reflections. N. Shuragan. Rezh. transp. 21 no. 8:17 Ag '62.

RADIANT HEATING

Heat emission by coupled concrete heating panels. G. S. Shcheglov. Shor. trud VNIIS no. 18:5-12 '67.

RADIATION

Characteristics of radiation-induced cross-linking of some polyolefins and their copolymers in an N₂O medium. V. I. Karpov and others. Vysokom. soed. 7 no. 6:1399-1322 Ag '65.

Effect of the reflectivity of the underlying surface on the flux of long-wave radiation in the free atmosphere. G. N. Kostanov, Izv. AN SSSR, Fiz. atm. i oklana. 1 no. 9:996-1000 S '65.

Physicochemical properties of the radiolysis product of crystalline o-nitroaniline. E. N. Zolotarevskii, Dokl. AN SSSR 161 no. 2:334-335 S '65.

Radiation cross-linking of polyelectrolytes based on polyacrylamide. IU. D. Kholodova, V. A. Sharipov, N. V. Zakatova. Vysokom. soed. 7 no. 5:795-801 My '65.

Results of an experiment for the use of biophysical methods in plant protection. S. V. Andreev, B. K. Martens. Trudy VILR no. 17:359-377 '63.

RADIATION—CONGRESSES

Moscow conference of specialists from the Council of Mutual Economic Assistance on problems affecting the use of ionizing radiation. V. I. Averkiev, Atom. energ. 19 no. 3:313-314 S '65.

RADIATION—DOSAGE

Continuous centralized control of individual radiation doses. V. S. Zhelezov and others. Atom. energ. 19 no. 2:157-161 Ag '65.

Gamma-ray and neutron dosimetry in nuclear reaction by means of colored polyvinyl alcohol films. I. A. I. Lavrentovich and others. Atom. energ. 19 no. 3:273-278 S '65.

Symposium on Individual Dosimetry in the Case of Accidental External and Internal Overexposure. G. M. Obaturov, Atom. energ. 19 no. 2:209-211 Ag '65.

Use of polyethylene sampling tubes for dosimetric air control. P. A. Konovats, L. M. Plushchanskii, V. A. Solov'ev, Atom. energ. 19 no. 2:201-203 Ag '65.

RADIATION—EFFECT ON AMMONIA see Ammonia, Effect of radiation on

RADIATION—EFFECT ON ELECTRONIC APPARATUS AND APPLIANCES see Electronic apparatus and appliances, Effect of radiation on

RADIATION—EFFECT ON GASES see Gases, Effect of radiation on

RADIATION—EFFECT ON GERMANIUM see Germanium, Effect of radiation on

RADIATION—EFFECT ON JUNCTION TRANSISTORS see Junction transistors, Effect of radiation on

RADIATION—EFFECT ON METHANOL see Methanol, Effect of radiation on

RADIATION—EFFECT ON MICRO-ORGANISMS see Micro-organisms, Effect of radiation on

RADIATION—EFFECT ON NERVOUS SYSTEM see Nervous system, Effect of radiation on

RADIATION—EFFECT ON OLEFINS see Olefins, Effect of radiation on

RADIATION—EFFECT ON PLANTS see Plants, Effect of radiation on

RADIATION—EFFECT ON PLASTICS see Plastics, Effect of radiation on

RADIATION—EFFECT ON POLYMERS see Polymers, Effect of radiation on

RADIATION—EFFECT ON PYROCERAMICS see Pyroceramics, Effect of radiation on

RADIATION—EFFECT ON SILICA see Silica, Effect of radiation on

RADIATION—EFFECT ON VINYL COMPOUND POLYMERS see Vinyl compound polymers, Effect of radiation on

RADIATION—EFFECT ON WATER see Water, Effect of radiation on

RADIATION—EFFECT ON VINYL COMPOUNDS see Vinyl compounds, Effect of radiation on

RADIATION—EQUIPMENT AND SUPPLIES

Radiation plants at the All-Union Scientific Research Institute for the Electrification of Agriculture. L. S. Laube and others. Atom. energ. 19 no. 2:212-216 Ag '65.

New radiation chamber in Poland. Atom. energ. 19 no. 2:217-219 Ag '65.

Use of the gamma-radiation method in calculating the efficiency of a radiation apparatus with planar irradiators. I. A. Makhlin, A. Kh. Bregi. Atom. energ. 19 no. 2:193-196 Ag '65.

RADIATION—PHYSIOLOGICAL EFFECT

Changes in the "hyaluronidase-antihyaluronidase" system under the influence of ionizing radiation. T. P. Gubokova. Nauch. trud. Kaz. gos. med. inst. 11:117-118 '64.

Correlation between two forms of postirradiation cell destruction in the bone marrow of mice, protected and not protected by mechanism. I. D. Alekseyev, Dokl. AN SSSR 161 no. 2:437-110 S '65.

Effect of ionizing radiation on the preventive properties of the blood serum of hyperimmune animals. P. I. Pitulkin, I. P. Zaidenberg. Dokl. Akad. nauk SSSR 161 no. 7:33-36 Ji '65.

Individual sensitivity of dogs to the effect of radiation. N. A. Volokhova. Med. rad. 9 no. 11:10-15 N '64.

Mercaptoamine. G. T. Chernenko. Med. rad. 9 no. 11:65-70 N '64.

Papillomas induced with 9, 10-dimethyl-1,2-benzanthracene following pituitary irradiation of skin section. V. S. Turusov, Vop. onk. 11 no. 7:58-63 '65.

Radiation-induced carcinogenesis. IU. I. Moskalov, V. I. Strel'tsova. Med. rad. 10 no. 8:40-17 Ag '65.

Radiation protection as related to the problem of the relative biological effectiveness of rare ionizing radiations. S. P. Abramson, A. G. Konoplyanikov. Probl. kossm. biol. 4:136-164 '65.

Some results of the observations on the development of irradiated chick blastoderm. IU. V. Korogodina. Radiobiologiya 5 no. 4:599-561 '65.

RADIATION-PROTECTIVE AGENTS

Effect of screening of separate parts of the animal body on the change in radiation reaction following action of gamma rays and high-energy protons. B. L. Razgovorov and others. Probl. kossm. biol. 4:411-429 '65.

Factors of radiosensitivity of plants following γ -irradiation. D. M. G. Odzinskii, N. I. Baidina, O. P. Golikova. Radiobiologiya 5 no. 4:599-601 '65.

General mechanism of the radioprotective action of amino thiols and analogs. E. I. Gerasimov and others. Dokl. AN SSSR 161 no. 2:141-141 S '65.

Injuring effect of 600 and 120 Mev. protons and the effectiveness of pharmacological protection. V. S. Shaahkov, V. S. Morozov. Probl. kossm. biol. 4:101-110 '65.

New ways of studying chemical protection against genetic changes. N. N. Zhitkov, V. V. Ershakov and others. Probl. kossm. biol. 4:415-450 '65.

Perspects for pharmacological protection against radiation injury in space flight. P. P. Saksonov and others. Probl. kossm. biol. 4:119-126 '65.

Protective effect of albumin in acute radiation sickness in rats and white mice. B. S. Berezavskii, Nauch. trud. Kaz. gos. med. inst. 14:97-98 '64.

Protective effect of water-soluble polysaccharide from a yeastlike microorganism of the genus Pullularia on irradiated mice. A. G. Lobanov, P. A. Bulanov, Dokl. AN SSSR 161 no. 7:477-479 Ji '65.

Radiation protection as related to the problem of the relative biological effectiveness of rare ionizing radiations. S. P. Abramson, A. G. Konoplyanikov. Probl. kossm. biol. 4:136-164 '65.

Radioprotective effectiveness of endogenous sulfhydryl compounds. T. I. Gerasimov, I. V. Nekrasova, A. G. Tarasenko. Dokl. AN SSSR 161 no. 3:694-695 S '65.

Synthesis of polyphosphamides containing residues of β , β -diaminodimethyl disulfide (cystamine). T. P. Nifant'ev, S. M. Markov, A. P. Tusev. Vysokom. soed. 7 no. 6:1020-1024 Je '65.

RADIATION SICKNESS

Disorders in the adaptation possibilities of the blood coagulation system in radiation injuries. I. A. Andrushevko, D. M. Zubairov, Nauch. trud. Kaz. gos. med. inst. 14:75-76 '64.

Dynamics of the changes in coagulative and fibrinolytic blood systems of dogs with acute radiation sickness. IU. T. Ponomarev. Radiobiologiya 5 no. 4:519-521 '65.

Effect of cystamine on the manifestation of pancytopenic syndrome of the acute radiation sickness in dogs. A. S. Mozhukhin, O. K. Makhlova, T. N. Sokolova. Radiobiologiya 5 no. 4:621-623 '65.

General reaction and radiation lesions in radiotherapy of cancer of the corvix uteris. A. I. Strashnin. Vop. onk. 11 no. 9:3-7 '65.

RADIATION SICKNESS (Continued)

Inhibition and restoration of the capacity for regeneration of peripheral nerves following irradiation G.S. Struchin, V.I. Evslukov Med rad 10 no 8 67-73 Ag '65.

Kandror, V.I. [Hypophysis and adrenal glands in radiation lesions of the body] Gipofiz i nadpochekovnik pri radiatsionnykh porazheniyakh organizma. Moskva, Meditsina, 1965. 147 p. (DNLM)

Kinetic regularities of the postirradiation restoration of cells. V.I. Korogodin, Med. rad. 10 no. 8-17-21 Ag '65.

Kurshakov, N.A., ed. [Acute radiation lesion in man] Ostrala radiatsionnaya travma u cheloveka Moskva, Meditsina, 1965 313 p. (Biblioteka prakticheskogo vracha) (DNLM)

Phagocytic activity of leucocytes in acute experimental radiation sickness. V.A. Almazov, N.N. Mamaev. Radiobiologiya 5 no. 4 533-535 '65.

Postirradiation restorative processes on the level of the organism tissues and cells. G.A. Zedgenidze Med. rad. 10 no. 8 5-17 Ag '65.

Protein metabolism of the liver and kidneys in acute radiation sickness according to histoautoradiography data V.A. Revis, V.N. Titov Med rad 9 no 11, 54-61 N '64

Radiation necrosis of the brain; observation in practice. G.I. Krasanova, N.M. Doshchenko Med rad 10 no 7:72-75 JI '65

Resistance of rats to an acute oxygen deficiency following radiation sickness. S.V. Gasteva, K.P. Ivanov, D.A. Chetverikov, Probl kosm. biol. 4:437-441 '65.

Restorative processes following irradiation and their relation to radiation leukemia. M.V. Sviatukhin, I.U.D. Sorokina, Med. rad. 10 no 8-47-55 Ag '65.

RADIATION STERILIZATION

Use of ionizing radiation and sorbic acid for the preservation of fruit and vegetables L.P. Koval'skaja and others. Kosm. i ov prom 20 no. 9 33-37 S '65.

RADIATORS

Methods of comparative evaluation and normative indices for steel radiators L.F. Krasnoshechikov Sbor trud VNIIS no 18 105-119 '63

RADICALS (CHEMISTRY)

Complexes of radicals and their role in the kinetics of liquid-phase radical reactions. A.L. Buchachenko and others. Kin. i kat. 6 no 4 601-606 JI-Ag '65

Degradation of rubbers by means of stable radicals. E.V. Reztsova, G.V. Chuhaiova Vysokom soed 7 no. 8 1345-1348 Ag '65

Effect of oxidation products of n-decane on the activity of radicals in chain propagation reactions L.G. Privalova, Z.K. Maluzov, E.T. Denisov Zhur fiz. khim. 39 no 8 1965-1969 Ag '65

Effect of reaction conditions of the rearrangement of radicals in solution M.I.A. Khorlina, R.Kh. Freidlina. Izv. AN SSSR, Ser. khim. no. 8:1483-1485 '65

Formation of free radicals in the catalytic reduction of carbon tetrachloride M.A. Besprozvannyi, N.F. Kononov, V.V. Kharlamov Izv. AN SSSR, Ser. khim. no 8:1345-1350 '65

Formation of radicals during the reaction of oxygen with the double bond of styrene. L.N. Denisova, E.T. Denisov. Izv. AN SSSR, Ser. khim. no. 9 1702-1704 '65

Free radicals in gamma-irradiated organic silica olefins T.N. Burushkina, A.A. Chulko, Teoret. i eksper. khim. 1 no. 3 394-399 My-Je '65.

Mechanism of the generation of radicals during the excitation of systems with intermolecular hydrogen bonding D.I. Khomskii, D.N. Shigorin. Zhur fiz. khim. 39 no 8 2053-2055 Ag '65

Migration of radical states in the solid phase. A.I. Mikhailov, I.S. Gaponova, I.A.S. Lebedev, Dokl. AN SSSR 164 no. 1:140-143 S '65.

Reaction involving an HO₂ radical Report 1: Mechanism of interaction of HO₂ radicals with saturated and unsaturated hydrocarbons and methyl alcohol. L.I. Avramenko, L.M. Evtushkina, R.V. Kolesnikova Izv. AN SSSR, Ser. khim. no 8:1336-1315 '65

Study of intermolecular reactions in free radical solutions of 2,2,6,6-tetramethylpiperidine nitric oxide by the nuclear magnetic resonance method. I.U. Samitov, D. Ibrahimov, Teoret. i eksper. khim. 1 no. 3:387-393 My-Je '65.

RADICALS (CHEMISTRY)—SPECTRA

Electron paramagnetic resonance spectra of free radicals in the products of degradation of solid oxygen-containing polymers. V.A. Radtsig, P.I.U. Butlagin, Vysokom. soed. 7 no. 5:822-827 My '65.

RADIO

Eternally living ideas. G. Kazakov, Radio no. 7:1-5 JI '65.

Iziumov, N.M. [Principles of radio engineering] Osnovy radio tekhniki. Moskva, Sviat' 1965. 541 p.

Twenty-first All-Union Scientific Session dedicated to the 70th anniversary of the invention of radio. Tekh. kino i telev. 9 no 8 87-89 Ag '65.

Twenty-first All-union scientific session dedicated to the 70th Anniversary of the invention of radio by A.S. Popov. Radiotekhnika 20 no 9 77 S '65.

RADIO—ABSTRACTS

[Radio engineering and telecommunication] Ref. zhur. Radiotekh. i elektronika no. 9 S '65.

RADIO—ANTENNAS

Antenna amplifiers with electronic tuning. V. Kostikov. Radio no. 7:26-27 JI '65.

Stability of the antenna-transmitter system covered by the reactive feedback. I.A. Veselkov. Izv. TPI 100 180-189 '62.

Stabilization of the current phase in a transmitter antenna by means of reactive high frequency feedback. I.A. Veselkov. Izv. TPI 100 180-185 '62.

Stabilization of the current phase in the antenna of a long wave transmitter by means of complex high frequency feedback. I.A. Veselkov. Izv. TPI 100-180-187 '62

RADIO—EQUIPMENT AND SUPPLIES

Ivanov-Espovitch, N.K. [Physical and chemical principles of the manufacture of radioelectric apparatus] Fiziko-khimicheskie osnovy proizvodstva radioelektricheskoi apparatury. Moskva, Vysshaya shkola, 1965 194 p.

RADIO—EXHIBITIONS

Exhibited by foreign countries. Vest. sviaz' 23 no. 9: 26-30 S '65.

RADIO—INTERFERENCE

Kharkevich, A.A. [Interference suppression] Bo'ba s pomeshkami. Izd. 2., ispr. Moskva, Nauka, 1965. 274 p.

Volin, M.L. [Stray couplings and induction] Parazitnyye svyazi i navodki. Izd. 2., ispr. i dop. Moskva, Sovetskoe radio, 1965. 231 p.

RADIO—NOISE

Measuring the noise ratio of linear receiving systems in an optical range. M.I. Gertsenshtein, I.A. Boloshein. Izv. tekhn. no. 8 32-35 Ag '65.

RADIO—RECEIVERS AND RECEPTION

Potential interference rejection of diversity reception. I.S. Andronov. Elektronsvaz' 10 no 9 10-16 S '65

RADIO—REPAIRING

Radio and television receivers should be serviced in an outstanding manner. G.N. Shakhmatov, Vent. svyazi 25 no. 9:27 S '65.

RADIO—TRANSMITTERS AND TRANSMISSION

Adjustment of the FM discriminator and IF amplifier of the ZHR-5 transmitter-receiver B.L. Letichevskii Avtom. telet. i svyaz' 9 no. 8:35 S '65.

Stability of the antenna-transmitter system covered by the reactive feedback. I.A. Veselkov. Izv. TPI 100 186-189 '62.

Stabilization of the current phase in a transmitter antenna by means of reactive high frequency feedback. I.A. Veselkov. Izv. TPI 100 180-185 '62.

Stabilization of the current phase in the antenna of a long wave transmitter by means of complex high frequency feedback. I.A. Veselkov. Izv. TPI 100:180-187 '62.

RADIO AND MUSIC

New music on the air. I.U. Evdokimova Sov. muz. 20 no. 8:114-115 Ag '65

RADIO ASTRONOMY

Bronshten, V.A. [Radio waves from outer space; lecture and materials] Radiovolny iz nishovykh glubin; material y pomoshch' lektora, Moskva, Ob-vo po rasprostraneniyu poln. i nauchn. znaniy RSFSR, 1961. 46 p.

[MICROFILM]

Limitation of the resolving power of radio telescopes and radio interferometers due to the conditions of radio wave propagation in outer space and in the earth's atmosphere. N.L. Kaidanovskii, N.A. Smirnova. Radiotekh. i elektron. 10 no. 9:1574-1582 S '65.

RADIO CIRCUITS

Synthesis of wide-band phase shifters. N.F. Semenuta. Sbor. trud. LIZIT no 224, 63-74 '64.

RADIO CLUBS

Force of the widespread participation of the Soviet public. Radio no. 7:1-2 JI '65.

Vigor of a Communist Youth League member. P. Babak. Radio no. 7:14 JI '65.

RADIO DIRECTION FINDING

Sensitivity of a receiver used in "fox hunting" games. A. Gierchikhin Radio no 7:17-18 JI '65.

RADIO FILTERS

Filters with lumped selectivity Radio no. 7:90-91 JI '65.

Two-stage filter with detuned coupling. D.V. Tsvetkov Elektronsvaz' 10 no 9 64-70 S '65

RADIO-FREQUENCY COSMIC RADIATIONS see Cosmic radiations, Radio-frequency

RADIO IN AUTOMOTIVE TRANSPORTATION see sub-division under White Russia

RADIO IN EDUCATION

Our radio magazine IU Gusevov, G. Volonov Sviat. svyazi 12 no 8 10-12 Ag '65

RADIO IN MINING

Experiments in using radio communication in mine shaft sinking. N.V. Lapin. Trudy ISNIPed. enzhinierov no. 3 78-83 '64.

RADIO IN NAVIGATION

Koval'chuk, V.S. [Marine radiotelephone communication and apparatus] Morskaya radiotelefonnaya svyaz' i apparatura. Moskva, Transport, 1965. 137 p. (diapn.) (Inset)

Transmission of radio waves collected by the radio communications regulations for the communication service of sailing ships. T. Novolina. Mor. flot 34 no. 6 10-11 Ag '64.

RADIO IN PROPAGANDA see sub-division under Kuybyshev

RADIO LINES

Periscope mirror line. R.B. Vaganov, A.B. Boyarkhin, R.Z. Katsenelenbaum Radiotekh. i elektron. 10 no. 9 1672-1675 S '65

RADIO MEASUREMENTS

Measurement of the probability density of a random signal using a photoelectric multiplier. V.I. Mikhalev, A.A. Mokeeva. Izv. LITTI no. 52:117-117 '64.

RADIO METEOROLOGY

The ARMS-N coding device. V.A. Titov, S.M. Ryshkovskiy, T.I. Samushkina. Trudy NIGMP no. 11:133-136 '63.

RADIO MODULATORS

Magnetic modulator for a photoelectric cell. I. Gurevich. Radio no. 7:48 JI '65.

Pulse modulator using junction transistors. N. Gol'dberg. Sbor. trud. LIZIT no. 221:76-79 '64

RADIO OPERATORS

(see also sub-division under Uzbekistan)

Conversation on the eve of the final. M. Zorutskiy. Radio no. 7:12-13 JI '65.

New names. V. Fedorov, Radio no. 7:11 JI '65.

Not aparting life. A. Bucharin, Radio no. 7:1 JI '65.

Spat' takida at the finish. Radio no. 7:10-12 JI '65.

RADIO RELAY SYSTEMS

Distributor of channel pulses using passive elements in the impulse multiplexing equipment and radio relay lines. N.V. Lavrent'ev. Sbor. trud. LIZIT no 224: 121-132 '64

RADIO RESONATORS

Mirror cavities with variable reflection factors. S.N. Vlasov. Radiotekh. i elektron. 10 no. 9:1715-1718 S '65.

Open cavity resonators with mirrors having variable reflection factors. N.G. Vakhitov. Radiotekh. i elektron. 10 no. 9:1676-1683 S '65.

RADIO STATIONS see sub-division under Chain District

RADIO TOWERS

Geodetic prerequisites for erecting television towers. I.M. Livshits. Geod. i kart. no. 8:41-40 Ag '65

RADIO TRANSFORMERS

Design of a pulse transformer for impulses with random form. N.I. Dmukhovskiy. Izv. LITTI no. 52:178-181 '64.

RADIO WAVE PROPAGATION

Korshunskii, L.N. [Radio-wave propagation in airplane radio communications] Rasprostraneniye radiovoln pri samolotnoi radioaviazii. Moskva, Sovetskoe radio, 1965. 407 p.

Limitation of the resolving power of radio telescopes and radio interferometers due to the conditions of radio wave propagation in outer space and in the earth's atmosphere. N.L. Kaidanovskii, N.A. Smirnova. Radiotekh. i elektron. 10 no. 9:1574-1582 S '65

RADIO WAVE PROPAGATION (Continued)

Use of a cross section method in the solution of a problem in the diffraction of electromagnetic waves on a non-homogeneous sphere. A. L. Gutman. Radiotekh i elektronika, 10 no. 9 1583-1593 S '65.

Vvedenskii, B. A., ed. and others. [Long-distance tropospheric propagation of ultrashort radio waves] Dlinnee troposfernoe rasprostraneniye ul'trakorotkikh radiovoln. [By] N. A. Armand i dr. Moskva, Sovetskoe radio, 1965 414 p.

RADIO WAVES

Short and ultrashort radio waves. Radio no. 7-15 JI '65.

RADIOACTIVATION ANALYSIS

Radioactivation method for determining gold in the blood. N. V. Bagdasaryan and others. Soub. VN Gruz SSR 39 no. 2 287-294 Ag '65.

RADIOACTIVE DATING

Akademiia nauk URSS, Kiev. Institut geologicheskikh nauk. [Geochronology of the Precambrian of the Ukraine] Geokhronologiya dokembriia Ukrainy. Kiev, Naukova dumka, 1965. 281 p.

RADIOACTIVE PROSPECTING

Determining the density of ferruginous rocks and ores. A. M. Blumentsev. Razved. geofiz. no. 1:129-137 '65.

Elaboration of the methods and the experience in results of biogeochemical prospecting for uranium deposits in a region of the Soviet Union. M. S. Makarov. Vop. rud. geofiz. no. 5:33-39 '65.

Experience in using the method of reducing local aerogamma anomalies to the level of the earth's surface for aeroradiometric prospecting. A. V. Matveev and others. Vop. rud. geofiz. no. 5:76-87 '65.

Experience in using threshold spectrometry on the surface. V. I. Shatov. Vop. rud. geofiz. no. 5:134-139 '65.

Helium method of prospecting for the deposits of radioactive elements. A. G. Gammakov, V. S. Ghebovskaya, I. M. Khalkovitch. Vop. rud. geofiz. no. 5:3-10 '65.

Nomograms for computing concentrations of radioactive elements in rocks. A. V. Matveev. Vop. rud. geofiz. no. 5:131-133 '65.

Possibility of aerial prospecting for minerals with a generation of neutrons. E. M. Filippov. Geol i geofiz. no. 2:107-122 '65.

A review of the present state of surface radiometric methods according to materials in the foreign press. V. K. Titov. Vop. rud. geofiz. no. 5:146-153 '65.

Some peculiarities of the methods of aerogeophysical prospecting for radioactive ores in gently sloping plateau sedimentary formations. V. A. Tarutin. Vop. rud. geofiz. no. 5:10-48 '65.

Some results of using spectrum-selective logging in prospecting for coal. V. I. Utkin. Razved. geofiz. no. 1:105-110 '65.

Use of the similarity theory in the gamma-method determination of density. V. A. Artsybashev. Vop. rud. geofiz. no. 5:88-95 '65.

RADIOACTIVE SUBSTANCES

Corrosion of apparatus from stainless steel due to concentrated vaporization of radioactive solutions. M. M. Kartupov. Atom. energ. 19 no. 2 153-157 Ag '65.

RADIOACTIVE SUBSTANCES—INDUSTRIAL APPLICATIONS

Investigating the flow of the glass batch by means of naturally radioactive potassium. I. M. Shenko, S. S. Kutikov, A. A. Sokolov. Stek i ker. 27 no. 9:12-34 S '65.

RADIOACTIVE TRACERS

Borisova, N. I., and others. [Use of the method of labeled atoms in soil chemistry] Primeneniye metoda mechenykh atomov v agrokhimii. Pod obshchey red. V. V. Rachinskogo. Moskva, Sel'khoz. akad., 1963. 47 p. (Praktikum po primeneniiu izotopov i izlucheni v sel'skom khoziaistve, no. 9)

Rachinskii, V. V. [Use of labeled atom methods in soil science and fertilization] Primeneniye metodov mechenykh atomov v pochvovedenii i melioratsii. Moskva, Sel'khoz. akad., 1962. 92 p. (Praktikum po primeneniiu izotopov i izlucheni v sel'skom khoziaistve, no. 8)

RADIOACTIVITY

Makarenko, A. A. [D. I. Mendeleev on the radioactivity and complexity of elements] D. I. Mendeleev o radioaktivnosti i slozhnosti elementov. Izd. 2., perer. i dop. Moskva, Atomizdat, 1965. 102 p.

Natural radioactivity balance in leukemia. V. A. Leonov, M. P. Pavlova. Dokl. AN BSSR 9 no. 6:407-409 Jo '65.

Study of the radioactivity of inland waters. I. Z. Samarenko. Trudy GGI no. 115:144-158 '64.

RADIOACTIVITY—EFFECT ON PLANTS

see Plants, Effect of radioactivity on

RADIOACTIVITY—MEASUREMENT

Measuring small concentrations of radioactive substances. N. N. Voznesenskii. Trudy GGI no. 115:139-143 '64.

RADIOACTIVITY—SAFETY MEASURES

Efficient safety measures for the protection from radiation of personnel engaged in the extraction of uranium ores. A. V. Bykhovskii, N. I. Chesnokov, I. L. Shalnev. Atom. energ. 19 no. 2:161-168 Ag '65.

RADIOBROADCASTING

see subdivision under Africa, Yaroslavl Province

RADIOCARBON DATING

Serebrnnyi, L. R. [Progress of radiocarbon dating in Quaternary geology for the 7th INQUA Congress (U.S.A., 1965)] Primeneniye radioisotopnogo metoda v chetvertichnoi geologii. Moskva, Nauka, 1965. 268 p. (K VII Kongressu INQUA (SSSR, 1965))

RADIOCHEMISTRY

Reaction of thermalized electrons in frozen aqueous solutions. L. T. Bugaenko, V. N. Belevskii. Dokl. AN SSSR 164 no. 1:127-130 S '65.

RADIOECOLOGY

Role of sea birds in transmitting radioactive substances from the sea onto the land. O. G. Mironov. Okeanologiya 5 no. 4:715-717 '65.

RADIOGENETICS

New ways of studying chemical protection against genetic changes. N. N. Zhukov-Velozhnikov and others. Probl. kosm. biol. 4:415-450 '65.

Significance of the process of postirradiation regeneration of genetic structures for the radiosensitivity of cells. Report No. 1. V. S. Baisakov, O. V. Malinovskii, N. M. Mitushova. Probl. kosm. biol. 4:451-450 '65.

Significance of the process of postirradiation regeneration of genetic structures for the radiosensitivity of cells. Report No. 2. V. S. Baisakov, O. V. Malinovskii, N. M. Mitushova. Probl. kosm. biol. 4:461-468 '65.

Study of genetic processes in irradiated populations. Numerical dynamics of irradiated populations. D. S. Bileva. Dokl. AN SSSR 164 no. 1:191-194 S '65.

RADIOGRAPHY

Methods for radiographic measurement of stresses. D. M. Vasil'ev. Zav. lab. 31 no. 8:972-978 '65.

Separate quantitative X-ray structural analysis of multiphase carbides without isolating them from the steel. V. A. Lunda. Zav. lab. 31 no. 8:989-993 '65.

Some characteristics of the radiographic method of measurement of elastic stresses. M. I. Fuks, L. I. Gladikh. Zav. lab. 31 no. 8:978-983 '65.

RADIOGRAPHY, HIGH-SPEED

High-speed radiography of an underwater welding arc. N. M. Mamalov, I. K. Pokhodina, B. A. Kostin. Svar. proizv. no. 9:37 S '65.

RADIOISOTOPE SCANNING

Method for intravital study on the removal of gamma radioactive substances from the lungs. K. I. Gorol'chik. Med. rad. 10 no. 7:50-71 JI '65.

RADIOISOTOPES

Possibility of applying 3-(3, 4-dihydroxyphenyl) alanine (DOPHA) as a mediator introducing radioisotopes into melanoma. V. M. Vdovenko and others. Dokl. AN SSSR 164 no. 1:95-98 S '65.

Studying the behavior of some radioactive isotopes during the extraction of uranyl sulfate by trialkylamine. V. A. Minayev and others. Trudy MKHTI no. 17:151-153 '65.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Berdonov, S. S., and L. G. Vlasov. [Application of radioisotopes; a textbook for teachers] Primeneniye radioaktivnykh izotopov; posobie dlia uchitel'. Moskva, Prosveshcheniye, 1964. 117 p.

Calculating radioisotope devices taking into consideration instrument errors and statistical characteristics of the input signal. K. S. Klemperer, I. M. Cherednichenko, N. N. Shumilovskii. Avtometriia no. 2:81-91 '65.

Radioactive isotopes as the guardians of health. V. Shikhov, P. Makarin, V. Kachay. Otkr. truda i soobshch. 8 no. 9:40-41 S '65.

Radioisotope devices for thickness control during automatic sheet-metal work. A. F. Aites, N. Zhan, V. K. Nikiforov. Kuz.-shkum. proizv. 7 no. 8:9-13 Ag '65.

Studying the vapor-liquid equilibrium in the systems hydrocarbon-water with the use of the hydrogen-tritium radioisotope. I. A. D. Zeltvenskii, A. A. Efremov, G. M. Larin. Khim. i tekhn. topi i masel 10 no. 7:13-7 JI '65.

Use of instruments with isotopes in the dyeing processes. E. I. Cuzhi. Tekst. prom. 25 no. 8:55-61 Ag '65.

Use of radioisotopes in testing the lining of rotary cementation furnaces. E. M. Lobanov and others. Atom. energ. 19 no. 2:204-205 Ag '65.

Using radioisotopes for examining the thermal gradient transfer of moisture in the "law" asbestos cement. E. S. Dolinskaja, I. I. Gamafulov, T. M. Borkovich. Trudy NIAsbestizatsiya no. 19:20-25 '65.

Using the radioisotope method in controlling the temperature of liquid metals. V. I. Kutovoi, V. I. Stetsenko. Izv. tekhn. no. 8:17-20 Ag '65.

RADIOISOTOPES—PHYSIOLOGICAL EFFECT

Effectiveness of primary immunization and revaccination with live antibrucella vaccine following injury of the organism with incorporated substances. G. M. Litvitsyn, Radiobiologiya 5 no. 1:540-543 '65.

Measuring the exposure of town inhabitants in the U.S.S.R. to background radiation. I. A. Bocharov and others. Atom. energ. 19 no. 3:311-312 S '65.

RADIOISOTOPES—THERAPEUTIC USE

Use of radioisotopes in medicine according to materials of the X-ray and Radiological Department of the Kazan Medical Institute. M. I. Gol'dshtein. Nauch. trudy Kaz. gos. med. inst. 14:10-150 '61.

RADIOLOGY, MEDICAL

Experience in the organization of a radiological department in an inter-district oncological dispensary. L. M. Chiginskii, P. B. Kriemel. Med. rad. 9 no. 11:15-48 N '61.

Integration of roentgenology. Greater attention to the problems of general roentgenology. S. A. Reinberg. Vest. rent. i rad. 40 no. 4:1-12 JI-Ag '65.

RADIOLOGY, MEDICAL—ABSTRACTS

Abstracts of dissertations on medical radiography defended in 1960-1962. I. A. Antakiev. Med. rad. 9 no. 11:91-91 N '61.

RADIOLOGY, MEDICAL—CONGRESSES

International symposium on evaluation of the content of radioactive substances in the human body. G. S. Zedgenidze, I. S. Ostrov. Med. rad. 9 no. 11:79-91 N '61.

RADIOLOGY, MEDICAL—EQUIPMENT AND SUPPLIES

Some changes in the construction of tubes in the GUY-Co-400 unit. M. S. Dzholdybaev, S. B. Balanukhinov. Med. rad. 10 no. 7:66-68 JI '65.

RADIOLOGY, MEDICAL—EXHIBITIONS

Use of isotopes in cancer treatment. T. Kudikova. Inform. tsentr. VDNKh no. 9:33 S '65.

RADIOMETER

Determining condensate accumulations in gas pipelines by a radiometric indicator. A. A. Gusev and others. Gaz. prom. 10 no. 8:12-45 '65.

Fluctuation in the amplification of stabilization of a scintillation radiometer using the alpha-source of reference pulses. P. N. Fogt. Geofiz. prib. no. 19:53-60 '61.

Met. wave band radiometer with elimination of the effect of spurious signals by the method of automatic heterodyne frequency control. L. I. Gershtein. Izv. vyzn. ucheb. zav., radiofiz. 8 no. 4:771-771 '65.

Problems of the theory and methodology of the gamma-ray method of measuring soil moisture. M. T. Dmitriev. Trudy NIIGMP no. 14:115-132 '65.

Selection of a spectral band for the purpose of determining the temperature of underlying surface and clouds by means of a radiometer. E. P. Novosol'tsev. Trudy GGO no. 170:88-92 '65.

RADIOMETRY

Distribution in the animal body of colloidal solutions of radioactive chromium phosphate and zincyl phosphate following various methods of administration. E. S. Kiseleva, S. L. Dar'jalova. Med. rad. 9 no. 11:29-30 N '65.

Emanating of vegetable substances. M. S. Makarov, A. I. Kabin. Vop. rud. geofiz. no. 5:25-32 '65.

General theory of radiation detectors. V. K. Kagan. Trudy GGO no. 170:115-121 '65.

Methodology for the evaluation of the radiation loads during cholecystography and cholelithography. L. V. Novikova, Kh. A. Khidibelli. Trudy 1-go MIM 39:238-245 '65.

Radiospectrometer operating at a wavelength of 21 cm, with a quantum paramagnetic amplifier. R. M. Martirosian, A. M. Prikhorov, R. L. Sorochenko. Izv. vyzn. ucheb. zav.; radiofiz. 8 no. 4:589-703 '65.

RADIOLOGICAL DIAGNOSIS

see Diagnosis, Radiological

RADIOSONDES

Demands on the accuracy of radiosondes. V. A. Usolt'sev. Trudy NIIGMP no. 14:15-27 '65.

Radiosonde for measuring X-ray photons in the stratosphere. G. A. Bazilevskii and others. Izv. AN SSSR. Ser. fiz. 29 no. 9:1774-1778 S '65.

RADIOTELEGRAPHY

Interference rejection of the reception of fading signals in frequency radiotelegraphy. I. U. S. Lezin. Elektrosvyaz 19 no. 8:77-78 Ag '65.

RADIOTELEPHONE

Use of diversity reception in radiotelephone communication lines. G. I. Gomer. Vest. aviaz. 25 no. 9:6-9 S '65.

RADIOTHERAPY

Dynamics of the phagocytic function of leucocytes in the blood of patients with neoplastic diseases using fractionated and continuous methods of radiotherapy. A. S. Ocul. Nauch. trudy Kaz. gos. med. inst. 14 509-510 '64.

Experience with radiotherapy of cancer of the larynx. A. M. Tschalov. Med. rad. 9 no. 11 18-23 N '61. Generalization and radiation lesions in radiotherapy of cancer of the larynx. A. I. Strachan. Vop. onk. 11 no. 6 1-7 '65.

Gokhberg, M. I. [Surgical and radiotherapy of cancer of the penis] Khirurgicheskoe i radiatsionnoe lechenie naka polovogo chlena. Kiev, Zdrav'ia, 1965 126 p. (Biblioteka prakticheskogo vracha) (DNLM)

Importance of histography in the evaluation of the effectiveness of radiotherapy for cancer of the body of the uterus. V. P. Tshilevich, G. P. Loskutova. Vop. onk. 11 no. 7 24-27 '65.

Methodology of calculating cross sections of the body in planning radiotherapy of tumors of organs in the thoracic cavity. S. S. Kholosov, V. S. Pruchanskii. Med. rad. 9 no. 11 62-64 N '61.

Modernization of the GUT-400 gamma-therapy apparatus. Atom. energ. 19 no. 2 216-217 Ag '65.

Radiotherapy in recurrent cancer of the lungs. I. A. Peregalegn, A. L. Baikanov. Med. rad. 10 no. 7 9-16 JI '65.

Selection of radiation energy in large focus skin distance therapy. R. V. Smitsyn. Med. rad. 10 no. 7 76-82 JI '65.

State of protein fractions and saturation of the organism with vitamin C in the process of surgical and radiation treatment of tumors. V. A. Saburova. Nauch. trudy Kaz. gos. med. inst. 14 529-530 '64.

RADIOTHERAPY—COMPLICATIONS AND SEQUELAE

Sequelae of radiotherapy of cancer of the larynx. V. O. Kalina and others. Med. rad. 9 no. 11 3-7 N '64.

RADISH BREEDING

Intervarietal hybridization in radish breeding. P. F. Kononov, N. A. Ribunets. Dokl. Vses. sel'khoz. nauch. no. 6 10-12 Ag '65.

RADLOV, VASILII VASIL'EVICH, 1837-1918

V. V. Radlov's role in expanding the ethnological collections of the Museum of Anthropology and Ethnography of the Russian Academy of Sciences. N. P. Fedorov. Vop. antr. no. 16 142-143 '64.

RADON—PHYSIOLOGICAL EFFECT

Effect of baths with various radon concentration on the arterial pressure. A. M. Kiseleva. Vop. kn. i fizioter. i lech. fiz. kul't. 30 no. 4 301-306 JI-Ag '65.

RADON—THERAPEUTIC USE

Effect of radon baths on the regeneration of the peripheral nerves. F. L. Lettes. Vop. kn. i fizioter. i lech. fiz. kul't. 29 no. 4 322-326 JI-Ag '64.

Effect of therapeutic radioactive factors at the Belokurikha Health Resort on the thyrotoxic activity of the blood serum in thyrotoxicosis. V. I. Fedenkov. Vop. kur., fizioter. i lech. fiz. kul't. 29 no. 4 327-330 JI-Ag '64.

RAFTS see subdivision under Kuybyshev Reservoir, Volga-Baltic Sea Waterway

RAILROAD BRIDGES—MAINTENANCE AND REPAIR

(see also subdivision under Siberia, Western) Adjustment of floating bearing rollers. Sh. N. Nurullin. Put' i put. khoz. 9 no. 9 27 '65.

RAILROAD ENGINEERING

Ice formation on free water surface. V. V. Stepanov. Vest. TSNIIMPS 24 no. 5 50-53 '65.

Ioannitsian, A. I. [Surveying, design and planning of railroads] Lyskaniia i proektirovanie zheleznnykh dorog 3, perer. izd. Moskva, Transport, 1965 411 p.

RAILROAD RESEARCH

Expand the practice of important experiments. L. K. Gromov, D. F. Kolgatin, K. I. Shepotin. Put' i put. khoz. 9 no. 9 16-17 '65.

Problems of the introduction of a slab track substitute. G. M. Shakhmurov. Put' i put. khoz. 9 no. 9 1-4 '65.

Scientific research work of the Department of the "Operation of railroads." P. I. A. Gordenko. Shor. trud. LIEZHT no. 219 3-8 '64.

RAILROADS

Efficient development and utilization of the carrying capacity. A. D. Kozelnikov. Zhel. dor. transp. 47 no. 8 3-7 Ag '65.

Pavlov, Yu. V. [Distant roads. . .] Dorogi dal'nie. . . Moskva, Mysl', 1965 82 p.

Railroad news. Put' i put. khoz. 9 no. 9 31 '65.

Railroad news. Zhel. dor. transp. 47 no. 8 85 Ag '65.

Railroad transportation of the USSR during the first half of 1965, technical and economical review. Zhel. dor. transp. 47 no. 9 16-19 S '65.

Under the supervision of the Soviet public. I. A. I. Linkov. Avtom., telem. i svyaz' 9 no. 8 1-4 Ag '65.

RAILROADS—ACCOUNTING

Results of the discussion of business accounting. Put' i put. khoz. 9 no. 9 26-31 '65.

Utilization of capital assets in the division. I. I. Khalit. Zhel. dor. transp. 47 no. 8 66-69 Ag '65.

RAILROADS—BAGGAGE

Accelerated processing and delivery of baggage. V. N. Vlasov, M. A. Fadeev. Zhel. dor. transp. 47 no. 8 72-21 Ag '65.

RAILROADS—BRAKES

Causes of the deterioration of the elastic elements of the type RK-1A drive of generators mounted under passenger cars. V. A. Shepeltinikov, V. A. Kamenishin, P. A. Maksimov. Trudy MFT no. 195 20-33 '61.

RAILROADS—CARS see subdivision under Kalinin

RAILROADS—CARS—AIR CONDITIONING

Magnetic liquid level relay with float pick-up for railroad transportation. L. A. Veger, Khel. tekhn. 12 no. 1 57-58 JI-Ag '65.

RAILROADS—CARS—CURRENT SUPPLY

Automatic control of the angular velocity of a rotary converter using a magnetic amplifier. I. V. Kutsuruba. Trudy MFT no. 205 55-63 '65.

Choice of the size of a line for installation beneath cars in centralized current supply of passenger cars. V. D. Dotsenko, T. A. Tarakanova. Trudy MFT no. 205 17-54 '65.

Electric power supply of the passenger cars of trains in car yards. V. D. Dotsenko, R. N. Elinson, T. A. Tarakanova. Trudy MFT no. 205 71-75 '65.

Problems of centralized electric power supply of passenger cars. V. D. Dotsenko. Trudy MFT no. 205 5-15 '65.

Static converter with automatic output voltage regulation. V. D. Dotsenko and others. Trudy MFT no. 205 16-26 '65.

RAILROADS—CARS—DESIGN AND CONSTRUCTION

Increasing the reliability of cars. V. I. Bezstenniy. Zhel. dor. transp. 47 no. 8 35-41 Ag '65.

RAILROADS—CARS—DYNAMICS

Impact conditions between passenger cars. E. F. Zakharov. Vest. TSNIIMPS 21 no. 5 17-18 '65.

RAILROADS—CARS—ELECTRIC EQUIPMENT

Selection of drives for use in passenger cars with centralized current supply using static converters. O. A. Sukhanov. Trudy MFT no. 205 27-33 '65.

Study of the operation and maintenance of the electrical equipment of passenger cars. R. N. Elinson, R. S. Korolev. Trudy MFT no. 205 64-70 '65.

RAILROADS—CARS—MAINTENANCE AND REPAIR

Inspector of the quality of car repairs in repair shops. Zhel. dor. transp. 47 no. 9 95 S '65.

RAILROADS—CARS—PAINTING

Urgent problems in the improvement of the working conditions in the spray painting of rail and cars in an electrostatic field. I. F. Boimchuk. Lakokras. mat. i kh. prim. no. 4 42-45 '65.

RAILROADS—COMMUNICATION SYSTEMS

Adjustment of levels in NTChM-4 equipment. N. V. Seleznev. Avtom., telem. i svyaz' 9 no. 8 24-26 Ag '65.

Change in the circuit of the DRS-R-50 bay. D. G. Goghin. Avtom., telem. i svyaz' 9 no. 8 33 Ag '65.

Connection of batteries in equipment with voice-frequency ringing. R. S. Ivashchenko. Avtom., telem. i svyaz' 9 no. 8 35 Ag '65.

Improvement of an automatic system. V. F. Drachev, V. A. Zhuravlev. Avtom., telem. i svyaz' 9 no. 9 37 S '65.

Increasing the reliability of communication apparatus. V. P. Zhikh, E. A. Fedulov. Avtom., telem. i svyaz' 9 no. 8 23-26 S '65.

Organization of train communication systems in railroad transportation. D. B. Kamenova. Shor. trud. LIEZHT no. 224 114-120 '64.

Scientific organization of work in signaling and communication departments. V. D. Buts. Avtom., telem. i svyaz' 9 no. 9 1-3 S '65.

RAILROADS—COMMUTING TRAFFIC

Combination of suburban and city passenger transportation in large junction stations. F. I. Shaul'ski, N. K. Sologub. Zhel. dor. transp. 47 no. 9 44-47 S '65.

RAILROADS—CONTINUOUS RAILS

Methodology for comparing the variants of the original construction and method of work in the laying of continuous rails tracks under the conditions of the new methods of railroad construction. B. K. Subbotin. Trudy MFT no. 182 222-230 '65.

RAILROADS—COST OF CONSTRUCTION

Methodology for comparing the variants of the original construction and method of work in the laying of continuous rails tracks under the conditions of the new methods of railroad construction. B. K. Subbotin. Trudy MFT no. 182 222-230 '65.

RAILROADS—COST OF OPERATION

Calculating the cost of railroad transportation and the expenditures independent of the traffic volume. A. G. Zakharov. Zhel. dor. transp. 47 no. 8 72-75 Ag '65.

Distribution of traffic flow on parallel running routes. A. E. Gibshman. Vest. TSNIIMPS 21 no. 6 1-6 '65.

Effect of operational factors, track strength and its service life on the expenditures for the current maintenance of tracks. V. A. Shul'ga. Trudy MFT no. 181 136-142 '65.

Effect of the strength of track structures, degree of their wear, and condition on the resistance to train movement and connected expenses. V. A. Shul'ga. Trudy MFT no. 182 61-101 '65.

Potentials for reducing the maintenance costs of passenger cars. A. P. Abramov, T. V. Eliseev, Vest. TSNIIMPS 24 no. 6 10-11 '65.

RAILROADS—CURVES AND TURNOUTS

Calculating the gauge width on curves. M. G. Chernykh. Vest. TSNIIMPS 24 no. 5 9-11 '65.

RAILROADS—DESIGN AND CONSTRUCTION

Urgent problems of capital construction. R. K. Zhukov, R. N. Pollakov. Zhel. dor. transp. 47 no. 8 59-61 Ag '65.

RAILROADS—ELECTRIC EQUIPMENT

Device for checking automatic electric loading machines. R. V. Trifonov. Avtom., telem. i svyaz' 9 no. 8 27 Ag '65.

Economic effectiveness of using electric switch drives with the telephone MSF-0, 95 motors. V. R. Plunov. Shor. trud. LIEZHT no. 221 56-66 '64.

How to prevent short-circuits in ABN-12 storage batteries. P. A. Shol'gov. Avtom., telem. i svyaz' 9 no. 8 34 Ag '65.

It is imperative to improve the test benchboard. A. A. Shipilov, I. F. Lencov. Avtom., telem. i svyaz' 9 no. 9 31-32 S '65.

Measurement of the insulation resistance of central rail traffic control cables with minimum equipment. A. A. Hyattskii. Avtom., telem. i svyaz' 9 no. 8 18-21 Ag '65.

Method for welding storage battery plates. A. P. Shul'ga. Avtom., telem. i svyaz' 9 no. 8 30 S '65.

Technical consultation. Avtom., telem. i svyaz' 9 no. 8 27 Ag '65.

Use of static phase converter in track work in railroads and transportation. B. K. Banova, B. B. Lurie. Trudy MFT no. 205 104-110 '65.

RAILROADS—ELECTRIC EQUIPMENT—MAINTENANCE AND REPAIR

Organization of the repair of the electrical equipment of track maintenance machines. V. D. Dotsenko, R. N. Elinson. Trudy MFT no. 205 116-122 '65.

RAILROADS—ELECTRIC EQUIPMENT—RELIABILITY

Study of the operation and maintenance of the electrical equipment of passenger cars. R. N. Elinson, R. S. Korolev. Trudy MFT no. 205 64-70 '65.

RAILROADS—ELECTRIFICATION

(see also subdivision under Communist Countries; Siberia, Western)

Conference of the experts on railroad electrification of the member-countries of the Organization for the Collaboration of Railroads. Elektr. i tepl. tuga. 9 no. 8 20-30 Ag '65.

Efficiency of the electrification of single-track lines. L. M. Portnovskii. Zhel. dor. transp. 47 no. 6 12-17 Ag '65.

Electrification, the basic trend in the development of railroad transportation. V. A. Dmitriev. Elektr. i tepl. tuga. 9 no. 8 42-44 Ag '65.

International technical collaboration in the field of railroad electrification. P. G. Maratov. Zhel. dor. transp. 47 no. 6 8-11 S '65.

Lending work practices in construction. Avtom., telem. i svyaz' 9 no. 8 16-17 Ag '65.

RAILROADS—ELECTRONIC EQUIPMENT

Adjustment of the FM discriminator and IF amplifier of the Zhi-3 transmitter-receiver. R. I. Letichyevskii. Avtom., telem. i svyaz' 9 no. 9 35 S '65.

RAILROADS—ELECTRONIC EQUIPMENT (Continued)

Choice of standard logical elements for centralized traffic control devices. A. A. Kozlov, B. M. Stepanikhin. Avtom., telemekh. i svyaz' 9 no. 9:11-13 S '65.

Cold-cathode tubes and features of using them in automatic control and remote control systems in railroads. E. M. Konovalov. Sborn. trud. LILZIT no. 227:71-91 '64.

Klenka, I. M. [Switched and regulated transistor diodes, lectures on the subjects "Tonic and electronic converters" and "Electronic and logic devices" for fourth-year students specializing in "Electrification of railroad transportation and automatic control, remote control, and communications in railroad transportation"] Pereblichatshechie i upravleniye potuplovednitsyevykh diodov, lektsii po distatsionnoi i tonnyy priboiy dlya studentov IV kursa spetsial'nosti "Elektrifikatsiya zheleznodorozhnogo transporta i avtomatika, telemekhanika i svyaz' na zheleznodorozhnom transporte," Moskva, Vses. vuzovskiy inzhenerov zhet-dor. transp., 1964, 16 p. [MICROFILM]

Reliability of type P12-P16 low-power low-frequency transistors. V. S. Khalilov. Vest. TSNII MPS 21 no. 5:15-19 '65.

Transistorized converter for the power supply of radio transmitter receivers of diesel locomotives. S. Vivensov, V. Glukhov. Avtom., telemekh. i svyaz' 9 no. 9:33-34 S '65.

RAILROADS—EMPLOYEES

(See also subdivision under Leningrad, White Russia) A busy worker. I. M. Bol'shikh. Avtom., telemekh. i svyaz' 9 no. 8:39 Ag '65.

Great objectives of a small collective. S. Polenov. Avtom., telemekh. i svyaz' 9 no. 8:28-32 Ag '65.

IU G. Balenko, an outstanding electrician-mechanical technician. P. A. Tarasov, V. I. Shestakov. Avtom., telemekh. i svyaz' 9 no. 9:10 S '65.

A meeting with our readers. V. M. Petrov. Avtom., telemekh. i svyaz' 9 no. 8:10-11 Ag '65.

One hundred proposals in one year. I. N. Vol'kovich. Put' i put khoz. 9 no. 9:37-38 '65.

Scientific organization of work in control and test stations. A. I. Beldov. Avtom., telemekh. i svyaz' 9 no. 9:16-22 S '65.

Section of volunteer specialists in the Division. N. F. Dubovik. Put' i put khoz. 9 no. 9:15 '65.

RAILROADS—EQUIPMENT AND SUPPLIES

Murav'ev, I. V., I. S. Ogari, and P. S. Pal'chun. [Machinery and tools for track maintenance and repair] Put'evye mekhanizmy i instrumenty. Moskva, Transport, 1964, 311 p.

Needed type of lever jack. I. N. Petrunina. Put' i put khoz. 9 no. 9:38 '65.

Rail lifter. I. S. Novitskii. Put' i put khoz. 9 no. 8:23 '65.

Standardization and speeding up of the technical progress. A. V. Bakov. Zhet-dor. transp. 47 no. 9:11-15 S '65.

Use of polymer coatings. D. I. Solntsev. Vest. TSNII MPS 24 no. 8:53-55 '65.

RAILROADS—FARES

Mechanization of ticket office operations and problems of passenger fares. A. D. Kleimenov. Zhet-dor. transp. 47 no. 9:70-81 S '65.

RAILROADS—FINANCE

Analysis of the methods applied up to now for the technical and economic evaluation of the efficiency of track structures. V. I. A. Shul'ga. Trudy MIT no. 182:1-20 '65.

Fields of efficient use of the standard structures of the track. V. I. A. Shul'ga. Trudy MIT no. 182:100-221 '65.

Improving the system of revenue distribution and the principles of price formation. A. N. Pilyov, A. A. Makhlachev. Zhet-dor. transp. 47 no. 9:82-83 S '65.

Indices of the efficiency of capital investments and utilization of capital assets. N. G. Borshakov. Zhet-dor. transp. 47 no. 9:74-79 S '65.

Suggested methods for determining the technical and economic efficiency of track structures. V. I. A. Shul'ga. Trudy MIT no. 182:21-63 '65.

Urgent problems of capital construction. I. U. K. Zhukov, I. U. N. Polnikov. Zhet-dor. transp. 47 no. 8:59-62 Ag '65.

RAILROADS—FREIGHT

(See also subdivision under Kuybyshev Province; Ukraine)

Accelerated processing of freight documents. G. I. Makrelonov. Zhet-dor. transp. 47 no. 9:17-18 S '65.

Achieve maximum development of combined waterway and railroad transportation. N. Makhotkin. Rech. transp. 21 no. 8:9-10 Ag '62.

Centralized accounting for freight transportation. Zhet-dor. transp. 47 no. 8:78-79 Ag '65.

Council of public inspectors in freight yards. V. S. Genbachev, A. I. Krasnikov. Zhet-dor. transp. 47 no. 9:41-42 S '65.

Develop combined waterway and railroad transportation. I. U. K. Zhukov. Rech. transp. 21 no. 8:9-10 Ag '62.

Efficient utilization of the rolling stock in local operations. A. S. Perminko, L. M. Tishkin. Zhet-dor. transp. 47 no. 9:70-76 S '65.

Mechanized freight yard. V. S. Semenov. Zhet-dor. transp. 47 no. 8:31-32 Ag '65.

Potentials for the lowering of the costs of operation in the transport of lumber freight. I. U. A. Lobachev. Zhet-dor. transp. 47 no. 8:69-72 Ag '65.

Tasks of the mechanized divisions of loading and unloading operations. V. V. Golubkov. Zhet-dor. transp. 47 no. 9:32-35 S '65.

Transit barriers and costs. I. A. Grolaman. Nar. khoz. Kaz. ish. 23 no. 8:37-39 Ag '65.

Payment for car use instead of demurrage. P. A. Kovtsov. Sborn. trud. LILZIT no. 219:60-68 '64.

RAILROADS—FREIGHT CARS

Improve the efficiency of the car exchange pool. A. K. Utykh, G. I. Apontov, V. Kravchenko. Mor. flot 24 no. 8:6-8 Ag '61.

Potentials for reducing the idle time of cars on approach tracks. I. I. Belov. Zhet-dor. transp. 47 no. 9:86-88 S '65.

RAILROADS—FREIGHT CARS—MAINTENANCE AND REPAIR

Preparation of cars for the transportation of agricultural products. V. G. Shtutman, A. T. Padovkin. Zhet-dor. transp. 47 no. 9:53-57 S '65.

RAILROADS—HEATING AND VENTILATION

Choice of the size of a line for installation beneath cars in centralized current supply of passenger cars. V. I. Dolnenko, T. A. Tarakanova. Trudy MIT no. 205:17-54 '65.

Problems of centralized electric power supply of passenger cars. V. I. Dolnenko. Trudy MIT no. 205:5-15 '65.

Selection of drives for use in passenger cars with centralized current supply using static converters. O. A. Rukhanov. Trudy MIT no. 205:27-33 '65.

Static converter with automatic output voltage regulation. V. I. Dolnenko and others. Trudy MIT no. 205:16-26 '65.

RAILROADS—HUMP YARDS

(See also subdivision under Kharkovskiy)

Layout of one-way classification yards. S. P. Buzanov, N. G. Stepanov. Zhet-dor. transp. 47 no. 8:29-31 Ag '65.

Principles of the scientific organization of work in classification yards. P. I. Moskalov, V. V. Sazhin. Zhet-dor. transp. 47 no. 9:26-32 S '65.

Provide the classification yards with a perfect technology. T. P. Lobedeva. Zhet-dor. transp. 47 no. 8:8-12 Ag '65.

RAILROADS—HUMP YARDS—EQUIPMENT AND SUPPLIES

Cast runners of brake-shoe retarders for mechanized hump yards. V. N. Seredenko. Trudy KHIT no. 76:33-34 '65.

RAILROADS—INFORMATION SERVICES

Central Institute of Scientific and Technical Information on Railroad Transportation. M. A. Savelyev. NTI no. 6:1-6 '65.

RAILROADS—INTERNATIONAL COOPERATION

(See also subdivision under Communist Countries)

International technical collaboration in the field of railroad electrification. P. G. Muratov. Zhet-dor. transp. 47 no. 9:6-11 S '65.

RAILROADS—JOINT USE OF FACILITIES

Uniform technology increases the mutual responsibility. I. D. Vishnevskii. Zhet-dor. transp. 47 no. 9:88-89 S '65.

RAILROADS—LABOR PRODUCTIVITY

(See also subdivision under Sverdlovsk Province)

Conditions of work and industrial statistics. Zhet-dor. transp. 47 no. 9:3-5 S '65.

RAILROADS—MAINTENANCE AND REPAIR

(See also subdivision under Siberia, Western)

Efficient utilization of "intervals" for track and construction work. N. A. Vorobey, A. D. Chernyagin. Zhet-dor. transp. 47 no. 8:24-28 Ag '65.

Taking into account the operational factors in determining rail exchange and tonnage rating for periods between overhauling. V. I. A. Shul'ga. Trudy MIT no. 182:105-135 '65.

RAILROADS—MAKING UP TRAINS

Calculating the optimum plan for making up trains. G. G. Tregubov. Vest. TSNII MPS 21 no. 6:6-10 '65.

Fast built-up freight trains. A. P. Romanov. Sborn. trud. LILZIT no. 219:80-81 '64.

RAILROADS—MANAGEMENT

Exchange of experience on work organization and establishment of norms. Zhet-dor. transp. 47 no. 8:31 Ag '65.

Increasing the material responsibility in the operation of locomotives. Zhet-dor. transp. 47 no. 8:78 Ag '65.

Indices of locomotive utilization. I. I. Petrovskikh. Sborn. trud. LILZIT no. 219:82-83 '64.

Principles of the scientific organization of work in classification yards. P. I. Moskalov, V. V. Sazhin. Zhet-dor. transp. 47 no. 9:26-32 S '65.

Scientific research work of the Department of the "Optimization of railroads." P. I. A. Grolaman. Sborn. trud. LILZIT no. 219:3-8 '64.

Take into account the work of railroad subdivisions. I. D. Marchal. Put' i put khoz. 9 no. 9:21 '65.

RAILROADS—MAPS

Russia (1923-) U. S. S. R.) Glavnoye upravleniye geodezii i kartografiy. [Railroads of the U. S. S. R.; routes and stations.] Zhel'nyye dorogi SSSR, napravleniya i stantsii. Moskva, 1965, 150 p.

RAILROADS—PASSENGER CARS

Exhibition of advanced methods for the servicing of passengers. Zhet-dor. transp. 47 no. 8:79-80 Ag '65.

Morozov, I. A., S. L. Gancarov, and A. T. Chernyshev. [All-metal passenger cars] "Tsel'nometallichevskie" passazhirskie vagony. Moskva, Mashinostroyeniye, 1965, 251 p.

Potentials for reducing the maintenance costs of passenger cars. A. P. Abramov, T. V. Eliseeva. Vest. TSNII MPS 24 no. 6:10-14 '65.

RAILROADS—PERIODICALS

A meeting with our readers. V. M. Petrov. Avtom., telemekh. i svyaz' 9 no. 8:10-11 Ag '65.

RAILROADS—RAIS

Effect of the composition of the heat insulating material on the microstructure of rails. P. Z. Fridman and others. Stal' 25 no. 9:801-805 S '65.

Guard rails prevent the sideways of rails. N. M. Kozlov, M. N. P'ashvili. Put' i put khoz. 9 no. 9:13-15 '65.

Improving the conditions of the work of frogs. N. N. Putina. Vest. TSNII MPS 21 no. 6:29-33 '65.

Temperature difference of rails and air. S. P. Pereshin. Vest. TSNII MPS 21 no. 5:13-18 '65.

RAILROADS—RAIS—DYNAMICS

Dynamic forces in the contact between wheel and rail. V. I. Alovskiy. Vest. TSNII MPS 24 no. 5:3-9 '65.

RAILROADS—RAIS—FASTENINGS

Failure of screw spikes. V. S. Lyshuk, V. V. Matukhin. Vest. TSNII MPS 24 no. 6:21-29 '65.

RAILROADS—RAIS—MAINTENANCE AND REPAIR

Practicing a complete overhauling of rails. T. G. Bul'ba. Put' i put khoz. 9 no. 9:25 '65.

RAILROADS—RAIS—STANDARDS

New standards for rails. Put' i put khoz. 9 no. 9:42 '65.

RAILROADS—RAIS—TESTING

Effect of a decarbonized layer on the character of plastic deformation of the rail-head metal. P. I. Petrosyan, G. D. Glensko. Trudy KHIT no. 76:24-27 '65.

Effect of a decarbonized layer on the contact breakdown of the rail metal. G. D. Glensko. Trudy KHIT no. 76:28-32 '65.

RAILROADS—RAIS—WELDING

Our methods for the organization of the mite welding. Sh. I. Tsvetitskii. Put' i put khoz. 9 no. 9:22 '65.

Welding of switches. N. S. Chirkov. Zhet-dor. transp. 47 no. 9:70-73 S '65.

RAILROADS—REPAIR SHOPS

Plan of a scientific organization of the work. N. M. Behtov, K. I. Nekudova. Zhet-dor. transp. 47 no. 9:50-52 Ag '65.

Repair shops with high standards of production. I. I. A. P'kman, I. N. Kravchik. Zhet-dor. transp. 47 no. 9:57-61 S '65.

RAILROADS—ROLLING STOCK

Material responsibility for the dispatching of cars in poor condition. Zhet-dor. transp. 47 no. 9:84 S '65.

Provide for progressive methods of operation of locomotives and cars. Zhet-dor. transp. 47 no. 9:81-82 S '65.

RAILROADS—SAFETY MEASURES

Council of public inspectors in freight yards. V. S. Genbachev, A. I. Krasnikov. Zhet-dor. transp. 47 no. 9:41-42 S '65.

Public inspection is a powerful factor. M. I. Koshliok. Put' i put khoz. 9 no. 9:8-10 '65.

RAILROADS—SIGNALING

- Electrochemical nature of the ballast resistance of a.c. track circuits. I. M. Kourin. *Sbor trud LIJZHT* no. 223-25 '64.
- Great objectives of a small collective. S. Pelenov. *Avtom., telemekhanika* no. 8:28-32 '65.
- Operation of track circuits in a jointless track with reinforced concrete ties. G. D. Rabinovich. *Avtom., telemekhanika* no. 9:11-15 '65.
- Scientific organization of work in control and test stations. A. I. Breido. *Avtom., telemekhanika* no. 9:16-22 '65.
- Scientific organization of work in signaling and communication departments. V. D. Buis. *Avtom., telemekhanika* no. 9:1-3 '65.
- Technical consultation. *Avtom., telemekhanika* no. 8:42 '65.

RAILROADS—SIGNALING—BLOCK SYSTEM

- Discussion of the article "Pedal or track circuit?" P. F. Lazhgin and others. *Avtom., telemekhanika* no. 9:39-40 '65.
- Providing for a faultless operation of the block system. A. V. Sholokhov. *Put'i put.khoz.* no. 9:29 '65.
- Replacement of decoder cells by means of a model. I. U. D. Pita. *Avtom., telemekhanika* no. 9:32-33 '65.

RAILROADS—SIGNALING—CENTRALIZED TRAFFIC CONTROL

- Problems of the development of control systems for specialized machines. O. E. Afanas'ev, A. E. Bobrov. *Vest TSNI MPS* 24 no. 5:54-58 '65.

RAILROADS—SIGNALING—INTERLOCKING SYSTEMS

- Device for checking code pulses in dispatcher controlled interlocking. K. F. Snurkov. *Avtom., telemekhanika* no. 9:38-38 '65.

RAILROADS—STANDARDS

- Standardization and speeding up of the technical progress. A. V. Baikov. *Zhel.dor.transp.* 47 no. 9:11-15 '65.

RAILROADS—STATIONS

- Optimum planning of railroad stations. K. Khudatbergarova. *Vopr. avtomatizatsii* no. 3:100-110 '64.

RAILROADS—SWITCHES

- Economic effectiveness of using electric switch drives with three-phase MST-0,25 motors. V. I. Efimov. *Sbor trud LIJZHT* no. 223:58-65 '64.
- Flat switch systems for high-speed traffic. N. P. Petrov, A. A. Simon. *Zhel.dor.transp.* 47 no. 8:62-65 '65.
- Improving the conditions of the work of frogs. N. N. Putria. *Vest TSNI MPS* 24 no. 6:29-33 '65.
- Lashchenko, G. I. [New railroad switches] *Novye stroitelnye perevozy. Moskva, Transport, 1965, 68 p.*
- Three-wire control system of a switch. I. A. Bellaz. *Put'i put.khoz.* no. 9:36 '65.
- Welding of switches. N. S. Chirkov. *Zhel.dor.transp.* 47 no. 9:70-73 '65.

RAILROADS—TELEPHONE

- Special features of long-distance dial sending units. V. I. Kurgapkin. *Avtom., telemekhanika* no. 9:27-29 '65.

RAILROADS—TICKETS

- Device for checking automatic ticket reading machines. I. U. V. Trifonov. *Avtom., telemekhanika* no. 8:27 '65.
- Mechanization of ticket office operations and problems of passenger fares. A. E. Kleimenov. *Zhel.dor.transp.* 47 no. 9:70-81 '65.

RAILROADS—TIES

- Automation in the plant for the chemical treatment of ties. M. N. Provodina. *Put'i put.khoz.* no. 9:32-34 '65.
- More ties effectively treated with preservatives. *Put'i put.khoz.* no. 9:35 '65.
- Selecting ties by the length of rail lengths. V. N. Darkovich and others. *Put'i put.khoz.* no. 9:24 '65.
- Tie fastening. N. F. Tverdokhlebov. *Put'i put.khoz.* no. 9:36 '65.

RAILROADS—TIMETABLES

- [Timetable of suburban trains, Moscow - Balashkha - Noginsk - Petushki of the Moscow Railroad, Summer 1965] *Raspisanie dvizheniya prigorodnykh poezdov Moskva - Balashkha - Noginsk - Petushki, Moskovskoi zh.d. Na leto 1965. Moskva, Transport, 1965, 63 p.*

RAILROADS—TRACK

- Analysis of the methods applied up to now for the technical and economic evaluation of the efficiency of track structures. V. I. A. Shul'ga. *Trudy MIT* no. 182:4-20 '65.
- Crep of rails caused by the passage of six-axle cars. V. G. Alibekht, N. I. Karpushchenko. *Put'i put.khoz.* no. 9:40 '65.

Design of rails with block foundations. V. F. Afanas'ev.

- Vest TSNI MPS* 24 no. 6:19-24 '65.
- Effect of operational factors, track strength and its service life on the expenses for the current maintenance of tracks. V. A. Shul'ga. *Trudy MIT* no. 182:136-107 '65.
- Effect of the strength of track structures, degree of their wear, and condition on the resistance of train movement and connected expenses. V. I. A. Shul'ga. *Trudy MIT* no. 182:64-104 '65.

Fields of efficient use of the standard structures of the track. V. I. A. Shul'ga. *Trudy MIT* no. 182:198-221 '65

- Maintenance of tracks with a slab substructure. M. A. Frishman, V. L. Bellavskii, L. I. Vinokurov. *Put'i put.khoz.* no. 9:11-12 '65.

Operation of track circuits in a jointless track with reinforced concrete ties. G. D. Rabinovich. *Avtom., telemekhanika* no. 9:14-15 '65

- Problems of the introduction of a slab track substructure. G. M. Shakhmurov. *Put'i put.khoz.* no. 9:1-4 '65.

Suggested methods for determining the technical and economic efficiency of track structures. V. I. A. Shul'ga. *Trudy MIT* no. 182:21-63 '65

RAILROADS—TRACK—MAINTENANCE AND REPAIR

- Determination of the resistance of motion of the UK²⁵ track laying crane. E. T. Chernov. *Trudy MIT* no. 205:123-126 '65.

Organization of the repair of the electrical equipment of track maintenance machines. V. D. Dotsenko, R. N. Elinson. *Trudy MIT* no. 205:116-122 '65

- Use of static phase converters in track work in rail and transportation. B. K. Basova, B. B. Lur'e. *Trudy MIT* no. 205:101-115 '65.

RAILROADS—TRAFFIC

- Distribution of traffic flow on parallel running routes. A. E. Gibshman. *Vest TSNI MPS* 24 no. 6:3-6 '65.
- Fast built-up flight trains. A. P. Romanov. *Sbor trud LIJZHT* no. 219:69-81 '64.
- New instruction on the accounting for the accounting for the carrying out of train sheets. *Zhel.dor.transp.* 47 no. 9:90-91 '65.
- Use of linear programming in solving a problem in optimum train traffic control. A. T. Barthas. *Sbor trud LIJZHT* no. 223:67-70 '64.

RAILROADS—TRAFFIC—MATHEMATICAL MODELS

- Modeling of traction calculations for train operation. B. E. Pelsakhon. *Vest TSNI MPS* 24 no. 6:15-10 '65.

RAILROADS—TRAIN LOAD

- Selecting the weight and speed of freight trains on electrified double-track lines with high-speed passenger traffic. A. P. Romanov. *Sbor trud LIJZHT* no. 219:5-51 '64.

RAILROADS—TRAIN SPEED

- Selecting the weight and speed of freight trains on electrified double-track lines with high-speed passenger traffic. A. P. Romanov. *Sbor trud LIJZHT* no. 219:5-54 '64.

RAILROADS—TRAINS—DYNAMICS

- Approximate integration of the nonlinear equation of the train motion. N. A. Pan'kin. *Trudy MIT* no. 185:84-86 '64.
- Integration of the equation of the unsteady motion of a train. N. A. Pan'kin. *Trudy MIT* no. 185:77-83 '64.

RAILROADS—WIRES AND WIRING

- Electrochemical nature of the ballast resistance of a.c. track circuits. I. M. Kokunin. *Sbor trud LIJZHT* no. 223:3-25 '64.

RAILROADS—YARDS

- (See also subdivision under Gorky Province)
- Improved system of specialization in container service points. V. A. Katolichenko. *Vest TSNI MPS* 24 no. 6:16-50 '65.

RAILROADS, INDUSTRIAL

- Development of industrial transportation. *Zhel.dor.transp.* 47 no. 8:82-83 '65.
- Organization of the work of the railroad transportation departments in metallurgical plants. V. A. Minenko, B. A. Dorfman. *Zhel.dor.transp.* 47 no. 9:84-88 '65.
- Scientific and technical conference on the development of industrial transportation. *Put'i put.khoz.* no. 9:36 '65.

RAILROADS, INDUSTRIAL—RAILS—WELDING

- Submerged melt welding of the rails of crane tracks. N. E. Gorzhaninov, A. L. Gariaev, L. I. Zverev. *Svar. proizv.* no. 9:35 '65.

RAILROADS, INDUSTRIAL—SWITCHES

- Imitating progressive practices. S. E. Baranov. *Put'i put.khoz.* no. 9:28 '65.

RAILROADS, INDUSTRIAL—TIES, CONCRETE

- Manufacture of reinforced concrete ties for narrow-gauge railroads. V. I. Lavrov. *Trud prom.* 12 no. 6:4-7 '65.

RAILROADS, NARROW-GAUGE

- Nomogram for determining traffic and carrying capacity of narrow-gauge railroads. V. A. Akinov. *Trud prom.* 42 no. 6:7-8 '65.

RAILROADS, NARROW-GAUGE—CONTINUOUS RAILS

- Increasing the stability of narrow-gauge continuous rail tracks. B. I. Kuvshinov, V. A. Laptev. *Put'i put.khoz.* no. 9:20-22 '65.

RAILROADS, NARROW-GAUGE—SWITCHES

- Switch-locking mechanism (LHK-1) for 750mm gauge railroads. P. G. Gantimurov. *Trud prom.* 12 no. 6:126-27 '65.

RAILWAY DOCKS see Marine railways

RAIN AND RAINFALL see subdivision under Balkal Lake region

RAINS, JAN, pseud. see Piskovskii, Janis, 1965-1970

RAMAN EFFECT

- Selection of a scale of absolute intensity of Raman scattering lines. N. K. Sidorov, L. S. Stal'manukova, I. V. Vys, ucheb. zav. fiz. 8 no. 3:167-169 '65.
- Symmetry of vibrations and Raman spectra of alkali halide crystals with impurities. N. N. G. Iofel'. *Izv. vser. tol. 7* no. 8:2510-2522 '65.
- Theory of resonance-type Raman scattering of light by impurity crystals. I. D. Trifonov, K. Polker. *Izv. vser. tol. 7* no. 8:2345-2364 '65.

RAMON' (VORONEZH PROVINCE)—SUGAR INDUSTRY

- One hundred twenty-fifth anniversary of the Ramon' Sugar Factory. N. V. Il'mukli. *Sob. prom.* 10 no. 8:7-10 '65.

RANDOM NOISE THEORY

- Relationship between random errors of an analog-to-digital converter with an automatic correction of systematic errors and the noise of elements of the circuit. M. A. Zemel'man. *Avtom. i telemekhanika* no. 2:51-62 '65.

RANDOM PHENOMENA see Stochastic processes

RANDOM WALKS (MATHEMATICS)

- Limit theorems for random walks of a special type. S. G. Malozhevnkii. *Teor. veroyat. i ee prim.* 10 no. 1:560-567 '65.
- Markov chains, skew products, and ergodic theorems for "general" dynamic systems. V. I. Oseledec. *Teor. veroyat. i ee prim.* 10 no. 3:551-557 '65.

RAPAKIVI see subdivision under Pamir

RARE AND MINOR METALS see Metals, Rare and minor

RARE EARTH ALUMINATE CRYSTALS—GROWING

- Growing of cerium aluminate single crystals. Z. M. Zolotarev. *AN SSSR. Neorg. mat.* 1 no. 7:1120-1120 '65.

RARE-EARTH CARBONATES

- Solubility of oxides and carbonates of rare-earth elements, yttrium and scandium, in complexed solutions. K. P. Stollatov, N. I. Vinogradova. *Vest LKH* 20 no. 10:90-100 '65.

RARE-EARTH COMPOUNDS

- Solubility of oxides and carbonates of rare-earth elements, yttrium and scandium, in complexed solutions. K. P. Stollatov, N. I. Vinogradova. *Vest LKH* 20 no. 10:96-100 '65.

RARE-EARTH COMPOUNDS—SPECTRA

- Luminescence of samarium, europium, and terbium acetylacetonates. M. P. Movchan and others. *Izv. AN Arm. SSR. Ser. fiz.-mat. nauk* 18 no. 4:101-103 '65.

RARE-EARTH METALS

- (See also subdivision under Karelia; Kola Peninsula)
- Grain boundaries in structural steel with and without additions of rare earth metals. A. F. Belokobova and others. *Izv. vus. ucheb. zav. fiz. i khim. met.* 8 no. 0:10-17 '65.

Holub, A. M. [Rare-earth elements] *Ridkizozemel'ni elementy. [Kyiv] Vyd-vo Kyivs'koho univ., 1965, 210 p.*

RARE-EARTH SILICATES

- More on the polymorphism of rare-earth pyrosilicates. A. N. Lazarev, T. F. Panikova, I. A. Bondar. *Izv. AN SSSR. Neorg. mat.* 1 no. 7:1207-1209 '65.

REINFORCING BARS—WELDING

Selection in electrode material for the semiautomatic electric slag welding of a reinforcement butt joints. G. I. Esvatov, R. G. Shchidlov. *Svay. proizv.* no. 9, 24-26 S '65.

RELATIVITY (PHYSICS)

From Albert Einstein's correspondence. *Vest. AN SSSR* 35 no. 9, 120-121 '65.

Geophysical principles of relativism. S. M. Alvaizim. *Izv. AN Arm. SSR. Nauki o zem.* 18 no. 5, 69-73 '65.

Nonstationary adiabatic centrally symmetrical motions of matter in the general theory of relativity. S. M. Kolesnikov, K. P. Stanukovich. *Prikl. mat. i mekh.* 29 no. 1, 716-722. 11-Ag '65.

Simonov, V. G. [Special theory of relativity and the electromagnetic field] *Spetsial'naya teoriya elektromagnitnogo i elektromagnitnoye pole.* Minsk, Vysshaya shkola, 1965. 181 p.

RELIEF MAPS see subdivision under Anna Darya Valley

RELIGION see subdivision under Kichev District

RELIGION—BIBLIOGRAPHY see Bibliography—Religion

RELIGION—CONTROVERSIAL LITERATURE

Gorodnik, Gennadii. [Strange are your deeds, oh Lord!] *Chudny dela tvoi, gospodi!* [Moskva] Molodala gvardia, 1965. 111 p.

Warm-hearted booklets. G. Gorbunov. *Mol. form.* no. 9, 117-119 S '65.

RELIGION AND COMMUNISM see Communism and religion

RELIGION AND LITERATURE

Gorbachevskii, B. S. [Crosses, bonfires, and books] *Kresly, kostyry i knigi.* Moskva, Sovetskaya Rossiya, 1965. 198 p.

RELIGION AND SCIENCE

[Scientific and religious world views; collection of materials for studying the fundamentals of scientific atheism] *Nauchnye i religioznye mirovovzreniya, sbornik materialov v pomoshch' izuchalushchim osnovy nauchnogo ateizma.* Kishinev, Partiznoye izd-vo TsK KP Moldavi, 1965. 157 p.

[Talks on religion and science; a popular manual] *Besedy o religii i znaniy, popularnyi uchebnik.* 3. izd. Moskva, Politizdat, 1965. 350 p.

RELIGION AND SOCIOLOGY

Levada, M. A. [Social nature of religion] *Sotsial'naya priroda religii.* Moskva, Nauka, 1965. 261 p.

REMOTE CONTROL

Experience in introducing remote control of pumps in drainage boreholes at the S. M. Kirov mine. V. M. Zelenitskii and others. *Shakht. stol.* 9 no. 10, 27-28 O '65.

Principal requirements of a self-recording apparatus used in maneuvering the ship. *Sudostroenie* no. 8, 78-80 Ag '65.

Problem of selecting a means of conveyor transportation in coal mining by short walls with remote control of the equipment. V. A. Dvinskoy, M. A. Kotov. *Nauch. soob. IGK* 26, 18-61 '65.

Remote control of engines. *Sudostroenie* no. 8, 37 Ag '65.

Remote control of the presence and motion of free-flowing substances in an enclosed piping system. N. M. Hudnyi, R. S. Stankevich. *Khim. mashinost.* no. 1, 124-129 '65.

Remote control systems for tracking the travel of the welding arc along the line of the butt weld. I. S. Pankov, A. P. Stetsiarov. *Svay. proizv.* no. 9, 15-17 S '65.

Results of industrial testing of the ADShV equipment (dispatcher control of mine ventilators). B. I. Zakhyatkin, I. G. Nastoronko, L. I. Tarasovich. *Shor. kuznits* no. 10, 71-69 '64.

Snagovskii, E. S., and V. A. Chernov. [Development of a remote control system and studies of mine remote control channels; report at the All-Union Conference of Coal Industry Planners] *Razrabotka telemekhanicheskoi sistemy i issledovaniya shakhtnykh kanalov telemekhaniki; doklad na Vsesoyuznom soveshchani proektirovshchikov ugol'noi promyshlennosti.* Moskva, In-t gornogo dela, 1964. 19 p.

Sorting gate with a remote control system with quickly replaceable wearing parts. V. S. El'shteyn, L. P. Birlukov. *Mash. i elekt. obor.* no. 8, 33-34 '65.

System and apparatus of the centralized control of electric-power installations at the Degtyarska mine. L. V. Vinogradov, V. A. Viktorov. *Gor. zhur.* no. 9, 55-57 S '65.

REMOTE CONTROL—EXHIBITIONS

Remote control application in industry. L. Kalfadin. *Inform. biul. VDNKH* no. 9, 19-21 S '65.

REMOTE CONTROL—HANDBOOKS, MANUALS, ETC.

Sotskov, B. S. [Principles of the calculation and design of electromechanical components of automatic and remote control systems] *Osnovy rascheta i proektirovaniya elektromekhanicheskikh elementov avtomaticheskikh i telemekhanicheskikh ustroystv.* Moskva, Energiya, 1965. 575 p.

RENAISSANCE see subdivision under France

RENAL HYPERTENSION

Autolysis in experimental renal hypertension. A. I. Prokhorovskii. *Pat. fiziol. i terap.* 9 no. 3, 37-41. My-Je '65.

Epileptic attacks in experimental renal hypertension in rats. F. A. Iakhin. *Neush. trudy Kar. gos. med. inst.* 14, 332-334 '64.

RENAL VEIN—LIGATURE

Effect of the denervation of the kidneys on the course of the pathological process in disorders of a normal flow of venous blood from the kidneys. T. S. Valishin. *Nauch. trudy Kar. gos. med. inst.* 14, 133-134 '64.

RENARD, JULES, 1864-1910

New publication of the "Diary" of Jules Renard. S. Aliev. *Vop. lit.* 9 no. 8, 231-232 Ag '65.

REPRESENTATION IN JUDICIAL PROCEEDINGS

Representation in court. L. Lesnitskaya, I. Il'inskaya. *Sots. zakon* 12 no. 9, 31-35 S '65.

REPRODUCTION

Postembryonic development of the reproduction organs and the histology of the testicles of Azerbaijan mountain Merino rams. Ch. I. Aliev. *Dokl. Akad. sel'khoz. nauk* no. 8, 31-33 Ag '65.

REPRODUCTION, ASEXUAL

Asexual reproduction of the ascidian *Distaplia unguemita*. Report No. 1. Embryonic and larval building. O. M. Ivanova-Kazius. *Vest. LGU* 20 no. 15, 14-59 '65.

REPTILES—COLOR see Color of reptiles

RESEARCH

[see also subdivision under Baltic States, Kazakhstan; Ukraine]

Public review of the fulfillment of research plans. A. V. Gavrilov. *Elektrosvyaz'* 19 no. 8, 79-80 Ag '65.

Results of the Third All-Union Public Review of the Fulfillment of Research Plans and Use of Scientific and Technological Innovations in the National Economy in 1964. *Teplotoenigotika* 12 no. 8, 95-96 Ag '65.

RESEARCH, INDUSTRIAL see subdivision under West Siberian Economic region

RESERPINE

Clinical biochemical examinations of schizophrenia patients in the process of reserpine therapy. L. I. Lando, I. U. B. Muller. *Trudy Gos. nauch.-issl. inst. psikh.* 42, 111-120 '65.

Combined cefedrine and reserpine treatment of schizophrenia patients. E. L. Kaganovskaya. *Trudy Gos. nauch.-issl. inst. psikh.* 42, 97-104 '65.

Effect of reserpine on pulmonary circulation and the bronchial tone. R. M. Zaslavskaya. *Pat. fiziol. i terap.* 9 no. 4, 61-69. 11-Ag '65.

Mechanism of the action of reserpine. E. S. Tolmashskaya, L. M. Dykman, V. V. Arshavskii. *Trudy Gos. nauch.-issl. inst. psikh.* 42, 120-130 '65.

Mechanism of the therapeutic action of reserpine in schizophrenia. I. U. B. Muller. *Trudy Gos. nauch.-issl. inst. psikh.* 42, 130-140 '65.

Reserpine therapy in mental diseases. I. U. B. Muller. *Trudy Gos. nauch.-issl. inst. psikh.* 42, 20-33 '65.

Review of literature on the use of reserpine in psychiatry. I. U. B. Muller. *Trudy Gos. nauch.-issl. inst. psikh.* 42, 185-219 '65.

Significance of reserpine as a psychotropic drug. L. L. Rokhlin. *Trudy Gos. nauch.-issl. inst. psikh.* 42, 13-19 '65.

Treatment with reserpine of schizophrenia patients with the verbal hallucinations syndrome. O. P. Vortogradova. *Trudy Gos. nauch.-issl. inst. psikh.* 42, 105-110 '65.

Use of reserpine combined with aminazine for the treatment of schizophrenia with a chronic unfavorable course. G. M. Kurapova, I. A. Chekhovich. *Trudy Gos. nauch.-issl. inst. psikh.* 42, 94-96 '65.

RESERPINE—BIBLIOGRAPHY see Bibliography—Reserpine

RESERPINE—PHYSIOLOGICAL EFFECT

Comparative evaluation of aminazine and reserpine on the state of the vegetative nervous system in schizophrenia. R. F. Kokanbaeva. *Probl. sud. psikh.* no. 13, 221-228 '62.

Experimental study of immunological and morphological changes under the effect of reserpine. V. I. Kuznetsov, V. V. Kvitkha. *Trudy Gos. nauch.-issl. inst. psikh.* 42, 156-161 '65.

RESERPINE—SIDE EFFECTS

Mechanism of the action of reserpine; data obtained in pathomorphological studies. V. F. Matveev. *Trudy Gos. nauch.-issl. inst. psikh.* 42, 162-161 '65.

RESERVOIR SEDIMENTATION

Method of calculating sedimentation in reservoirs. A. V. Karyashov. *Trudy LGU* no. 12, 26-30 '65.

Study and calculation of turbidity in the shore region of a reservoir. A. I. A. Shvachman. *Trudy LGU* no. 12, 4-25 '65.

Study of bathometers for sampling suspended sediment under conditions of a reservoir. G. A. Petukhova, D. B. Ivanov. *Trudy GGI* no. 12, 102-110 '65.

RESERVOIRS

[see also subdivision under Angara Valley, Ukraine, Yenisey Valley]

Calculations of the motion of a release wave. V. I. Moklaik. *Trudy UkrNIGM* no. 5, 32-34 '65.

Critical external pressure on the ellipsoidal bottom of a cylindrical reservoir. A. V. Pogorelov. *Dokl. AN SSSR* 164 no. 3, 523-524 S '65.

Selecting the water level and flooded working capacity of hydroelectric power station reservoirs. L. A. Belfayev. *Izv. vuz. ucheb. zav., energ.* 8 no. 7, 86-89. 11 '65.

RESERVOIRS—MATHEMATICAL MODELS

Experimental study of the transformation of a release wave on a model of a river type reservoir. D. A. Vinogradova, G. I. Kononkova. *Metod. i gidrol.* no. 10, 46-49 O '65.

RESIDUAL STRESSES

Bending moment and residual curvature during plastic pipe bending. H. B. Zubatov. *Kur. nauch. proizv.* 7 no. 8, 18-21 Ag '65.

Calculating residual stresses in a weld zone caused by peening. H. B. Zubatov, V. M. Sagalevich. *Svay. proizv.* no. 9, 10-11 S '65.

Increasing the resistance of welded dredge piles to brittle fracture at low temperatures. M. G. Kachmar, K. V. Popov. *Svay. proizv.* no. 3, 32-33. 11 '64.

Internal stresses in chromium plating deposited with application of an alternating current. V. I. Avramenko, M. I. Papernik. *Zashch. met.* 1 no. 5, 519-512 S-O '65.

Residual stresses in billets made of A40G steel. I. V. Panchenko and others. *Sten. i lity.* 30 no. 8, 27-29 Ag '65.

X-ray investigation of residual stresses in thin coatings. D. M. Vasiliev, V. K. Gharunova. *Izv. vuz. ucheb. zav., chem. met.* 8 no. 9, 151-154 '65.

RESINS see Gums and resins

RESINS, SYNTHETIC

Carbohydrate-phenolic resin as a new chemical reagent. T. A. Markatova. *Shor. nauch.-tekhn. inform. Avesta. inst. nauch.-tekhn. inform. Ser. Nef. prom.* no. 4, 66-72 '63.

Changes in the physicomechanical properties of conjugated polyamide-polyester resins related to the various component ratio. M. P. Kotov and others. *Izv. vuz. ucheb. zav., tekhn. leg. prom.* no. 4, 40-45 '65.

Changes in the viscosity of polythiophenyl siloxane resins under the effect of alkali. A. F. Molisev. *Lakokras. mat. i kh. prim.* no. 4, 29-33 '65.

Compaction creep of cementless concrete made with the resin of furfural acetone monomer. I. U. B. Potapov, L. M. Zelan. *Bet. i zhel.-bet.* 11 no. 3, 31-32 S '65.

Effect of the properties of nitrile rubber on its compatibility with perchlorovinyl resins. I. U. B. Potapov, A. M. Prost. *Lakokras. mat. i kh. prim.* no. 4, 19-22 '65.

Increasing the light fastness of plasticized polyvinyl chloride resins. G. A. Libelova, L. M. Dubasova. *Plast. massy* no. 9, 64-65 '65.

Manufacturing adhesive mastics made with wastes of synthetic resins obtained in the pyrolysis of petroleum gases. M. K. Shakhmuradov. *Izv. vuz. ucheb. zav., stol. i arkhit.* 8 no. 9, 73-77 '65.

Method for obtaining resins from the inactive isomers of DDT. A. P. Antikov. *Khim. prom.* 43 no. 8, 878-880 Ag '65.

New method of determining monocarboxylic and dicarboxylic acid components of the polyester resin composition. A. P. Kiselev, A. N. Iakovenko, L. N. Zelenshina. *Lakokras. mat. i kh. prim.* no. 4, 58-60 '65.

Studying the mechanism of film formation by water-soluble alkyl resins. G. P. Filippov, M. P. Chugla. *Lakokras. mat. i kh. prim.* no. 4, 22-26 '65.

Use of synthetic resins in the repair of electric insulation parts. I. P. Sitkovskii, Z. A. Ryzhova. *Dokl. teplotlaga.* 9 no. 8, 38-39 Ag '65.

RESPIRATION

- Changes in some functions of the external respiration during chronic pneumonia in children. E. S. Ermakov, *Sov. med.* 23 no. 9 (2-11) '65.
- Changes in the functional indices of external respiration in response to a controlled physical load. G. I. Maslov, *Trudy TSU* 77 19-21 '65.
- Characteristics of the oxidation-reduction processes and the respiration function of the body in epidemic hepatitis treated with penicillins. D. Sh. Enikieva, *Sov. med.* 28 no. 9 48-52 '65.
- Comparative characteristics of some functional changes in smoking and smoking types of respiration in singers. I. D. Pashko, V. I. Shtetina, *Fiziol. zhur.* 50 no. 12 1437-1443 D '64.
- Degree of bronchial resistance in healthy children. L. S. Romanova, *Biul. eksp. biol. med.* 60 no. 8 17-20 Ag '65.
- Dynamics of alveolar respiration under the influence of hormone therapy in patients with lung and heart diseases. R. Sh. Abdurakhmanova, D. A. Valimukhametova, *Nauch. trudy Kaz. gos. med. inst.* 14 333-334 '64.
- Effect of anesthesia and aminazine on respiration under excessive intrapulmonary pressure. V. A. Safonov, *Biul. eksp. biol. med.* 60 no. 8 77-82 Ag '65.
- Effect of 5-oxytryptamine (serotonin) on blood pressure and respiration. R. R. Safrazbekian, *Izv. AN Arm. SSR, Biol. nauki* 18 no. 6 3-13 Ju '65.
- Effect of the resistance to respiration on the functional state of the respiration center in dogs in a chronic experiment. V. I. Smirnov and others, *Biul. eksp. biol. med.* 60 no. 8 14-17 Ag '65.
- Effect of the stimulation of the vagus nerve on respiration in experimental peritonitis. G. I. A. Bazarevich, *Nauch. trudy Kaz. gos. med. inst.* 14 60-61 '64.
- Elements of external respiration in some variants of exercise therapy following appendectomy. I. M. Kondrat'ev, A. G. Isaikova, *Vop. kur., fizioter. i lech. fiz. kul't.* 30 no. 4 367-368 Ji-Ag '65.
- Mechanism of gas exchange disturbance in dogs with radiation sickness caused by ^{60}Co . V. P. Fedotov, G. I. Bezin, *Radiobiologiya* 5 no. 4 522-524 '65.

RESPIRATORS

- Apparatus for controlled respiration in intact animals. A. K. Kochetov, V. L. Popkov, I. N. Chernikova, *Fiziol. zhur.* 50 no. 12 1496-1499 D '64.

RESPIRATORY ORGANS—CANCER

- Determination of the stages of malignant tumors of the upper respiratory tracts. P. D. Firsov, *Nauch. trudy Kaz. gos. med. inst.* 14 567-568 '64.

RESPIRATORY ORGANS—DISEASES

- Biology of L-form bacteria and Mycoplasma, pathogens of diseases of the respiratory organs and the upper respiratory tract. S. B. Prozorovskii and others, *Vest. AMN SSSR* 20 no. 8:74-82 '65.
- Materials on the study of respiratory diseases in children's homes. S. A. Veisslerik, *Trudy TSU* 70 14-17 '65.
- Pathoanatomical changes of the upper respiratory tract and lungs under the effect of antibiotic electroaerosols. G. P. Naumov, *Antibiotiki* 10 no. 9:848-851 S '65.
- Study of the toxicity of 1,4-butanediol. K. P. Stasenkova, *Toks. nov. prom. khim. veshch.* no. 7 5-13 '65.

RESPIRATORY ORGANS—MICROBIOLOGY

- Reduction of microflora in the body resulting from prolonged contact with antibiotics. F. L. Vil'shanskaya, G. B. Shtenberg, *Antibiotiki* 10 no. 8 755-760 Ag '65.

RESPIRATORY QUOTIENT

- Ziatlushkov, A. I. [Reduction of pulmonary gas volumes to normal conditions and calculations of some proper values, principles and tables]. *Prilozhenie k legochnykh ob'emov gazov k normal'nym usloviyam i raschety nekotorykh dolzhnykh velichin, obosnovaniye i tabitsy*, [Leningrad] Meditsina, 1965, 137 p. (DNLM)

RESTAURANTS, LUNCHROOMS, ETC. see subdivision under Khmel'nitskiy Province

RESTAURANTS, LUNCHROOMS, ETC.—EMPLOYEES

- Six crystal glasses. N. Verushkina, *Mot. kom. no. 9*, 50-53 S '65.

RESUSCITATION

- Negovsky, V. A., and N. N. Unanets. [Tale of conquered death] *Rasskaz o pobezhdennoi smerti*. Moskva, Politizdat, 1965. 142 p.

- Period of the development and duration of the healing of the rope imprints in persons revived after hanging. M. I. Fedorov, *Nauch. trudy Kaz. gos. med. inst.* 14, 307-308 '64.

RETAIL TRADE

(see also subdivision under Ukraine)

- Damage compensation by brigades in retail trade having property liability. N. Danchenko, E. Belinskii, *Sots. zakon*, 42 no. 9:42-44 S '65.

- Give unremitting attention to trade in city and village. V. D'labov, *Sov. torg.* 38 no. 9:1-6 S '65.
- Improve trade and the public dining system in the country. *Sov. torg.* 38 no. 6 1-1 Je '65.
- Liability of retail organizations for the defective quality of goods being sold. *Sov. gos. prav. zh.* 35 no. 9 139-140 S '65.
- [Trade abroad; organization, new methods, and equipment of trade and public food service] *Torg. za. i ub., org., nov. metody, tekhn. i mass. pr.* no. 9 S '65.

RETAIL TRADE—ACCOUNTING

- The discussion about containers is not over. N. Smotrina, R. Kniazeva, *Sov. torg.* 38 no. 9:20-22 S '65.
- Use the balance sheet as the basis for planning the structure of trade turnover. R. Lokshin, *Sov. torg.* 38 no. 9 8-12 S '65.

RETAIL TRADE—CONGRESSES

- Discussion of a new procedure in establishing norms for the natural loss of goods. *Sov. torg.* 38 no. 1 5F-50 S '65.

RETAIL TRADE—EQUIPMENT AND SUPPLIES

- Current problems. S. Terent'ev, *Sov. torg.* 38 no. 9 38 S '65.

RETAIL TRADE—FINANCE

- Special features of the revaluation of goods and payments to the budget. R. Gubanov, *Fin. SSSR* 39 no. 9:78-80 S '65.

RETAIL TRADE—MANAGEMENT (see also subdivision under Sukhum)

- Experiment in planning. I. Kharkin, *Sov. torg.* 38 no. 6 10-14 Je '65.
- Improve the standards of planning for the turnover of goods. N. Kononov, *Sov. torg.* 38 no. 6:25-29 Je '65.
- Makalova, M. F., ed. [Problems of the development of the economics of trade in the U.S.S.R.]. *Voprosy razvitiya ekonomiki torgovli v SSSR*, Moskva, Mysl', 1965. 133 p.
- Plan the assortment structure of the turnover. L. Gendkina, *Sov. torg.* 38 no. 6:20-21 Je '65.
- Profit and incentive funds. E. Fomarev, *Sov. torg.* 38 no. 9:13-16 S '65.

RETICULOENDOTHELIAL SYSTEM

- Effect of oxygen acetylene on the absorption function of the reticuloendothelial system. O. O. Chikova, *Antibiotiki* 10 no. 8:730-733 Ag '65.
- Effect of the natural gastric juice of a dog on the phagocytic function of the reticuloendothelial system in rabbits. L. L. Badalova, G. G. Stopanin, S. S. Manukian, *Izv. AN Arm. SSR, Biol. nauki* 18 no. 8:60-73 Je '65.

RETINA

- Examination of blood protein fractions in patients with some dystrophies of the retina. A. A. Dmitrieva, *Sbor. nauch. trud. SOGMI* no. 14:26-32 '63.
- Histochemical and electron microscopic study of the development of photoreceptive cells in a tissue culture. V. I. Gonorovskii, T. A. Kharkovskaya, *Arkh. anat., gist. i embr.* 19 no. 8:50-55 Ag '65.

RETINA—BLOOD SUPPLY

- Dynamics of the blood pressure in the brachial, temporal and central retinal arteries in schizophrenic patients during the process of treatment. G. I. Laktion, *Zhur. nev. i psikh.* 65 no. 2:273-277 '65.

RETINA—DISEASES

- Anticoagulants in the treatment of dystrophic lesions of the retina. A. M. Vodovozov, V. A. L'fot, *Sbor. nauch. trud. SOGMI* no. 14 103-107 '63.
- Changes in the nervous elements of the retina in glaucoma in man. N. A. Matveeva, *Nauch. trudy Kaz. gos. med. inst.* 14:227-228 '64.
- Surgical treatment of detachments of the retina according to data of the K. Kh. Orlov Eye Clinic of the Roatov State Medical Institute. V. K. Orlova, *Sbor. nauch. trud. SOGMI* no. 14:139-142 '63.

RETINA—INNERVATION

- Effect of illumination and vitamin A on the structure of the external segments of retinal rods: an electron microscopic study. R. N. Etingof, I. V. Osipova, V. I. Gonorovskii, *Dokl. AN SSSR* 164 no. 3:681-683 S '65.

RETROPERITONEAL SPACE—CANCER

- Malignant multiple teratoma of the retroperitoneal cellular tissue and testis, a single observation. H. G. Pigarev, A. D. Solonenko, *Vop. onk.* 11 no. 9 85-87 '65.

RETROPERITONEAL SPACE—TUMORS

- Case of retroperitoneal teratoma. M. M. Nachneva, *Vest. rent. i rad.* 40 no. 4 70-71 Ji-Ag '65.

REVOLUTIONS

- Materialist dialectics as the theory of revolutionary practice. I. Elez, G. A. Davydova, *Vop. filos.* 19 no. 9 11-24 '65.

REWARDS (PRIZES, ETC.)

- Award for the deserving. V. Letunov, *Mot. kom. no. 9*, 8:33 Ag '65.

RHENIUM

- Mechanism of anion-exchange sorption of rhodium and molybdenum on the Al³⁺-17 ion exchanger. S. D. Karavayeva, N. A. Suvorovskaya, *Izv. AN Arm. SSR, Ser. Khim. i tekhn. nauch.* no. 2:33-40 Ap-Je '65.

RHENIUM—ANALYSES

- Determination of rhodium by the kinetic method. I. I. Rabinchikov, V. I. Lavrenko, A. I. Lazarev, *Zhur. i dokl. khim.* 20 no. 9 880-885 '65.

RHENIUM ISOTOPES

- Total neutron cross sections of Re¹⁰⁵ and Re¹⁰⁴. V. I. Vaitsebnii and others, *Atom. energ.* 19 no. 5:240-242 S '65.

RHENIUM PLATING

- Electrodeposition of compact layers of rhodium of considerable thickness. I. M. Kivokova, V. I. Lomonosov, *Zashch. met.* 1 no. 5 515-520 S-O '65.

RHEOLOGY

- Automatic recording of rheological curves for polymeric bodies. G. N. Maslennikova, A. A. Litov, *Steklo i ker.* 22 no. 7:94-97 Ji '65.
- Theory of the centering of the rheoplastic. K. S. Mstislavskii, *Khim. mashinost.* no. 1:82-81 '65.
- Unsteady flow of viscoplastic liquid. F. M. Ibragimov, *Dokl. AN Azerb. SSR* 21 no. 5:30-34 '65.

RHEUMATIC FEVER

- Blood coagulation as an indicator of the activity of the rheumatic process. A. I. Chikashvili, *Sov. med.* 28 no. 8 9-15 Ag '65.
- Changes in the fundus oculi in rheumatic fever. Preliminary report. V. I. Taganik, *Sbor. nauch. trud. SOGMI* no. 14 178-182 '63.
- Characteristics of the coagulating and noncoagulating blood systems in various phases of rheumatic fever in relation to their treatment. A. V. Vladimirova, *Trudy TSU* 77:69-70 '65.
- Cholinergic and adrenergic reactions in the rheumatic fever and their biological importance. S. I. Shcherbakov, *Nauch. trudy Kaz. gos. med. inst.* 14:597-598 '64.
- Clinical importance of determining the effect of anti-streptococcal antideoxythromboses in various forms of rheumatic fever. N. D. Morozova, M. G. Nefedova, *Nauch. trudy Kaz. gos. med. inst.* 14:401-402 '64.
- Dziak, V. N., and E. I. Emel'yanenko. [Determination of the activity of the rheumatic process]. *Opyt funktsional'noy revmaticheskogo protessa a Kiev, a revmatizma*, 1965. 251 p. (DNLM)

- Effect of compound treatment on health in patients with functions of the connective tissue system in patients with rheumatic fever in the intraperitoneal period. N. A. Kiverova, *Vop. kur., fizioter. i lech. fiz. kul't.* 30 no. 4:320-332 Ji-Ag '65.

- Effect of the blood serum of patients with rheumatic fever on the permeability of capillaries of the skin in rabbits. N. N. Nottikhina, *Pat. fiziol. i eksp. ter. ap.* no. 3 75 My-Je '65.

- Factor of capillary permeability in rheumatic fever and experimental allergic inflammation. I. I. Pikhonov, *Pat. fiziol. i eksp. ter. ap.* no. 3 87-88 Ji-Ag '65.

- Hair test of the corneal sensitivity in rheumatic fever. A. E. Kolmakova, *Sbor. nauch. trud. SOGMI* no. 14:191-193 '63.

- Importance of immunological tests (antistreptolysin O, C-reactive protein) and of static acid in determining the activity of the rheumatic process. A. A. Pechenkin, *Nauch. trudy Kaz. gos. med. inst.* 14 517-519 '64.

- Importance of the Donagho reaction in determining the activity of the rheumatic process in children. I. M. Baranova, M. G. Nefedova, A. I. Shvareva, *Nauch. trudy Kaz. gos. med. inst.* 14 353-354 '64.

- Some factors determining the effectiveness of passive preventive bacillin therapy in rheumatism of the joints. A. H. Holodina, *Sov. med.* 28 no. 9 21-25 S '65.

- Use of physical factors in the compound treatment of chronic tonsillitis in children with rheumatic fever. T. V. Karnevalova, *Vop. kur., fizioter. i lech. fiz. kul't.* 30 no. 4:321-320 Ji-Ag '65.

RHEUMATIC FEVER—PREVENTION

- Problems of specific prevention of rheumatic fever in the light of concepts of the etiology and immunology of this disease. V. I. Ioffe, *Vest. AMN SSSR* 20 no. 6:97-92 '65.
- Rheumatic fever in children and organization of its control. O. D. Sokolova-Ponomareva, *Vest. AMN SSSR* 20 no. 6:92-97 '65.
- Theoretical and clinical bases of the prevention of rheumatic fever and its recurrences. A. I. Nesterov, *Vest. AMN SSSR* 20 no. 6:71-67 '65.

RHEUMATIC HEART DISEASE

(see also subdivision under Uzbekistan)

Aortic lipodosis in rheumatic fever. G.G. Nepinikhin, Nauch. trudy Kaz. gos. med. inst. 14:253-254 '61.

Douchenko, I.F. [Treatment of patients with rheumatic heart defects at the Kislovodsk Health Resort] Lechenie bol'nykh s revmaticheskimi porokami serdtsa na Kislovodskom kurorte. Kiev, Zdorov'ia, 1965. 74 p. (DNLM)

Prevention of cardiovascular diseases in schoolchildren and adolescents. G.N. Serdylukovskii. Vest. AMN SSSR 20 no.6:68-74 '65.

RHEUMATISM

Phase analysis of the heart systole in children with rheumatism as related to the degree of the disturbance of blood circulation. T.I. Revlia. Sob. AN Gruz. SSR 32 no.2:487-492 Ag '65

RHEUMATOID ARTHRITIS see Arthritis, Rheumatoid

RHINOSCLEROMA

Moskoyev, S.I. [X-ray diagnosis of tracheal and bronchial scleroma] Rentgenodiagnostika skleromy trachei i bronkhov. Kiev, Zdorov'ia, 1965. 80 p. (DNLM)

RHIZOCTONIA

Results of testing pentachloronitrobenzene as a soil fungicide in cotton fields. E.I. Andreeva, I.B. Obolenskaya. Khim. v sel. khoz. 3 no.8:30-31 Ag '65

RHIZOSPHERE MICROBIOLOGY

Effect of preceding crops on the rhizosphere microflora of potatoes. G.Sh. Seikev, A.A. Levina. Izv. AN Kazakh SSR Ser. biol. nauk 3 no.3:58-55 My-Je '65

Effect of root micro-organisms on the development and plant nutrition from the soil. E.Kh. Reimpe, O.G. Kallagova. Agrobiologiya no.5:706-721 S-O '65

RHODAMINES

Conditions for the extraction of butylrhodamine C fluoroborate. N.N. Pavlova, V.G. Salapin. Zhur. anal. khim. no.9:1016-1018 '65.

RHODESIA—POLITICS AND GOVERNMENT

The Rhodesian knot. Vik. Kudriavtsev. Nov. vrem. 23 no.43:22-23 O '65.

RHODESIA, NORTHERN see Zambia

RHODESIA AND NYASALAND

Demkina, L.A. [Collapse of the Federation of Rhodesia and Nyasaland] Krakh Federatsii Rodzi i N'iasalenda. Moskva, Nauka, 1965. 177 p.

RHODUSITE

Nature of the flexibility of rhodusite in fibers. V.R. Artemov. Zap. Vses. min. ob-va 91 no.4:360-362 '65

RIABCHIKOV, MIKHAIL YAKOVLEVICH, 1906-1965

Mikhail Yakovlevich Riabchikov, obituary. Torf. prom. 42 no.6:32 '65.

RIBBONS

Manufacture of warp-pile ribbon on the TL-80ShL ribbon looms. V.A. Rymat. Leh. prom. no.3:40-51 Ji-S '65.

RIBOFLAVIN

Quantitative determination of riboflavin in the urine by means of fluorometry. V.I. Molotov. Lab. delo no.9:559-561 '65

RIDS—FRACTURE

Resistance of coastal cartilages to impact load. S.A. Seleznev. Sud.-med. eksp. 8 no.3:27-29 Ji-S '65.

RICE

Chemical weed control by airplane in rice fields. T.R. Borodina and others. Khim. v sel. khoz. 3 no.8:37-42 Ag '65.

RICKETS

Importance of magnesium in the pathogenesis of rickets. L.B. Pastovalova. Nauch. trudy Kaz. gos. med. inst. 14:523-524 '64.

Recent data on the pathogenesis, prevention and treatment of rickets. K.A. Svatkina. Nauch. trudy Kaz. gos. med. inst. 14:530-541 '64.

RICKETTSIA—CULTURES AND CULTURE MEDIA

Study of the reproduction of the rickettsia Dermacentorinus sibiricus in human embryo renal tissue culture using the method of fluorescent antibodies. G.P. Samov, M.I. Shapiro, K.V. Legkodomova. Zhur. mikrobiol., epid. i immun. 42 no.8:30-43 Ag '65.

RIOA—CLOTHING INDUSTRY

Work practices of the "Rigas Aprehs" Production Combine in Riga. I.A. Latere, E.I.A. Vasil'ev, Shvein. prom. no.4:12-17 Ji-Ag '65.

RIGA—COLD STORAGE WAREHOUSES

In the Cold Storage Warehouse No. 2 in Riga. A.V. Kelvis. Khim. tekhn. 12 no.1:51-52 Ji-Ag '65

RIGA—PATENT LAWS AND LEGISLATION—STUDY AND TEACHING

What is ROIP (Public Patent Institute in Riga)? A.I. Khter. Izob. iznats. no.3:1-2 '65

RIGA, GULF OF—SEAWATER—COMPOSITION

Biogenic elements in the water of the Gulf of Riga. E. Aunig. Trudy GOIN no.83:172-206 '65

RIGHT OF PETITION see Petition, Right of

RING FORMATION (CHEMISTRY)

Cyclization of isoprenoid compounds. Report No. 11. Cyclization of isomeric farnesenic esters and their monocyclic analogs. A.V. Semenovskii, V.A. Smid, V.F. Kucherov. Izv. AN SSSR Ser. khim. no.8:1121-1433 '65

Kinetics of the cyclization of natural and synthetic polyisoprenes induced by phosphorus pentoxide. I.A. Tutovskii and others. Vysokom. soed. 7 no.6:953-957 Je '65

Reaction of inner-molecular cyclization of vinylacetylenic systems. M.V. Mavrov, A.R. Derzhinskii, V.F. Kucherov. Izv. AN SSSR Ser. khim. no.8:1160-1162 '65

RINGS (ALGEBRA)

Decomposition of a matrix with elements from a ring of principal ideals into simple matrices. P.S. Kazimih. Dokl. L'v. 4 no.12:3-6 '60

Generally soluble groups and their group rings. D.M. Smirnov. Mat. sbor. 67 no.3:368-383 Ji '65.

Some remarks concerning a theorem proposed by Wigner. S.I. Rabinovich. Uch. zap. Kaz. un. 124 no.6:271-277 '61

Structural ordering of algebras and rings. A.I. Vekaler. Dokl. AN SSSR 164 no.2:259-262 S '65.

RINGWORM

Diagnosis of ringworm. Sh.T. Rasulev, O.A. Medzlik. Veterinariia 41 no.12:20-22 D '61

Measures for controlling ringworm. A.I. Noskov. Veterinariia 41 no.12:32-35 D '61

RIVERS

(see also subdivision under Karelia; Russia, Northwest)

Study of the frequency and duration of periods of different water content of rivers of the U.S.S.R. V.G. Andreev and others. Trudy GGI no.127:227-278 '65.

Transporting power of turbulent streams and the deformation of a channel in bound soils. L.F. Kniazev. Trudy GGI no.124:55-90 '65.

Use of L.A. Vileva's synoptic-climatologic method for forecasting annual streamflow. M.I. Gurevich. Trudy GGI no.118:177-246 '65.

RIVERS—REGULATION see subdivision under Russia, Northern

ROACH (FISH) see subdivision under Bug River;

Dnieper River

ROAD CONSTRUCTION

Gokhman, V.A. [Principles of road building] Osnovy dorozhnogo stroitel'stva. Moskva, Vysshaya shkola, 1965. 270 p.

ROAD MACHINERY

Examination of the working conditions of an earthmoving machine. D.I. Fedorov, B.A. Bondarevich. Stroitel. mash. 10 no.8:3-4 Ag '65

Foreign engines of construction and road machines shown at the International Exhibition. G.V. Apushkin, D.D. Barikov, A.V. Zlatopol'skii. Stroitel. mash. 10 no.8:12-13 Ag '65

ROAD MACHINERY—ABSTRACTS

[Construction equipment and road machinery] Ref. zhur.: Stroitel. mash. no.9 S '65.

ROAD MACHINERY—COLD WEATHER OPERATION

Earthwork in winter season. A.E. Volkova. Inform. bld. VDNKh no.10:31-32 O '62.

ROAD MATERIALS

Preparation of road bitumen from Arlan oil. R.S. Akhmetova, V.V. Filizinov, L.R. Torbeeva. Khim. i tekhn. topl. i masel no.8:15-19 Ag '65.

Volkov, M.L., L.M. Borsheh, and I.V. Korolev. [Road materials] Dorozhno-stroitel'nye materialy. Moskva, Transport, 1965. 521 p.

ROAD RESEARCH see Highway research

ROADSIDE IMPROVEMENT see subdivision under Minsk

ROBOTS see Automata

ROCK DRILLS

Conditions for an efficient use of boring rigs in carrying out horizontal workings in hard rock. T.M. Mukhtarov. Trudy Inst. gor. dela AN Kazakh. SSR 17:50-54 '65.

ROCK DRILLS—DESIGN AND CONSTRUCTION

Fedorov, A.N., and L.B. Korol'. [Rock drills on pneumatic supports, light boring rigs] Pustatory na pnevmopodsozhnykh legkie burovyie ustanovki. Moskva, Nedra, 1965. 219 p.

ROCK DRILLS—TESTING

Some results of testing the PK-18 rock drill. V.G. Lehtukh, T.V. Sheremetev, V.A. Novikov. Trudy Inst. gor. dela AN Kazakh. SSR 17:35-39 '65.

ROCK MECHANICS

Akademii nauk SSSR, Kol'skii filial, Kirovsk. Gornometallurgicheskii institut [Rock physics and the technology of mining] Fizika i tekhnologiya razrabotki nedr. Moskva, Nauka, 1965. 134 p.

Studies on the footwall rock deformation in the Kirovsk. Razn. Razn. M. Mikhaylov, A.P. Chukinov. Izv. vyz. ucheb. zav. gor. zhur. 8 no.7:3-8 '65

Studying the effect of corner charges on the length of the line of least resistance during individual explosions of blasting column charges distributed in parallel to the plane of mining. A.A. Shestakov. Izv. vyz. ucheb. zav. gor. zhur. 8 no.7:100-116 '65

Studying the effectiveness of rock breaking by toothed roller bits. I.O. Kulikov, I.A. Shumilov, B.I. Gordenko. Trudy TSNIPDobryshskikh stroy. no.3:58-61 '64.

ROCK MECHANICS—MODELS

Characteristics of the forces of resistance to the penetration of bits into rocks by vibration impact, and their criteria of similarity. V.A. Ostapenko. Izv. DGI 41 pt.2:50-55 '62.

ROCK PRESSURE

(see also subdivision under Nakhichevan A.S.S.R.)

Actual observations of the developments of rock pressure in level workings at the Tekeli lead and zinc mine. G.G. Muraev, V.V. Smirniakov. Izv. vyz. ucheb. zav. gor. zhur. 8 no.7:57-62 '65.

Advantageous distances between workings on the draw levels under high rock pressure. P.M. Vol'fon. Izv. vyz. ucheb. zav. gor. zhur. 8 no.7:14-21 '65

Developing the engineering theory of rock pressure. K.V. Ruppenit. Vop. gor. davl. no.17:3-9 '63.

Effect of vertical cracks on rock stability in the workings of oil shale mines. A.M. Alilik. Khim. i tekhn. gor. slan. i prod. kh. petr. no.13:21-28 '64.

Investigating the manifestation of rock pressure in the chamber and pillar system of mining. A.K. Kovizhin, G.P. Lykov, L.K. Panov. Vop. gor. davl. no.17:13-18 '63.

Locally relieving coal seams for the prevention of sudden outbursts of coal and gas. E.S. Rozantsev, A.N. Umrikhin. Vop. gor. davl. no.17:12-48 '63.

Rock bumps. V.I. Nikolin, A.A. Ilyitokh. Vop. gor. davl. no.17:50-51 '63.

Stress distribution on the supports in deep Donetsk Basin mines. V.P. Anisimashvili. Sob. AN Gruz. SSR 30 no.2:391-402 Ag '65.

ROCK PRESSURE—MEASUREMENT

Full-scale measurements of rock pressure in development workings at mine 5-7 of the "Anzhongol" Trust. E.A. Bober and others. Vop. gor. davl. no.17:10-13 '63.

ROCK PRESSURE—MODELS

Studying the stressed state of rocks around mine workings with the help of the optical method. V.F. Trumbachev, L.S. Molodtsova. Vop. gor. davl. no.17:55-58 '63.

ROCK PRESSURE—TESTING

Results of some investigations to determine the pressure on shaft linings at the Yakovlev mine in the Kuzbass Magnetic Anomaly. V.F. Dubyshchev, N.A. Filatov. Izv. vyz. ucheb. zav. gor. zhur. 8 no.7:35-42 '65

ROCK PRODUCTS

Kibrik, A.M., and I.S. Oves. [Introduction of mathematical methods and electronic computers in the centralized use of rock products to building sites and plants] Vvedeniye matematicheskikh metodov i elektronnykh vychislitel'nykh mashin pri tsentralizovannom obespechenii strok i zavodov nerudnymi materialami; opyt Mosenerudbyta Glavmospromstroimaterialov. Moskva, Stroizdat, 1964. 40 p.

[MICROFILM]

ROCK PRODUCTS INDUSTRY

(see also subdivision under Northwest Economic region)

Hydromechanization in the rock products industry. F.F. Shanenko. Mekh. strol. 22 no.9:2-4 S '65.

ROCKET ENGINES—ABSTRACTS

[Aircraft and rocket engines] Ref. zhur. Av. i raket. dvig. no 9 S '65.

ROCKETS (AERONAUTICS)

Optimization of the motion of a two-stage rocket. V. A. Troitskii. Izv. Akad. Nauk SSSR, no. 1, 745-750. J. Ag. '65.

A problem of the optimum motion of an unguided rocket. A. S. Gailulin. Trudy Un. druzh. nar. 1. Teor. mekh. no. 1, 68-70. '63.

A problem of the optimum motion of guided rockets. A. S. Gailulin. Trudy Un. druzh. nar. 1. Teor. mekh. no. 1, 64-67. '63.

ROCKETS (AERONAUTICS)—GUIDANCE SYSTEMS

Analytic calculation of the control element of rockets. A. S. Gailulin. Trudy Un. druzh. nar. 1. Teor. mekh. no. 1, 66-63. '63.

ROCKETS (ORDNANCE)

Training of missilemen in the process of military work. I. Mareev. Komm. Voenush. Sl. 46 no. 15, 36-41. Ag. '65.

ROCKETS IN METEOROLOGY see subdivision under Poland

ROCKS

(see also subdivision under Caucasus, Northern, Transbaikalia)

Crystallization ability of a series of glasses of the system albite - anorthite - diopside. A. V. Sarukhanishvili. Soob. AN Gruz. SSR. 39 no. 2, 329-335. Ag. '65.

ROCKS—ANALYSIS

(see also subdivision under Turgay Gates)

Determination of boron content in rocks by recording gamma radiation from the $B^{10}(p, \alpha)$ reaction. V. I. A. Zhavoronkov, F. M. Filippov. Geol. i geofiz. no. 7, 101-103. '65.

Utilization of generating functions for construction of the geological classifications of enumeration on the basis of component composition. I. U. A. Voronin, M. N. Ivanova. Geol. i geofiz. no. 7, 82-90. '65.

ROCKS—DENSITY

(see also subdivision under Donets Basin; Kazakhstan, Sayan Mountains)

Density of rocks and some problems in its study. F. S. Moiseenko. Geol. i geofiz. no. 8, 59-65. '65.

Determining the density of ferruginous rocks and ores. V. M. Blumentsev. Razved. geofiz. no. 4, 129-137. '65.

Some problems of the calculation of anomalies in the Bouguer reduction with varying density of topographic masses. A. V. Ladynin. Geol. i geofiz. no. 2, 99-106. '65.

ROCKS—ELASTIC PROPERTIES

(see also subdivision under Sakhalin)

Elasticity of rocks and its effect on their drillability by thermal piercing. A. P. Dmitriev, V. S. Iamshchikov. Izv. vyz. ucheb. zav., gor. zhur. 8 no. 7, 98-102. '65.

ROCKS—PERMEABILITY

Evaluation of the role of enclosing rocks in an ore formation. Absolute moisture capacity of rocks. A. N. Dudarev. Geol. i geofiz. no. 7, 52-59. '65.

Glinbaum, I. I. [Geophysical methods of determining the filtration properties of rocks] Geofizicheskie metody opredeleniia fil'tratsionnykh svoystv gornykh porod. Moskva, Nedra, 1965. 186 p.

Using gas for expelling water from hydrophilic media of uneven microporosity. A. E. Evgen'ev, M. F. Karimov. Gaz. prom. 10 no. 8, 17-19. '65.

ROCKS—TESTING

Estimate of indices during boring operations. S. G. Kaloshin. Trudy Inst. gor. dela AN Kazakh. SSR. 17, 11-16. '65.

Protod'akonov, M. M. [Methods for estimating the jointing and strength of rocks in a massif; report at the seminar on the problems of studying the mechanical properties of rocks in a massif] Metody otsenki treshchinovostoi i prochnosti gornykh porod v massive; doklad na seminar po voprosam issledovaniia mekhanicheskikh svoystv gornykh porod v massive. Moskva, In-t gornogo dela, 1964. 28 p.

Resistance and wear of roller bits depending on the hardness of rocks. V. D. Butin, A. S. Teloshev, B. F. Briukhov. Gor. zhur. no. 9, 45-48. S. '65.

ROCKS, CARBONATE

Formation of depression cones in the Krivoy Rog Basin karstic carbonate rocks. A. E. Kubynin. Gor. zhur. no. 9, 10-21. S. '65.

Use of monochloroacetic acid for the extraction of fossils from carbonate rocks. S. N. Vladimirova, V. V. Missarzhetskii. Izv. AN SSSR Ser. geol. 30 no. 9, 126-128. S. '65.

ROCKS, CARBONATE—ANALYSIS

Paragenetic analysis of the carbonate rocks of spurrite-marvinite facies. V. V. Reverdatto. Geol. i geofiz. no. 2, 3-20. '65.

ROCKS, CRYSTALLINE AND METAMORPHIC see subdivision under Ladoga Lake region, Pamirs, Ukraine

ROCKS, IGNEOUS

(see also subdivision under Altai Mountains, Armenia, Chirchik Province, Kazakhstan, Kola Peninsula; Mugodzhai Hill region; Pamirs, Sakhalin, Shetsky District, Tien Shan, Transbaikalia, Trans-Ili Alatau, Tuva A. S. S. R., Vilyuy Valley)

Potassium feldspar of some of the different age intrusions. V. I. Stravov and others. Trudy Inst. geol. nauk AN Kazakh SSR. 12, 108-112. '65.

ROCKS, IGNEOUS—ANALYSIS see subdivision under Chalkal Range; Kazakhstan, Kurama Range; Siberian Platform

ROCKS, IGNEOUS—DENSITY see subdivision under Soviet Far East

ROCKS, IGNEOUS—MAGNETIC PROPERTIES see subdivision under Magadan Province; Soviet Far East

ROCKS, SEDIMENTARY

(see also subdivision under Azerbaijan, Bashkiria; Chalkal Range, Forzana Province, Kazakhstan, Kuznetsk Basin, Transbaikalia)

Quantitative spectral determination of minor elements in sedimentary rocks. L. N. Andriyeva, N. V. Anan'ev. [Trudy] Inst. geol. i geofiz. Sib. otd. AN SSSR. no. 32, 20-33. '65.

Quantitative spectrum method for the determination of boron in sedimentary rocks. V. I. Simonova. [Trudy] Inst. geol. i geofiz. Sib. otd. AN SSSR. no. 32, 23-33. '65.

Some occurrences of authigenic hydromineralization in terrigenous sediments. G. V. Karpova. Dokl. AN SSSR. 164 no. 2, 422-423. S. '65.

Types of karst and the interrelationship between the development of karst and the formation of cover sediments. V. S. Lukin. Trudy MOIP. 15, 73-78. '65.

ROCKS, SEDIMENTARY—ANALYSIS

(see also subdivision under Second Baku)

Characteristics of the allocation of layers in some cross sections of sedimentary formations. A. B. Vlatelins, A. V. Faas. Dokl. AN SSSR. 161 no. 3, 629-632. S. '65.

ROCKS, SILICEOUS see subdivision under Kazakhstan; Kokchetav Upland; Tamdytau

RODENT BAITS AND REPELLENTS

Theoretical basis and some results of research on chemical plant protection against rodents and birds. B. I. Falekhaev. Trudy VIZR. no. 17, 49-79. '63.

RODENTS

Structure of the rodent hair: cuticle, its variability and its significance for systematics. N. V. Khmel'evskaya. Zool. zhur. 44 no. 7, 1064-1074. '65.

RODENTS—ANATOMY

Data on the afferent innervation of the cerebral dura mater in some mammals (rodents). O. P. Evseeva. Nauch. i med. kaz. gos. med. inst. 14, 163-164. '64.

RODENTS—BIBLIOGRAPHY see Bibliography—Rodents

RODENTS AS CARRIERS OF DISEASE

(see also subdivision under Sayan Mountains; Tatar A. S. S. R.)

Palaeogenesis of natural plague foci as related to the history of rodents. V. V. Kucheruk. Mat. k. pozn. fauny i flory SSSR Otd. zool. no. 40, 5-86. '65.

ROGINSKII, IAKOV IAKOVLEVICH, 1895-

IA. IA. Roginskii's seventieth birthday. V. P. Alekseev. Sov. etn. no. 3, 153-155. My. Je. '65.

ROLLER BEARINGS—LUBRICATION

Viscous properties of lubricants and energy losses in roller bearings. V. V. Sinitayn, L. S. Vasil'eva. Khim. i tekhn. topl. i masel. 10 no. 0, 50-53. S. '65.

ROLLING (METALWORK)

Analytic determination of the pipe rolling moment on automatic mills. I. A. Fomichev, A. N. Kirichenko. Izv. vyz. ucheb. zav., Chern. met. 8 no. 10, 74-79. '65.

Characteristics of laminated strip rolling. P. I. Polukhin and others. Izv. vyz. ucheb. zav., Chern. met. 8 no. 10, 80-83. '65.

Consumption of rolled ferrous metals in the U. S. S. R. during the current seven-year period. V. D. Zemlanskov and others. Sbor. iud. TSNIICIM. no. 45, 143-153. '65.

Development of a deformation texture in cold-rolled transformer steel. N. M. Pedosov, V. P. Papchenko, V. I. Potapov. Izv. vyz. ucheb. zav., Chern. met. 8 no. 8, 108-111. '65.

Dionidov, B. B., and others. [Potentialities in rolling mill operations] Rezervy prokatnogo proizvodstva. Moskva, Metallurgiya, 1965. 95 p.

Effect of roll stoppage on the distribution of metal deformation in the zone of reduction during rolling. O. G. Muzalevskii, V. V. Butsev. Stal. 25 no. 9, 828-830. S. '65.

Form of the curve of tangential contact stresses during upset forging of cylinders and during rolling with smooth rolls. I. L. Petlin. Izv. vyz. ucheb. zav., Izv. met. 8 no. 3, 115-147. '65.

Heating of rail steel ingots in regenerative pits. P. S. Pichanov, R. P. Radchuk, M. P. Vashutakova. Stal. 25 no. 9, 837-840. S. '65.

Influence of cross rolling on the quality of 16GN and 17GS steel sheets. R. U. Zolichenok and others. Stal. 25 no. 9, 825-828. S. '65.

Investigating the longitudinal and transverse effectiveness of deformation during rolling. I. M. Pavlov, P. M. Avramov. Izv. vyz. ucheb. zav., Chern. met. 8 no. 9, 92-97. '65.

Investigating the mechanical properties and the structure of titanium alloys during rolling. N. E. Krasnikov and others. Izv. met. 38 no. 8, 61-65. Ag. '65.

New developments in research. I. U. Matveev and others. Stal. 25 no. 9, 812-815. S. '65.

Planning the production of rolled metal. D. Popov. Plenkhoz. 12 no. 10, 30-31. O. '65.

Rolling of the ASM alloy - Armonon bimetal. A. S. Gullayev. TSvet. met. 38 no. 8, 60-72. Ag. '65.

Using double radii of connection for webs and flanges in the rolling of lightweight girders. N. I. Potapov, V. E. Stefanov, V. A. Shitan. Stal. 25 no. 9, 811-814. S. '65.

ROLLING (METALWORK)—CONGRESSES

New developments in the field of rolling techniques. V. N. Peretiat'ko. Izv. vyz. ucheb. zav., Chern. met. 8 no. 10, 100-101. '65.

ROLLING CONTACT

Determining the actual specific pressure in rolling. V. P. Polukhin, A. V. Zinov'ev. Izv. vyz. ucheb. zav., Chern. met. 8 no. 9, 117-121. '65.

ROLLING MILLS

Calculating force and energy parameters in rolling. Report No. 2. I. A. Tarasovskii, S. L. Kotelnik, V. I. Tarasovskii. Izv. vyz. ucheb. zav., Chern. met. 8 no. 9, 122-128. '65.

Deformation of section mill stands. V. I. Shitakov. Izv. vyz. ucheb. zav., Chern. met. 8 no. 9, 112-116. '65.

ROLLING MILLS—DESIGN AND CONSTRUCTION

Investigating the screw-down mechanism of a slabbing mill working "to the limit." V. A. Tiagunov, V. A. Voskresenskii. Izv. vyz. ucheb. zav., Chern. met. 8 no. 10, 158-161. '65.

A new semicontinuous heavy-section rolling mill. V. I. Shitakov, G. N. Krauze, M. S. Kapryshev. Stal. 25 no. 9, 830-831. S. '65.

Redesigning the screw-down mechanism of two-high reversing stands on medium-thickness sheet mills. A. F. Kuznetsov, P. N. Mazurik. Metallurg. 10 no. 9, 32-33. S. '65.

Strength and limited durability during direct and continuous changes in the loading conditions. V. M. Grebenik. Izv. vyz. ucheb. zav., Chern. met. 8 no. 10, 162-169. '65.

ROLLING MILLS—MANAGEMENT

Efficient organization of the procurement and maintenance of rolls. S. M. Drugalev, N. I. Bronnikova. Metallurg. 10 no. 9, 36-37. S. '65.

Experience of advanced enterprises should become property of all. T. M. Dolmatov. Metallurg. 10 no. 9, 28-30. S. '65.

ROLLING MILLS—VIBRATION

Dynamics of rolling mills during the skidding of rolls. F. K. Ivanchenko. Izv. vyz. ucheb. zav., Chern. met. 8 no. 9, 206-212. '65.

ROLLS (ROLLING MILLS)

Automatic hard facing of rolling mill rolls. V. M. Pokin, N. I. Fain, Svar. proizv. no. 3, 35. M. '64.

Temperature conditions of the service of rolls on three-high sheet rolling mills. M. M. Gousshtein and others. Stal. 25 no. 9, 841-842. S. '65.

ROLLS (ROLLING MILLS)—DESIGN AND CONSTRUCTION

Investigating the efficiency of sectional rolls. N. I. Skorokhodov, V. A. Subbotin. Izv. vyz. ucheb. zav., Chern. met. 8 no. 10, 84-89. '65.

Mathematical method of calculating the grooving of rolls for four-high rolling mills. V. V. Mel'nik, I. A. Pyzhikov. Izv. vyz. ucheb. zav., Chern. met. 8 no. 10, 94-100. '65.

ROLLS (ROLLING MILLS)—MAINTENANCE AND REPAIR

Efficient organization of the procurement and maintenance of rolls. S. M. Drugalev, N. I. Bronnikova. Metallurg. 10 no. 9, 36-37. S. '65.

ROMANTICISM

From the history of Russian romanticism, N. M. Karamzin's literary and theoretical opinions, 1787-1792
G. A. Vishnevskaya Uch. zap. Kuz. un. 124 no. 5-26-106 '61

ROME—AGRICULTURE

Non-economic pressures and the formation of the administrations of the landed estates in Italy, 2d century B.C.-1st century A.D. V. I. Kuzhichin Vest. Mosk. un. Ser. 9, 1st. 20 no. 5, 66-81 S-O '65

ROME—SLAVERY

Non-economic pressures and the formation of the administrations of the landed estates in Italy, 2d century B.C.-1st century A.D. V. I. Kuzhichin Vest. Mosk. un. Ser. 9, 1st. 20 no. 5, 66-81 S-O '65

ROME—THEATER

Songs of freedom and protest S. Gushchenko Teat. 24 no. 9, 158 S '65

ROOFING

Corrugated plastic roofing sheets, (efficient profile and the calculation method), I. U. M. Safonov, Nauch. trudy AKKH no. 31 82-89 '61
Maintenance qualities of roofing material from plastic elements I. U. M. Safonov, Nauch. trudy AKKH no. 31 76-81 '64
Protective coatings for built-up roofs A. V. Ivanov Nauch. trudy AKKH no. 31 105-110 '61

ROOFING, BITUMINOUS

Rules for the arrangement of mastic roofs reinforced by glass materials, M. I. Povallacy, A. M. Voronin, Prom. stroi. 13 no. 9, 13-16 '65

ROOFING, CONCRETE

Experimental investigations in the panels for the roofing of industrial buildings, A. L. Elbein and others, Prom. stroi. i inzh. soor. 4 no. 6, 5-10 N-D '62
Maintenance qualities of mesh-reinforced concrete roofing V. M. Romanov Nauch. trudy AKKH no. 31 60-67 '64
Precast monolithic three-dimensional roofing for industrial buildings, A. I. Dektar', Prom. stroi. 43 no. 9, 20-25 '65
Use of mesh-reinforced roofs in housing construction, A. I. Kostits, Nauch. trudy AKKH no. 31 68-75 '61

ROOFS

A case of the reinforcement of steel roof trusses, V. V. Biriulev, A. V. Sil'vestrov, I. A. S. Levenson, Izv. vyz. ucheb. zav., stroi. i inzh. soor. 8 no. 9, 10-19 '65
Experience in using reinforced roofs, I. A. Nikiforov, S. K. Noskov, T. M. Samokhina, Prom. stroi. 43 no. 9, 11-13 '65
Reinforcement of roofbeams of the KP-01-07 series, G. Krivosheikov, Prom. stroi. i inzh. soor. 4 no. 4, 11-13 Ji-Ag '65
Selecting suitable prefabricated three-dimensional elements for roofs of one-story industrial buildings, R. M. Matelnitski, Prom. stroi. 42 no. 8, 25-28 '65

ROOFS—DESIGN AND CONSTRUCTION

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po grazhdanskomu stroitel'stvu i arkhitekture, [Instruction on designing built-up roofs for apartment and public buildings] Ukazaniya po projektirovaniu bescherdachnykh krysh zhielykh i obshchestvennykh zdaniy (SN 51-64), Izd. ofitsial'nogo, Moskva, Stroizdat, 1965, 23 p.

ROOFS, SHELL

Precast prestressed concrete shell for the roofing of industrial buildings, A. Kurylo, N. Mamontov, S. Shapovalov, Prom. stroi. i inzh. soor. 4 no. 6, 1-4 N-D '62
Prestressed 3x12 m shell panels for roofing industrial buildings, I. U. Bolotaki and others, Prom. stroi. i inzh. soor. 7 no. 4, 20-22 Ji-Ag '65

ROOFS, SUSPENSION

Classification characteristics of suspension roofs, A. Kasilov, Prom. stroi. i inzh. soor. 7 no. 4, 22-25 Ji-Ag '65

ROOTS (BOTANY)

Dynamics of auxin and inhibitor changes in green and etiolated bean cuttings in the process of root formation, R. Kh. Turckskaya, E. M. Kof, Dokl. AN SSSR 164 no. 1: 219-222 S '65
Growth of active prune roots in the course of a year, Kh. T. Toldzhanov, Izv. AN Turk. SSR, Ser. biol. nauk no. 4, 79-81 '65
Movement of water solutions in edonate roots, L. S. Savel'ova, Agrobiologiya no. 5, 745-748 S-O '65
Obruchova, N. V. [Physiology of growing root cells] Fiziologiya rastushchikh kletok kornin, Moskva, Nauka, 1965, 109 p.
Use of apogonotriam in the accelerated propagation of small-growing apple rootstocks, I. P. Bereznoi, Agrobiologiya no. 5, 760-770 S-O '65

ROSEROOT see subdivision under Altai Mountains, Siberia

ROSEROOT—PHYSIOLOGICAL EFFECT

Stimulating effect of rose root on the higher sections of the brain, A. S. Saraflov, T. F. Marina, L. M. Kalilo, Izv. SO AN SSSR no. 8, Ser. biol.-med. nauk no. 2, 120-125 '65

ROSKIN, GRIGORIY IOSIFOVICH, 1892-1964

Professor Grigoriy Iosifovich Roskin (1892-1964), I. U. I. Polianskii, TSitologiya 6 no. 3, 396 My-Je '61

ROSSOSH' DISTRICT—POULTRY INDUSTRY—MANAGEMENT

Inception of accounting, I. Kozegodin, Sov. profsoyuz 21 no. 17, 10-12 S '65

ROSTOV-ON-DON—COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

The opinion of the party group should be sought, V. Naumchik, Part. zhizn' no. 19, 58 O '65

ROSTOV-ON-DON—FINANCE—STUDY AND TEACHING

Organization of studies at the Rostov Financial School, A. Dudakov, Fin. SSSR 30 no. 6, 65-68 S '65

ROSTOV PROVINCE—ADMINISTRATIVE AND POLITICAL DIVISIONS

Rostov-on-Don (Province), Oblastnoi ispolnitel'nyi komitet, [Rostov Province; administrative and territorial division as of September 1, 1964] Rostovskaya oblast', administrativno-territorial'noe delenie na 1 sentyabrya 1964 goda, [Rostov-on-Don] Rostovskoe knizhnoe izd-vo, 1964, 203 p.

ROSTOV PROVINCE—DESIGN, INDUSTRIAL

Regional Conference on Industrial Design in Rostov-on-Don, Tekh. est. 2 no. 9, 3 of cover Ag '65

ROSTOV PROVINCE—GEOLOGY, STRATIGRAPHIC

Stratigraphy and facies of Palaeocene and Paeocene sediments in the Kaspiskii well, I. U. P. Nikitina, Trudy NIIsftegaz no. 13, 30-40 '65

ROTARY CONVERTERS

Automatic control of the angular velocity of a rotary converter using magnetic amplifier, I. V. Kutsuruba, Trudy MIIT no. 205, 55-63 '65
Regulatory features of electromechanical frequency converters, A. A. Antonov, A. I. Arsen'ev, Izv. vyz. ucheb. zav., energ. 8 no. 7, 40-48 Ji '65

ROTARY KILNS see Kilns, Rotary

ROTATING BODIES

Concentration of stresses around eccentric holes in real turbine discs and pump discs, E. S. Pyanenko, V. H. Bazhenov, I. A. Kozlov, Dep. AN URSR no. 8, 157-160 '65

General integrals of the equations of motion of a solid body around a fixed point, V. N. Bogachevskii, Vest. Mosk. un. Ser. 1: Mat., mekh. 20 no. 5, 92-95 S-O '65

Problem of the stability of the vertical spinning of a top on a plane with allowance for viscous resistance, V. M. Moizov, Vest. Mosk. un. Ser. 1: Mat., mekh. 20 no. 3, 50-54 My-Je '65

Some solutions to the problem of the motion of a body around a fixed point, L. I. Kharlamova, Prikl. mat. i mekh. 20 no. 1, 733-737 Ji-Ag '65

Stability of stationary rotations in certain particular cases involving the motion of a solid body about a fixed point, M. S. Sagitov, Vop. vych. mat. i tekhn. no. 3, 19-26 '64

Stability of the permanent rotation of a heavy solid having one fixed point and differing little from S. V. Kovalovskaya's gyroscope, V. G. Damin, Trudy Un. druzh. nar. 5, Teor. mekh. no. 2, 135-140 '64

ROTATING DISKS see Disks, Rotating

ROTATION OF CROPS

(see also subdivision under United States)
Economic, organizational and administrative principles of correct crop rotation, A. Kaminskii, Ekon. sel'khoz. 41 no. 9, 44-54 S '65

Effectiveness of fertilizers in green fallows, V. P. Spitayn, V. A. Fedorov, N. K. Masarov, Zemledelie 27 no. 4, 84-86 Je '65

Green fallows as the most important possibility for increasing agricultural productivity, A. K. Sinev, Izv. TSKIA no. 2, 40-48 '65

Mixed sowing of corn and soybean on green fallows, I. A. Amantsev, I. U. P. Ashigov, Vest. sel'khoz. nauki [Kazakh], 8 no. 8, 29-34 Ag '65

ROTORS—VIBRATION

Natural vibration of a vertical rotor, S. P. Maksimov, Trudy LPI 262, 47-58 '65

ROVNO PROVINCE—COLLECTIVE FARMS—FINANCE

Loans to collective farms, F. Volkov, Den. i kred. 23 no. 9, 42 S '65

ROWAN

Forest vitamins, V. V. Barykina Priroda 51 no. 6, 125-127 S '65

ROYAL JELLY—THERAPEUTIC USE

Antibacterial action of royal jelly, O. S. Radbil', A. P. Kolinn, Veterinaria 41 no. 12, 22-21 D '64

RUBBER

Degradation of rubbers by means of stable radicals, E. V. Rytsova, G. V. Chubanova, Vysokom. soed. 7 no. 4, 134-138 Ag '65

Kinetics of the cyclization of natural and synthetic polysiloxanes induced by phosphorus pentoxide, I. A. Tutorski and others, Vysokom. soed. 7 no. 6, 94-97 Je '65

Quantitative spectral determination of titanium dioxide in rubber compounds, O. P. Galanov and others, Kauch. i rez. 24 no. 5, 53 My '65

Role of oxygen in the process of mechanical softening of rubber, L. G. Angert, G. N. Mikhailova, A. S. Kuz'minskii, Vysokom. soed. 7 no. 5, 765-771 My '65

Spectroscopic study of the complex formed by natural rubber with titanium tetrachloride, Z. P. Jlicheva, T. N. Kharlamova, N. A. Slovkhotova, Dokl. AN SSSR 164 no. 3, 581-583 S '65

Thermomechanical properties of phenol-rubber compositions in monolithic and foamed states, V. A. Popov, I. S. Dorian, I. U. S. Lipatov, Plast. massy no. 9, 30-35 '65

RUBBER—SPECTRA

Klauser, N. A., and L. P. Semenova, [Atlas of the infrared spectra of rubbers and of some ingredients of rubber compounds] Atlas infrakrasnykh spektrov kauchukov i nekotorykh ingrediventov rezinovykh smesei, Moskva, Khimika, 1965, 127 p.

RUBBER—TESTING

Study of the limits of the proportionality of stresses in the stretch deformations of rubber, A. B. Kusov and others, Kauch. i rez. 24 no. 5, 35-36 My '65

RUBBER, RECLAIMED—ELECTRIC PROPERTIES

Effect of filling reclaimed rubber on the dielectric properties of the reclaimed product, B. L. Babitskii and others, Kauch. i rez. 21 no. 5, 22-25 My '65

RUBBER, SYNTHETIC

(see also subdivision under Bashkiria)

Effect of the properties of nitrile rubber on its compatibility with perchlorovinyl resins, I. U. P. Rozhkov, A. M. Provi, Lakokrask. mat. i kh. prim. no. 4, 10-22 '65

Growth of particles in the synthesis of acrylate latexes, V. I. Eliseeva, P. I. Zubov, V. F. Malofeevskaya, Vysokom. soed. 7 no. 8, 138-139 Ag '65

Some characterization of the new types of synthetic rubber, V. I. Alekseenko, A. P. Nikiforova, Kozh. - obuv. prom. 7 no. 8, 22-25 Ag '65

Thermographic study of the crystallization of nitril NP, a chloroprene rubber, B. A. Teitelbaum, N. P. Anoshina, Vysokom. soed. 7 no. 6, 97B-983 Ju '65

Use of diamides as foam inhibitors in the reprocessing synthetic latexes, I. M. Belev, M. V. Lintopadov, Kauch. i rez. 24 no. 5, 26-28 My '65

Use of organic peroxides in the vulcanization of ethyl-propylene rubber, S. E. Ruzhichskaya, G. A. Blokh, Izv. vyz. ucheb. zav., tekhn. log. p. om. no. 4, 57-62 '65

Using azoylet - A as an emulsifier in the emulsion polymerization of rubber, M. A. Ashimov and others, Spoz. nauch. - tekhn. inform. Azot. b. inst. nauch. - tekhn. inform. Ser. Neftep. i khim. prom. no. 2, 3-14 '62

RUBBER, SYNTHETIC—TESTING

Determination of the cohesive energy density of some synthetic rubbers with functional groups, L. V. Makarova and others, Vysokom. soed. 7 no. 6, 105B-1059 Je '65

Effect of tetramethylthiuram disulfide on the ozone and photozone aging of rubber, I. U. S. Zuev, A. F. Postoy-skala, Kauch. i rez. 21 no. 5, 18-20 My '65

Study of the behavior of various siloxane raw rubbers and rubbers on their base in a vacuum at temperatures ranging from 250°C to 500°C, T. G. Dogteva, V. N. Gruber, A. S. Kuz'minskii, Kauch. i rez. 24 no. 5, 1-6 My '65

RUBBER BOOTS AND SHOES see Boots and shoes, Rubber

RUBBER COATINGS

Theory of the rubber coating protection of metals from cavitation erosion, V. M. Kononov, K. N. Shabalin, Zashch. mot. 1 no. 5, 494-499 S-O '65

RUBBER GOODS

Round cross-section ring packings, D. B. Dobrushkin, Kauch. i rez. 21 no. 5, 28-30 My '65

RUBBER GOODS—TESTING

Characteristics of the deformation of rubber in rubber-metal valves, V. S. Urovskii, G. M. Barteney, Kauch. i rez. 24 no. 5, 31-34 My '65

RUBBER INDUSTRY

Results of the socialist competition of the collectives of synthetic rubber plants and enterprises of the rubber industry during 1964. *Kauch. rez.* 24 no 5 55-56 My '65

RUBBER INDUSTRY—PRODUCTION STANDARDS

Methodology for setting the expenditure norms of material resources in the production of technical rubber products. G. I. A. Udas, N. N. Ermolaev, V. M. Remisova. *Kauch. rez.* 21 no 5 10-13 My '65

RUBBER INDUSTRY WORKERS

Training of vulcanizer operators. I. A. Zubkov. *Kauch. rez.* 24 no 5 52-53 My '65

RUBBER MACHINERY

Contactless system of automatic control of continuous production lines for the preparation of compounds with the application of electronic computer elements. B. I. Andrasimov, V. P. Volosnikov. *Kauch. rez.* 21 no 5 10-13 My '65

New vulcanization press. N. A. Ivanov. *Kauch. rez.* 21 no 5 11-15 My '65

RUBBER MACHINERY—ELECTRIC DRIVING

Electric driving of industrial rubber rolls. V. A. Troshin. *Kauch. rez.* 24 no 5 37-39 My '65

RUBBER MACHINERY—TRANSMISSION DEVICES

Experience in the introduction of pneumatic rubber clutches in the Bobruysk Factory of Technical Rubber Goods. V. N. Andreev. *Kauch. rez.* 21 no 5 10 My '65

RUBBER TIRES see Tires, Rubber

RUBBERIZED FABRICS

[Industrial fabrics and their use]. *Tekhnicheskii khandlikh primeneniye*. [By] Z. M. Kozlyeva i dr. Moskva, Legkaya Industriya, 1965. 251 p.

RUBTSOVSK (ALTAI TERRITORY)—WAGES—TRACTOR INDUSTRY

Analysis of the efficiency of wage systems. E. I. A. M. Sots. *trud* 10 no 9 67-70 S '65.

RUDNYI (KAZAKHSTAN)—AUDITING AND INSPECTION

The Inspector came to an enterprise... A. Moiseenko. *Nar. khoz. Kazakh.* 23 no 8 51-51 Ag '65.

RUG AND CARPET INDUSTRY

New types of textile runner rugs. T. Pechkova. *Tekhn. est.* 2 no 8 17-19 Ag '65.

RUMANIA—CONSTITUTION

Guaranty of the rights won by the people. M. Rozenfeld. *Mezhdunar. zhizn'* 12 no 10 115 O '65.

RUMANIAN LANGUAGE—ARTICLE

Some characteristics of the article in Rumanian. V. S. Lebedev. *Trudy Tbil. GU* no 98 149-155 '64.

RUMEN—BLOOD SUPPLY

Vascularization of the mucosa membrane of the rumen. V. N. Kozlov. *Veterinaria* 42 no 7 56-57 JI '65.

RUMINANTIA—FEEDING AND FEEDS

Antibiotics in feeding ruminants. N. G. Pervov. *Trudy VIZH* 27 126-132 '65.

RUNOFF

(see also subdivision under Azerbaijan, Boguslav region, Ukraine, Crimea, Dnieper Valley; Don Valley; Gavaas Valley, Uzbekistan, Georgia; Kola Peninsula, Omsk Province; Russia, North-western; Samur Valley, Shelon' River Watershed; Transcarpathia; Ukraine, Volga River; Voronezh Province)

Apparatus for automatic calculation of liquid runoff from slopes. A. I. Gonchar. *Pochvovedenie* no 8 110-113 Ag '65.

Calculations of water volume in the riverbed network of a watershed. R. A. Nezhikhovskii. *Trudy GGI* no 118 92-148 '65.

Experience in calculating the hydrographs of spring floods by the genetic runoff formula. A. B. Zavodchikov. *Trudy GGI* no 127 158-173 '65.

Formation of spring runoff and the prediction of discharges according to data on snow melt. N. M. Alushinskaya. *Trudy GGI* no 118 3-01 '65.

Influence of agrotechnical and forest reclamation measures on the streamflow of forest-steppe and steppe regions. A. P. Bochkov. *Trudy GGI* no 127 10-81 '65.

Influence of agrotechnical measures on streamflow. P. S. Kuzin. *Trudy GGI* no 127 82-100 '65.

Study of the frequency and duration of periods of different water content of rivers of the U.S.S.R. V. G. Andrejanov and others. *Trudy GGI* no 127 227-276 '65.

Use of L. A. Vitel's synoptic-climatologic method for forecasting annual streamflow. M. I. Gurevich. *Trudy GGI* no 118 177-246 '65.

RURAL CONSTRUCTION

(see also subdivision under Kazakhstan)

Hydromechanization in rural construction. A. Chernyshev. *Mekhn. stroi.* 22 no 9 31 S '65.

Mobile mechanized task force in rural construction. I. A. Sukhachev. *Mekhn. stroi.* 22 no 7 2 of cover-2 JI '65.

[Practice in farm construction abroad] Opyt sel'khoz. stroi. za rub. no 2 '61 (DNAL)

Taking into consideration the needs of the village. V. I. Akovlev. *Nar. khoz. Prazn. zh.* 23 no 9 62 S '65.

RURAL CONSTRUCTION—AUDITING AND INSPECTION see subdivision under Cherkassy Province, Kirovograd Province

RURAL EDUCATION see Education, Rural

RURAL ELECTRIFICATION

A simplified method of determining the maximum power consumption of agricultural consumers. V. S. Kozlov. *Energetik* 13 no 8 17-19 Ag '65.

RURAL ELECTRIFICATION—EXHIBITIONS

Apply advanced progressive methods in rural electrification. L. Tatarsov. *Inform. biul. VDNH* no 9 13-14 S '65.

RURAL PLANNING see subdivision under Kalinovka (Kursk Province)

RURAL SCHOOLS

Here they train communists. A. Vorob'eva. *Nach. shkola* 33 no 9 60-63 S '65.

RURAL WATER SUPPLY see Water supply, Rural

RUSSIA—ADMINISTRATIVE AND POLITICAL DIVISIONS

[R. S. F. S. R., administrative and territorial divisions as of May 1, 1965] RSFSR, administrativno-territorial'noe delenie na 1 mala 1965 goda. Moskva, Izd-vo Izvestiya Sovetov deputatov trudiashechkhkhia SSSR, 1965. 446 p.

RUSSIA—ANTIQUITIES

Dorjaskovskii, P. I. [Newest achievements of Soviet archaeology] Novolishie dostizheniya sovetской arkheologii Leningrad, Ob-vo po rasprostraneniyu polit. i nauchn. znaniy RSFSR, 1960. 43 p. (ICU)

Ishkhizov, M. D. [Riddles of the ancient kurgans] Zagadki drevnikh kurganov. [Saralov] Izd-vo Saratovskogo univ., 1961. 136 p. (MI)

RUSSIA—ARMED FORCES—MANAGEMENT

Avtokratov, V. N. [Administration of the armed forces of Russia in the early 18th century; based on materials of the Department of Military Affairs. Author's abstract of a dissertation for the degree of Candidate of Historical Sciences] Upravleniye vooruzhennymi silami Rossii v nachale XVIII veka: po materialam Prikaza voennye det. Avtorofrat dissertatsii na soiskanie uchenoi stepeni kandidata istoricheskikh nauk. Nauchn. rukovoditel' A. A. Zimin. Moskva, Msk. gos. istoriko-arkhivnyi in-t, 1964. 18 p. [MICROFILM]

RUSSIA—ARMED FORCES—MEDALS, BADGES, DECORATIONS, ETC.

Heroes of the Soviet Union among the workers of the river fleet. *Rech. transp.* 24 no 5 1-5 '65.

RUSSIA—ARMED FORCES—OFFICERS

Spiritual word of the commander. V. Andrianov. *Komm. Vooruzh. Sil* 40 no 15 47-51 Ag '65.

RUSSIA—ARMED FORCES—POLITICAL ACTIVITY

Arouse thought, disturb the hearts of people. I. Ivanilov. *Komm. Vooruzh. Sil* 40 no 15 70-74 Ag '65.

Be constantly in combat readiness and vigilantly perform your duty. A. Shaturnyi. *Komm. Vooruzh. Sil* 40 no 15 84-89 Ag '65.

Organization work should be at the level of party demands. A. Mamaev. *Komm. Vooruzh. Sil* 40 no 15 57-63 Ag '65.

Reports and elections of party agencies. *Komm. Vooruzh. Sil* 40 no 15 3-8 Ag '65.

RUSSIA—ARMED FORCES—REGULATIONS

Pobezhnikov, I. F., and D. N. Artamanov. [Combined-arm regulations, a code of rules for the conduct and activity of servicemen] Obshchevolnokie ustavy—svod pravil povedeniya i deiatel'nosti voennosluzhashchikh. Moskva, Voenizdat, 1964. 68 p.

RUSSIA—ARMY

From the history of the Red Army of Georgia. V. Mekva-bishvili. *Voen.-ist. zhur.* 7 no 8 111-116 Ag '65.

RUSSIA—ARMY—ARTILLERY

Russia (1923- U.S.S.R.) Ministerstvo oborony. *Artillery manual of the Soviet Army; formations and fighting service of ground artillery* Nastavleniye na strelkovskoi Artillerii, stroi i ognevalnaya sluzhba naznacheniya artillerii. Moskva, Voenizdat, 1955. 307 p.

Training of missilemen in the process of military work. I. M. Iev. *Komm. Vooruzh. Sil* 40 no 15 46-41 Ag '65.

RUSSIA—ARMY—HANDBOOKS, MANUALS, ETC.

Semenov, I. S., and M. M. Ermokhin. [New military statutes] Novye volnokie ustavy. Moskva, Voen. izdat-vo, 1961. 30 p. (NKC)

RUSSIA—ARMY—MILITARY LIFE

Sotnikov, V. F., and M. M. Plastunov. [The commander assumes his office, advice to the young commander of a company or battery] Komandir vstupael v dolzhnost', soveti molodomu komandiru rot i batarii. Moskva, Voenizdat, 1965. 106 p.

RUSSIA—ARMY—OFFICERS

Sotnikov, V. F., and M. M. Plastunov. [The commander assumes his office, advice to the young commander of a company or battery] Komandir vstupael v dolzhnost', soveti molodomu komandiru rot i batarii. Moskva, Voenizdat, 1965. 106 p.

RUSSIA—ARMY—POLITICAL ACTIVITY

Here, at the sacred monument... F. Mitshin. *Mil. komm.* no 9 76-81 S '65.

RUSSIA—COMMERCE

The efficiency indices of export. G. I. Shagidov. *Chisl. i sovr. sov. i zrub. ekon.* no 4 183-202 '65.

[Foreign trade of the U.S.S.R. in 1964; a statistical survey] Vnesbnaya torgovlia SSSR za 1964 god, statisticheskiy obzor. Moskva, Vneshtorgizdat, 1965. 294 p.

Give more authority and increase responsibility. A. Strucv. *Sov. torg.* 30 no 6 5-9 Je '65.

Increasing economic incentives in trade. Ia. Chelov. *Vop. ekon.* no 9 99-97 S '65.

What hinders the commodity expert's work? I. P. Mikhailov, G. S. V. Idenko. *Sov. torg.* 30 no 9 27-31 S '65.

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—ECONOMIC CONDITIONS

Chumilov, V. T. [History of the national economy of the U.S.S.R., the pre-October period] Istoriya narodnogo khozaiatstva SSSR; dooktobr'skii period. [Izv. v] Izd-vo Kievskogo univ., 1964. 211 p. History of the seven-year plan. *Nov. vrem.* 23 no 13 24 O '65.

Russia (1917- R. S. F. S. R.) Verkhovnyi Sovet. [Minutes of the fifth session of the Sixth Supreme Soviet of the R. S. F. S. R., July 8-9, 1965. Verbatim report] Zasedaniya Verkhovnogo Soveta RSFSR shestogo soezva, platina sessiya (8-9 iulija 1965 g.). Stenograficheskiy otchet. [Moskva] Izd. Verkhovnogo Soveta RSFSR, 1965. 213 p.

Under the all-conquering banner of the Great October. *Mor. shor* 40 no 10 3-9 O '65.

RUSSIA—ECONOMIC CONDITIONS—MATHEMATICAL MODELS

Model of the interbranch balance including complex industries. L. M. Dudkin. *Ekon. i mat. metod.* 1 no 4 534-541 JI-Ag '65.

Static interbranch balance of production and production distribution. O. D. Protasenko. *Ekon. i mat. metod.* 1 no 4 507-516 JI-Ag '65.

RUSSIA—ECONOMIC GEOGRAPHY see Geography, Economic

RUSSIA—ECONOMIC POLICY

Brezhnev, L. I. [Speech at the Plenum of the Central Committee of the CPSU on September 29, 1965] Rech' na Plenum TSK KPSS 29 sentyabrya 1965 goda. Moskva, Politizdat, 1965. 30 p.

Communists and production. V. Ososkov. *Part. zhizn'* no 10 22-31 O '65.

Current events. *Nov. vrem.* 23 no 40 2-4 O '65.

Development of a new labor discipline and the increase in labor productivity during the period of respite from March to July 1910. A. V. Andreev. *Vest. Mosk. univ.* 91 Ist. 20 no 4 35-50 JI-Ag '65.

The economic contract as a tool of socialist planning. F. Rabinovich. *Kommunist* 42 no 14 64-71 S '65.

The essence of the economic reform. V. Smolnarskii. *Nov. vrem.* 23 no 41 3-5 O '65.

Improve the method of working out the material balance. O. Neveliev. *Ekon. Rad. Ukr.* 8 no 9 25-29 S '65.

RUSSIA—ECONOMIC POLICY (Continued)

Kommunisticheskaia partiia Sovetskogo Soyuza. [Party in the struggle for the restoration of the national economy, 1921-1925: consultations, methodological advice] Partiya i bor'ba za vostanovlenie narodnogo khoziaistva. 1921-1925 gody. konsultatsii, metodicheskie sovety [Moskva] Moskovskii rabochii, 1964 171 p. (V pomoshch' izuchaiushchim istorii KPSS) (NIC)

Kommunisticheskaia partiia Sovetskogo Soyuza. Tsentralnyi Komitet. Plenum, Sept. 1965. [On the convocation of the regular 23d Congress of the CPSU. On the improvement of industrial management, improvement of planning, and intensification of the economic stimulation of industrial production; decrees of the Plenum of the Central Committee of the CPSU adopted on September 29, 1965] O sozrye ochenidnoy XXIII s'ezda KPSS. Ob ulechshenii upravleniia promyshlennosti, sovershensvovani planirovaniia i usilenii ekonomicheskogo stimulirovaniia pri oshchennom proizvodstve, postanovleniia Plenuma TSK KPSS, priniate 29 sentabria 1965 goda. Moskva, Politizdat, 1965. 14 p.

Moscow. Vsesoiuznyi nauchnyi finansovo-ekonomicheskii institut. [Planning of the national economy of the U.S.S.R.] Planirovanie narodnogo khoziaistva SSSR. Moskva, Ekonomika, 1965 608 p

Objective principles of planning the proportions and rates of social reproduction of the means of production, Plan.khoz. 42 no.9 66-76 S '65.

Planning of proportions between the production of the means of production and consumer goods. Plan.kho. 12 no.10 73-82 O '65.

Planning of the correlation between consumption and accumulation. IU. Belik Plan.khoz. 42 no.10 65-73 O '65.

Problems of determining economic efficiency in planning the national economy. V P. Krasovskii. Sbor nauch inform Nauch sov po eff osh fond.kap vlozh nov. tekhn. AN SSSR no. 7,32-52 '65

Problems of improving the planned organization and management of socialist production. A. Pev'nei. Vop. ekon. no.9:151-156 S '65.

Report on the Plenum of the Central Committee of the CPSU. Part. zhizn' no.19 3 O '65

Ways to improve the economic bases of planning. V. Natsionov. Ekon. Rad Ukr. 0 no.8:60-74 Ag '65

RUSSIA—FOREIGN RELATIONS

Brezhnev, L.I. [Speech at the Plenum of the Central Committee of the CPSU on September 29, 1965] Rech' na Plenum TSK KPSS 29 sentabria 1965 goda. Moskva, Politizdat, 1965. 20 p.

[Foreign policy of the U. S. S. R.; a textbook] Vnesnialna politika SSSR, uchebnoe posobie. 2d., perer. i dop. Moskva, Politizdat, 1965. 290 p.

Problems of international politics in new V.I. Lenin documents. IA. Temkin, M. Trush, Mezhdunar. zhizn' 12 no.10 18-27 O '65.

Research on the problems of foreign policy. V. I. Iakobson, Mezhdunar. zhizn' 12 no.10 18-11 O '65.

RUSSIA—FOREIGN RELATIONS—GEORGIA

Paichadze, G.G. [Russian-Georgian relations from 1725 to 1735] Russko-georgiiskie otnosheniia v 1725-1735 godakh. Tbilisi, Metsniereba, 1965. 170 p.

RUSSIA—FOREIGN RELATIONS—GREAT BRITAIN

Soviet physiatrists visiting England. A.B. Mikhailovskii, K.N. Stepanov. Atom energ 19 no.2 21-22 Ag '65

RUSSIA—FOREIGN RELATIONS—LATIN AMERICA

The U. S. S. R. and Latin America. A.E. Ioffe. Nov. i novelsh. ist. no.5:70-80 '65.

RUSSIA—FOREIGN RELATIONS—POLAND

Wycech, Czeslaw. [Reminiscences, articles, studies. Translated from the Polish] Wspomniania, stat'i, issledovaniia. Red. I.S. Miller. Moskva, Progress, 1965. 438 p

RUSSIA—GEOGRAPHY see Geography

RUSSIA—HISTORIOGRAPHY—CONGRESSES

V. I. Lenin and the historical science; all-Union scientific session in Kiev. V.A. Dunayevskii, V.I. Neupokoev. Vest. AN SSSR 35 no.9:97-101 '65.

RUSSIA—HISTORY

Before the war (to be continued). N.G. Kuznetsov Oktabr' 42 no.9:163-169 S '65

First vocational schools in Russia. Prof. -tekh. obr. 22 no.9:24 S '65.

RUSSIA—HISTORY—SOURCES

Akademiia nauk SSSR. Institut istorii. [Complete collection of Russian chronicles] Polnoe sobranie russkikh letopisei. Moskva, Nauka, Vol.9/10. [The Patriarch or Nikon chronicle] Patriarshala ili Nikonovskala letopis'. 1905. 244 p.

RUSSIA—HISTORY, MILITARY

Defense of doctors' dissertations. P. Dmitriev, V. N. nat. otkov. Voen.-ist. zhur. 7 no.8:115-117 Ag '65.

Military historical experience and the development of military affairs. P. Alukhov. Voen.-ist. zhur. 7 no.9:13-15 '65.

News, facts, findings. Voen.-ist. zhur. 7 no.9 121-123 S '65

The Russian Military Historical Society, 1907-1914 A. Kochetkov. Voen.-ist. zhur. 7 no.9 94-99 S '65

RUSSIA—INDUSTRIES

The Communist Party's struggle for transition to the socialist industrialization of the country. IU. V. Voskresenskii. Vest. Mosk un. Ser. 9. Ist. 20 no.5 3-22 S-O '65

RUSSIA—INDUSTRIES—CLASSIFICATION

Shvyrykov, IU. M. [Classification of branches in the national economic plan] Klassifikatsiia otstrei v narodnokhlozhaistvennom plane. Moskva, Ekonomika, 1965. 146 p

Some problems of the classification of industrial and agricultural production. A. I. Iakobson, B. Kabanovych, V. Ryzanov. Ekon. Rad Ukr. 8 no.9 60-68 S '65

RUSSIA—INTELLECTUAL LIFE

"Eudite republie." E. Pokusaev. Vop. lit. 0 no.0 215-217 S '65.

RUSSIA—LANGUAGES

Discussion of the current problems in the interaction of languages of peoples of the U. S. S. R. A.I. Isayev, Izv. AN SSSR, Ser. Lit. i fil. 24 no.4:368-370 Ji-Ag '65.

Musaev, K. M. [Alphabets of the languages of the peoples of the U. S. S. R.] Alfavitny lazikov narodov SSSR. Moskva, Nauka, 1965. 85 p

The Ninth All-Union Coordinating Conference on Problems of Phraseology. R. S. Shvartskopf, Izv. AN SSSR, Ser. Lit. i fil. 21 no.4:373-374 Ji-Ag '65.

RUSSIA—LITERATURES

From a study of characteristics to a study of natural phenomena. R. Bikhukhametov. Vop. lit. 0 no.8:18-59 Ag '65.

Is this critical realism? G. Lomidze. Vop. lit. 0 no.8 73-83 Ag '65.

Literary life. Vop. lit. 0 no.8:243-256 Ag '65.

Literary life. Vop. lit. 0 no.8:214-255 S '65.

Natural phenomenon of a miracle. Z. Kedrina. Vop. lit. 0 no.8:64-72 Ag '65.

RUSSIA—MANUFACTURES

Give more authority and increase responsibility. A. Stuev. Sov. torg. 38 no.6:5-9 Je '65

Give unremitting attention to trade in city and village. V. D. Iakov. Sov. torg. 38 no.9:1-6 S '65.

Improve trade and the public dining system in the country. Sov. torg. 38 no.6:1-4 Je '65.

RUSSIA—MANUFACTURES—FINANCE

Investment of credit in capital assets. I. Taftin. Den. i kred. 23 no.9:28-31 S '65.

RUSSIA—NAVY

The navy on the eve of the Great Patriotic War. N. Kuznetsov. Voen.-ist. zhur. 7 no.9:59-76 S '65.

Under the flag of the Soviet motherland. V. Kasatonov. Sov. voia 17 no.13:1-3 Ji '65.

RUSSIA—NAVY—OFFICERS

Carefully train and educate young officers. M. D. Maenkov. Mor. sbor. 48 no.10:30-33 O '65

Training future officers in revolutionary and military traditions. M. I. Boznerov. Mor. sbor. 48 no.10:10-15 O '65

RUSSIA—NAVY—SEA LIFE

Toward a dream. N. Ancharskii. Sov. voia 47 no.13:0-7 Ji '65.

RUSSIA—OFFICIALS AND EMPLOYEES—PRODUCTION STANDARDS

Establishing work norms for employees. E. Aron. Sots. trud. 10 no.8:101-109 '65.

RUSSIA—POLITICS AND GOVERNMENT

[Gazette of the Supreme Soviet of the U. S. S. R.] Ved. Verkh. Sov. RSFSR 9 nos. 37-39 S '65.

[Gazette of the Supreme Soviet of the U. S. S. R.] Ved. Verkh. Sov. SSSR 28 nos. 38-39 S-O '65.

Klopov, E. V. [Lenin in the Smolnyi; V. I. Lenin's activities in the government during the first months of Soviet rule, October 1917-March 1918] Lenin v Smol'nom; gosudarstvennaia delatel'nost' V. I. Lenina v pervye mesiatsy Sovetskoi vlasti, oktobr' 1917 g. - mart 1918 g. Moskva, Mysl', 1965. 454 p.

A mighty ideological weapon of the party. V. Zevin Part. zhizn' no.18 8-17 S '65.

Russia (1917-1918). R. S. F. S. R. Velikhoynyi Sovet. [Meetings of the fifth session of the Sixth Supreme Soviet of the R. S. F. S. R., July 8-9, 1965. Verbatim report] Zasedaniia Velikhoynogo Soveta RSFSR shiestogo sozyva, piataia sessiia (8-9 iulia 1965 g.). Stenograficheskii otchet [Moskva] Izd. Verkhovnogo Soveta RSFSR, 1965. 213 p.

Soviets in the struggle against the counterrevolutionary activity of the kulaks during the transitions to the NEP. IU. S. Kabanov. Vest. Mosk un. Ser. 9. Ist. 20 no.5 23-34 S '65

RUSSIA—RELATIONS (GENERAL) WITH AFRICA

History with us. V. Solodovnikov. Az. i. fil. seg. 9 no.9 2-3 S '65

RUSSIA—RELATIONS (GENERAL) WITH AUSTRALIA

History of the activities of the "Society of Assistance to the U. S. S. R." in Australia. M. S. Kuz'min. Vest. LGU 20 no.11 113-115 '65

RUSSIA—RELATIONS (GENERAL) WITH BURMA

Mozhetko, I. V. [Not only memory. A story about a trip to Burma] Ne tol'ko pamiat'. . . rasskaz ob odnoi puezdke v Birmu. Moskva, Nauka, 1965. 134 p. (Puteshestviia po stranam Vostoka)

RUSSIA—RELATIONS (GENERAL) WITH EAST GERMANY

Delegation of Soviet jurists in the German Democratic Republic. V. Khumakov. Sots. zakon 12 no.8:66-67 Ag '65

A trip of Soviet lawyers to the German Democratic Republic. Biol. Verkh. Suda no.4:38-39 '65.

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Help of a friend. Prof. -tekh. obr. 22 no.9:31-35 S '65.

RUSSIA—RELATIONS (GENERAL) WITH HUNGARY

A delegation of Soviet lawyers in the Hungarian People's Republic. G. Karnin. Sots. zakon 42 no.9 71-77 S '65.

Ten days in the Hungarian People's Republic. Biol. Verkh. Suda no.4:10-41 '65.

RUSSIA—RELATIONS (GENERAL) WITH INDIA

Guests from India. Biol. Verkh. Suda no.4:36-37 '65.

RUSSIA—RELATIONS (GENERAL) WITH SWITZERLAND

A trip to the Devil's Bridge. D. Gennadiev. Nov. i vsem. 23 no.49:21-26 O '65.

RUSSIA—REVOLUTION OF 1905

Ideas of the 1905 Russian Revolution on politics and law. F. I. Kalmychev. Sov. gos. i pravo 35 no.9 30-39 S '65.

Repercussion of the First Russian Revolution in Cuba. Jose L. Franco. Nov. i novelsh. ist. no.5:80-83 '65.

RUSSIA—REVOLUTION, 1917-1921

Dubyn'skii, I. V., and H. M. Shevchuk. [The Red Cossacks, an historical sketch] Chervone kozatstvo, istorichnyi narys. Kyiv, Polkvydav Ukrainy, 1965 176 p.

Fedukhin, S. A. [Soviet rule and bourgeois specialists] Sovetskaiia vlast' i burzhuznye spetsialisty. Moskva, Mysl', 1965. 253 p.

RUSSIA—REVOLUTION, 1917-1921—FOREIGN PARTICIPATION

Akademiia nauk SSSR. Institut slavianovedeniia. [Internationalists in the struggles for the Soviet regime] Internationalisty v bolakh za vlast' Sovetov. Moskva, Mysl', 1965. 397 p.

RUSSIA—REVOLUTION, 1917-1921—INFLUENCE

The Great October and the working class of Brazil. B. I. Koval'. Nov. i novelsh. ist. no.5:10-21 '65.

RUSSIA—REVOLUTION, 1917-1921—NAVAL OPERATIONS

Kadenikov, N. Z. [Short sketch of the struggle of the White Forces under St. Andrew's banner on the land, sea, lakes, and rivers of Russia in 1917-1922] Kratki ocherk Beloi Bor'by pod Andreevskim flagom na suhe, morskakh, ozerakh i rekakh Rossii v 1917-1922 g.g. Izd. Avtor. New York, 1965. 108 p.

Klitenko, IU. K. [Red flotilla] Krasnala flotilla. Moskva, Politizdat, 1965 62 p. (Gerolicheskoe proshloe nashel Rodiny)

RUSSIA—RURAL CONDITIONS

Give daily attention to the reorganization of rural life. Sov. profsoyuzy 21 no.17:1-3 S '65.

RUSSIA—SERFDOM

Graman, N. S. [Crisis in the "upper classes" during the period of the preparations for the 1861 reform, based on the drafts and memoirs of the landowners. Author's abstract of a dissertation for the degree of Candidate of Historical Sciences] Krizis "verkhov" v period podgotovki reformy 1861 goda, po proeklam i zapiskam pomeschchikov. Avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata istoricheskikh nauk Nauchn. rukovoditel' A. S. Nifontov. Moskva, Moskgos pedagog. in-t, 1964. 19 p. [MICROFILM]

RUSSIA—SOCIAL LIFE AND CUSTOMS

There should be new rites to fit new times. I. Riabinskii. Sov. profsoyuzy 21 no. 19:34-35 O '65.

RUSSIA—SOLOVETSKOYE UPRISING, 1668-1676

Bursakov, N. A. [Solovetskoye Uprising, 1668-1676] Solovetskoe vosstanie, 1668-1676 gg. Petrozavodsk, Gos. izd-vo Karelo-Finskoi SSR, 1954. 65 p. (MnU)

RUSSIA—STATISTICS

[Foreign trade of the U.S.S.R. in 1964; a statistical survey] Vneshnaya torgovlya SSSR za 1964 god, statisticheskii obzor. Moskva, Vneshtorgizdat, 1965. 294 p.

RUSSIA, NORTHERN—COMMERCE

Improve trade in the Far North. A. Sivurov. Sov. torg. 38 no. 9:34-35 S '65.

RUSSIA, NORTHERN—DRAGONFLIES

Phenology of the flight of dragonflies (Odonata, Insecta) in Siberia beyond the Arctic Circle and general characteristics of this phenomenon in northern palaearctic regions. B. V. Belyshev. Zool. zhur. 44 no. 7:1014-1017 '65.

RUSSIA, NORTHERN—ELECTRIC POWER DISTRIBUTION

Single-phase short circuits to ground in 35-110 kv networks in the Far North. N. N. Maksimenko, V. P. Chumakov. Elek. sta. 36 no. 9:57-61 S '65.

RUSSIA, NORTHERN—ETHNOLOGICAL RESEARCH

Historical and ethnographical investigation in the Far North of Siberia. L. P. Lashchuk. Vest. Mosk. un. Ser. 9. Ist. 20 no. 5:90-94 S-O '65.

RUSSIA, NORTHERN—HYDROGRAPHIC SURVEYING

Exploring the lower reaches and estuaries of the northern and Siberian rivers. N. G. Iliarov. Rech. transp. 24 no. 5:50-51 '65.

RUSSIA, NORTHERN—ICE FISHING

Winter control fishing with stake nets and fish traps. E. P. Novozhilov. Ryb. khoz. 41 no. 7:54-56 '65.

RUSSIA, NORTHERN—MANUFACTURES

Improve trade in the Far North. A. Sivurov. Sov. torg. 38 no. 9:34-35 S '65.

RUSSIA, NORTHERN—PARASITES—REINDEER

Controlling warble flies and bloodsucking insects infesting reindeer. I. Tarasenkova. Veterinaria 42 no. 7:54-55 JI '65.

RUSSIA, NORTHERN—RIVERS—REGULATION

Exploring the lower reaches and estuaries of the northern and Siberian rivers. N. G. Iliarov. Rech. transp. 24 no. 5:50-51 '65.

RUSSIA, NORTHWESTERN—FRUIT FLIES

Behavior of fruit flies and their harmfulness of corn plantings in the northwestern zone of the U.S.S.R. I. D. Shapiro. Trudy VIZR no. 17:248-276 '63.

RUSSIA, NORTHWESTERN—INLAND WATER TRANSPORTATION

We shall achieve our goals as planned. N. Semenov. Rech. transp. 21 no. 8:7-8 Ag '62.

RUSSIA, NORTHWESTERN—RIVERS

Synoptic conditions of the formation of annual flow of rivers of the northwest of the U.S.S.R. and the possibility of forecasting it. N. A. Aniskina. Trudy GGI no. 118:247-304 '65.

RUSSIA, NORTHWESTERN—RUNOFF

Synoptic conditions of the formation of annual flow of rivers of the northwest of the U.S.S.R. and the possibility of forecasting it. N. A. Aniskina. Trudy GGI no. 118:247-304 '65.

RUSSIA, NORTHWESTERN—SOIL MOISTURE

Methodology of determining reserves of productive moisture in a zone of excess moistening. N. G. Goryshina. Trudy GGO no. 180:103-110 '65.

RUSSIA, SOUTHERN—EROSION

Apparatus for studying splash erosion of soils. V. P. Kozlov. Pochvovedenie no. 8:115-116 Ag '65.

RUSSIA, SOUTHERN—GAS, NATURAL—GEOLOGY

Oil and gas potentials of the Kalmyk A.S.S.R., Astrakhan and Rostov Provinces. V. A. Bobukh. Trudy NILneftegaza no. 13:187-196 '65.

Prospects for finding oil and gas in the Volga-Don territory. B. R. Tokmachev and others. Trudy NILneftegaza no. 13:197-231 '65.

RUSSIA, SOUTHERN—GEOLOGY, STRUCTURAL

Development of the structure of the southeastern part of the Voronezh anticline. E. N. Baginskaya, D. N. Viktorov. Trudy NILneftegaza no. 13:111-123 '65. Main characteristics of the geomorphology and recent tectonics in the Volga-Don territory. A. F. Lukashova and others. Trudy NILneftegaza no. 13:171-186 '65.

RUSSIA, SOUTHERN—GEOMORPHOLOGY

Main characteristics of the geomorphology and recent tectonics in the Volga-Don territory. A. F. Lukashova and others. Trudy NILneftegaza no. 13:171-186 '65.

RUSSIA, SOUTHERN—HARVESTING MACHINERY

Grain harvesting machinery in the southeast. A. Koganov, A. Kononenko. Tekh. v sel'khoz. 25 no. 8:80-81 Ag '65.

RUSSIA, SOUTHERN—MONKEYS, FOSSIL

New finds of remnants of the bones of monkeys of the family Cercopithecidae on the southern territory of the European U.S.S.R. L. I. Alekseeva. Vop. ant. no. 16:129-134 '64.

RUSSIA, SOUTHERN—PETROLEUM GEOLOGY

Oil and gas potentials of the Kalmyk A.S.S.R., Astrakhan and Rostov Provinces. V. A. Bobukh. Trudy NILneftegaza no. 13:187-196 '65.

Prospects for finding oil and gas in the Volga-Don territory. B. R. Tokmachev and others. Trudy NILneftegaza no. 13:197-231 '65.

RUSSIAN DRAMA—HISTORY AND CRITICISM

Drama versus parables. L. Zhukhovitskii. Teatr 26 no. 9:13-20 S '65. Something secondary. A. Vialov. Teatr 26 no. 9:77-78 S '65. Time dictates! I. Vishnevskaya. Teatr 26 no. 9:90-95 S '65.

RUSSIAN GRAMMAR—STUDY AND TEACHING

Elementary course in grammar. N. S. Rozhdentsenskii. Nach. shkola 33 no. 8:82-89 Ag '65.

RUSSIAN LANGUAGE

Gorshkov, A. I. [History of literary Russian; a brief lecture course] Istoriia russkogo literaturnogo yazyka; kratkii kurs lekttsii. Izd. 3. Moskva, Vysshaya shkola, 1965. 193 p.

RUSSIAN LANGUAGE—AUDIO-VISUAL AIDS

Cards and working with them. L. G. Nadol'nina. Nach. shkola 33 no. 8:42-47 Ag '65.

RUSSIAN LANGUAGE—COMPARISON

Comparisons in F. M. Dostoevskii's novel "Crime and Punishment." A. A. Khidenshchik. Trudy Tbil. GU no. 88:235-244 '64.

RUSSIAN LANGUAGE—COMPOSITION AND EXERCISES

Kolosov, P. I., and T. A. Ladyzhenskaya, eds. [Speech development in Russian language lessons; in connection with the study of grammar and spelling] Razvitiye rechi na urokakh russkogo yazyka v svyazi s izucheniem grammatiki i pravopisaniia. Moskva, Prosveshchenie, 1965. 91 p.

RUSSIAN LANGUAGE—CONJUNCTIONS

Connectives in literary Russian of the 18th century. L. G. Khatlashvili. Trudy Tbil. GU no. 98:225-234 '64. Some instances of the use of the clauses "khochu (nado), chtoby", and "khochu (nado) plus an infinitive." N. I. Formanovskaya. Osh. po metod. prep. rus. yaz. no. 2: 59-74 '64.

RUSSIAN LANGUAGE—DIALECTS

(see also subdivision under Vologda Province) Standard for the comparative description of morphology in Russian dialects. S. V. Bromel, L. N. Bulatova. Vop. laz. 14 no. 4:74-79 JI-Ag '65.

RUSSIAN LANGUAGE—DICTIONARIES

Akademika nauk SSSR. Paleontologicheskii imenit. [Paleontological dictionary] Paleontologicheskii slovar'. Pod red. G. A. Beznosovoi i F. A. Zhurnavoi. Moskva, Nauka, 1965. 615 p.

Moscow. Voenno-akademika imeni M. V. Frunze. [Dictionary of basic military terms] Slovar' osnovnykh voennykh terminov. Moskva, Voenizdat, 1965. 247 p. (Biblioteka ofitsera)

RUSSIAN LANGUAGE—DICTIONARIES—ARABIC

Danilov, I. S., V. I. Ryzhkov, and M. G. Anisimov, comps. [Arabic-Russian and Russian-Arabic military dictionary] Arabiko-russkii i russko-arabskii voennyi slovar'. Pod red. I. S. Danilova. Moskva, Voenizdat, 1965. 704 p.

RUSSIAN LANGUAGE—DICTIONARIES—ARMENIAN

Cariblan, A. S., E. G. Ter-Minassian, and M. A. Gevorgyan, comps., eds. [Russian-Armenian and Armenian-Russian dictionary] Russko-armenianskii i armeniansko-russkii slovar'. Contains approximately 40,000 words most used in colloquial speech and in literature. Russko-armenianskii i armeniansko-russkii slovar'. Soderzhit okolo 40 000 slov, naibolee upotreblennykh v razgovornoi rechi i v literature. 2. dop. izd. Erevan, Armianskoe gos. izd-vo, 1960. 2 v. (WU)

RUSSIAN LANGUAGE—DICTIONARIES—GERMAN

Rufsch, Rudolf, ed. [Russian-German dictionary] Russisch-deutsches Wörterbuch. Leipzig, Veb Verlag Enzyklopädie [1963] 991 p.

RUSSIAN LANGUAGE—DICTIONARIES—PERSIAN

[Russian-Persian dictionary. 36,000 words] Russko-persidskii slovar'. 36 000 slov. Sost. I. K. Oshchinskaya, G. A. Futuglan i Sh. M. Radl. Pod red. A. A. Andriyevskaya i I. S. Peisakova. S prilozheniem kalkulyatsionnaya "Osnovnye russko-persidskie grammaticheskie sootvetstviya," sostavlennoye I. K. Oshchinskogo. Tbil. skva, Sovetskaya Entsiklopediya, 1965. 1091 p.

RUSSIAN LANGUAGE—DICTIONARIES—SERBO-CROATIAN

Poljanc, R. F., and S. M. Madutova-Poljanc, comps. [Russian-Serbo-Croatian dictionary] Russko-khorvatsko-serbskii slovar'. Zagreb, Skolska knjiga, 1963. xi, 808 p. (NN)

RUSSIAN LANGUAGE—DICTIONARIES—TABASSARAN

Gadzhiev, A. [Russian-Tabassaran school dictionary. 16,220 words] Russko-tabassarianskii shkolnyi slovar'. Red. B. Khaunagomedov. Slovar' modernizirov. 16,220 slov. Makhachkala, Dagrichpedgiz, 1957. 463 p.

RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES

On dictionary. Mezhdunar. yazyk 12 no. 10:110 O '65.

RUSSIAN LANGUAGE—GRAMMAR

Elementary grammar course. N. S. Rozhdentsenskii. Nach. shkola 33 no. 7:63-67 JI '65.

Principles of developing programs on Russian grammar. S. F. Zhukov. Sov. pedagog. 20 no. 6:10-23 Je '65.

Some grammatical-semantic categories of noun combinations in the genitive case having no preposition. R. G. Kokeledze. Trudy Tbil. GU no. 88:57-60 '64.

RUSSIAN LANGUAGE—GRAMMAR, COMPARATIVE

BAMBARA Possibilities of using the native language while studying Russian; based on material of the Mandingo dialects. I. V. Morokhov. Osh. po metod. prep. rus. yaz. no. 2:102-105 '64.

RUSSIAN LANGUAGE—GRAMMAR, COMPARATIVE—ENGLISH

Russian-English lexical comparisons. H. V. Vassilchuk. Osh. po metod. prep. rus. yaz. no. 2:3-30 '64.

RUSSIAN LANGUAGE—GRAMMAR, COMPARATIVE—GEORGIAN

Interrogative sentences in modern Russian and Georgian. L. K. Nishanidze. Trudy Tbil. GU no. 88:167-174 '64.

Meanings of some Russian prepositions and their equivalents in Georgian. I. I. Tsetsvadze. Trudy Tbil. GU no. 88:245-261 '64.

On the relativity of the degree of adjectives. R. G. Birkadze. Trudy Tbil. GU no. 90:25-33 '64.

Personal pronouns in modern Russian and Georgian. N. G. Mikadze. Trudy Tbil. GU no. 93:167-186 '64.

RUSSIAN LANGUAGE—GRAMMAR, HISTORICAL

Vasilenko, I. A. [Historical grammar of the Russian language; a collection of exercises] Istoriicheskaya grammatika russkogo yazyka, sbornik uprazhnenii. Izd. 2., 1sp. i dop. Moskva, Prosveshchenie, 1963. 208 p.

RUSSIAN LANGUAGE—MORPHOLOGY

Standard for the comparative description of morphology in Russian dialects. S. V. Bromel, L. N. Bulatova. Vop. laz. 14 no. 4:74-79 JI-Ag '65.

RUSSIAN LANGUAGE—NOUN

Use of nouns as secondary prepositions. T. S. Zhiginskii. Trudy Tbil. GU no. 90:300-314 '64.

RUSSIAN LANGUAGE—OLD RUSSIAN—CASE

History of the forms of the genitive, dative, and locative cases in the singular of feminine declensions in the Novgorod dialect. A. L. Miretskii. Vest. Lening. un. no. 14:134-142 '65.

RUSSIAN LANGUAGE—OLD RUSSIAN—SYNTAX

Expression of causal relations in the "Book of Annales." M. I. Mulikidzhanian. Trudy Tbil. GU no. 93:181-195 '64.

RUSSIAN LANGUAGE—OLD RUSSIAN—TERMS AND PHRASES

Interpretation of one phrase in the "Lay of the host of Igor." M. P. Chkhaldze. Trudy Tbil. GU no. 98:271-276 '64.

RUSSIAN LANGUAGE—PARTICIPLE

Stylistic usage of participles and participial constructions in M. Sholokhov's "Virgin Land upturned." P. K. Plakunov. Vest. LGU 20 no. 1:117-126 '65.

RUSSIAN LANGUAGE—PHONETICS

More on the origin of the Russian "akan'ye." V. I. Lytkin. Vop. iaz. 14 no. 1:44-52 Ji-Ag '65.

On some phonetic characteristics of the language of K. F. Ryleev. T. N. M. cvilishvili. Trudy Tbil. GU no. 98:167-180 '64.

RUSSIAN LANGUAGE—PREPOSITIONS

Use of nouns as secondary prepositions. T. S. Zhgenti. Trudy Tbil. GU no. 98:299-314 '64.

RUSSIAN LANGUAGE—SEMANTICS

Semantic phenomena in lexicon connected with book printing; based on the Russian and German languages. M. D. Feiler. Vest. LGU 20 no. 14:127-133 '65.

RUSSIAN LANGUAGE—SENTENCES

Developing the ability to construct sentences. I. V. Prokopovich. Nach shkola 33 no. 9:6-15 S '65.

Kapchevskaya, A. A. [Collection of texts on the subject "The complex sentence," a teacher's text] Sbornik tekstov po teme "Slozhnoe predlozhenie", posobie dlia uchitelia. Moskva, Prosveshchenie, 1965. 221 p. Simple sentences in the language of Belinskii. E. L. Kremer. Trudy Tbil. GU no. 98:119-126 '64.

RUSSIAN LANGUAGE—SLANG

Krestinsky, M. M., and B. P. Krestinsky, comps. [Concise dictionary of modern Russian slang] Kratki slovar' sovremenno russkogo zhargona. [Frankfurt/Main] Posev, 1965. 31 p.

RUSSIAN LANGUAGE—SPOKEN RUSSIAN

Let's bring the teaching of the spoken language closer to life. E. I. Slavkovskaya. Nach. shkola 33 no. 7:78-82 Ji '65. Oral exercises on one of the means of language development. M. M. Golceva. Osh po metod prep. rus. iaz. no. 2:121-140 '64.

RUSSIAN LANGUAGE—STUDY AND TEACHING

(see also subdivision under Moldavia) Dictations of vocabulary. N. I. Doroshenko, A. P. Kovali. Nach. shkola 33 no. 9:16-22 S '65.

Enriching the students' vocabulary in the course of their work with primers. A. P. Rybina. Nach. shkola 33 no. 9:22-24 S '65.

Mai'sova, K. V. [Written works in relation to literary reading in Russian in the national school] Pis'mennye raboty v sviazi s literaturnym chleniem na russkom iazyke v natsionalnoi shkole. Moskva, Uchpedgiz, 1951. 245 p. (Pedagogicheskaia biblioteka uchitelia) (CU)

Methods and forms of work furthering the development of listening habits and the taking of notes from lectures delivered in Russian. E. I. Molina. Osh. po metod. prep. rus. iaz. no. 2:141-155 '64.

On some problems of stylistic analysis. N. N. Kokhtev. Osh. po metod prep. rus. iaz. no. 2:166-176 '64.

Possibilities of using the native language while studying Russian; based on materials of the Mandingo dialects. I. V. Merkulov. Osh. po metod prep rus. iaz. no. 2:166-165 '64.

Preparing the first graders for dictation with comments. Z. I. Plinenova. Nach. shkola 33 no. 9:25-27 S '65. Some causes of speech errors. N. V. Kostromina. Nach. shkola 33 no. 7:83-85 Ji '65.

RUSSIAN LANGUAGE—STYLE

Archaisms and forms in A. N. Tolstoi's novel "Peter the Great." M. G. Chkhikvadze. Trudy Tbil. GU no. 98:277-290 '64.

On some problems of stylistic analysis. N. N. Kokhtev. Osh. po metod. prep. rus. iaz. no. 2:166-176 '64.

On the Russian language as an instrument of culture. V. V. Vinogradov. Trudy Tbil. GU no. 98:17-17 '64.

Remarks on phraseologic variants in literary Russian of the 19th century. V. V. Chedia. Trudy Tbil. GU no. 98:263-269 '64.

Simple sentences in the language of Belinskii. E. L. Kremer. Trudy Tbil. GU no. 98:119-126 '64.

Stylistic functions of detached attributes. N. E. Ebanidze. Trudy Tbil. GU no. 98:293-297 '64.

Stylistic usage of participles and participial constructions in M. Sholokhov's "Virgin Land upturned." P. K. Plakunov. Vest. LGU 20 no. 1:117-126 '65.

Words in novels. M. Bakhtin. Vop. lit. 9 no. 8:184-90 Ag '65.

RUSSIAN LANGUAGE—SYNONYMS AND ANTONYMS

Verbal synonyms in modern Russian. O. D. Mitrofanova. Osh. po metod. prep. rus. iaz. no. 2:31-58 '64.

RUSSIAN LANGUAGE—SYNTAX

Asyndetic complex sentences of uniform structure. V. I. Zhidko. Trudy Tbil. GU no. 98:35-42 '61.

Homonymy of word combinations in Russian. N. P. Kolesnikov. Trudy Tbil. GU no. 98:43-55 '64.

On optional and obligatory structures in syntax. E. A. Ivanchikova. Vop. iaz. 14 no. 5:81-94 S-O '65.

Some instances of the use of the clauses "khochu (nado), chtoby", and "khochu (nado) plus an infinitive." N. I. Formanovskaya. Osh. po metod prep. rus. iaz. no. 2:50-74 '64.

RUSSIAN LANGUAGE—TERMS AND PHRASES

Remarks on phraseologic variants in literary Russian of the 19th century. V. V. Chedia. Trudy Tbil. GU no. 98:263-269 '64.

Shcheglova, N. A. [Terminology of gun production in the 17th and 18th centuries; based on materials from written documents of the Tula region. Author's abstract of a dissertation for the degree of Candidate of Philological Sciences] Terminologicheskaya leksika oruzheino-zhelezodatel'nogo proizvodstva XVII-XVIII vekov; po materialam pamiatnikov pis'mennosti Tula'skogo kraia. Avtorferat dissertatsii na soiskanie uchenoj stepeni kandidata filologicheskikh nauk. Nauchn. rukovoditel' S. A. Kopylovskii. Moskva, Mosk. obl. pedagog. in-t, 1964. 26 p. [MICROFILM]

Use of objective and exact criteria for the description of possible word combinations. N. Z. Kotlova. Vop. iaz. 14 no. 4:53-64 Ji-Ag '65.

RUSSIAN LANGUAGE—VERB

Classification principles of verbs in modern Russian. S. V. Bromel. Vop. iaz. 14 no. 5:67-83 S-O '65.

An experiment in the analysis of verb meanings by their syntactic features (types of government). I. U. Apressian. Vop. iaz. 14 no. 5:51-68 S-O '65.

Verbal synonyms in modern Russian. O. D. Mitrofanova. Osh. po metod prep rus. iaz. no. 2:31-58 '64.

Work on reflexive verbs in groups having some preparation in Russian. M. M. Iasnova. Osh po metod. prep rus iaz no. 2:177-180 '64.

RUSSIAN LANGUAGE—VERSIFICATION

Kozhevnikova, V. V., comp. [Word and image] Slovo i obraz; sbornik statei. Moskva, Prosveshchenie, 1964. 286 p. (NIC)

RUSSIAN LANGUAGE—WORD ORDER

Work on word order in sentences in the beginning stage of studying Russian. S. V. Kologivova. Osh. po metod prep. rus. iaz. no. 2:175-90 '64.

RUSSIAN LANGUAGE—WORDS

Meaning of the term "samopal." L. I. Tarasuk. Vest. LGU 20 no. 14:152-156 '65.

On some changes in the lexical-semantic system of language. M. E. Kurdian. Trudy Tbil. GU no. 98:127-140 '64.

Some instances of the use of "tozhe" and "takzhe." N. N. Kovacheva. Osh. po metod. prep. rus. iaz. no. 2:91-107 '64.

System of work on sociopolitical vocabulary in lessons of the Russian language, the beginning stage of study. N. K. Venediktova. Osh po metod prep. rus iaz no. 2:108-120 '61.

RUSSIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Russian literature

RUSSIAN LITERATURE—HISTORY AND CRITICISM

(see also subdivision under Ural Mountain region) Akademika nauk SSSR. Institut russkoi literatury.

[Russian tales of the first third of the 18th century] Russkie povesti pervoi treti XVIII veka. Issledovanie i podgotovka tekstov G. N. Moisevol. Moskva, Nauka, 1965. 322 p. (NU)

"Erudite republic." E. Pokusaev. Vop. lit. 9 no. 9:216-217 S '61.

From the history of Russian romanticism; N. M. Karamzin's literary and theoretical opinions, 1787-1792. G. A. Vlashevskaya. Uch. zap. Kaz. un. 124 no. 6:26-106 '64.

Kovalev, V. A. [Diversity of styles in Soviet literature] Mnogooobrazie stil'v v sovetskoi literature. Moskva, Nauka, 1965. 130 p.

Kozhevnikova, V. V., comp. [Word and image] Slovo i obraz; sbornik statei. Moskva, Prosveshchenie, 1964. 286 p. (NIC)

Living methods or dead schemes? I. Arkh. Vop. lit. 9 no. 8:223-228 Ag '65.

On the road of academic methods. I. U. Surovtsev. Vop. lit. 9 no. 8:192-195 Ag '65.

Paradoxes of criticism. E. Osetrov. Vop. lit. 9 no. 8:3-24 Ag '65.

Personality of a writer is unique. Kornel Chukovskii. Vop. lit. 9 no. 8:144-152 Ag '65.

The problem "History of Russian classical literature and its international ties" is discussed in the Academic Council. O. A. Pini. Izv. AN SSSR. Ser. lit. i iaz. 24 no. 4:365-367 Ji-Ag '65.

Test of durability. A. Vlasenko. Oktabr' 42 no. 9:263-268 S '65.

Three actions; polemic remarks on love and literature. I. U. Rimkev. Vop. lit. 9 no. 9:25-47 Ag '65.

RUSSIAN LITERATURE—PERIODICALS

Prose and poetry in the Moscow periodicals of the 1760's, on the formation of sentimentalism. K. A. Nazaretskina. Uch. zap. Kaz. un. 124 no. 5:3-25 '64.

RUSSIAN NEWSPAPERS—INDEXES

[Chronicle of newspaper articles] Let. gazet. st. no. 9 '65.

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles] Let. zhur. st. nos. 39-41 '65. Vspomogatel'nye ukazately k nos. 14-20 za 1965 g.

RUSSIAN PLAIN see East European Plain

RUSSIAN PLATFORM—GEOLOGICAL TIME

Absolute age of some Upper Devonian alkali effusives in the southern part of the Russian Platform and the Northern Caucasus. G. D. Afanas'ev, V. I. Gon'chikova, V. P. Kozun. Izv. AN SSSR. Ser. geol. 30 no. 3:3-8 Ag '65.

RUSSIAN PLATFORM—GEOLOGY, STRATIGRAPHIC

Lithostratigraphic correlation of the Late Pre-Cambrian and Lower Cambrian of the Swietokryzskii Massif and the northwestern part of the Russian Platform. K. Lendzion, R. Mikhlin, A. Rozanov. Izv. AN SSSR. Ser. geol. 30 no. 8:85-96 Ag '65.

RUSSIAN PLATFORM—GEOLOGY, STRUCTURAL

One regularity of the formation of negative structural elements in the southeastern part of the Russian Platform and the cis-Ural trough at the geomorphological stage of their development. S. K. Gordov. Dokl. AN SSSR 164 no. 2:395-398 S '65.

RUSSIAN POETRY—HISTORY AND CRITICISM

"Days" and years of poetry. V. Petsovskii. Vop. lit. 9 no. 9:25-45 S '65.

Nechayev, E. E., F. S. Shkulev, and A. M. Gmyrev. [At the sources of Russian proletarian poetry] U istokov russkoi proletarskoi poezii. Vstup. stat'ia A. M. Blkh-tera. Biograficheskie spravki, podgotovka teksta I. prum. R. A. Shatevov I O. E. Afonin. Moskva, Sovetskii pisatel', 1965. 450 p. (Biblioteka poeta. Bol'shaya seriya. 2. izd.)

Riznychenko, T. N. [In the new poetic orbits] Na novykh poeticheskikh orbitakh. Kyiv, Naukova dumka, 1965. 101 p. (NU)

Russian symbolism as appraised by G. V. Plekhanov. G. P. Semanova. Vest. LGU 20 no. 14:83-84 '65.

To the reader of poetry. A. Marchenko. Vop. lit. 9 no. 9:230-231 S '65.

RUSSIAN POETRY—TRANSLATIONS INTO AZERBAIJANI

Some problems in the translation of A. S. Pushkin's novel "Evgenii Onegin" into Turkic languages, by example of the novel as translated into Azerbaijani. Z. Gasanov. Vest. LGU 20 no. 14:95-105 '65.

RUSSIAN SATELLITES see Communist countries

RUSSIAN SOCIAL DEMOCRATIC PARTY

Rostov-na-Donu. Finansovo-ekonomicheskii institut. Kafedra istorii KPSS i rossiiskii. [80th anniversary of the Second Congress of the Russian Social Democratic Workers' Party; a collection of scientific articles] 60-letie Vtorogo s'ezda RSDRP; sbornik nauchnykh statei. Rostov-na-Donu, Finansovo-ekon. in-t, 1963. 147 p. (MI)

RUSSIAN SOCIAL DEMOCRATIC PARTY—CONGRESSES

Rossiiskaa sotsial-demokraticheskaa rabochaiia partiia. S'ezd, 24. Brussels and London, 1902. [Second session of the Russian Social Democratic Workers' Party, July-August 1903; minutes] Vtoroi s'ezd RSDRP Iul'-avgust 1903 goda; protokoly. Moskva, In-t marksizma-leninizma, 1959. xx, 850 p. (NN)

RUSSO-JAPANESE BORDER CONFLICTS, 1932-1941

Border troops assume the offensive. V. Platonov, A. Bulatov. Yoen.-ia. zhur. 7 no. 8:11-16 Ag '65.

RUSTS (FUNGI)

Physiological heterogeneity of the uredolesporas of stem rust. V. A. Topolovskii, I. U. V. Perunskii. Vest. sel'-khoz. nauki [Kazakh.] 9 no. 8:110-111 Ag '65.

RUTHENIA see Transcarpathia

RUTHENIUM

Electrochemical preparation of electrolytes for iridium and ruthenium plating. I. P. Vladimirova, T. N. Zagrebelskaya. L. I. Kadanev. Mashinostroyenie no. 5:84-85 S-O '65.

3740

SANATORIUMS—DESIGN AND CONSTRUCTION

Typical illustrations of standard designing. IU I cheskiy. Sum, prof. 21 no 14-21-26 O '65

SAND see subdivision under Amn Darya Valley

SAND, FOUNDRY

Machine for the magnetic separation of used sand mixtures. V. P. Panteleev, Lit. proizv. no. 3 30 Mh '64.

Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ya. [Industry's requirements as to the quality of mineral raw materials, a handbook for geologists.] Trubovaniya promyshlennosti k kachestvu mineral'nogo syr'ya, spravochnik dlia geologov, Izd. 2, peier, Moskva, Nedra, No. 8, Chernovitskiy, IU, L. [Molding materials.] Formirovaniye materialy, Nauch. ied. S.A. Kuzhikov, 1965, 62 p.

Operative control of the quality of core sand mixtures. A. P. Nikiforov, IU. P. Vasin, Lit. proizv. no. 3-40-41 Mr '64.

Planetary method of reclaiming waste sand. I. G. Konstantinov, Lit. proizv. no. 3-2-5 Mr '64.

Quick hardening molding sand mixtures. M. A. Bablik, N. L. Rodina, Lit. proizv. no. 3 35 Mr '64.

SAND AND GRAVEL INDUSTRY

Nikolai Aleksandrovich Shevnikov, an excavator operator and honored construction worker of the R. S. F. S. R. I. B. Nemtsov. Stroi. mat. 11 no 8 6 Ag '65

SAND-LIME PRODUCTS

Planned indices of a sand-lime products enterprise were exceeded. P. P. Bortulits, Stroi. mat. 11 no 8 7 Ag '65.

SANDBARS

Causes of the planetary distribution of coastal bars. O. K. Leonov, I. G. Nikiforov. Okeanologiya 5 no 4 653-661 '65.

SANDSTONE—TESTING

Investigating the breaking of sandstone as applicable to actuating mechanisms on cater-loaders reinforced with impregnated diamond fragments. A. F. Kikhin and others. Izv. vyz. ucheb. zav. i gor. zhur. 8 no. 7: 135-139 '65.

SANDWICH CONSTRUCTION

Stability of the bonding of covering with filler in sandwich constructions. R. M. Kondratenko. Izv. vyz. ucheb. zav. i gor. zhur. 7 no. 3: 14-150 '65.

SANDY SOILS see subdivision under Nogay Steppe

SANITARY ENGINEERING—EQUIPMENT AND SUPPLIES

Economic efficiency of the use of plastics in the manufacture of sanitary engineering wares. I. A. Lavin, V. A. Kirillina. Plast. massy no. 8-45-47 '65.

SANTAYANA, GEORGE, 1863-1952

Problem of values and the philosophy of "critical realism" of G. Santayana. D. M. Lukinov. Uch. zap. Kaf. obshchestv. nauk. 6 no. 2: 204-216 '65

SAPONIFICATION

Using the chemical and spectral analysis methods in studying the process of alkali saponification of polyacrylate. P. I. Sadov, P. V. Mikhailov, IU. V. Glazkovskii, Izv. vyz. ucheb. zav. i tekhn. tekhn. prom. no. 4: 91-97 '65.

SAPONINS—PHYSIOLOGICAL EFFECT

Effect of saponins from the Japanese angelica tree on the electric activity of the brain. S. I. A. Sokolov. Biol. eksp. biol. i med. 60 no. 8: 73-77 Ag '65.

SAPROPEL

Tomlin, E. D., and A. I. Pomin. [Sapropele, its winning and use in agriculture.] Sapropele, ego dobycha i ispol'zovanie v sel'skom khoziaistve. [Aizoslavl'] Veiknno-Volzhskoe knizhnoe izd-vo, 1964, 100 p. (DNA)

SAPRYKIN, IVAN NIKOLAEVICH, 1925-1965

I. N. Saprykin; obituary. Mlek. sta. 36 no. 9: 93 S '65.

SAPUNOV, NIKOLAI NIKOLAEVICH, 1880-1912

Alpatov, M. V., and E. A. Gunst. Nikolai Nikolaevich Sapunov. Moskva, Iskustvo, 1965. 46 p. plates.

SARAN (KAZAKHISTAN)—COAL MINES AND MINING

Complete with the best. G. Nochevnev. Prii. zhizni' no. 18: 38-41 S '65.

SARATOV—CANCER—MORTALITY

Recorded morbidity and mortality from cancer among the population of Saratov. I. I. Biserov. Vop. onk. 11 no. 9: 102-104 '65.

SARATOV—DISABILITY EVALUATION

Community council assists them. V. Davidovich, O. Khramova. Sots. obshch. 26 no. 9: 28-29 S '65

SARATOV PROVINCE—LIBRARIES

Support of party organizations. V. Chernykh. Bibliotekar' 13 no. 9: 5-8 S '65

SARATOV PROVINCE—LIBRARY SCHOOLS AND TRAINING

Equal to the best. N. Nikiforova. Bibliotekar' 13 no. 9: 5-5 S '65.

Improve your skills. I. Kuznetsov. Bibliotekar' 13 no. 9: 52-53 S '65.

SARATOV PROVINCE—SORGHUM

Wood control in sweet sorghum fields using herbicides of the triazine type. G. A. Matvienko. Khim. v sel'khoz. 3 no. 8: 43-45 Ag '65.

SARY-ARKA REGION (KAZAKHISTAN)—PASTURES AND MEADOWS

Studying local wild forage grasses in the south of Sary-arka. O. N. Galiev. Vest. sel'khoz. nauki [Kazakh] 8 no. 9: 101-12 S '65

SATELLITES, ARTIFICIAL see Artificial satellites

SATIRE

Satire in opera. IU. Ob'edov. Sov. muz. 29 no. 8: 30-33 Ag '65

SATIRE, UKRAINIAN

From the history of Ukrainian satire and humor. F. Sholom. Vop. lit. i no. 9: 212-214 S '65.

SATKA (CHELYABINSK PROVINCE)—LEGAL AID

Legal counselling in our plant as a community service. N. Borevinskikh. Sov. iust. 29 no. 16: 25 Ag '65

SAUREL see subdivision under Atlantic Ocean

SAVING AND INVESTMENT see subdivision under United States

SAVINGS BANKS see subdivision under Hungary, Narva (Estonia), Syr Darya Province

SAVINGS BANKS—CONGRESSES

Conference of savings banks managers. Den. i kred. 23 no. 9: 93-94 S '65.

SAYAK MOUNTAIN REGION—CALCITE

Role of dislocations with a break in continuity in the formation of island spin deposits in the Sayak syncline. N. I. Kulkashev, V. I. Fomichev. Vest. AN Kazakh SSR 21 no. 9: 68-73 S '65.

SAYAN MOUNTAINS—ENCEPHALITIS

Participation of lesser mammals in the epizootiological process of a tick-borne encephalitis focus. S. K. Ustinov. Zool. zhur. 11 no. 7: 1079-1081 '65

SAYAN MOUNTAINS—KERATOPHYTES

Spilite-keratophyte formation in the Western Sayan Mountains. V. V. Velinskii. Geol. i geofiz. no. 7: 27-42 '65.

SAYAN MOUNTAINS—MOSESSES

Basic characteristics of the moss flora of the Eastern Sayan Mountains. L. V. Bardunov. Izv. SO AN SSSR no. 8: Ser. biol.-med. nauk no. 2: 10-16 '65.

SAYAN MOUNTAINS—PHOSPHORITES

Phosphorites of the Altai-Sayan fold area. IU. F. Shmel'kov, G. A. Obolenskaya. Lit. i pol. iskop. no. 4: 161-181 Ji-Ag '65.

SAYAN MOUNTAINS—PINE

Characteristics of the biology of the Siberian pine flowering in the Western Sayan Mountains. A. N. Nikolaeva. Izv. SO AN SSSR no. 8: Ser. biol.-med. nauk no. 2: 76-80 '65.

SAYAN MOUNTAINS—ROCKS—DENSITY

Density characteristics of some metamorphic and igneous formations in the Eastern Sayan Mountains. I. A. Pavlov, L. M. Parfenov. Geol. i geofiz. no. 7: 105-108 '65.

SAYAN MOUNTAINS—RODENTS AS CARRIERS OF DISEASE

Participation of lesser mammals in the epizootiological process of a tick-borne encephalitis focus. S. K. Ustinov. Zool. zhur. 44 no. 7: 1079-1081 '65.

SAYAN MOUNTAINS—SPILITES

Spilite-keratophyte formation in the Western Sayan Mountains. V. V. Velinskii. Geol. i geofiz. no. 7: 27-42 '65.

SCAB DISEASE IN SHEEP see subdivision under Alay District

SCALE INSECTS—PARASITES see Parasites—Scale insects

SCALES (WEIGHING INSTRUMENTS)

Using the LTM-1 automatic scales in stationary belt conveyors. V. A. Morozov. Biol. i tekhn. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 18 no. 7: 50-52 Ji '65

SCALP—INNERVATION

Special cells in the composition of hair receptors. G. I. Timashova. Nauch. trudy Kaz. gos. med. inst. 14: 200-200 '64.

SCANDIUM see subdivision under Karelia

SCANDIUM BORIDES—THERMAL PROPERTIES

Chemical and thermal stability of scandium borides. M. D. Litvin, Z. S. Akinina. Izv. AN SSSR, Neorg. mat. 1 no. 7: 1039-1043 Ji '65.

SCATTERING (PHYSICS)

Matrix for calculating the backscatter coefficient. K. S. Shifrin, I. L. Zel'manovich. Trudy GOO no. 170: 61-70 '65

Motion of the poles of the quantum mechanical partial amplitude in the complex plane of the coupling constant. IU. M. Lomandze, I. V. Kalmica, I. M. Shuba. Izv. vyz. ucheb. zav. i fiz. 8 no. 3: 88-91 '65.

Scattering of Dirac particles in an external central field with allowance for radiation corrections. V. D. Kamenetskii. Izv. vyz. ucheb. zav. i fiz. 8 no. 3: 35-41 '65.

Study of the nonrelativistic quantum theory of particle scattering. V. D. Kamenetskii. Izv. vyz. ucheb. zav. i fiz. 8 no. 3: 101-104 '65.

SCELIONIDAE

Materials on parasitic hymenoptera of the subfamilies Teleasinae and Telenominae (Hymenoptera, Scelionidae) in the U. S. S. R. M. A. Kozlov. Ent. oboz. 11 no. 3: 816-821 '65.

SCENE PAINTING—EXHIBITIONS

When an artist comes to the children. V. Beterkin. Trudi 26 no. 9: 129-130 S '65

SCHEDULING (MANAGEMENT)

Systems of network planning and management in developing complex objects. IU. A. Avdeev, A. P. Nikolaeva. Ryb. khoz. 41 no. 7: 73-75 '65.

Use of network schedules in planning within workshops. L. Ignatova, O. Manushina. Plan. khoz. 42 no. 9: 47-52 S '65.

SCHIFF BASES

Structure of Schiff's bases of N-arylpyridines. A. P. Terent'ev, M. A. Volodina, V. A. Kudrinskaya. Dokl. AN SSSR 164 no. 1: 115-118 S '65.

Study in the series of azomethine bases. Part 2. Effect of conjugation in molecules of diazomethine derivatives of certain aromatic diamines on their color and fluorescence. B. M. Krasovitskii, N. I. Mal'tseva, R. N. Nurmukhametov. Ukr. khim. zhur. 31 no. 6: 920-934 '65.

Synthesis and properties of polymeric Schiff bases. IU. A. Popov and others. Vysokom. speed. 7 no. 5: 835-842 My '65

SCHETS

Popular knowledge of dam construction without using plans and gravel. N. I. Kravtchenko. Izv. Onak. old. Geog. ob-va no. 6: 127-128 '64.

SCHIZOMYCETES

Nucleotide composition of the streptomycin-resistant *Erythra carotovora* f. citrullis. L. S. Fedorova. Antibiotiki 10 no. 9: 840-841 S '65.

SCHIZOPHRENIA

Approbation of a variation of the methodology for the thematic apperception test. N. K. Krasnichenko. Trudy Gos. nauch.-issl. inst. psikh. 43: 213-218 '65.

Atypical forms of remission in schizophrenia in late periods of the disease. N. M. Zharikov. Probl. sud. psikh. no. 13: 243-253 '62.

Changes in some allergic indices in the treatment of schizophrenia patients. IU. A. P'inskii. Probl. sud. psikh. no. 13: 74-81 '62.

Changes in the emotionally-volitional sphere in schizophrenia patients with psychogenic recurrences of the disease, clinical pathopsychological study. N. F. Dement'eva. Trudy Gos. nauch.-issl. inst. psikh. 43: 120-138 '65.

Changes in vegetative functions in schizophrenia patients during the process of treatment with insulin shock combined with aminazine. E. S. Arutunov. Zhur. nevr. i psikh. 65 no. 2: 283-287 '65.

SCHIZOPHRENIA (Continued)

- Characteristics of disorders of thinking in patients with the paranoid variant of paranoid schizophrenia, clinical psychological study E. V. Trukhan Trudy Gos. nauch.-issl. inst. psikh. 43 194-206 '65
- Characteristics of the clinical aspects and social adaptation in patients with the paranoid form of schizophrenia with a slowly developing pathological process, M. F. Tal'tse Probl. sud. psikh. no 13 155-167 '62
- Characteristics of the methodological ways for studying disorders of cognitive processes in schizophrenia, I. U. I. Poliak, Trudy Gos. nauch.-issl. inst. psikh. 43 269-273 '65
- Characteristics of the process of attention in schizophrenia in relation to the treatment with insulin and neuroleptics, G. L. Sharashidze, Trudy Gos. nauch.-issl. inst. psikh. 43 110-116 '65
- Clinical and physiological analysis of some emotional disorders in schizophrenia patients, V. A. Ivanuk, Probl. sud. psikh. no 13 106-119 '62
- Clinical biochemical examinations of schizophrenia patients in the process of reserpine therapy, L. I. Lando, I. U. B. Muller, Trudy Gos. nauch.-issl. inst. psikh. 42 111-128 '65
- Clinical evaluation of the course of schizophrenia and other neuropsychic diseases in patients with specific antibody in the blood, S. F. Serenov and others, Probl. sud. psikh. no 13 5-18 '62
- Clinical immunological parallels in acute manifestations of schizophrenia V. S. Glebov, Probl. sud. psikh. no 13 45-57 '62
- Clinical psychological characteristics of patients with a slowly developing paranoid schizophrenia, I. G. Urakov, Trudy Gos. nauch.-issl. inst. psikh. 43 97-103 '65
- Clinical psychological examination of patients with the common form of schizophrenia, E. N. Koroleva, Trudy Gos. nauch.-issl. inst. psikh. 43 104-109 '65
- Combined cefedrine and reserpine treatment of schizophrenia patients, E. L. Kaganova, Trudy Gos. nauch.-issl. inst. psikh. 42 97-104 '65
- Comparative electroencephalographic characteristics of patients with pirofischizophrenia and patients with noncomplicated malignant schizophrenia E. I. Korshinova, Zhur. nev. i psikh. 65 no 2 263-267 '65
- Comparative evaluation of amine and serpal on the state of the vegetative nervous system in schizophrenia R. F. Kabanova, Probl. sud. psikh. no 13 221-226 '62
- Comparison of clinical and electrophysiological data in schizophrenia with a prolonged course and manifestations of a defect, D. R. Luts, I. M. Feigenburg, Probl. sud. psikh. no 13 92-105 '62
- Dependence of the effectiveness of the treatment of schizophrenia patients on the duration of insulin coma, I. U. P. Chergel'shvil, Probl. sud. psikh. no 13 237-242 '62
- Disorders of depth perception in schizophrenia patients, A. G. Katraeva, Probl. sud. psikh. no 13 136-143 '62
- Dynamics of blood serum proteins in the early stages of schizophrenia V. S. Glebov, Probl. sud. psikh. no 13 58-73 '62
- Dynamics of the blood pressure in the brachial, temporal and central retinal arteries in schizophrenia patients during the process of treatment G. I. Lisitsa, Zhur. nev. i psikh. 65 no 2, 273-277 '65
- Effect of a course of treatment with amine on regional blood circulation in schizophrenia patients, G. V. Noschenko, Zhur. nev. i psikh. 65 no 2, 268-272 '65
- Effect of atelazine on the mental state and course of cholinergic processes in the organism of schizophrenics, A. I. Valeev, E. A. Kogan, E. S. Stankevich, Nauch. trudy Kaz. gos. med. inst. 14 381-382 '64
- Effect of the blood serum of schizophrenia patients on the electrical activity of the brain in experimental animals, Report No 2 Study on the blood serum of patients with the nuclear forms of schizophrenia, V. A. Faivishevskii, A. V. Nemtsov, Zhur. nev. i psikh. 65 no 2 247-250 '65
- Evaluation and utilization of data from experimental psychological studies on patients with schizophrenia following influenza, E. L. Makutova, Trudy Gos. nauch.-issl. inst. psikh. 43 149-158 '65
- Evaluation of remissions (following a schizophrenic process) in prisoners, V. S. Krasuskii, Probl. sud. psikh. no 13 254-265 '62
- Explosive variation of pseudopsychotic defective states in schizophrenia, O. E. Freierov, Probl. sud. psikh. no 13 194-207 '62
- First results, of the combined use of tofranil (imizin) and shock doses of insulin for the treatment of schizophrenia with a dysmorphic syndrome, M. V. Korikina, Probl. sud. psikh. no 13 229-238 '62
- Forensic psychiatric expertise in slowly developing schizophrenia, F. B. Kondrat'ev, Sud.-med. eksp. 8 no 3 44-49 JI-S '65
- Hysterical reactions in schizophrenia and their dynamics in connection with the treatment, S. P. Pozdnakova, Probl. sud. psikh. no 13 208-220 '62
- Mechanism of the therapeutic action of reserpine in schizophrenia, I. U. A. Tirkel'taub, Trudy Gos. nauch.-issl. inst. psikh. 42 139-149 '65

- Methodologies for studying the characteristics of the perception of speech V. P. Kritskaya, Trudy Gos. nauch.-issl. inst. psikh. 13 295-303 '65
- Methodology for studying the characteristics of visual perception under conditions of inadequate information, E. I. Bogdanov, Trudy Gos. nauch.-issl. inst. psikh. 43 279-287 '65
- Methodology for the study of some characteristics of the process of visual perception, I. U. V. Ivanov, Trudy Gos. nauch.-issl. inst. psikh. 13 274-278 '65
- Normal and pathological forms of compensation in thinking disorders in schizophrenia, E. S. Stankevich, Nauch. trudy Kaz. gos. med. inst. 14 551-552 '64
- Pirofischizophrenia, Report No. 2, V. L. Shenderova, Zhur. nev. i psikh. 65 no 2 256-262 '65
- Polysographic study of the blood serum of schizophrenia patients, I. U. I. Vishniak, A. I. Krasnova, Zhur. nev. i psikh. 65 no 2 251-255 '65
- Problem of obsessive states originating in the initial period of the schizophrenic process, N. D. Lakosina, Probl. sud. psikh. no 13 178-182 '62
- Reversibility of speech disorders in late stages of schizophrenia, A. B. Savitskaya, Trudy Gos. nauch.-issl. inst. psikh. 43 139-148 '65
- Some indices on the reactivity of the body in patients with schizophrenia, I. A. el-Sheikh Bakhtin, Zhur. nev. i psikh. 65 no 2 211-216 '65
- Some results of the use of hevonin in insulin therapy of schizophrenia with prolonged course, B. M. Kutsanok, V. E. Pelipas, Zhur. nev. i psikh. 65 no 2 288-290 '65
- Treatment with reserpine of schizophrenia patients with the verbal hallucinosis syndrome, O. P. Vertogradova, Trudy Gos. nauch.-issl. inst. psikh. 42 105-110 '65
- Use of reserpine combined with amine for the treatment of schizophrenia with a chronic unfavorable course, G. M. Kurapova, I. A. I. Chekhovich, Trudy Gos. nauch.-issl. inst. psikh. 42 84-96 '65
- Variation of the methodology for studying the process of comparison in schizophrenia, T. K. Molevko, Trudy Gos. nauch.-issl. inst. psikh. 43 286-291 '65

SCHIZOPHRENICS—CARE AND TREATMENT

- Experience with occupational and psychopharmacological therapy of chronic schizophrenia under conditions of a psychoneurological outpatient clinic, P. V. Sychev, Zhur. nev. i psikh. 65 no 2 201-205 '65

SCHOOL CAMPS see subdivision under Moscow Province

SCHOOL EXCURSIONS

- Increasing the efficiency of school excursions, L. N. Tiegubova, Nauch. shkola 33 no 9 42-44 S '65

SCHOOL GARDENS

- Apple nursery in a school, A. P. Demidova, Nauch. shkola 33 no 7 48-51 JI '65

SCHOOL LIBRARIES

- Everything for education, E. V. Iaina, Biblioteka: 13 no 9 39 S '65
- Together with the school, L. Pastukhova, Biblioteka: 13 no 9 37-38 S '65

SCHOOL MANAGEMENT AND ORGANIZATION

- Dorokhova, G. A. [Administration of public education in the U.S.S.R.] Upravlenie narodnym obrazovaniem v SSSR, Moskva, Iuridicheskaya literatura, 1965, 177 p.

SCHOOL MUSIC—CONGRESSES

- Development of an ear for music and the singing voice in children, O. Apraksina, N. Veltugina, Sov. pedagog. 29 no 6 152-154 Je '65

SCHOOL MUSIC—INSTRUCTION AND STUDY

- Musical literacy in schools, L. I. Gavrilova, Nauch. shkola 33 no 9 52-57 S '65

SCHOOL SUPERVISION

- (see also subdivision under Ukraine)
- In our group, T. Leneva, Doshk. voap. 38 no 8 82-83 Ag '65
- Specialist on methods should have methodological work, V. G. Pogrebkov, Sred. spets. obr. 12 no 8 23-25 Ag '65

SCHOOLHOUSES

- Let's introduce community control over the building of kindergartens, V. Lenskii, Doshk. voap. 38 no 8 83-84 Ag '65

SCHWETZER, ALBERT, 1875-1905

- Development of the principle "reverence for life" in the philosophical and ethical doctrine of A. Schwetzer, V. A. Petriskii, Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., Filos. no 6 183-190 '65

SCIENCE

- Lukashov, K. I., and V. K. Lukashov. [Science discloses the mysteries of nature] Nauka razkryvaet tajny prirody. Minsk, Nauka i tekhnika, 1965, 159 p.

- N. K. Krupskaya and I. P. Pavlov on the dissemination of science, unpublished documents, E. S. Kulshak, Vest. AN SSSR 35 no 9 117-118 '65

SCIENCE—CONGRESSES

- Scientific Conference of the Moscow Engineering and Physical Institute, V. V. Prolov, Atom. energ. 19 no 3 314-316 S '65

SCIENCE—EXPERIMENTS

- Vil'nyatskiy, M. D. [Experiment in modern science] Eksp'eriment v n'uchastii nauch. Kiyv, Naukova dumka, 1965, 73 p. (Naukovo-populnna literatura)

SCIENCE—INFORMATION SERVICES

- Basic principles in the organization of science and technology sections at the science and technology information centers, G. G. Iatsenko, NTI no 6 11-16 '65

- Mikhailov, A. I., A. I. Chernyi, and R. S. Giliarevskii. [Principles of scientific information] Osnovy nauchnoi informatsii, Moskva, Nauka, 1965, 654 p.

SCIENCE—METHODOLOGY

- Akademii nauk SSSR, Institut istorii estestvoznaniia i tekhniki. [Contradictions in the development of natural science] Protivopolozhna v razvitiu estestvoznaniia Moskva, Nauka, 1965, 361 p. (Zakonomernosti razvitiia nauki)

- Historical materialism and the individual sciences, I. I. Grekov, Vop. filos. 10 no 9 169-171 '65

- Leningrad, Universitet. [Some problems of the methodology of research] Nekotorye voprosy metodologii nauchnogo issledovaniia, [Leningrad] 1965- (Ned)

SCIENCE—PHILOSOPHY

- Basic objectives of the research on the philosophical problems of the physicomathematical sciences (physics, astronomy, chemistry), Vop. filos. 19 no 9 169-171 '65

- Possibilities of a unified theory, D. Ivanenko, Izv. vuz. ucheb. zav., fil. 0 no 3 5-10 '65

- The problem of revolution in the history of science, I. A. Markova, Vop. filos. 10 no 9 178-182 '65

SCIENCE AND ART see Art and science

SCIENCE AND LITERATURE see Literature and science

SCIENCE AND RELIGION see Religion and science

SCIENTIFIC EXPEDITIONS see subdivision under Expeditions

SCINTILLATION COUNTERS

- Construction of large scintillation counters with a single photoelectric multiplier, T. A. Igolov and others, Izv. AN SSSR, Ser. fiz. 29 no 9 1788-1790 B '65
- Graduation of EM-6 scintillation electrometers with Pu²³⁹ preparations, V. K. Tikhov, Vop. rad. geofiz. no 5 120-130 '65

SCINTILLATION SPECTROMETRY

- Experience in using threshold spectrometry on the surface, V. I. Shtatov, Vop. rad. geofiz. no 5 131-139 '65
- Transformation of a spectrogram gamma-ray spectra into true energy spectra, V. A. Artyushov, G. A. Ivanukovich, Vop. rad. geofiz. no 5 63-67 '65

SCLEROTINIA—EXTERMINATION

- Chemical methods for suppressing soil infection by the agent of sunflower rot (Sclerotinia libellula), A. I. Lukashovich, Khim. v uol'khov. 3 no 6 22-25 Ag '65

SCORPION FISHES see subdivision under Newfoundland

SCRAP METAL INDUSTRY—EQUIPMENT AND SUPPLIES

- Investigating forces acting in a baling press chamber, S. F. Chukmanov and others, Kuz.-stann. prom. 7 no 8 23-26 Ag '65
- Labor productivity in plants operating ram impact machines, A. Genesin, V. Kirsh, Metallurg 10 no 9 22-23 S '65

SCRAP METALS

- Mechanization of the removal and conveying of scrap metals, V. A. Korolev, K. A. Kikievich, Mekh. i avtom. proizv. 10 no 7 119-124 JI '65
- Reprocessing scrap metals, S. D. Skomarovskii, A. T. Shipulin, Biol. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 18 no 7 56-57 JI '65

SCRAP METALS—STATISTICS

- Resources in ferrous scrap metal and their use in the U. S. S. R., A. A. Tsvetaev and others, Short. trad. TSNIICM no 45 104-171 '65

SCRAPERS—RELIABILITY

- Increase of the reliability and longevity of the D-357G scraper, L. K. Voitch, B. I. Smirnov, Stroitel. dor. mash. 10 no 8 11-12 Ag '65

SCREEN PROCESS PRINTING

Zolika, S.F., and L.A. Kalnin'. [Stencilling] *Trafaret-naia pechat'*. Moskva, Izd-vo "Kniga," 1965. 134 p. (Biblioteka poligrafista)

SCREW-CUTTING MACHINES

Economic evaluation of the productivity and precision of modernized universal screw-cutting lathes. N.L. Zaitsev. *Mekh i avtom. proizv.* 16 no. 9:27-30 S '65.
Modernization of the 1A62, 1D62M, 1D24 screw-cutting lathes. N.T. Shpuntov. *Stan. i instri.* 36 no. 8:39-40 Ag '65.

SCRUBBER (CHEMICAL TECHNOLOGY)

Studying the decomposition of acetylene and the flame passage through a packed scrubber at low pressures. S.M. Kogarko, A.G. Iumlin, V.A. Mikhailov. *Khim. prom.* 11 no. 8:621-625 Ag '65.

SCRUBBER (CHEMICAL TECHNOLOGY)—DESIGN AND CONSTRUCTION

Use of a multibubble turbulent foam scrubber for cleaning converter gases. F.E. Dubinskii, M.M. Zaitsev. *Stal'* 25 no. 9:861-866 S '65.

SEA BIRDS

Role of sea birds in transmitting radioactive substances from the sea onto the land. O.G. Mironov. *Okeanologiya* 5 no. 4:716-717 '65.

SEA ICE

(see also subdivision 'Ice' under Arctic Ocean, Atlantic Ocean, Baltic Sea, Okhotsk, Sea of)
Effect of the height of the above-water part of floes on the accuracy of determining the ice compaction. B.V. Larin. *Okeanologiya* 5 no. 4:727-733 '65.
Summary of methods of calculating the drift and compactness of ice in the sea. V.N. Iakovlev. *Trudy TSIP* no. 146:107-110 '65.

SEA ICE—ANALYSIS

Salt composition of sea water and ice. L.K. Blinov. *Trudy GOIN* no. 03:5-65 '65.

SEA ICE—TESTING

Determination of stresses and strength of fast ice by bending caused by water level fluctuations. I.U.V. Tarbeev. *Trudy GOIN* no. 86:124-143 '65.

SEA LEVEL see subdivision under Black Sea

SEALING (TECHNOLOGY)

Sealing oil and gas gathering systems. N.M. Baikov, E.I. Mamunov, D.K. Shapovalov. *Nefteprom, delo* no. 8:24-28 '65.

SEALS (ANIMALS) see subdivision under Tyuleniy Island

SEAMEN—EDUCATION AND TRAINING see subdivision under Kamchatka

SEAWATER

Chemical analysis of the neutralization of acid solutions using sea water. K.K. Zelenov and others. *Izv. vuzov ucheb. zav., geol. i inzh.* 8 no. 9:120-123 S '65.
Operation of steam turbine condensers on seawater. N.M. Gumenchuk, G.M. Pokor'. *Energ. i elektrotekh. prom.* no. 3:61-62 Ji-S '65.

SEAWATER—ANALYSIS

Possibilities of using gel filtration in chemical oceanography. K.M. Khallov, Z.P. Burdakova. *Okeanologiya* 5 no. 4:730-740 '65.

SEAWATER—COMPOSITION

(see also subdivision under Aral Sea; Azov, Sea of; Barents Sea, Kuban River Estuary; Riga, Gulf of; Southern Bug River Estuary; Western Dvina River Estuary)

Main factors in the formation of the diurnal regime of oxygen in the surface layers of coastal waters. A.I. Simonov. *Trudy GOIN* no. 83:66-71 '65.

Content of suspended organic matter in the surface layer of sea waters. A.P. Ostropov, R.Z. Kovalevskaya. *Okeanologiya* 5 no. 4:648-652 '65.

Salt composition of sea water and ice. L.K. Blinov. *Trudy GOIN* no. 03:5-65 '65.

SEAWATER—DENSITY see subdivision under Atlantic Ocean

SEAWATER—ELECTRIC PROPERTIES

Recording turbulent fluctuations in the electric conductivity of seawater. G.G. Khudzhin, G.N. Kristoforov. *Okeanologiya* 5 no. 4:734-739 '65.

SEAWATER, DISTILLATION OF

Use of ferric chloride as a scale preventing additive in seawater evaporators. G. Lukin. *Mor. flot* 24 no. 8:24-25 Ag '64.

SECOND BAKU—BITUMEN—GEOLOGY

Moscow. Institut geologii i razrabotki gornuchikh isopachnykh. [General principles of the formation of the bituminous series based on the example of the Volga-Ural province] *Obshchie printsipy formirovaniya bituminoznykh svit na primere Volga-Ural'skoi provintsi.* Moskva, Nauka, 1965. 201 p.

SECOND BAKU—GAS, NATURAL—GEOLOGY

Moscow. Institut geologii i razrabotki gornuchikh isopachnykh. [General principles of the formation of the bituminous series based on the example of the Volga-Ural province] *Obshchie printsipy formirovaniya bituminoznykh svit na primere Volga-Ural'skoi provintsi.* Moskva, Nauka, 1965. 201 p.

SECOND BAKU—MINERALS

Characteristics of the mineral composition of the detrital material of the Lower Carboniferous terrigenous rocks in the Volga-Ural region. E.T. Gerasimova, N.G. Latypov. *Dokl. AN SSSR* 164 no. 1:183-186 S '65.

SECOND BAKU—PETROLEUM—ANALYSIS

Causes responsible for the changes in the composition of oils from the terrigenous oil- and gas-bearing complexes of the Volga-Ural region. M.M. Grachevskii, A.N. Guseva, L.A. Palgunov. *Izv. AN SSSR, Ser. geol.* 30 no. 8:76-81 Ag '65.

SECOND BAKU—PETROLEUM GEOLOGY

Moscow. Institut geologii i razrabotki gornuchikh isopachnykh. [General principles of the formation of the bituminous series based on the example of the Volga-Ural province] *Obshchie printsipy formirovaniya bituminoznykh svit na primere Volga-Ural'skoi provintsi.* Moskva, Nauka, 1965. 201 p.

SECOND BAKU—ROCKS, SEDIMENTARY—ANALYSIS

Characteristics of the mineral composition of the detrital material of the Lower Carboniferous terrigenous rocks in the Volga-Ural region. E.T. Gerasimova, N.G. Latypov. *Dokl. AN SSSR* 164 no. 1:183-186 S '65.

SECURITY, INTERNATIONAL

The military technological revolution and international security. I. G. Ishenko. *Nov. vrem.* 23 no. 42:3-5 O '65.

SEDATIVES

Effectiveness of neuroplegic preparations in the compound treatment of toxic forms of acute gastrointestinal diseases and pneumonia in very young children. V.P. Davydov, G.G. Nazarenko, G.T. Khairagdzian. *Sov. med.* 26 no. 6:75-79 Ag '65.
Russk. med. zh. no. 7:76-84 '65.

SEDGES see subdivision under Vorakla Valley

SEDIMENTARY ROCKS see Rocks, Sedimentary

SEDIMENTATION ANALYSIS

Study of the polydispersity of copolymers by the fractionation method. A.D. Litmanovich, V.A. Shtern. *Vysokomol. soed.* 7 no. 0:1332-1334 Ag '65.

SEDIMENTATION AND DEPOSITION

(see also subdivision under Don River Estuary, Lena River Estuary; Samur Valley; Ukraine)
Izraelson, G.S. [Influence of volcanism on sedimentation] *Vilaniye vulkanizma na obrazovanie osadkov.* Moskva, Nedra, 1965. 152 p.
Problems of the dynamics of the surf zone. A.I.A. Shvartsmann. *Trudy GGI* no. 12:91-101 '65.
Some characteristics of sedimentation in the littoral zone of the sea. E.N. Nevenchik. *Lit. i pol. iskop.* no. 4:85-104 Ji-Ag '65.

Stratification theory. A.B. Vistelius, T.S. Feigel'son. *Dokl. AN SSSR* 164 no. 1:158-160 S '65.

Theory of an apparatus for recording the movement of coarse sediment. N.I.A. Solov'ev. *Trudy GGI* no. 12:111-124 '65.

Transporting power of turbulent streams and the deformation of a channel in bound soils. I.F. Karashev. *Trudy GGI* no. 12:455-460 '65.

Turbulence of channel streams. V.M. Mekhnyshev. *Trudy GGI* no. 12:440-454 '65.

SEED PRODUCTION

(see also subdivision under Estonia)

Effectiveness of intervarietal transpollination for the production of red clover seeds. A.G. Ten. *Agrobiologiya* 5 no. 5:898-899 S-O '65.

Use of the cytoplasmic male sterility of onions for the production of hybrid seeds in the northern part of the Volga-Akhstaba Floodplain. K.B. Orlova. *Dokl. Akad. sel'khoz. nauk* no. 8:8-10 Ag '65.

SEEDS

Role of oxidation in the senescence and death of seeds. A.N. Sutulov. *Biol. Glav. bot. suda* no. 57:53-60 '65.

SEEDS—CLEANING

Effect of the preparation of seed for sowing on the yield of buckwheat. I.N. Ilagin. *Dokl. Akad. sel'khoz. nauk* no. 5:15-17 My '65.

Multipurpose seed cleaning machine. N. Grabel'kovskii. *Tekhn. v sel'khoz.* 25 no. 8:57-59 Ag '65.

SEEDS—STRATIFICATION

Effect of stratification on the germination of subtropical plant seeds. T.V. Iakimova. *Biol. Glav. bot. suda* no. 57:91-97 '65.

SEEDS, EFFECT OF GAMMA RAYS ON

Factors of radiosensitivity of plants following γ -irradiation. D.M. Grodzinskii, N.I. Blizina, O.P. Golikova. *Radiobiologiya* 5 no. 4:596-601 '65.

Lipidase activity in γ -irradiated seeds. A.M. Kuzin, A.S. Merkulov. *Radiobiologiya* 5 no. 4:571-575 '65.

SEEDS, EFFECT OF NEUTRONS ON

Deamination of adenine in DNA of seeds subjected to the action of fast neutrons. V.I. Tokarskaya. *Radiobiologiya* 5 no. 4:568-570 '65.

SEEDS, EFFECT OF SUCCINIC ACID ON

Effect of treating seeds with tartaric and succinic acids before sowing on the productivity, ripening, and chemical composition of silage sorgo. I.P. Grinberg. *Agrobiologiya* 5 no. 8:94-102 S '65.

SEEDS, EFFECT OF TARTARIC ACID ON

Effect of treating seeds with tartaric and succinic acids before sowing on the productivity, ripening, and chemical composition of silage sorgo. I.P. Grinberg. *Agrobiologiya* 5 no. 8:94-102 S '65.

SEEDS, EFFECT OF TRACE ELEMENTS ON

Effect of individual trace element fertilizers on the yield of alfalfa and sainfoin seeds. K.I. Naumov, V.I. Zhari-nov. *Khim. v sel'khoz.* 3 no. 8:13-14 Ag '65.

SEISMIC PROSPECTING

(see also subdivision under Armenia; Avacha Volcano region; Caspian Sea region; Caucasus, Northern; Karmazur Mountains; Nakhichevan A.S.S.R.; Volgograd Province)

Absorption properties of water-saturated and oil- and gas-saturated reservoirs. V.A. Gararin, O.I. Rogara, F.M. Sibgatullina. *Prikl. geofiz.* no. 14:90-111 '65.
Checking the identity of the channels of seismic prospecting stations under laboratory conditions. G.V. Neizva. *Razved. geofiz.* no. 5:21-26 '65.

Determining the corrections on the depth of charge immersion and registering the explosion moment in seismic logging observations. P.M. Ikhmanov, N.A. Ikhgof. *Razved. geofiz.* no. 5:15-20 '65.

Determining the direction of the source of excitation of elastic vibrations. A.B. Bektemirov, V.A. Glodzen-skii, E.P. Vishniakov. *Razved. geofiz.* no. 4:3-10 '65.

Evaluation of the sources of errors in the reflection method. Part 1. E.A. Kozlov. *Prikl. geofiz.* no. 44:3-14 '65.

Evaluation of the sources of errors in the reflection method. Part 2. F.A. Kozlov, V.N. Rudnev. *Prikl. geofiz.* no. 44:15-24 '65.

Interference waves on Neogene fields, counter-measures, possibilities of their utilization. V.I. Rikhter. *Razved. geofiz.* no. 4:18-36 '65.

Method of determining the mean velocity from the time values at four points of intersecting isochronographs of refracted waves. Zh.A. Latypov. *Vest. AN Kazakh. SSR* 21 no. 0:51-60 S '65.

Particular problem of the reduction of lateral reflecting elements in a cross-sectional plane. V.I. Meshbel. *Prikl. geofiz.* no. 44:81-88 '65.

Belkovich, G.Y., and T.Z. Verbitskii. [Studying the elastic properties of porous geological media containing liquids] *Issledovanie uprugikh svoystv poristyykh geologicheskikh sred, soderzhashchikh zhidkosti.* Klov, Naukova dumka, 1965. 74 p.

Some possibilities of the statistical processing of the kinematic parameters of reflected waves. E.F. Zemtsov. *Razved. geofiz.* no. 5:3-11 '65.

Using amplitude curves of reversed microseismic logging for the selection of the optimal conditions for excitation. E.V. Kokorin. *Razved. geofiz.* no. 5:27-29 '65.

SEISMIC PROSPECTING—EQUIPMENT AND SUPPLIES

Apparatus for automatic interpretation on the basis of the statistical method of signal emission. I.I. Iankovskii. *Geofiz. prib.* no. 20:25-26 '64.

Apparatus for regional seismic studies in regions difficult to reach. I.S. Chichikina. *Geofiz. prib.* no. 19:3-7 '64.

Calculation of the characteristics of electric delay lines for seismic prospecting apparatus. A.I. Shukovskii, V.I.U. Iugansk. *Prikl. geofiz.* no. 44:25-43 '65.

Effect of the nonlinearity of a sweep on the reading error in oscillographic measurements. A.I. Sapetkin, G.N. Griezmin. *Geofiz. prib.* no. 20:83-87 '64.

SEISMIC PROSPECTING—EQUIPMENT AND SUPPLIES (Continued)

- Errors in registering the explosion moment V. I. Merkulov, A. A. Klen' Razved geol., no. 5:30-32 '65.
Stabilization system of the angular velocity of an electric motor. IU P. Koloskov. Geofiz. prib. no. 7:1-82 '64.
Structural design of microseismic apparatus. S. A. Nazaryni. Geofiz. prib. no. 20:26-30 '64.

SEISMIC PROSPECTING—LABOR PRODUCTIVITY

- Increasing labor productivity in seismic prospecting based on the introduction of surface booms V. L. Kuznetsov, V. A. Kondrakhov, L. L. Ruvinskii. Razved. geofiz. no. 5:33-36 '65.

SEISMIC WAVES

- (see also subdivision under Turkmenistan, West Siberian Plain)
Determination of the group velocities of surface waves. E. F. Savarenshii, Sh. S. Raghimov, S. S. Agazade. Seism. issl. no. 6:77-83 '65.
Long-period Rayleigh waves in the earth's mantle. D. I. Sifimulidze, A. M. Atkhedashvili. Soob. AN Gruz. SSR 35 no. 2:288-294 My '65.
Some Pnematic characteristics of refracted waves A. G. Averbukh. Prikl. geofiz. no. 41:79-83 '65.

SEISMOLOGY see subdivision under Africa, Baltic Shield, Skopje region, Yugoslavia

SEISMOMETERS

- Calculation of the constants of the electrodynamic seismograph in the case of complete identification V. A. Perepelitsa. Geofiz. prib. no. 6:131-135 '65.
Information on movements in microseismic waves. E. M. Lunkov, V. P. Tripolnikov. Seism. issl. no. 6:48-59 '65.
Phase characteristics of an electrodynamic seismic detector mounted on the ground, taking into account the effect of the input circuit of the amplifier. M. K. Polshkov. Prikl. geofiz. no. 41:14-18 '65.
Some problems in theoretical and experimental studies of marine seismic apparatus. V. F. Gurevich. Prikl. geofiz. no. 11:49-56 '65.
Theoretical study of the principal parameters and properties of a piezoseismographic channel. S. P. Vartanov. Prikl. geofiz. no. 11:59-78 '65.

SELENITES

- Solubility and thermodynamic properties of lithium and strontium selenites Z. L. Ieshchinskaya, M. A. Averbukh, N. M. Selivanova. Zhur. fiz. khim. 39 no. 8:2036-2038 Ag '65.

SELENITES—SPECTRA

- Anomalous chemical shifts and conformation of cyclic esters of sulfurous and selenous acids IU. U. Samitov. Dokl. AN SSSR 164 no. 2:347-350 S '65.

SELENITES—THERMODYNAMICS

- Standard isobaric potentials of selenite formation E. A. Buketov. Vest. AN Kazakh SSR 22 no. 8:30-35 Ag '65.
Rapid method of decomposition of copper electrolyte slimes for the determination of selenium and tellurium E. A. Buketov, M. Zh. Makhmetov, Z. I. Gromakova. Izv. AN Kazakh. SSR, Ser. khim. nauk 15 no. 2:41-44 Pp-Je '65.

SELENIUM—ELECTRIC PROPERTIES

- Stabilization of the conductivity of vitreous selenium. M. E. Mosli, Z. U. Boisova. Vest. LGU 20 no. 16:147-150 '65.

SELENIUM—SPECTRA

- Spectral distribution of the internal photoeffect in hexagonal selenium at a low temperature. B. T. Kolomolets, V. G. Romanov, P. K. Khodosevich. Fiz. tver. tela 7 no. 8:2534-2535 Ag '65.

SELENIUM CRYSTALS—SPECTRA

- Dependence of the self-absorption edge of selenium single crystals on pressure. V. J. Krifachina, M. P. Mikhailevich, A. J. Silikva. Fiz. tver. tela 7 no. 8:2571-2573 Ag '65.

SELENIUM IN THE BODY

- Biological role of selenium and its distribution in the organs and tissues of animals A. A. Kudriavtsev and others. Dokl. Akad. sei'khoz. nauk no. 7:20-24 JI '65.

SELF-GOVERNMENT (IN EDUCATION)

- Student self-government in Soviet schools (1917-1923). S. A. Chernik. Sov. pedagog. 20 no. 8:115-124 S '65.

SELF-RELIANCE

- Assert yourself by action. Igoi' Kon. Mol. komm. no. 9:19-19 S '65.

- Do I like myself? T. Afanas'eva. Mol. komm. no. 8:31-37 '65.

SEMI-PRESERVATION

- Effect of some antibacterial substances on the microflora, viability, and fertilizing properties of herd bull semen F. M. Krasnov. Dokl. Akad. sei'khoz. nauk no. 5:29-31 My '65.
Improvement of refrigerating apparatus. T. I. Ostashko, M. I. Lopatko. Veterinarnii 42 no. 7:101-106 JI '65.

SEMICARBAZIDE

- Effect of semicarbazide and hydroxylamine on the rate of P³² incorporation into nucleic acids of the rabbit brain. Zh. A. Chiribabian. Vop. biohim. mor. 1:151-162 '61.

SEMICONDUCTOR DIODES see Diodes, Semiconductor

SEMICONDUCTORS

- Change of the character of chemical bonds in compounds of magnesium with Si, Ge, Sn, Pb during their melting. V. M. Glazov, N. N. Gileoleva. Izv. AN SSSR Neorg. mat. 1 no. 7:1079-1085 JI '65.
Effect of the plate current drop rate on the recovery of the peak inverse anode voltage of semiconductor devices A. A. Sakovich, D. P. Brunshtein, IU. M. Dinkov. Elektrotehnika 36 no. 9:37-41 S '65.
New types of mine battery chargers with semiconductor rectifiers. S. A. Volodkovskii and others. Izv. vys. ucheb. zav. gor. bui. 8 no. 7:161-166 '65.
Preparation of solid solutions InAs_xFe_{1-x} of constant composition along the length of the ingot IA. A. Ugal and others. Izv. AN SSSR Neorg. mat. 1 no. 7:1104-1108 JI '65.
Role of dislocation in the process of formation of a compound by pressure welding with heating of a metal with semiconductor. IU. L. Krasulin, V. D. Ivanov, L. M. Kruglov. Izv. AN SSSR, Neorg. mat. 1 no. 7:1090-1087 JI '65.
Some steady-state processes in the system semiconductor - electrolyte solution. R. R. Dogonadze, A. M. Kuznetsov. Elektrotehnika 1 no. 8:1009-1011 Ag '65.
Study of gold alloyed natural surface of germanium V. E. Primachenko, O. V. Snitko, E. P. Matsas. Radiotekh. i elektron. 10 no. 9:1733-1735 S '65.
Theory of the electroacoustical effect in n-Ga and n-Si-type semiconductors S. V. Gantsevich, V. L. Gurevich. Fiz. tver. tela 7 no. 8:2100-2112 Ag '65.
Voltampere characteristics of alloyed p-n junctions in InAs D. N. Nasledov, N. N. Smirnova, S. V. Slobodchikov. Radiotekh. i elektron. 10 no. 9:1707-1709 S '65.

SEMICONDUCTORS—ACOUSTIC PROPERTIES

- Electron-phonon interaction, proportional to an externally applied field, and the amplification of sound in semiconductors. S. I. Bekar. Zhur. eksp. i teoi. fiz. 49 no. 2:621-629 Ag '65.

SEMICONDUCTORS—ELECTRIC PROPERTIES

- Anisotropic effect of interelectron scattering on the conductivity of semiconductors with an ellipsoidal isoelectronic surface. I. M. Dyfman, P. M. Tomchuk. Fiz. tver. tela 7 no. 8:2288-2308 Ag '65.

SEMICONDUCTORS—SPECTRA

- Effect of an electric field, illumination, and adsorbed molecules on the spectra of a condensed photo-e.m.f. in TiI₂, AgBr, and ZnO. I. A. Akimov. Dokl. AN SSSR 164 no. 3:533-536 S '65.

SEMICONDUCTORS—THERMAL PROPERTIES

- Effect of active impurities on the thermal expansion of silicon. S. I. Novikova. Fiz. tver. tela 7 no. 8:2493-2495 Ag '65.

SEMIOTICS

- First book on semiotics. A. A. Anisot'ev. Vop. filos. 19 no. 9:171-175 '65.
The subject matter of semiotics A. A. Vetrov. Vop. filos. 19 no. 9:57-67 '65.

SEMPALATINSK—COURTS

- Improve the style and methods of work of the organs of the procuracy, the court, and the police. M. Karpenko. Sots. zakon. 42 no. 8:7-10 Ag '65.

SEMPALATINSK—POLICE

- Improve the style and methods of work of the organs of the procuracy, the court, and the police. M. Karpenko. Sots. zakon. 42 no. 8:7-10 Ag '65.

SEMPALATINSK—PUBLIC PROSECUTORS

- Improve the style and methods of work of the organs of the procuracy, the court, and the police. M. Karpenko. Sots. zakon. 42 no. 8:7-10 Ag '65.

SEMIRECH'YE—POTTERY

- The glazed pottery of Semirech'ye. K. Balpakov. Vest. AN Kazakh. SSR 21 no. 9:77-81 S '65.

SEMITIC LANGUAGES—GRAMMAR, COMPARATIVE Konferentsiia po semitskimazykam, 1st, 1964, [The Semitic languages, materials] Semitskieazyki, materialy. Moskva, Nauka. No. 2, Pt. 2, 1965. 771 p.

SENSE ORGANS—FISHES

- Plolassov, V. R. [Bioacoustics of fishes] Bioakustika ryb. Moskva, Nauka, 1965. 200 p.

SENSITOMETRY, PHOTOGRAPHIC see Photographic sensitometry

SENTENCES (CRIMINAL PROCEDURE)

- (see also subdivision under Ukraine)
Guarantees of the right of an innocent person to rehabilitation under criminal procedure. V. M. Savitskii. Sov. gos. i pravo 35 no. 9:18-26 S '65.
Is a record of the sentenced needed? S. Steplech, Sov. zakon. 42 no. 9:14-18 S '65.

SENTIMENTALISM IN LITERATURE

- Poetry and poetry in the Moscow periodicals of the 1760's, on the formation of sentimentalism K. A. Nazarenko. Uch. zap. Kaz. un. 121 no. 5:3-25 '61.

SEPARATORS (MACHINES)

- (see also subdivision under Malkop Gas Field)
Using hydrocyclones for removing sand and boulders from light-weight muds. N. M. Shervintsev, G. A. Deduchko, G. N. Potanov. Shoi. nauch.-tekhn. inform. Azerb. inst. nauch.-tekhn. inform. Ser. Neft. prom. no. 6:68-78 '63.

SEPHADAX

- Increase in auxin-oxidase enzyme activity by purification with gel Sephadex G75. N. N. Dmitrieva, T. A. Krupnikova. Dokl. AN SSSR 164 no. 1:205-207 S '65.
Purification of interferon by chromatography on sephadex KM. N. V. Pukidova and others. Antibiotiki 10 no. 8:713-717 Ag '65.

SEPULCHRAL MONUMENTS see subdivision under Turkmenistan

SEQUENCES (MATHEMATICS)

- Characteristic functionals for random sequences. N. N. Vakhaniia. Trudy Vych. isent. AN Gruz. SSR 5:5-32 '65.
Regular transformations of multiple sequences M. I. Timan. Uch. zap. Kaz. un. 121 no. 6:299-307 '64.

SERBENTA, VITALII ANDREEVICH, 1895-

- Vitalii Andreevich Serbenta, on his 70th birthday K. I. Patnenka. Vest. AN SSSR, Ser. hram. nau. no. 3:127-129 '65.

SERBIAN FOLK POETRY see Folk poetry, Serbian

SERFDOM see subdivision under Tver Province

SERGEYEV-TSENKII, SERGEI NIKOLAEVICH, 1876- 1958

- Reminiscences S. N. Sergeyev-Tsenskii. Oktabr' 42 no. 9:210-220 S '65.

SERIES

- Power series. S. I. Dergachev. Trudy Chel. gos. ped. inst. 2:132-144 '64.
Representation of an arbitrary analytic function by special series. V. Kh. Muskhelishvili. Dokl. AN SSSR 164 no. 1:43-47 S '65.
Series in Hammett's system. P. L. Ushakov. Vest. Mosk. un. Ser. I. Mat., mekh. 20 no. 4:35-43 JI-Ag '65.
Summation of double series by Hölder's methods. A. M. Slepnevich. Izv. vys. ucheb. zav. i mat. no. 4:128-131 '65.
Summation of the product of two series using Voronoi's methods. M. F. Polivanova. Mat. sbor. 68 no. 1:128-147 S '65.

SERIES, DIRICHLET'S

- The density hypothesis for Dirichlet L-series. A. I. Vinogradov. Izv. AN SSSR, Ser. mat. 29 no. 4:933-934 '65.
Dirichlet series with a nonmeasurable sequence of complex indices. G. L. Lunts. Mat. sbor. 68 no. 1:58-62 S '65.
Representation of arbitrary functions by Dirichlet series. A. F. Leont'ev. Dokl. AN SSSR 164 no. 1:40-42 S '65.

SERIES, ORTHOGONAL

- The Men'shov-Rademacher theorem for double orthogonal series Sh. P. Pandzhakidze. Soob. AN Gruz. SSR 39 no. 2:277-282 Ag '65.

SERINE

- C¹⁴-labelled serine metabolism in experimental leukemia. O. K. Khanykova, E. I. Zharova, M. O. Rauschenko. Med. rad. 9 no. 11:49-54 N '64.
Complex formation of zinc and cadmium with serine in aqueous solutions. V. D. Parnafik, L. B. Kotova. Ukr. khim. zhur. 31 no. 8:846-850 '65.
Synthesis of methyl ester of O-(β-D-galactofuranosyl)-L-serine. N. K. Kochetkov and others. Izv. AN SSSR, Ser. khim. no. 9:1698-1699 '65.

SERNOVODSK-KAZAKHSTAN (KAZAKHSTAN)—BATHS, MEDICATED

Effect of sulfide baths at Sernovodsk-Kazakhskiy on the cardiovascular system. A. S. Gadzhiluliev. Vop. kur., fizioter., lech. fiz. kul't. 28 no. 4:366 JI-Ag '64.

SEROLOGY

Comparative immunobiological characteristics of normal tissue antibodies. M. S. Lomakin, S. S. Feiglitman, L. L. Khudanova. Biol. eksp. biol. i med. 60 no. 8 92-98 Ag '65.

Obtaining antineoplastic sera in the immunization of animals by means of tumor cells fixed from connective tissue stroma. I. U. A. Urmanov. Biol. eksp. biol. i med. 60 no. 8 99-109 Ag '65.

Specificity of the passive hemagglutination reaction in the neutralization of antibodies in plague. V. I. Veinblat. Lab. delo no. 9:518-551 '65.

Use of wide-necked vacuum bottles for the inoculation of sera. M. A. Shilankovich. Lab. delo no. 8:505-506 '65.

Variability of the serological properties of salmonella under the effect of antibiotics. I. U. B. Popov. Antibiotiki 10 no. 8:712-714 Ag '65.

SEROTONIN

Effect of 5-oxytryptamine (serotonin) on blood pressure and respiration. R. R. Kufarbekian. Izv. AN Arm. SSR. Biol. nauki 18 no. 6 3-13 Je '65.

Serpentinites see subdivision under Georgia

SERUM

Correlation between some morphological and cytochemical reactions of the spleen and peripheral blood in guinea pigs to intravenous introduction of leucocytic serum. A. V. Buladov, M. G. Skurakina. Biol. eksp. biol. i med. 60 no. 8 49-53 Ag '65.

Effect of monomycin on preventive properties of the serum. G. A. Shkarin, A. A. Navasarian. Izv. AN Arm. SSR. Biol. nauki 18 no. 8:56-60 Ag '65.

Effect of the blood serum of patients with rheumatic fever on the permeability of capillaries of the skin in rabbits. N. N. Nitiikhina. Pat. fiziol. i eksp. terap. 9 no. 4:32-38 JI-Ag '65.

Experimental endocarditis induced by injection of streptococci and endocarditis in normal horse serum in rabbits and rats. A. I. Geltsik. Pat. fiziol. i eksp. terap. 9 no. 4:32-38 JI-Ag '65.

Reactivation of influenza virus from neutral complex with immune sera. M. Kh. Salavat, Kh. Zh. Zhumatov. Izv. AN Kazakh. SSR. Ser. Biol. nauk 1 no. 3 17-18 My-Je '65.

Some mechanisms of disorders in the activity of skeletal muscles in serum allergy. I. M. Rakhmatullin. Nauch. trudy Kaz. gos. med. inst. 11 271-272 '64.

Study of the specificity of cytotoxic serum by the tissue culture method. L. I. Baichuk, Pat. fiziol. i eksp. terap. 9 no. 4:38-43 JI-Ag '65.

SERUM—PHYSIOLOGICAL EFFECT

Effect of the blood serum of schizophrenic patients on the electrical activity of the brain in experimental animals. Report No. 2: Study on the blood serum of patients with the nuclear forms of schizophrenia. V. A. Pavlovskii, A. V. Nigmatov. Zhur. nev. i psikh. 65 no. 2:247-250 '65.

SERUM DIAGNOSIS

Complement uptake reaction as a test for the detection of antipeptic complement-fixing antibodies in liver diseases. I. U. Romanuk. Zhur. mikrobiol., epid. i immun. 42 no. 8:84-87 Ag '65.

Diagnosis of Aujeszky's disease by the method of diffuse precipitation reaction in agar gel. P. M. Buzylev, I. U. Fomin. Veterinariia 42 no. 7:18-19 JI '65.

Diagnosis of immune thrombopenia by the method of utilizing antiglobulin serum. M. I. Konevskaya. Trudy TSU 77:80-81 '65.

Droplet method of the indirect hemagglutination reaction with the ulemia antigen. G. A. Bama, R. L. Kolkova. Zhur. mikrobiol., epid. i immun. 42 no. 8:50-53 Ag '65.

Experience in the diagnosis of diseases caused by Mycoplasma pneumoniae. N. M. Porubinovskaya, M. S. Zakharova, M. A. Furman. Vest. AMN SSR 20 no. 8: 82-88 '65.

Results of the immobilization reaction of Treponema pallidum by means of dried sera. V. Rozkals. Trudy TSU 78:51-54 '65.

Serologic diagnosis of listeriosis. Report No. 2: Dynamics of agglutination titers and complement-fixing antibodies in experimental listeriosis in pregnant and nonpregnant rabbits. A. P. Egorova. Zhur. mikrobiol., epid. i immun. 42 no. 8:107-111 Ag '65.

Significance of clinical and serological indices for the diagnosis of adenovirus diseases in young children. N. L. Trivna. Trudy TSU 78:3-7 '65.

Significance of serological reactions and allergy tests in the diagnosis of candidiasis. E. A. Sidakova, A. I. Kyachevskaya. Zhur. mikrobiol., epid. i immun. 42 no. 8:117 Ag '65.

Standardization of the indirect hemagglutination reaction in listeriosis. I. V. Stakhiv. Lab. delo no. 9:511-518 '65.

Value of the heterohemagglutination reaction in Botkin's disease. A. V. Belousov, T. S. Isakova. Lab. delo no. 9:511-553 '65.

SERUM THERAPY

Antigenic structure of the toxins of Clostridium botulinum type C isolated in the U.S.S.R. T. I. Bulatova, K. I. Matveyev. Zhur. mikrobiol., epid. i immun. 42 no. 8:79-84 Ag '65.

Protective role of cytotoxins in experimental uranum nephritis in rats. G. M. Vaksberg. Pat. fiziol. i eksp. terap. 9 no. 4:27-31 JI-Ag '65.

Service industries see subdivision under Georgia, Kazakhstan, Kiev Province, Ukraine

SERVICE INDUSTRIES—FINANCE

Put the development of the service industries under the unremitting control of financial organs. M. Roze, A. Shuvalov. Fin. SSR 39 no. 9:29-31 S '65.

SERVICE INDUSTRIES—PRICES

Prices for services. Sh. Turetskii. Plan. Khoz. 42 no. 10:9-17 O '65.

SERVICE STATIONS—DESIGN AND CONSTRUCTION

Standard design for service stations. I. B. Piltman. Transp. i khann. nefli i nefteprod. no. 8:14-15 '65.

Suggestions on design changes for service stations. K. I. Kirushkin, A. V. Artemov. Transp. i khann. nefli i nefteprod. no. 7:27-29 '65.

SERVOMECHANISMS

Determination of the transfer functions of asynchronous indicators with hollow nonmagnetic rotors. I. N. Biriulia, A. D. Gorbachev. Izv. vuz. ucheb. zav. i eneg. 8 no. 7:33-39 JI '65.

Optimization of nonlinear servomechanisms of gyroscopic devices. A. V. Reptikov. Trudy MAI no. 161:98-106 '65.

Study of the performance of air gaps and reactive moments of an angular displacement transformer. M. A. Tyryshkin. Elektricheskoe no. 8:84-87 Ag '65.

SET (PSYCHOLOGY)

Khodzhaeva, Z. I. [Assimilative illusion and the basic law of the change of set. Assimilativnaya illuziia i osnovnoi zakon smeny ustanovki. Tbilisi, Metsnereba] 1964. 173 p. [In Georgian]

SEVAN, LAKE—HYDROLOGY

Using the statistical test method in establishing the water balance of Lake Sevan. K. A. Vardazarian. Izv. AN Arm. SSR. Ser. tekhn. nauk 18 no. 4:57-60 '65.

SEVASTOPOL—NAVAL EDUCATION

Training future officers in revolutionary and military traditions. M. I. Bazarov. Mor. sbor. 48 no. 10:10-15 O '65.

SEVASTOPOL—PUBLIC PROSECUTIONS

Correct assignment and training of personnel is a guarantee of success in work. N. Nosenko. Sov. zakon, 12 no. 9:68-69 S '65.

SEVERNAYA DVINA see Northern Dvina River

SEVIN

Some problems of the harmful effect of sevin on the sexual function in laboratory animals. V. I. Vashakidze. Soob. AN Gruz. SSR 39 no. 2:471-474 Ag '65.

SEWAGE—PURIFICATION

(see also subdivision under Ukraine)

Kolobanov, S. K. [Design and calculation of biological filters]. Proektirovaniye i raschet biologicheskikh fil'trov. Kiev, Izd-vo inzh. i tekhn. 1965. 25 p. (Biblioteka inzhenera-santekhnika)

SEWER DESIGN

Closed shield tunneling in the construction of sewers. M. M. Akhmetov, S. A. Marshak. Prom. stroi. 43 no. 9:37-49 '65.

SEWING MACHINES

Attachment to the Class 27 button machine for the sewing of buttons with cyclo end. L. I. Kessel'man, H. K. Knoch. Leh. prom. no. 3:77 JI-S '65.

Some systems for the programmed control of semiautomatic machinery in the clothing industry. A. G. Shchud'ko, Shevch. prom. no. 3:23-27 My-Je '65.

SEX

Cytologic determination of the sex in examining parts of corpses recovered from water, experimental study. E. S. Ral'nikova. Sud. med. eksp. 8 no. 3:15-20 JI-S '65.

Some problems of the harmful effect of sevin on the sexual function in laboratory animals. V. I. Vashakidze. Soob. AN Gruz. SSR 39 no. 2:471-474 Ag '65.

State of sexual functions following treatment of cancer of the cervix uteri. T. P. Chen-Maitransaeva. Vop. onk. 11 no. 9:10-21 '65.

SEX HORMONES see Hormones, Sex

SEX IN PLANTS see Plants, Sex in

SHAD see subdivision under Caspian Sea, Volga River

SHADR, IVAN DMITRIYEVICH, 1887-1941

Shadr, I. D., I. D. Shadr. [By] I. D. Kolpinskiy. Moskva, Sovetskii khudozhnik [1964] 102 p. illus. [In Russian, German, French, and English]

SHAFT SINKING

(see also subdivision under Donetsk Basin)

Economic efficiency of using cable guide. P. A. Aptekhar, V. P. Koshkin. Shakh. stroi. 9 no. 10:9-17 O '65.

Experimental studies of certain mechanical standard systems for controlling the verticality of mine shafts. B. I. Leibenzon. Trudy TSNIIPodzemshakhtostroi no. 3: 83-90 '64.

Freezing of rock in depth during shaft sinking at the Zaporozhye Iron Ore Combine No. 1. V. A. Pankin, P. A. Shparbez. Shakh. stroi. 9 no. 9:17-22 S '65.

Studying stress distribution in cast iron tubing support of vertical shafts by the photoelasticity method. V. P. Drobyshev, G. A. Tsel'ev. Shakh. stroi. 9 no. 10:16-19 O '65.

SHAFT SINKING—EQUIPMENT AND SUPPLIES

The BPS-5, 5 unit. S. I. Byelovskii, R. O. Stupel'. Trudy TSNIIPodzemshakhtostroi no. 3:12-22 '64.

Influence of rock lumpiness on the volume of loading and of mine hoisting. V. V. Kochetov. Trudy TSNIIPodzemshakhtostroi no. 3:22-30 '64.

Technical and economic indices of high-speed ventilation shaft sinking at the "Tuzhata-Ventilatsionnaya" Mine with the help of the KS-2m unit. A. I. Gorbacheva, R. G. Morokhovich. Trudy TSNIIPodzemshakhtostroi no. 3:4-12 '64.

SHAFT SINKING—SAFETY MEASURES

(see also subdivision under Kurak Magnetic Anomaly)

Experiments in using radio communication in mine shaft sinking. B. V. Ipatov. Trudy TSNIIPodzemshakhtostroi no. 3:78-83 '64.

Influence of additives on the degree of concrete water-proofness. P. S. Matyi, M. P. Chukhina. Shakh. stroi. 9 no. 10:15 O '65.

SHAFTING

Method for calculating the torsion of shafts with varying cross section. I. A. Bm, G. A. I. Ivashina, V. A. Mashkin. Elektrotekhnika 36 no. 9:56-59 S '65.

Negative effect of the soldering of lines on the corrosion and fatigue strength of tail shafts. G. M. Balabaeu and others. Sudostroenie 30 no. 7:51-55 JI '64.

SHAFTING—RELIABILITY

Improving the operating reliability of propeller shafts on large vessels. D. Gai mashev. Mor. flot 23 no. 9:28-30 S '65.

SHAKESPEARE, WILLIAM, 1564-1616

The hundredth Shakespearean yearbook. A. Anikal. Vop. lit. 9 no. 3:222-225 Ag '65.

Jusubelli, Tamilla. [Shakespeare on the stage of the M. Azhbekov Azerbaijan State Academic Drama Theater] Shakespir na stene Azerbaidzhanskogo Gosudarstvennogo Akademicheskogo ordena Trudovogo Krasnogo Znamenii dramaticheskogo teatra im. M. Azhbezkova. Baku, Azerbaidzhanskoe teatral'noe ob-vo, 1964. 189 p.

(MH)

Samyellian, L. O. [Shakespeare in the Armenian theater; the pre-Soviet period] Shakespir v armenianskom teatre, dosovetskii period. Brevan, Akad. nauk Armanianskoi SSR, 1961. 29 p.

(MH)

Trilogy on Shakespeare. E. Kornilova. Teatr 26 no. 9 107-112 S '65.

SHAKESPEARE, WILLIAM, 1564-1616—MUSIC

Mikhailov, M. K., ed. [Shakespeare and music] Shakespir i muzyka. Leningrad, Muzyka, 1964. 318 p. (GEU)

SHAKHIMATOV, ALEKSEI ALEKSANDROVICH, 1864-1920

From the unpublished work of A. A. Shakhmatov. T. I. Korotkova. Vest. LGU 20 no. 14:149-151 '65.

SHALLAPIN, FEDOR IVANOVICH, 1878-1938—FICTION

Pas'ko, S. [Two concertos] Dva kontserta. [Kishinev, Karla Moldovenaske, 1965] 70 p.

SHAL'NIKOV, ALEKSANDR IOSIFOVICH, 1895-

Aleksandr Iosifovich Shal'nikov; on his 60th birthday. I. U. B. Khaiton and others. Usp. fiz. nauk 87 no. 1:171-172 S '65.

SHAPIRO, ALEKSANDR L'VOVICH, 1905-

Aleksandr L'vovich Shapiro, on his sixtieth birthday. N. G. Sladkevich. Vest. LGU 20 no. 14 159-160 '65.

SHAPOVALOV, IVAN GRIGOR'EVICH

Shchukov, N. D. [Vocation of Ivan Shapovalov] Prizvanie Ivana Shapovalova Moskva, Sovetskaya Rossiya, 1963. 76 p. (NIC)

SHARLOUK (TURKMENISTAN)—ANTIQUITIES

Craniological material from Bedell-ata in southwestern Turkmenia. N. G. Zaikind, S. P. Poliev. Vop. antropol. 16 121-123 '64.

SHCHUCH'YE (KURGAN PROVINCE)—VETERINARY LABORATORIES

They deserve an honorary title. N. P. Neverov. Veterinarika 42 no. 7-8 81 '65.

SHCHUKIN, BORIS VASIL'EVICH, 1894-1939

Shchukin, B. V. [Boris Vasil'evich Shchukin; articles, reminiscences, materials] Boris Vasil'evich Shchukin, stat'yi, vospominaniya, materialy Moskva, Iskusstvo, 1963. 333 p. illus

SHEAR (MECHANICS)

Determination of the parameters of the shear strength of eluvial clay pastes based on the test results of a sample in a stability tester. V. V. Lushnikov. Izv. vuzov. ucheb. zav., stroit. i arkhit. 8 no. 9:34-40 '65

Investigation of stresses in shearing and shearing with pressure by the photoelastic method. V. N. Petrov, A. I. Putilov. Izv. vuzov. ucheb. zav., stroit. i arkhit. 8 no. 9:129-134 '65.

SHEARS (MACHINE TOOLS)

Introducing guillotine shears with a pneumatic drive. T. P. Krylova. Buil. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 18 no. 7 16-49 31 '65

New type of shears for the cutting of molten glass. V. S. Tamarchenko. Steklo i ker. 22 no. 8:32-33 Ag '65.

SHEBELINKA GAS FIELD—GAS FIELD DEVELOPMENT

Present status of the development of the Shebelinka field. I. N. Tokol, V. I. Oleksak, P. A. Gerish. Gaz. delo no. 7 6-11 '65

SHEEP see subdivision under Kazakhstan**SHEEP—DISEASES AND PESTS**

(see also subdivision under Kirghizistan)

Duration of preservation and localization of the tularemia agent in the organism of experimentally infected sheep. A. I. Zaitsev, E. V. Pokrovskaya, M. N. Belikov. Veterinarika 42 no. 7:28-27 31 '65.

Dynamics of some enzymes and vitamins during the treatment of bronchopneumonia in sheep with antibiotics. T. A. Kenesarin. Vest. sel'khoz. nauk. [Kazakh.] 8 no. 9 30-37 '65.

Globoidosis in sheep. B. A. Timofeeva. Veterinarika 42 no. 7:47-50 31 '65.

SHEEP—PARASITES see Parasites—Sheep**SHEEP—PHYSIOLOGY**

Age-related changes in the live weight and body conformation of Kazakh Angli-Merino sheep. E. M. Seidzhanov. Vest. sel'khoz. nauk. [Kazakh.] 8 no. 8:55-59 Ag '65.

Secretion of some amino acids by the abomasum glands of sheep in ontogeny. K. G. Nugmatzhanov. Vest. sel'khoz. nauk. [Kazakh.] 8 no. 8 112-117 Ag '65.

SHEEP—WATERING see subdivision under Kazakhstan; Soviet Central Asia**SHEEP BREEDING**

(see also subdivision under Chu District; Kazakhstan; Soviet Central Asia)

Stakan, G. A., and A. A. Soskin. [Heritability of economically useful indices in fine-wool sheep] Nasleduemost' khozlaistvenno poleznykh priznakov u tonkorunnykh ovets. Otv. red. Z. S. Nikoro. Novosibirsk, Re-daktsionno-izdatel'skii otdel Sibirskogo otd-niya AN SSSR, 1965. 168 p. (DNAL)

SHEEP BREEDS see subdivision under Kazakhstan**SHEEP—DIP see subdivision under Kazakhstan****SHEEPSHEARING—EQUIPMENT AND SUPPLIES**

New shearing units. V. Orshin. Tekhn. sel'khoz. 25 no. 9:32-35 '65.

SHEET METAL—TESTING

Estimate of the structural strength of a welded thin-walled vessel according to the tests made in biaxial tension. S. A. Kurkin, V. F. Luk'yanov. Svar. proizv. no. 9 7-10 '65.

SHEET-METAL WORK

Calculating deformations and stresses in sheet stamping of transversally isotropic materials. I. U. M. Aryabanski, L. I. Kaluzhskii. Izv. vuzov. ucheb. zav. i av. tekhn. 7 no. 3 131-135 '65.

Calculating the parameters of the technological process of bending and stretching shaped parts. M. I. Razumikhin, I. U. B. Drobot. Kuz.-shtam. proizv. 7 no. 9:10-22 '65.

Changing the coefficient of flange forming on low-carbon steel following strain aging. K. M. Pogodina-Alekseeva, E. E. Krotkova. Kuz.-shtam. proizv. 7 no. 8 13-11 Ag '65

Die for the manufacture and assembly of buckle parts. I. A. Movshovich, N. V. Shepel'skii, N. Kh. Fetisov. Kuz.-shtam. proizv. 7 no. 9:47 '65.

Methods of calculating the use of "nonrepetitive" parts from a rolled sheet of intermediate length. V. L. Raskin. Kuz.-shtam. proizv. 7 no. 8 37-41 Ag '65

Multiple stamping of parts. V. P. Blumagin. Mashinostroenie no. 5:77-78 S-O '65

New device to measure the wear of the cutting edge of a die and the height of burrs on parts being cut. B. M. Malkin. Kuz.-shtam. proizv. 7 no. 8:15-17 Ag '65.

Radioisotope devices for thickness control during automatic sheet-metal work. A. E. Artyes, N. Zian, V. K. Nikiforov. Kuz.-shtam. proizv. 7 no. 8 9-13 Ag '65

Using the method of photolattice for experimental investigation of the nature of deformations caused by blanking and piercing of plate materials. V. E. Nedorezov, I. M. Zhivik. Trudy LPI no. 259:107-110 '65.

SHEET-METAL WORK—TESTING

Experimental control of the dependence of stresses at the cutting edge of a die on the amount of clearance. A. G. Ladin. Kuz.-shtam. proizv. 7 no. 9:23-24 '65.

SHEET STEEL

Amount of manganese used in the making of E21 dynamo steel. M. D. Nikitenko and others. Stal' 25 no. 9:809 '65

Influence of cross rolling on the quality of L6GN and 17GS steel sheets. B. IU. Zelichenok and others. Stal' 25 no. 9 825-828 '65

Problems of the economy of producing various types of sheet steel. T. A. Vishnevskaya. Sporn. iud. TSNKHM no. 45:137-142 '65.

SHELL ROOFS see Roofs, Shell**SHELLAC**

Plant resources for the production of shellac in the U.S.S.R. N. I. Sharapov, G. N. Tikhomirov. Subtrop. kul't. no. 1:135-141 '65

SHELOV' RIVER WATERSHED—RUNOFF

Characteristics of the formation of the chemical composition of the waters of local runoff in the Shelov' River watershed. B. G. Skakal'skii. Trudy GGI no. 110:67-87 '65

SHELOV' RIVER WATERSHED—WATER—COMPOSITION

Characteristics of the formation of the chemical composition of the waters of local runoff in the Shelov' River watershed. B. G. Skakal'skii. Trudy GGI no. 110:67-87 '65.

SHEMAKHA DISTRICT—ANTIQUITIES

Burial with a coin of the 3d century A. D. in Chukhryun of Shemakha District. R. V. Shein. Dokl. AN Azerb. SSR 21 no. 5:99-102 '65.

SHEPHERDS see subdivision under Susami Valley**SHEPTYTS' KYI, ANDRII, Metropolitan, 1895-1944**

Kavchenuk, Osyb. [Grant from Saint George's Hill; materials for a biography of the servant of God, Andrii Sheptyts'kyi, based on foreign language sources] Velen' to Sviatolurs'koi hozy; prychnyky do biografii Shui Bozhoho Andriia Sheptyts'koho na pidstavli chuzhomovnykh dzherel. Yorktown, Canada, 1963. 148 p. (Biblioteka Lohosa, vol. 34)

SHEREMETEV FAMILY

The peasants of a large gulf rent patrimonial estate in the first half of the 19th century, the Molodotudskoye estate of the Sheremetevs in Tver Province. I. D. Kovalchenko. Vest. Mosk. un Ser. 9; Ist. 20 no. 4:86-88 31-Ag '65.

SHESTSKIY DISTRICT—ROCKS, IGNEOUS

Intrusion of Toparak complex in Shetaki District of central Kazakhstan. G. I. Bedrov and others. Trudy Inst. geol. nauk AN Kazakh. SSR 12:48-73 '65.

SHEVCHENKO, IVAN TEODOSOVICH, 1905-

Professor Ivan Teodosovich Shevchenko; on his 60th birthday. Med. rad. 10 no. 7:92-93 31 '65.

SHEVCHENKO, TARAS HRYHOROVYCH, 1814-1861

The bard and Ukrainian romanticism. L. I. Uskevich. Vop. lit. 9 no. 8:220-229 Ag '65.

Shevchenko and Bodianskii. A. Pololai. Rad. lit. 9 no. 8:34-44 Ag '65.

Vindyeh, L. V. [Pictureque Ukraine of Taras Shevchenko] Zhyvopysna Ukraina, Taras Shevchenko. Kyiv, Mystetstvo, 1963. 120 p. illus. (NSYu)

SHIDERTY VALLEY—LIVER FLUKE

Natural foci of opisthorchiasis. T. G. Sidorov. Izv. AN Kazakh SSR Ser. Biol. nauk 3 no. 3 66-73 My. Ju. '65

SHIELDING (ELECTRICITY)

Voina, M. L. [Stray couplings and induction] Parazitye svyazi i navodki. Izd. 2., 1 imp. i dop. Moskva, Svyetskoe radio, 1965. 231 p.

SHIELDING (RADIATION)

Angular and energy distribution of gamma radiation on the surface of a volume source. B. F. Gromov and others. Atom. energ. 19 no. 2 170-180 Ag '65

Shielding parameters of concrete. L. N. Zaitsev and others. Atom. energ. 19 no. 3:363-367 S '65.

SHIELDING (RADIATION)—TABLES, ETC.

Mikhailov, L. M., and Z. S. Aref'eva. Tables and nomograms to calculate shielding from gamma rays; point sources; Tablitsy i nomogrammy dlia rascheta zaschity ot gamma-luchei; tocherhenye istochnik. Moskva, Meditsina, 1965. 132 p.

SHIGELLA

Resistance formation in Sonne dysentery bacilli to antibiotics and phage under the effect of streptomycin combined with vitamin B12. S. T. Dzhubak. Antibiotiki 10 no. 8:837-840 S '65.

Significance of individual biochemical, serological, and biological tests in the identification of dysentery microbes, a summary. M. E. Iapkin. Lab. delo no. 3. 501 '65.

SHIGELLA—CULTURES AND CULTURE MEDIA

Changes in the form of dysentery bacilli grown on media with levomycetin. M. P. Venetov. Antibiotiki 10 no. 7:642-647 31 '65

SHINGLES (DISEASE) see Herpes zoster**SHIP HANDLING**

Rodionov, A. I., V. I. Uchlov, and V. I. Shevchenko. [Maneuvering devices of seagoing vessels] Sredstva manevrirovaniia morskikh sudov. Moskva, Transport, 1965. 100 p.

SHIP MODELS

Effect of the channel on the towing resistance of the model. L. S. Artushkov. Sudostroenie 30 no. 7:17-14 31 '64.

SHIP PROPULSION, ELECTRIC

Possibility of the use of brushless generators in the electric propulsion system. V. E. Nizant, A. V. Krasovskhin. Sudostroenie 30 no. 7:36-39 31 '64

SHIP RESISTANCE

Effect of the channel on the towing resistance of the model. L. S. Artushkov. Sudostroenie 30 no. 7:13-24 31 '64.

Evaluating the propelling characteristics of catamarans. E. N. Vovodskaya. Sudostroenie 30 no. 7:76-80 31 '64

Propelling efficiency of catamarans. V. A. Dubavskii. Sudostroenie 30 no. 7:78-80 31 '65.

SHIPBUILDING

Selecting an economically expedient technology of process for machining the parts of marine engines. I. A. Chuchel'nikitskii. Sudostroenie no. 8 46-50 Ap '65.

SHIPBUILDING—CONGRESSES

Second plenum of the Central Administration of the A. N. Krylov Scientific Technological Society of the Shipbuilding Industry. G. I. Chuchel'nikitskii. Sudostroenie 30 no. 7:76-77 31 '64.

SHIPBUILDING—COSTS

Constant wholesale prices and work indices of a shipyard. E. I. Sklinov. Sudostroenie 30 no. 7:18-40 31 '64

SHIPBUILDING—EQUIPMENT AND SUPPLIES

Construction of collapsible supports for the radiolocalization of the reactions of the building ship and the dock and the materials for their construction. A. I. Ilyin. Sudostroenie 30 no. 7:43-47 31 '64.

Construction of the inclined part of the slip from precast reinforced concrete on a vibrated sand foundation. A. Kots. Rech. transp. 24 no. 8:43-45 '65.

New equipment. K. G. Kirichenko. Sudostroenie 30 no. 7:82-83 31 '64.

SHIPBUILDING—SAFETY MEASURES

Some problems arising in connection with the use of synthetic materials in shipbuilding V D. Batenev Sudostroyeniye no. 8:43-45 Ag '65.

SHIPBUILDING—TECHNOLOGICAL INNOVATIONS (see also subdivision under Moscow)

New devices and instruments Sudostroyeniye no. 8:61-65 Ag '65

SHIPMASTERS

Criminal inquiry on sea vessels, N. Alekseev, V. Meshera, Sots. zakon, 42 no. 8:13-17 Ag '65. The shipmasters can raise the operational level of the fleet N. Gor'kov, I. Shchepetov Rech. transp., 21 no. 8:4-7 Ag '62.

SHIPPING

(see also subdivision under Itiyah River; Italy, Volga-Baltic Sea Waterway, Volga River, Yakutia, Yenisey River)

Dobrovolski, A. D., and B. S. Zalogin. [Seas of the U. S. S. R.; their nature and utilization] Moria SSSR; priroda, khoz. i stroitel'stvo, Moskva, Mysl', 1965, 350 p.

SHIPPING—ABSTRACTS

[Water transportation] Ref. zhur. Vod. transp., no. 8:1-65.

SHIPPING—COST OF OPERATION (see subdivision under Danube River)

SHIPS (see subdivision under Great Britain, Japan)

SHIPS—CARGO

Errors in navigation and management under foreign law. L. M. Egorov. Inform. sbor., TSNIIMF no. 110, Mor. pravo i prak., no. 23:17-23 '63.

Errors in navigation and management under Soviet maritime law. K. I. Aleksandrov. Inform. sbor., TSNIIMF no. 110, Mor. pravo i prak., no. 23:10-17 '63.

SHIPS—ELECTRIC EQUIPMENT

Joining-up of synchronous marine generators to parallel operation V. A. Iakushin Mor. sbor. 10 no. 10:70-72 O '65.

SHIPS—ELECTRONIC EQUIPMENT

Consolidated design of the electronic equipment of ships V. P. Evteev, Sudostroyeniye 30 no. 7:70-71 Ag '64

SHIPS—EQUIPMENT AND SUPPLIES

Formulas for studying the free flow of compressed gas from transport cylinders into ship cylinders. P. K. Bieku, Sudostroyeniye no. 8:21-24 Ag '65.

Marine sanitary-engineering installations from plastics. V. Ilagov, V. Kudret, Mor. flot 24 no. 8:20-30 Ag '64.

Principal requirements of a self-recording apparatus used in maneuvering the ship, Sudostroyeniye no. 8:39-39 Ag '65.

Protective cover of ship equipment, B. E. Martynov. Mor. sbor. 48 no. 10:64-65 O '65.

SHIPS—HYDRODYNAMICS

Change of stresses in the elements of the frame due to waves, L. I. Rjabov, G. M. Ryzhinskiy, Sudostroyeniye 30 no. 7:14-17 '64

SHIPS—LAUNCHING (see subdivision under Nova Valley)

SHIPS—MAINTENANCE AND REPAIR

(see also subdivision under Chistopol', Tatar A. S. S. R.; Volkiy Ustyug, Vologda Province; Volgograd)

Advance practices in ports and ship repairing yards, M. Biliarskiy, L. Nikushkin, Mor. flot 24 no. 8:31-32 Ag '64.

For well-organized preparation and repair of ships in 1962-63, Rech. transp., 21 no. 8:1-2 Ag '62.

Improve the organization of the manufacture of piston rings, G. Linbatin, Mor. flot 25 no. 8:32-33 Ag '65.

Improve the repair service of the fleet, Mor. flot 24 no. 8:1-2 Ag '64.

Improve the technical operation of the fleet, Mor. flot 25 no. 8:1-2 S '65.

Madatov, N. M. [Underwater repair of ships and other vessels] Podvodnyi remont korabli i sudov, Moskva, Voenizdat, 1965, 279 p.

On a progressive Sakhalin ship, G. Mitchenko, A. Grigorenko, Mor. flot 25 no. 9:33 S '65.

[Organization and planning of work in ship-repairing enterprises] Organizatsiya i planirovaniye proizvodstva na sudoremontnykh predpriyatiyakh, [By] D. D. Ben'kovskiy i dr., Moskva, Transport, 1965, 289 p.

Present state of the modernization of the ship-repairing industry, N. Lopyrev, Rech. transp., 21 no. 8:21-23 Ag '62.

SHIPS—PAINTING (see subdivision under Germany, East)

SHIPS—WATER SUPPLY

Preparation of ships' drinking water systems N. V. Kuoshkin, Mor. sbor. 48 no. 10:65-69 O '65.

SHIPS, CONCRETE

Conference on the state and further development of research, design and the technology for the construction of reinforced concrete ships, Sudostroyeniye 30 no. 7:76-71 Ag '64.

Reinforced concrete rivercraft and floating structures, A. P. Strakhov, Sudostroyeniye no. 8:12-13 Ag '65.

SHIPYARDS

(see also subdivision under Murmansk)

Operative foundries in shipyards, M. Polin, Mor. flot 24 no. 8:26-27 Ag '64.

SHKAPOVO OIL FIELD—PRECAST CONCRETE CONSTRUCTION

Erection of a series of installations from precast reinforced concrete in the Shkapovo oil field, S. N. Kaverin, Stroitel'stvo, 10 no. 9:16-17 S '65.

SHMAKOV, PAVEL VASIL'EVICH, 1895-

Uzilevskiy, V. A. [Legend of the crystal egg, tale about a professor of television] Legendy o khristal'nom iksite, povest' o professore televideniya, [Leningrad] Leningrad, 1965, 271 p.

SHMAL'GAUZEN, IVAN FEDOROVICH, 1849-1894

First account of G. Mendel's work in Russia by I. F. Shmal'gauzen, A. E. Galanovich, Bluz. MOIP. Otd. biol., 70 no. 4:22-24-21 Ag '65

SHOCK

Absorption and distribution in the body of phenoxymethyl penicillin and various salts of benzyl penicillin in experimental anaphylactoid shock in white rats, V. P. Iakovlev, Antibiotiki 10 no. 8:20-24 S '65.

Anesthetic premedication with steroids in experimental traumatic shock, I. S. Badiugin, Nauch. i med. kaz. gos. med. inst., 14:91-93 '61.

Effect of noradrenaline on the blood flow in the liver and its oxygen regime in traumatic shock S. A. Seleznev, Pat. izob. i izk. izob. 10 no. 3:20-24 My-Je '65.

Role of vascular intercapillaries and other factors in the development of a hemolysis-transfusion shock, N. I. Popkov, Nauch. trudy Kaz. gos. med. inst., 14:263-264 '64.

SHOCK ABSORBERS

Service life of the rubber-metal hinged shock absorbers of locomotives, G. A. Khrumov and others, Vest. TSNIIMPS 24 no. 5:35-38 '65

SHOCK ABSORBERS—TESTING

Stand for the testing of hydraulic shock absorbers, Zhel. dor. transp., 47 no. 9:95-96 S '65.

SHOCK THERAPY

Hysterical reactions in schizophrenia and their dynamics in connection with the treatment, S. P. Pozdnyakova, Probl. sud. psikh., no. 13:208-220 '62.

SHOCK TUBES

Shock tube for studying one-dimensional waves in fluids, M. I. Vorobikova, V. K. Kedrinskiy, R. I. Soloukhin, Nauch.-tekhn. probl. gor. i vyzryva no. 1:5-14 '65.

SHOCK WAVES

Calculation of a shock wave following explosions in solid media, V. M. Gogolev, V. G. Myrkin, G. I. Aablokov, Nauch.-tekhn. probl. gor. i vyzryva no. 1:80-87 '65.

Diffraction of a pulse pressure wave by a disc, V. B. Poruchikov, Vest. Moskov. univ. Ser. I: Med., med. 20 no. 5:61-67 S-O '65.

Fusion at ultrahigh pressures arising in a shock wave, V. D. Urin, Zhur. eksp. i teor. fiz., 49 no. 2:435-492 Ag '65.

Instability of the surface of a liquid when detonation and shock waves are gliding on it, A. A. Barilov, S. M. Kogarko, A. V. Likhov, Dokl. AN SSSR 164 no. 1:125-126 S '65.

Motion of a liquid near a free surface under the action of a shock wave, A. M. Boldarev, I. U. A. Popov, Nauch.-tekhn. probl. gor. i vyzryva no. 1:114-116 '65.

A problem of the diffraction of shock waves, E. F. Afanas'ev, Inzh. zhur., 5 no. 4:612-622 '65.

Rotational discontinuities in the hydrodynamics of non-linear media, L. A. Ostrovskiy, Izv. vuz. ucheb. zav., 8 no. 4:738-742 '65.

Shock tube for studying one-dimensional waves in fluids, M. I. Vorobikova, V. K. Kedrinskiy, R. I. Soloukhin, Nauch.-tekhn. probl. gor. i vyzryva no. 1:5-14 '65.

Shock waves in lamellar systems, E. I. Zababakhin, Zhur. eksp. i teor. fiz., 49 no. 2:642-646 Ag '65.

Solution for a plane shock wave crossing the slightly curved interface of two media, I. U. M. Nikolaev, Prikl. mat. i mekh., 29 no. 4:658-666 Ji-Ag '65.

SHOCK WAVES—MEASUREMENT

The Schlieren method for measuring the compression shock in a shock wave, R. I. Soloukhin, Nauch.-tekhn. probl. gor. i vyzryva no. 1:112-111 '65.

SHOCK WAVES—SPEED

Experimental determination of the speed of unfolding in the soil in dynamic processes, Z. V. Narozhnaia, Nauch.-tekhn. probl. gor. i vyzryva no. 1:86-82 '65.

SHOE INDUSTRY

(see also subdivision under Ukraine; White Russia)

Campaign for footwear production of an excellent quality, Kozh.-obuv. prom., 7 no. 9:1-3 S '65.

Exhibit of new shoe styles in the "Light Industry" Pavilion at the Exhibition of Achievements of the National Economy, V. R. Komarova, Kozh.-obuv. prom., 7 no. 8:10-11 Ag '65.

Fifth All-Union conference and seminar of shoe industry representatives on the design and preparation of the shoe assortment for 1966, G. I. Roslik, Izv. vuz. ucheb. zav., tekhn. log. prom., no. 4:144-147 '65

SHOE INDUSTRY—EQUIPMENT AND SUPPLIES

Ways to improve the molding equipment in shoe manufacture, I. I. Kapustin, V. L. Peglovskiy, Kozh.-obuv. prom., 7 no. 9:35-38 S '65.

SHOE INDUSTRY—LABOR PRODUCTIVITY

Improvement of production quality as potential for the growth of labor productivity, Z. I. Khudak, Kozh.-obuv. prom., 7 no. 9:10-12 S '65.

SHOE INDUSTRY—MANAGEMENT (see subdivision under Kiev, Ukraine)

SHOE MACHINERY

Machine for the preparation of kersey boot tops for the vulcanization of the top band and back strap, I. I. Faerberg, Leh. prom., no. 3:36-38 Ji-S '65.

SHOE MACHINERY—RELIABILITY

Reliability guarantees for machinery, L. I. A. Makhovich, I. I. Kapustin, Kozh.-obuv. prom., 7 no. 8:1-7 Ag '65.

SHOE MACHINERY—TESTING

Using an electron microscope for studying the surface of "SPR" machine parts worn out by thread rubbing, P. T. Ilaske, I. U. L. Korolenko, Leh. prom., no. 3:41-43 Ji-S '65.

SHOE MANUFACTURE

(see also subdivision under Erivan)

Chemicalization of production in shoe factories, A. A. Plinatus, L. M. Zavel'gel'skiy, Kozh.-obuv. prom., 7 no. 8:26-27 Ag '65.

Compatibility of shoe finishing materials with leather coatings, I. M. Simaeva, K. M. Zurbaban, Kozh.-obuv. prom., 7 no. 9:23-27 S '65.

Development of shoe style sketches, V. A. Bobrov, G. I. Roslik, Izv. vuz. ucheb. zav., tekhn. log. prom., no. 4:101-108 '65.

Effect of various factors on the shape keeping of footwear, M. A. Falikhenko, Kozh.-obuv. prom., 7 no. 9:21-33 S '65.

Krasnov, B. I. A. [New developments in the manufacture of footwear from polymers] Novoe v proizvodstve obuvi iz polimerov, Pod red. A. D. Zaitchikovskogo, Moskva, Legkaya industriya, 1964, 52 p.

[MICROFILM]

SHOE MANUFACTURE—EQUIPMENT AND SUPPLIES

New toe puff materials for cemented footwear, N. K. Kucherova, V. R. Vidomenko, N. O. Kiochko, Leh. prom., no. 3:28-30 Ji-S '65.

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905-

People and events: Mikhail Aleksandrovich Sholokhov; Toru Nakagawa Nov. vrem., 23 no. 43:9, 21 O '65. Stylistic usage of participles and participial constructions in M. Sholokhov's "Virgin land" and "The Virgin Land", P. K. Piskunov, Vest. LGU 20 no. 14:117-126 '65.

SHOOTING—PHYSIOLOGICAL EFFECT

Changes in the skeleton of upper extremities of a marksman, E. N. Peterson, Arkh. anat., gist. i ombr., 49 no. 8:77-81 Ag '65.

SHOR, IAKOV ALEKSANDROVICH, 1905-

Iakov Aleksandrovich Shor: on the occasion of his 70th birthday, Nauch. shkola 33 no. 8:98 S '65.

SHORE PROTECTION

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva, [Instructions on designing hydraulic structures subject to wave action] Ukazaniya po proektirovaniyu gidrotekhnicheskikh sooruzhenii, podvzhenykh volnovym vozdeystviyam (SN 280-64), Izd. ofitsial'noe, Moskva, Stroizdat, 1965, 130 p.

SHORTLAND

Abiphan, O. S. [Shortland to Chook, elementary and advanced] Uchebno-tekhnicheskii, massovoe i professional'noe pis'mo, Izd. 3., ispr. i dop. [Rostov-na-Donu] Izdat. o Rostovskogo univ., 1965. 272 p.

SHOULDER JOINT--DISLOCATION

Posterior partial dislocation of the shoulder and the syndrome of the functional impairment of the muscular anterior serratus E. T. Sharenko, V. I. Drobovun. Ortop., traumatol. 26 no. 8:65-68 '65.

SHRIMES

New ideas on the systematics of shrines V. I. Koshkin. Zool. zhur. 44 no. 7:1041-1047 '65.

SHLOHARENKO, ANDRII IAKOVYCH, 1902-

Borovyk, M. K. [Works of Andrii Shloharens'ko] "Tvorchi" Andriia Shloharens'ka Kyiv, Naukova dumka, 1963. 190 p.

SHUMSHU ISLAND--WORLD WAR, 1930-1945--AMPHIBIOUS OPERATIONS

Heroes of the landing on Shumshu. V. Sologub. Voenn.-ist. zhur. 7 no. 8:40-44 '65.

SHUTTERS, PHOTOGRAPHIC

Performance of a curtain shutter A. I. Ianishevskii. Zhur. nauch. i prikl. fot. i kin. 10 no. 5:392-394 S-O '65.

SHUYA RIVER WATERSHED--LAKES

Water levels of the lakes of the watershed of the Shuya water system. K. D. Litinskii. Trudy Kar. fil. Vn. SSSR no. 36:18-39 '64.

SHVAIKOVA, MARINA DMITRIEVNA, 1905-

M. D. Shvaikova, on her 60th birthday. Sud.-med. eksp. 8 no. 3:2 JI-S '65.

SHWARTZMAN PHENOMENON

Shwartzman phenomenon and its importance in pathology. I. A. Olovin, V. M. Volodina. Pat. fiziol. i eksp. terap. 8 no. 4:14-26 JI-Ag '65.

SIALIC ACIDS

Comparative data on the study of glycoproteins and sialic acid of the blood serum in normal pregnancy and in late toxemia. L. G. Sotnikova. Nauch. trudy Kaz. gos. med. inst. 14:549-550 '64.

Diphenylcarbazone method for the quantitative determination of sialic acids. V. V. Tatarskii, K. V. Fedorova, E. D. Anishina. Lab. delo no. 8:457-460 '65.

Fluctuation of the level of sialic acid in patients with acute osteomyelitis of the jaws in relation to the methods of treatment. I. A. Z. Epstein. Nauch. trudy Kaz. gos. med. inst. 14:581-582 '64.

Importance of immunological tests (antistreptolysin-O, C-reactive protein) and of sialic acid in determining the activity of the rheumatic process. A. A. Peshtimaldzhan. Nauch. trudy Kaz. gos. med. inst. 14:517-519 '64.

Significance of sialic acid and the erythrocyte sedimentation reaction in the diagnosis of surgical diseases V. E. Savell'e, O. P. Ionova. Lab. delo no. 6:455-457 '65.

SIBAY REGION (BASHKIRIA)--COPPER MINES AND MINING

Economic effectiveness of using skip hoists at the Sibay Mine V. S. Khokhlov, and others. Gor. zhur. no. 9:15-16 S '65.

SIBERIA--BOTANICAL RESEARCH

Role and methods of studying the history of flora A. V. Polozhii. Izv. SO AN SSSR no. 8, Ser. biol.-med. nauk no. 2:3-9 '65.

SIBERIA--BUTTERFAT

Improving cows' butterfat production in Siberia. V. I. Izchicko. Izv. Omsk. otd. Geog. ob-va no. 6:113-118 '64.

SIBERIA--CATTLE BREEDING

Advantages of crossbreeding. N. Rostovtsev, V. Krapivnikii. Ekon. sel'khoz. 41 no. 9:92-94 S '65.

SIBERIA--CHEMICAL INDUSTRIES

Konogortsev, I. I. [Large-scale chemical industries in Siberia] Bol'shaya khimiia Sibiri. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1964. 91 p.

SIBERIA--CURRANTS--FERTILIZERS AND MANURES

Effect of mineral fertilizers and topdressing on the physiology and productivity of black currant. L. I. Sergeev, R. S. Daukaeva, N. S. Sakhnov. Izv. SO AN SSSR no. 8, Ser. biol.-med. nauk no. 2:91-98 '65.

SIBERIA--EARTH--SURFACE

Coordination conference on the study of the earth's crust and upper mantle in the eastern regions of the U.S.S.R. Geol. i geofiz. no. 2:164-165 '65.

SIBERIA--ECONOMIC CONDITIONS

Orlov, V. I. [Future of Western Siberia] Budushchee Zapadnoi Sibiri. Moskva, Znanie, 1961. 46 p. (DNC)

SIBERIA--ELECTROMAGNETIC PROSPECTING

Magneto-varietal depth soundings in southern Middle Siberia and in Transbaikalia. P. E. Potolai, L. L. Vantien, F. P. Kharin. Dokl. AN SSSR 181 no. 3:559-562 S '65.

SIBERIA--FOREST ECOLOGY

Determining the productivity of the aerial part of grasses in a birch and aspen forest L. I. Ignatieva. Izv. SO AN SSSR no. 8, Ser. biol.-med. nauk no. 2:62-67 '65.

SIBERIA--INDUSTRIAL MANAGEMENT

Academic and production workers of eastern regions discuss scientific labor organization laboratory practice Sots. trud. 10 no. 8:88-90 '65.

SIBERIA--INDUSTRIES

[Siberia during the period of the building of socialism and transition to communism] Sibiri' v period stroitel'stva sotsializma i perekhoda k kommunizmu. Novosibirsk, Red. 47, otdel Sibirskogo otd-nila AN SSSR.

No. 3. [Industry and the labor class of Siberia in 1917-1961] Promyshlennost' i rabochii klass Sibiri v 1917-1961 gg. 1964. 106 p. (Materialy po istorii Sibiri)

SIBERIA--LABOR AND LABORING CLASSES

[Siberia during the period of the building of socialism and transition to communism] Sibiri' v period stroitel'stva sotsializma i perekhoda k kommunizmu. Novosibirsk, Red. 47, otdel Sibirskogo otd-nila AN SSSR.

No. 3. [Industry and the labor class of Siberia in 1917-1961] Promyshlennost' i rabochii klass Sibiri v 1917-1961 gg. 1961. 106 p. (Materialy po istorii Sibiri)

SIBERIA--NAMES

The ethnic name "saman-samat" among the peoples of Siberia G. M. Vasilievich. Sov. etn. no. 3:139-145 My-Je '65.

SIBERIA--PLANTS, EFFECT OF SOIL TEMPERATURE ON

Role of soil temperature in mineral nutrition of plants and in the effectiveness of fertilization. A. I. Kovalev. Izv. SO AN SSSR no. 8, Ser. biol.-med. nauk no. 2:81-89 '65.

SIBERIA--ROSEROOT

Roseroot, a new stimulating and adaptogenic drug. M. I. Zotova, G. V. Krylov, A. S. Saratkov. Izv. SO AN SSSR no. 8, Ser. biol.-med. nauk no. 2:111-119 '65.

SIBERIA--SUGAR BEETS--VARIETIES

Tetraploid forms of promising early varieties of sugar beets. M. R. Khasanova, V. S. Cheredeeva, I. P. Savoyt'in. Izv. SO AN SSSR no. 8, Ser. biol.-med. nauk no. 2:90-93 '65.

SIBERIA--WATER RESOURCES DEVELOPMENT--CONGRESSES

The Third Academic and Industrial Conference on the Problems of Hydraulic Engineering Construction in Siberia N. I. Knaginichev. Izv. Omsk. otd. Geog. ob-va no. 6:135 '64.

SIBERIA, EASTERN--IRON INDUSTRY

Konogortsev, I. I. [Outline history of ferrous metallurgy in Eastern Siberia, the pre-October period] Ocherki istorii chernoi metallurgii Vostochnoi Sibiri, dooktiabr'skii period. Novosibirsk, Red.-izd. otdel Sibirskogo otd-nila AN SSSR, 1965. 214 p.

SIBERIA, EASTERN--OSTRACODA, FOSSIL

New Middle Ordovician Ostracoda of the family Tetradeilidae in the northeastern U.S.S.R. A. V. Korygin. Paleont. zhur. no. 3:59-72 '65.

SIBERIA, EASTERN--PHOSPHORITES

Length of the formation of a phosphorite-bearing weathering surface in one of the deposits in Eastern Siberia. V. Z. Biloskovskii. Lit. i pol. iskop. no. 4:182-185 JI-Ag '65.

SIBERIA, EASTERN--WEATHERING

Length of the formation of a phosphorite-bearing weathering surface in one of the deposits in Eastern Siberia. V. Z. Biloskovskii. Lit. i pol. iskop. no. 4:182-185 JI-Ag '65.

SIBERIA, WESTERN--AFFORESTATION

Problems of land improvement by afforestation in Western Siberia. V. V. Bernikov. Izv. Omsk. otd. Geog. ob-va no. 6:53-60 '64.

SIBERIA, WESTERN--CORN (MAIZE)

[Corn in the Virgin Territory and Western Siberia] Kukuruz v Tselinnom Krae i Zapadnoi Sibiri. Moskva, Kolos, 1963. 229 p. (DNAL)

SIBERIA, WESTERN--DESCRIPTION AND TRAVEL

From Omsk to the central Tien Shan, and the plateau. A. I. Pashchenkov. Izv. Omsk. otd. Geog. ob-va no. 6:99-111 '64.

SIBERIA, WESTERN--EARTH--SURFACE

Experiment in using industrial explosion for studying the crustal structure in the Irkutsk area from the Siberian Platform to the Taimyr tundra. I. K. Kuznetsov. Geol. i geofiz. no. 2:123-127 '65.

SIBERIA, WESTERN--HISTORY

Retracing Ivan Dmitrievich Bakhmetev's steps. D. K. Fialkov. Izv. Omsk. otd. Geog. ob-va no. 6:61-66 '64.

SIBERIA, WESTERN--MICRO-ORGANISMS, CELLULOSE-DECOMPOSING

Bacterial cellulose decomposition at various temperatures and in the case of different nitrogen sources. N. N. Naplekova. Izv. SO AN SSSR no. 8, Ser. biol.-med. nauk no. 2:49-52 '65.

SIBERIA, WESTERN--RAILROAD BRUXHES--MAINTENANCE AND REPAIR

Repair of bridges without traffic interruption. M. M. Butelov. Puti i put. khoz. no. 8:27 '65.

SIBERIA, WESTERN--RAILROADS--ELECTRIFICATION

Comparative efficiency of the new types of traction under the conditions of Western Siberia. V. A. Reznichenko. Zhel. dor. transp. 47 no. 9:19-22 S '65.

SIBERIA, WESTERN--RAILROADS--MAINTENANCE AND REPAIR

Learning to live and work the communist way V. M. Kudashov, P. E. Plotnikov. Puti i put. khoz. no. 6:15-8 '65.

SIBERIA, WESTERN--SOILS--BORON CONTENT

Characterization and distribution of boron in the districts of the Ob'-Irtysh interfluvium. V. B. Pivovarov. Izv. SO AN SSSR no. 8, Ser. biol.-med. nauk no. 2:29-37 '65.

SIBERIA, WESTERN--SOILS--NITROGEN CONTENT

Bacterial cellulose decomposition at various temperatures and in the case of different nitrogen sources. N. N. Naplekova. Izv. SO AN SSSR no. 8, Ser. biol.-med. nauk no. 2:49-52 '65.

SIBERIA, WESTERN--TUNNELING

Closed shield tunneling in the construction of new roads. M. M. Akhmetov, S. A. Makhuk. Prom. stroit. 31 no. 9:37-40 '65.

SIBERIA, WESTERN--WATER, UNDERGROUND

Base flow into the lake basins of the southern part of the West Siberian Lowland. V. A. Vucelotikhin. Trudy GGI no. 122:142-152 '65.

SIBERIA, WESTERN--WOOD-Using INDUSTRIES

Providing the hydrolysis plants of Western Siberia with raw materials from wood wastes. B. M. Gubarev. Gidroliz, i leshch. prom. 10 no. 6:94-97 '65.

SIBERIAN PLATFORM--CARNALLITE

Carnallite in the rock salt of the Cambrian sediments of the Siberian Platform. T. M. Zharkova. Dokl. AN SSSR 164 no. 1:177-178 S '65.

SIBERIAN PLATFORM--GEOCHEMICAL PROSPECTING

Hydrogeochemical prospecting method in the northern swamped regions. S. I. Shvartsev. Geol. i geofiz. no. 2:3-10 '65.

SIBERIAN PLATFORM--GEOLOGY, STRUCTURAL

Basic stages and principal elements of the structure of the southern part of the Siberian Platform. S. M. Zamiatov. Geol. i geofiz. no. 2:13-22 '65.

SIBERIAN PLATFORM--ROCKS, IGNEOUS--ANALYSIS

Hf content and Zr/Hf ratio in the effusive rocks of the Maymecha-Koluy area (northwest of the Siberian Platform). V. S. Gladikh, B. A. Solomennikov. Geokhimiia no. 6:627-629 My '65.

SIBERIAN PLATFORM--TRACE ELEMENTS

Hf content and Zr/Hf ratio in the effusive rocks of the Maymecha-Koluy area (northwest of the Siberian Platform). V. S. Gladikh, B. A. Solomennikov. Geokhimiia no. 6:627-629 My '65.

SICHYNS'KYI, VOLODYMYR, 1804-

Kelvan, Ivan, [Volodymyr Sichyn'skyi; architect, graphic artist, art critic, scholar] Volodymyr Sichyn'skyi, arkhitekt, mystet's'ko-grafik, mystetstvoznavests', dzhurnalist. Toronto, Ievshan-Zilka, 1957. 78 p. illus. (Malshy ukrains'koho myslotstva)

SICILY--LEMON--DISEASE AND PEST RESISTANCE

Mal secco resistant varieties of lemon in Sicily. N. I. Malsuradze. Subtrop. kul't. no. 1:110-122 '63.

SIEROZEM

(see also subdivision under Kopel'dag)

Nutritive conditions of meadow-sierozem soils for corn in Alim-Aia Province. L. P. Gnezdilova. Vest sel'khoz nauki [Kazakh.] 8 no. 9:12-18 S '65

Organization of the continuous line method for the agrochemical analysis of sierozem in southern Kazakhstan. V. F. Epurov, L. P. Uskova. Vest sel'khoz nauki [Kazakh.] 8 no. 9:105-118 S '65

SIGNATURE (LAW) see subdivision under Ukraine

SILAGE

Changes in the nitrogen-containing complex during the storage of corn silage enriched with urea. N. P. Drozdchenko. Trudy VIZH 27:151-158 '65.

Effect of rations saturated with silage on the quality of cow's milk. V. G. Piatyn and others. Trudy VIZH 27:34-58 '65.

Ensilage, "Fields" pavilion. I. R. Osankina. Inform. biul. VDNK no. 10:11 O '62

Taranov, M. T. [Chemical preservation of feeds] Khimicheskoe konservirovaniye kormov. Moskva, Kolos, 1964. 198 p. (DNAL)

Use of ammonium bicarbonate in feed ensilage. A. V. Medvedev, N. I. Starovolenko, T. I. Tkachenko. Trudy VIZH 27:112-113 '65.

SILAGE—ANALYSIS

Studying the amino acid composition of silage. N. G. Shanygina. Trudy VIZH 27:160-172 '65.

SILAGE—TRANSPORTATION

Increasing the reliability and durability of the PSN-1 silo loader. L. V. Tenenbaum, I. A. Vlasov. Mashinostroenie no. 5:97-98 S-O '65.

SILANE

Infrared spectroscopic method for studying the reaction of γ -aminopropyl and β -cyanomethyl ethoxysilanes with aerosol surface. V. A. Tertykh, A. A. Chulko, I. I. Neimark. Teoret. i eksper. khim. 1 no. 3:400-405 My-Je '65.

Preparation of fluorosilyl silanes by high temperature condensation. V. A. Ponomarev, A. D. Snegov, I. A. Sergeev. Izv. AN SSSR Ser. khim. no. 9:1681-1687 '65

Reaction of dimethyl and phenylmethylchlorosilanes with 1,4-dithiolium-1,4-dithydonaphthalene. R. Sh. Tkeshelashvili, K. A. Andrianov, A. I. Nogaideli. Izv. AN SSSR Ser. khim. no. 8:1366-1367 '65

Reactions of chloromethyl silanes and siloxanes with diatomic phenols. K. A. Andrianov, V. I. Pakhomov, N. I. Lapteva. Plast. massy no. 9:20-22 '65

SILANE—MOLECULAR ROTATION

Evaluation of the potential retarding the internal rotation in molecules of some chlorosilanes based on the measurements of heat capacity at low temperatures. V. N. Kostukov, D. G. Gumbatov. Zhur. fiz. khim. 39 no. 8:2016-2019 Ag '65

SILANE—SPECTRA

Study of the induction effect of substituents in organochlorosilanes by the nuclear quadrupole resonance method. I. P. Brikukov, M. G. Voronkov, I. A. Safin. Teoret. i eksper. khim. 1 no. 3:373-380 My-Je '65.

SILICA

Energy of the crystal lattices of silica and silicate modifications. I. V. Davidenko. Dokl. AN SSSR 164 no. 3:670-673 S '65.

Infrared spectroscopic method for studying the reaction of γ -aminopropyl and β -cyanomethyl ethoxysilanes with aerosol surface. V. A. Tertykh, A. A. Chulko, I. I. Neimark. Teoret. i eksper. khim. 1 no. 3:400-405 My-Je '65.

Sorption of cations from acid solutions on silica gels obtained by a hydrothermal method. L. F. Kirichenko and others. Dokl. AN SSSR 164 no. 3:618-621 S '65.

SILICA, EFFECT OF RADIATION ON

Nature of radiation-induced surface defects in irradiated silica gel. Part I. Mechanism of hydrogen adsorption. G. B. Parfisi, I. A. Mishchenko, V. H. Kazanskii. Khim. i kat. 6 no. 1:625-633 Ji-Ag '65.

SILICATES

(see also subdivision under Kazakhstan)

Energy of the crystal lattices of silica and silicate modifications. I. V. Davidenko. Dokl. AN SSSR 164 no. 3:670-673 S '65.

Tikhonov, V. A., and others. [Laboratory manual on the chemistry of silicon and the physical chemistry of silicates] Praktikum po khimii i fizicheskoi khimii silikatov. Pod red. N. A. Toropova. [L'vov] Izd-vo L'vovskogo univ., 1965. 201 p.

SILICATES—ANALYSIS

Determining the content of potassium and sodium in the chemical analysis of silicates using the immersion method. T. N. Burakova. Min. i geokhim. no. 1:167-162 '61.

SILICIC ACIDS

Crystal structure of the Na, Zn, Cd metasilicate $\text{Na}_2\text{ZnCdSi}_2\text{O}_6$. M. A. Simonov, N. V. Belov. Dokl. AN SSSR 161 no. 2:406-409 S '65.

SILICON

Sand fused on iron castings and role of cast iron silicon in its formation. D. A. Kuznetsov, A. I. Malakhov, V. T. Marchenkov. Trudy MKH II no. 17:193-197 '61

Tikhonov, V. A., and others. [Laboratory manual on the chemistry of silicon and the physical chemistry of silicates] Praktikum po khimii i fizicheskoi khimii silikatov. Pod red. N. A. Toropova. [L'vov] Izd-vo L'vovskogo univ., 1965. 201 p.

SILICON—ANALYSES

Determination of silicon in aluminum alloys and hardeners. T. V. Matrosova, Z. A. Zubkova. Zav. lab. 31 no. 8:945-946 '65.

SILICON—ELECTRIC PROPERTIES

Field effect on a pure silicon surface. H. A. Katiyeli. Ukr. fiz. zhur. 10 no. 9:1038-1041 S '65

SILICON—PHOTOELECTRIC PROPERTIES

Oscillations of the extrinsic photoconductivity in silicon. I. V. Kriukova. Fiz. tver. tela 7 no. 8:2551-2553 Ag '65.

SILICON—ALUMINUM-NICKEL ALLOYS see Nickel-silicon-aluminum alloys

SILICON CATALYSTS

Catalytic properties of silicon. Dehydrogenation of formic acid. V. M. Frolov, F. K. Radzhabli, S. Z. Roginskii. Khim. i kat. 6 no. 4:747-748 Ji-Ag '65

SILICON CHLORIDES

Thermodynamic investigation of the reaction $\text{Si} + \text{Cl}_2 \rightleftharpoons \text{SiCl}_2$. V. N. Chechentsov, L. A. Firsanova, O. K. Perelchuk. Izv. vys. ucheb. zav., fiz. i khim. 8 no. 1:97-102 '65

SILICON-IRON see Ferrosilicon

SILICON-MANGANESE ALLOYS see Manganese-silicon alloys

SILICON ORGANIC COMPOUNDS see Organosilicon compounds

SILK MANUFACTURE see subdivision under Darnitsa (Ukraine), Kiev, Nukha District

SILKWORMS

Cytology of spermatogenesis in tetraploid male silkworms. Report No. 2: Cytometric study. I. S. Roginskii. Tsitologiya 6 no. 3:288-304 My-Je '64.

Effect of vitamins B₁₂ and B₆ on the growth and development of silkworm caterpillars. O. N. Mamedulizade, and others. Izv. AN Turk. SSR, Ser. Biol. nauk no. 3:50-51 '65.

SILLIMANITE

Paragenesis of hypersthene with sillimanite and its petrological significance. A. A. Marakushev, V. A. Kudryavtsev. Dokl. AN SSSR 164 no. 1:178-182 S '65.

SILS

Joints for precast reinforced concrete panels of rectangular silos. F. A. Issaev, V. A. Nozdnitskiy, V. B. Semenov. Prom. stol. 6 no. 8:28-31 '65.

SILOXANES

Fractional composition of (8-hydroxyquinoline) titanopolydimethylsiloxanes. K. A. Andrianov, I. A. Lavygin, N. V. Pertsova. Izv. AN SSSR. Neorg. mat. 1 no. 7:1001-1004 Ji '65.

Photoelastic effect in swollen polydimethylsiloxane. V. N. Trvetkov, A. F. Gileshchenko. Vysokom. soed. 7 no. 5:817-822 My '65.

Reactions of chloromethyl silanes and siloxanes with diatomic phenols. K. A. Andrianov, V. I. Pakhomov, N. I. Lapteva. Plast. massy no. 9:20-22 '65

Synthesis and polymerization of some polyfunctional vinylsiloxanes. L. E. Gusevnikov and others. Vysokom. soed. 7 no. 1:400-1405 Ag '65.

Synthesis of a chloro derivative of poly (aluminum organosiloxane) T. P. Avilova, V. T. Rykov, G. I. A. Zolotarev. Vysokom. soed. 7 no. 5:831-834 My '65.

SILOXANES—THERMAL PROPERTIES

Increasing the heat resistance of siloxane elastomers by the introduction of orienting agents. V. N. Gruber and others. Vysokom. soed. 7 no. 6:1122-1123 Je '65.

SILT

(see also subdivision under Black Sea)

Calculation of silting in a stream. H. A. Bad-zade, Ch. G. Nariev. Izv. AN Azerb. SSR, Ser. geol., geog. nauk no. 3:111-118 '65.

Distribution of lithium in lake deposits of salt. A. I. Mur, I. U. L. Viliyasing. Izv. AN Kazakh. SSR, Ser. khim. nauk 15 no. 2:25-32 Ap-Je '65.

Using precast reinforced concrete in construction on salt meads. A. Mikhil'skii. Prom. stol. i inzh. st. 1 no. 6:42-16 N-D '62

SILVER

Isotope oxygen exchange on silver films. G. K. Korotkov, A. V. Khasin, T. S. Starostina. Dokl. AN SSSR 164 no. 3:606-608 S '65.

SILVER BROMIDE

Gelatin absorption on silver bromide microcrystals. L. A. Zimkin, V. F. Kluchevich. Zhur. nauch. i prikl. fiz. i khim. 10 no. 5:397-399 S-O '65.

SILVER IONS

Arrangement of silver ions in zeolite AgX. O. A. Glonti, G. V. Tskitishvili, N. A. Shishakov. Dokl. AN SSSR 161 no. 2:368-370 S '65.

SILVER IONS—TOXICOLOGY

Comparative evaluation of the bactericidal properties of quargen and antibiotics in pure microbial cultures and their associations. V. S. Dergunov and others. Nauch. trudy Knz. gos. med. inst. 14:121-122 '61.

SILVER OXALATE

Effect of admixtures on certain physicochemical properties of silver oxalate. Part 5: Photolysis, radiolysis, and thermal decomposition of silver oxalate. I. U. A. Zakharov, G. G. Savelyev. Khim. i kat. 6 no. 1:611-618 Ji-Ag '65.

SIMILITUDE, THEORY OF

Essence of similitude criteria. V. A. Zhukhikov. Khim. prom. 11 no. 8:561-565 Ag '65.

SIMULATION METHODS

Gamma-ray spectrum of an artificial model of radioactive fallout. D. A. Jaznel' and others. Atom. energ. 19 no. 2:198-200 Ag '65.

Model of a heavy monatomic gas and unsteady thermalization of neutrons in lead. Sh. Kuzhebaev. Atom. energ. 19 no. 3:293-297 S '65.

Test stand study of the starting conditions for the I. V. Kurchatov Beloyarsk Nuclear Power Plant. V. N. Smolin and others. Atom. energ. 19 no. 3:261-268 S '65.

SINGAPORE

Failure as expected. M. Sergeev. Agitator 33 no. 18:53-50 S '65.

The new state of Singapore. A. Nikolaev. Mezhdunar. zhizn' 12 no. 10:115-117 O '65.

SINGING

Comparative characteristics of some functional changes in singing and speaking types of respiration in singers. I. D. Bozhko, V. I. Sorokina. Fiziol. zhur. 50 no. 12:1137-1143 D '61

SINGING—INSTRUCTION AND STUDY

Golubev, P. V. [Advice to young vocal teachers] Sovety molodym pedagogam-vokal'stam. [2. izd.] Moskva, Gos. muzykal'noe izd-vo, 1963. 85 p. (V pomoshch' pedagogu-muzykantu) (KU)

SINTERING

Automatic control of raw material feed in sintering plants. N. V. Degtiarik, A. V. Drinba. Mekh. i avtom. proizv. 10 no. 9:11-12 S '65.

Desulfuration of iron ores with their treatment in open air. G. M. Komissarov, I. S. Kulikov. Izv. vys. ucheb. zav.; Chern. met. 8 no. 8:28-33 '65.

Heat treatment of sinters. I. P. Khudorozhkov and others. Izv. vys. ucheb. zav.; Chern. met. 8 no. 10:37-41 '65.

High-temperature dilatometer for measuring the shrinkage during sintering. M. A. Kuzenkova, V. D. Akhmenko. Porush. met. 5 no. 9:76-80 S '65

STIGMASTEROL—PHYSIOLOGICAL EFFECT

Effect of combined introduction of para-amino benzoic acid and β -sitosterol on the course of experimental atherosclerosis in rabbits. A. F. Ryzhova. Biul. eksp. biol. i med. 60 no. 8:83-85 Ag '65.

SIVASH REGION (UKRAINE)—APRICOT—FROST RESISTANCE

Developing winter-hardy forms of apricot by sowing seeds of cultivated varieties in the Sivash Region of the Crimea. S. A. Kosykh. Agrobiologiya no. 6:649-652 S-O '65

SKALISTY RANGE (CAUCASUS)—KARST

Karst of the northern slope of the Skalisty Range in the Leba-Zelenchuka Interfluvium (Northern Caucasus). P. A. Kostin. Izv. vys. ucheb. zav.; geol. i razv. 8 no. 9:12-40 S '65.

SKELETON—RADIOGRAPHY

Evaluation of the mineral content of some parts of the human skeleton. T. I. Alekseeva. Vop.entr. no. 18 18-25 '64.

Results of repeated X-ray photometric investigation of the extent of mineralization of some portions of the human skeleton in living individuals. O. M. Pavlovskii. Vop.entr. no. 16 69-76 '64.

SKIN

Experimental study of chemical stains for the skin. L. A. Kol'usova, G. I. Livshits. Nauch. trudy Kaz. gos. med. inst. 14:205-206 '64.

SKIN—CANCER

(see also subdivision under Omsk Province)

Dynamics of the phagocytic function of leucocytes in the blood of patients with neoplastic diseases using fractionated and continuous methods of radiotherapy. A. S. Ozol. Nauch. trudy Kaz. gos. med. inst. 14:509-510 '64.

Effect of small doses of carcinogenic substances on the organism. I. M. Nelman. Vop.entr. 11 no. 7:63-67 '65.

Some functional studies in short focus skin disease. X-ray therapy of skin cancer. F. B. Lashenik. Med. rad. 10 no. 7:36-40 JI '65.

SKIN—DISEASES

Further study of some microelements in X-ray dermatitis. A. T. Soanovskii. Dokl. AN BSSR 9 no. 6, 419-421 Je '65.

Histochemical determination of glycogen in the skin following certain dermatoses. I. A. Prokopenko, F. A. Khomich. Dokl. AN BSSR 9 no. 7:492-494 JI '65.

Lesions of the skin in white rats following the introduction of Freund's adjuvant. V. V. Sura, I. V. Postnov. Biol. eksp. biol. i med. 60 no. 8:118-121 Ag '65.

Pathogenesis of allergy in skin diseases. A. I. Biziaev. Nauch. trudy Kaz. gos. med. inst. 14:107-108 '64.

SKIN—NECROSIS

Toxic epidermal necrolysis (Lyell's syndrome). N. N. Ter-Kaspetants. Sov. med. 28 no. 9:130-131 S '65.

SKIN—TUMORS

Papillomas induced with 9, 10-dimethyl-1, 2-benzanthracene following preliminary irradiation of skin sections. V. S. Turanov. Vop.entr. 11 no. 7:58-63 '65.

SKIN—WOUNDS AND INJURIES

Response of various zones of the injured epidermis to hormones. A. I. Bukhonova. Dokl. AN BSSR 104 no. 3: 712-715 S '65.

SKIS AND SKIING

Bergman, B. I., ed. [Skiing] Lyzhnyi sport. Moskva, Fizkul'tura i sport, 1965. 463 p.

[Training of young skiers; textbook for the trainers of children's and adolescents' athletic groups] Podgolovka lyzhnykh lyzhnikov, uchebnoe posobie dlia trenerov det-skikh i юношеских спортивной коллектив. Moskva, Fizkul'tura i sport, 1965. 322 p.

SKOBELEV, ALEKSANDR SERGEEVICH, 1886-1923

Return to literature. L. Berlovskaya. Vop. lit. 9 no. 9:232-233 S '65.

SKOCHINSKII, ALEKSANDR ALEKSANDROVICH, 1874-1960

Mel'nikov, N. V. [Academician A. A. Skochinskii, noted scientist of mining engineering and technology; report to the Scientific Council of the A. A. Skochinskii Mining Institute, September 23, 1964] Vydatushchestia delatel' gornoi nauki i tekhniki akademik A. A. Skochinskii; doklad na Uchenom soвете IG D im. A. A. Skochinskogo, 23 sentiabria 1964 g. Moskva, Inst. gornogo dela 1964. 17 p.

SKOPLJE REGION, YUGOSLAVIA—SEISMOLOGY

Study of seismic conditions in the Skopje region. E. A. Koridashin. Vest. AN BSSR 35 no. 9:82-85 '65.

SKOVORODA, GRIGORII SAVVICH, 1722-1794

Genre of fables in the works of G. Skovoroda. I. V. Ivan'ko. Rad. lit. 9 no. 8:24-33 Ag '65.

SKULL

Diversity in the quality of the structure of the human skull and ways for its detection. E. A. Masharskii. Vop.entr. no. 16:124-128 '64.

SKULL—WOUNDS AND INJURIES

Our experience in the treatment of craniocerebral lesions. B. A. Polianskii, N. V. Perevalova. Sov. med. 28 no. 9:116-121 S '65.

SKYLIGHTS

Use of plastics in skylight construction. K. Kh. Tugushev. Prom. stroi. 43 no. 6:16-18 '65.

SLAG

(see also subdivision under Ukraine)

Change in the composition of slag and matte as dependent on a partial pressure of sulfuric acid anhydride in the gaseous phase. A. N. Kvintkovskii and others. Izv. AN Kazakh. SSR. Ser. khim. nauk 15 no. 2:51-58 Ap-Je '65.

Characteristics of the process of converting metallized matters with treatment of ferritic slags. V. N. Mashur'lan, B. V. Lipin. Izv. vyz. ucheb. zav. i zav. met. 8 no. 3:39-46 '65.

Effect of aluminum oxide on the physicochemical properties of iron-magnesia silicate melts. N. A. Tolopov, B. A. Briantsev. Izv. AN BSSR Neorg. mat. 1 no. 7:1215-1220 JI '65.

Regulating slag conditions in the basic cupola furnace. V. V. Kilbas. Mashinostroenie no. 5:97-99 S-O '65.

SLAG—ANALYSE

Hydrogen solubility in slag depending on the slag composition. V. A. Kozheurov. Izv. vyz. ucheb. zav. i zav. met. 8 no. 10:5-13 '65.

The ternary system CaO - Al₂O₃ - SiO₂ and the classification of alumina blast furnace slags. V. S. Mal'tsev, V. D. Ponomarev. Izv. vyz. ucheb. zav. i zav. met. 8 no. 3:47-51 '65.

Using manganese limestone in oxygen blowing. S. S. Vol'kov and others. Izv. vyz. ucheb. zav. i zav. met. 8 no. 10:52-58 '65.

SLAG—TESTING

Application of the quasichemical theory to calculate the activity of silicate melt components. I. T. Sryvalin, O. A. Tsien. Izv. vyz. ucheb. zav. i zav. met. 8 no. 10:14-21 '65.

SLATE see subdivision under Dushanbe

SLAUGHTERING AND SLAUGHTERHOUSES

Losses caused by the holding of cattle without food for periods in excess of the established norms before slaughtering. I. A. Romennik. Khar. prom. no. 3:76-77 JI-S '65.

SLAVERY see subdivision under Rome

SLAVIC LANGUAGES—CONSONANTS

Genesis of prathetic consonants in Slavic languages. V. K. Zhuravlev. Vop. iaz. 14 no. 4:32-43 JI-Ag '65.

SLAVIC LANGUAGES—PHONETICS

Some problems in the theory of sound interchange. S. B. Bernshein. Sov. slav. no. 5:45-52 '65.

SLAVIC LANGUAGES—SYNTAX

From the unpublished works of A. A. Shakhmatov. L. I. Korotkova. Vest. LGU 20 no. 14:110-151 '65.

SLAVIC PHILOLOGY

In the Department of Slavic philology of Moscow University. V. P. Gudkov. Sov. slav. no. 9:101-102 '65.

The Sixth Ukrainian Conference of Slavic Studies. L. S. Kishkin, N. I. Tolstol. Izv. AN BSSR. Ser. lit. i iaz. 24 no. 4:370-372 JI-Ag '65.

SLAVIC STUDIES

(see also subdivision under Czechoslovakia)

Defense of dissertations. R. P. Grishina and others. Sov. slav. no. 5:105 '65.

Slavic studies in the Section of Medieval History of the Institute of History at the Academy of Sciences of the U.S.S.R. V. N. Malov. Sov. slav. no. 5:103-104 '65.

SLAVS

Combat cooperation of the Slavs during the years of the Second World War. T. S. Garbunov. Vest. AN BSSR. Ser. brann. nav. no. 2:14-19 '65.

SLEEP

Characteristics of falling asleep and awakening in children with various typological properties of the higher nervous activity. R. F. Strelbitskaya. Trudy. TSU 78:68-70 '65.

Role of deprivation of sleep in the genesis of obsessive fear. N. M. Asatiani. Probl. obshchei i sud. psikh. no. 14:70-76 '63.

SLEIGHS AND SLEDGES see subdivision under Vasil'sursk (Gorky Province)

SLIDE RULE

Calculation of a mean quadratic error by means of a slide rule. B. E. Ivanov. Mor. sbor. 48 no. 10:72-73 O '65.

SLOPES (PHYSICAL GEOGRAPHY)

(see also subdivision under Baikal, Lake)

Kaplina, T. N. [Cryogenic slope processes] Kriogennyye sklonovyye protsessy. Moskva, Nauka, 1965. 204 p.

SMALL CLAIMS COURTS see subdivision under Ukraine

SMALLPOX—PREVENTIVE INOCULATION see subdivision under White Russia

SMELTING FURNACES

Calculating heat transfer in copper smelting furnaces. Izv. vyz. ucheb. zav. i zav. met. 8 no. 4:161-170 '65.

Gas furnace for a secondary smelting of copper. V. V. Vajnski and others. Mashinostroenie no. 5:108-110 '65.

Method for leading-off and utilizing the gases of steel smelting converters. F. E. Efremov. Prom. stroi. 20 no. 9:20-21 S '65.

Thermocouple tips for continuous temperature control of copper smelting furnaces. P. S. Kinlyt and others. Ogneupoy 30 no. 9:36-39 '65.

SMIRNOVA, ANASTASIIA NIKITICHNA, 1888-1965

Anastasiiia Nikitichna Smirnova. Izv. AN BSSR. Ser. biol. nauk no. 3:95 '65.

SMOLENSK PROVINCE—OLD AGE HOMES

For the happiness of men. G. L. Kondov. Sochi. ches. 26 no. 6:40-41 Je '65.

SMUGGLING see subdivision under Italy

SNAKES see subdivision under Mugab Valley

SNAKES—FOOD see subdivision under Mugab Valley, Mugab Valley

SNOW see subdivision under Stannovoye Upland

SNOW SURVEYS see subdivision under Uktahar

SOAKING PITS

Calculation method for obtaining current information on heat exchange processes in soaking pits. M. A. Gerasimov and others. Izv. vyz. ucheb. zav. i zav. met. 8 no. 10:187-191 '65.

Heating of rail steel ingots in regenerative pits. B. A. Plekhanov, R. P. Radchenko, M. P. Vinogradov. Prom. stroi. 25 no. 9:837-840 S '65.

Studies on the heating conditions of transformer steel ingots. I. D. Zaidman, V. G. Borisenko. Mashinostroenie no. 9:34-35 S '65.

SOCHI—BATHS, MEDICATED

Treatment at Sochi-Mastota Health Resort of some chronic diseases of the liver, gallbladder and biliary tract with indications for hydrogen sulfide bath therapy. S. E. Kabanov, N. S. Gudzhuk, K. O. Nektarova. Vop. ku., fizioter. i lech. fiz. kul't. 20 no. 1:76-80 JI Ag '64.

SOCHI—BOOK SCORPIONS

A new species of pseudoscorpions Withius (Ichneumon) Kobachidze sp. n. from Sochi. D. N. Kobachidze. Vest. AN Gruz. SSR 38 no. 2:417-419 My '65.

SOCIAL CASE WORK

Following an unsuccessful man. V. Levonov. V. I. komm. no. 8:20-30 '65.

SOCIAL CLASSES

Erasing social class distinctions and the transition to a classless society. V. S. Semenov. Vop. lit. i iaz. 14:141-157 '65.

Prots'ko, M. A. [Obliteration of class distinctions in the process of the building of communism] Niti uchebl'nykh razlichii v protsessе stroitel'stva kommunisticheskogo obshchestva. Moskva, Mysl', 1965. 100 p.

SOCIAL HYGIENE see Public health

SOCIAL INSURANCE see Insurance, Social

SOCIAL PROBLEMS see subdivision under Tomsk

SOCIAL PSYCHOLOGY

Certain distinguishing characteristics in the formation of communist social psychology. B. D. Potyaylo. Vop. zap. Kaf. obshchestv. nauk vuz. i Len. i Leningrad. 10:191-203 '65.

Kolbanovskii, V. N., and B. F. Porsheev, ed. [Psychology of social psychology] Problemy obshchestvennoy psikhologii. Moskva, Mysl', 1965. 469 p.

Social psychology and pedagogical science. N. G. Mansurov. Sov. pedagog. 20 no. 9:61-61 S '65.

SOCIAL SCIENCES—STUDY AND TEACHING

Art of conversation. I. Zhuchenko. Prof. i tekhn. 22 no. 8:41 S '65.

Conference on theory and practice of history and social science teachers. P. S. Fedorenko. Rad. shk. 31 no. 10:106-108 S '65.

For further improvement in the teaching of social sciences. G. A. Borodach. Sred. spets. shk. 12 no. 4:44-47 Ag '65.

SOCIAL SETTLEMENTS see subdivision under Uman, Udo

SOCIALISM

Dialectics of modern social development. P. N. Fedoseev. Vest. AN SSSR 35 no. 9:3-21 '65.

Ivanova, M. K. [On the roads to the complete social unity of the nation]. Na shliakhakh povnoi sotsial'noi iednostoi natsii [Kyiv]. Vyd-vo Kyivs'koho univ., 1964. 57 p. (MI)

Saralov, Universitet. [Some aspects of the Marxist-Leninist theory and practice of the building of socialism, materials of the theoretical seminar for the graduate students of social science departments]. Nekotorye voprosy marksistsko-leninskoi teorii i praktiki sotsialisticheskogo stroitel'stva, materialy teoreticheskogo seminarov aspirantov kafedri obshchestvennykh nauk. Saralov, 1964. 2 v.

SOCIALISM—CONGRESSES

The International Conference of Socialists in Zimmerwald. L. A. Stepanov, I. A. G. Temkin. Nov. i noveish. ist. no. 5: 22-37 '65.

SOCIALISM AND WAR see War and socialism

SOCIALIST COMPETITION

(see also subdivision under Ukraine)

Campaign for footwear production of an excellent quality. Kozh.-obuv. prom. 7 no. 8:1-3 S '65.

Dont' atop with the achieved. G. Nochevnov. Nar. Khoz. Kazakh. 23 no. 8:43 Ag '65.

Organization of the All-Union Public Inspection of the Achievement of High Standards of Production and Improvement of Work Conditions in the enterprises of the Light and Textile Industry honoring the 50th Anniversary of the Great October Socialist Revolution. Kozh.-obuv. prom. 7 no. 8:1-4 Ag '65.

Plus the collective's search. V. Polynin. Sov. profsoyuz 21 no. 19:6-8 O '65.

Producing excellent work from the first days of the production season. Sakh. prom. 39 no. 8:1-3 S '65.

Results of the socialist competition of the collectives of synthetic rubber plants and enterprises of the tire industry during 1964. Kauch. i rez. 24 no. 5:55-56 My '65.

SOCIALIST PARTY see subdivision under Italy

SOCIALIST PROPERTY

Strengthen the role of arbitration in the struggle for the safety of socialist property during deliveries. Sov. gos. i pravo 35 no. 9:140-112 S '65.

SOCIALIST REALISM

The disputes concerning the concept of revolutionary art in the Czech literature of the 1920's. S. A. Shestakova. Sov. slav. no. 5:26-44 '65.

SOCIETY, PRIMITIVE

Kishinev, Universitet. [Materials for a course on the history of primitive society and the elements of ethnography; methodological textbook for correspondence students of the Faculty of History]. Materialy po kursu istorii pervobytnogo obshchestva i osnovam etnografii, metodicheskoe posobie dlia studentov zaochnykh istoricheskogo fakul'teta. Kishinev. Pt. 1. 1964. 174 p.

SOCIETY AND COMMUNISM see Communism and society

SOCIOLOGY

Lavrov, P. L. [Philosophy and sociology; selected works in two volumes]. Filosofiya i sotsiologiya, izbrannye proizvedeniia v dvukh tomakh. Moskva, Mysl'. Vol. 1. 1965. 751 p. (Filosofskoe nasledie)

SOCIOLOGY AND RELIGION see Religion and sociology

SODA INDUSTRY—EQUIPMENT AND SUPPLIES

Petrov, G. V. [Equipment of soda plants]. Oboorudovanie sodovykh zavodov. Khar'kov, Izd-vo Khar'kovskogo univ., 1965. 325 p.

SODIUM

Determining the content of potassium and sodium in the chemical analysis of silicates using the immersion method. T. N. Burakova. Min. i geokhim. no. 1:157-162 '64.

Effect of sodium on the properties of a platinum-alumina catalyst. N. R. Bursan, S. B. Kogan, Z. A. Davydova. Khim. i kat. 6 no. 4:744-746 Ji-Ag '65.

Using the method of liquid extraction in the production of potassium and sodium from corresponding chlorides. Li-Tkhia-str[Yi, Ch'a-a-li], I. N. Shokin. Trudy MKhIT no. 47:75-79 '64.

SODIUM ALUMINOSILICATES

Kinetics of the interaction of the unstable form of sodium aluminosilicate hydrate with alkali and aluminate solutions. L. P. Ni and others. Izv. vuz. ucheb. zav., teol. met. 8 no. 3:52-57 '65.

SODIUM BOROHYDRIDE

Mechanism of ferricyanide ion reduction by sodium borohydride. K. N. Mochalov, V. S. Khaif. Zhur. fiz. khim. 39 no. 8:1980-1984 Ag '65.

Sodium borohydride in organic analysis. Report 1: Determination of carbonyl group in organic materials. A. P. Toren'ev, I. S. Novikova. Zhur. anal. khim. 20 no. 7:836-841 '65.

SODIUM CARBONATES

Use of hexamethylenimine in the production of soda. Part 1. V. K. Startsev, I. N. Shokin. Trudy MKhIT no. 47:95-98 '64.

Use of hexamethylenimine in the production of soda. Part 2. V. K. Startsev, I. N. Shokin. Trudy MKhIT no. 47:99-102 '64.

SODIUM GALLATES

Effect of sodium gallate and some other polyphenols on the sugar level in the blood of intact and irradiated rabbits. V. A. Baraboi. Ukr. biokhim. zhur. 37 no. 1:579-588 '65.

SODIUM HYDRIDE

Thermodynamics of the reduction of oxides by sodium hydride in an alkaline melt. N. V. Bogoslavskina and others. Ukr. khim. zhur. 31 no. 8:783-788 '65.

SODIUM IN THE BODY

Changes in the content of sodium and potassium in the plasma and erythrocytes of cancer patients before and following surgery. B. A. Agayev. Azerb. med. zhur. 42 no. 4:20-27 Ap '65.

SODIUM SALTS

Mechanism of the solvation of a sodium ion with some ethers during the formation of anion radicals. E. S. Petrov, A. I. Shatenshtein. Teoret. i eksper. khim. 1 no. 3:347-351 My-Je '65.

SODIUM SULFATES—PHYSIOLOGICAL EFFECT

Effectiveness of sodium sulfate supplements in mixed sillage types for swine. O. A. Verbits. Khim. v sel', khoz. 3 no. 8:84-86 Ag '65.

SOFT DRINK INDUSTRY

Group arrangement of carbonated water vending machines. Sov. torg. 38 no. 8:55 Je '65.

SOIL, PODZOLIC see Podzol

SOIL CHEMISTRY

(see also subdivision under Polesya)

Borisova, N. L., and others. [Use of the method of labeled atoms in soil chemistry]. Primenenie metoda mechenykh atomov v agrokhimii. Pod obshch. red. V. V. Rachinskogo. Moskva, Sel'khoz. akad., 1963. 47 p. (Praktikum po primeneniiu izotopov i izlucheni v sel'skom khoziaistve, no. 9)

Leningrad, Universitet. [Chemistry in the natural sciences]. Khimiia v estestvennykh naukakh. [Leningrad] Izd-vo Leningr. univ., 1965. 216 p. (DIAL)

Possibility of an accelerated extraction of "mobile" phosphorus, according to V. P. Machigin, by means of ultrasonic. V. V. Vasil'ev, P. G. Grabarov, T. P. Turchaninova. Vest. LGU 20 no. 16:107-112 '65.

SOIL CONSERVATION see subdivision under Georgia; Volograd Province

SOIL DISINFECTION

Microbiological disinfection of soils. N. A. Krasnitsnikov. Agrokhimia no. 9:10-27 S '65.

SOIL FERTILITY

(see also subdivision under Altai Mountains)

Phlorizin as a factor decreasing fertility of soils in orchards. Kh. i. Milda. Agrokhimia no. 9:109-112 S '65.

Popova, N. V. [The salt of fertility]. Sol' plodородiln. Saransk, Mordovskoe knizhnoe izd-vo, 1964. 30 p. (DIAL)

SOIL FORMATION

Characteristics of soil formation in forests and cutovers in the subzone of the central taiga. I. S. Kaurichev, L. N. Frolova. Lev. TSKHA no. 2:142-157 '65.

SOIL FUNGI see subdivision under Armenia

SOIL MECHANICS

Analysis of plane plastic deformation of soil. A. S. Stroganov. Inzh. zhur. 6 no. 4:734-742 '66.

Computing the soil pressure on a retaining wall. V. Rukh. Rech. transp. 24 no. 5:46-49 '65.

Significance of the statistical processing of the data on the resistance to the shift of clay soils. I. U. B. Osipov. Vest. Mosk. un. Ser. 4 Geol. 20 no. 4:61-65 Ji-Ag '65.

Unstability of the stressed state of non drained clayey soils. Z. G. Ter-Martirosian. Izv. AN Arm. SSR. Ser. tekhn. nauk 18 no. 4:40-48 '65.

Verification of the carrying capacity of underlying layers in calculating the deformations of foundation beds. I. Rozenfeld. Pron. stroit. i inzh. soor. 7 no. 4:44-45 Ji-Ag '65.

SOIL MICRO-ORGANISMS

Distribution of protozoomycetes in turf-Podzolic and Chernozem soils. E. Z. Tepper, I. A. Kariagina. Izv. AN SSSR. Ser. biol. no. 5:772-775 S-O '65.

SOIL MOISTURE see subdivision under Estonia; Kopetdag; Kulunda Steppe, Russia; Northwestern

SOIL MOISTURE—EFFECT ON PLANTS see Plants, Effect of soil moisture on

SOIL MOISTURE—MEASUREMENT

Problems of the theory and methodology of the gamma-scope method of measuring soil moisture. M. T. Dmitriev. Trudy NIIGMP no. 14:116-132 '65.

SOIL RESEARCH

Rachinskii, V. V. [Use of labeled atom methods in soil science and melioration]. Primenenie metodov mechenykh atomov v pochvovedenii i melioratsii. Moskva, Sel'khoz. akad., 1962. 92 p. (Praktikum po primeneniiu izotopov i izlucheni v sel'skom khoziaistve, no. 8)

SOIL STABILIZATION

Determination of the parameters of the shear strength of eluvial clay prisms based on the test results of a sample in a stability tester. V. V. Lushnikov. Izv. vuz. ucheb. zav., stroit. i. arkhit. 8 no. 0:34-40 '65.

Experimental construction of residential buildings, the loose base of which is compacted by their dead weight. B. I. Chernyi and others. Izv. vuz. ucheb. zav., stroit. i. arkhit. 8 no. 0:20-26 '65.

Stabilization of heavy clay suspensions. V. I. Tricinnik, F. D. Ovcharenko, G. K. Slopyshova. Ukr. khim. zhur. 31 no. 8:785-789 '65.

SOIL STABILIZATION—ESTIMATES

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 6 of standard district uniform estimates for construction operations; artificial water level lowering and drainage. Artificial soil compaction]. Sbornik No. 6 edinykh rayonnykh edinchnykh tsen na stroitel'nye raboty i iskusstvennoe vodopozhizhenie i osushenie. Iskustvennoe zakreplenie gruntov. Moskva, Stroiizdat, 1965. 21 p.

SOIL TEMPERATURE

(see also subdivision under Estonia)

Effect of temperature conditions on the process of soil desalinization. D. Sattarov. Dokl. Akad. sel'khoz. nauk no. 5:42-45 My '65.

SOILS see subdivision under Hovlya Valley; Issyk-Kul' Depression

SOILS—ABSTRACTS

[Soil science. Fertilizers. Reclamation] Ref. zhur., Pochv. ucheb. met. no. 18 S '65.

SOILS—AMMONIUM CONTENT

Dynamics of ammonium nitrogen in light-colored chestnut soils as related to the irrigation and fertilization of corn. L. T. Sabirova. Vest. sel'khoz. nauk [Kazakh] 3 no. 8:35-38 Ag '65.

SOILS—ANALYSES

(see also subdivision under Kazakhstan)

Determining the dafene content of soil and of the green bulk of plants. L. M. Fukeil'man. Khim. v sel', khoz. 3 no. 8:50-53 Ag '65.

Determining the residual quantities of simazine and atrazine in the grain of corn and in the soil. T. A. Baida. Khim. v sel', khoz. 3 no. 8:53-55 Ag '65.

Separation and quantitative determination of fulvic acids of soils. V. V. Vil'iams. Izv. TSKHA no. 2:126-141 '65.

Studying soil particles below 0.1 mm by the methods of thermography and infrared spectroscopy. B. A. Dapakhov, A. A. Salmukhametova. Izv. TSKHA no. 2:158-164 '65.

SOILS—BIBLIOGRAPHY see Bibliography—Soils

SOILS—BORON CONTENT see subdivision under Siberia, Western

SOILS—CLASSIFICATION

(see also subdivision under Kazakhstan; Soviet Central Asia)

Principles underlying the classification of arable soils. V. A. Dolotov. Pochvovedenie no. 8:55-62 Ag '65.

SOILS—GOLD CONTENT

Determination of gold in plants and soils in hydrochemical studies. Kh. Arpova, P. L. Priklad'ko. Uzb. geol. zhur. 9 no. 4:50-53 '65.

- SOILS—MAPS**
Methodology of aerial mapping of soils for irrigation purposes. V. V. Kuznetsov. *Pochvovedenie* no. 8-10-17 '65.
Preliminary interpretation of aerial soil photographs in making large-scale soil maps. V. A. Kalina. *Pochvovedenie* no. 8-10-17 '65.
- SOILS—NITROGEN CONTENT** see subdivision under Siberia, Western
- SOILS—PHOSPHORUS CONTENT** see subdivision under Ob' Valley
- SOILS—TRACE ELEMENT CONTENT** see subdivision under Central Chernozem region, Karabulak District; Novgorod Province
- SOILS—ZINC CONTENT**
(see also subdivision under Leningrad Province)
Determination of zinc in soils by the spectral method. V. S. Sumbueva, S. V. Sverchinskaya, S. V. Shipitsyn. *Zhur. anal. khim.* 20 no. 7 889-891 '65.
- SOILS, SALTS IN** see subdivision under Chu Valley, Murgab Delta
- SOKOLOV, BORIS IVANOVICH, d. 1965**
Boris Ivanovich Sokolov, obituary. *Ferm. i spirt prom.* 31 no. 6 47 '65.
- SOLAR RADIATION**
Change in the long-wave radiation field in the atmosphere during winter. G. N. Kostianoi. *Izv. AN SSSR, Fiz. atm. i okean* 1 no. 8-823-832 '65.
Changes in temperature and geopotential caused by the radiation supply of heat. P. N. Belov, A. F. Kivganov. *Trudy MMTS* no. 8 55-67 '65.
Dependence of the light conditions in corn plantings on the arrival of solar radiation on the European territory of the U.S.S.R. V. A. Shablevskaya. *Trudy TSIP* no. 145 126-135 '65.
Ground measurements of the angular distribution and spectral structure of diffuse sky radiation. V. I. Kushpil'. *Trudy GGO* no. 170 156-168 '65.
Intensity of circumsolar radiation under standard conditions. G. L. Shubova. *Trudy GGO* no. 170-188-191 '65.
Leaving radiation in the cloudy atmosphere. N. V. Gromova, E. M. Feigelson. *Izv. AN SSSR, Fiz. atm. i okean* 1 no. 9 932-963 '65.
Mesostructure of the integral radiation field of the earth as a planet. V. A. Baryshev. *Izv. AN SSSR, Fiz. atm. i okean* 1 no. 8 815-822 '65.
On the possibility of forecasting the Irtysh River break-up time depending on the changes in solar activity. P. V. Borisov. *Izv. Omsk. otd. Geog. ob-va* no. 6-33-38 '64.
Relation of the long-wave radiation field to synoptic conditions in summer. G. N. Kostianoi. *Meteor. i gidrol.* no. 10 29-32 '65.
Spectral composition of short-wave solar radiation. K. I. Kondratiev, and others. *Izv. AN SSSR, Fiz. atm. i okean* 1 no. 9 929-940 '65.
Spectral distribution of radiation reflected from the earth in the ozone absorption band of 0.20-0.34 μ . T. A. Germogenova, M. S. Alkuvich. *Izv. AN SSSR, Fiz. atm. i okean* 1 no. 9 941-951 '65.
- SOLAR RADIATION—MATHEMATICAL MODELS**
Modeling radiation conditions during solar flares on the trajectory of the flight around the moon. V. S. Morozov, and others. *Probl. kosm. biol.* 4 701-708 '65.
- SOLAR RADIATION—MEASUREMENT**
Use of measurements of outgoing radiation for calculating the temperature of the earth's surface and the altitude of the upper boundary of clouds. V. G. Boldyrev. *Trudy MMTS* no. 8 58-75 '65.
- SOLDER AND SOLDERING**
Solder for aluminum alloys. V. L. Gishin, D. L. Khadzhi, Svar. protzv. no. 12-30-31 '65.
- SOLDIER FLIES** see subdivision under Zerafshan Range
- SOLDIERS**
(see also subdivision under Europe, Western; Vilnius Province)
Shilo, N. K. [Right-flank men] *Pravoflangovye*. Moskva, Voenizdat, 1965 110 p. (Biblioteka soldats i matoros)
- SOLID FILM—MEASUREMENT**
Solution of problems in the theory of sounding measurements of the parameters of semiconductor films. V. L. Kon'kov. *Pril. mat. i mekh.* 29 no. 4 792-794 '65.
- SOLID SOLUTIONS** see Solutions, Solid
- SOLID STATE PHYSICS**
Akademiya nauk SSSR. Institut nauchnoi informatsii. [Solid state physics, theory of a solid] *Fizika tverdogo tela, teoriya tverdogo tela*. Moskva, 1965. 236 p. (Logi nauki)
- SOLIDIFICATION**
Effect of certain alloying elements on the temperature of the beginning of steel solidification. A. G. Lifshits, F. P. Fudneal. *Izv. vyz. ucheb. zav. chem. met.* 8 no. 9 74-79 '65.
- SOLOVCHAK SOILS** see subdivision under Golodnyay Steppe
- SOLUBILITY**
The salting-in and salting-out phenomena in ideal systems. E. Abramov. *Vest. AN Kazakh. SSR* 21 no. 9 16-26 '65.
Solubility equation for ternary aqueous salt systems. Report 1. Theoretical derivation of solubility equation. A. N. Kirgintsev. *Izv. AN SSSR, Ser. khim.* no. 9 1591-1598 '65.
Solubility of acetylene, methylacetylene, propadiene and diacetylene in n-octane. E. R. Shenderel. *Khim. prom.* 41 no. 8 590-595 '65.
Solubility of metal oxides in molten borax. I. U. K. Dalmat'skiy, G. D. Nazarenko. *Ukr. khim. zhur.* 31 no. 8; 813-817 '65.
Solubility of paraffin products from the Ozek-Suat oil in selective solvents. A. P. Grishin, M. Kh. Azizova. *Khim. i tekhn. topl. i masel* 10 no. 8-12-15 '65.
Solubility of propylene in aromatic hydrocarbons. V. P. Marshutpa and others. *Khim. prom.* 41 no. 8 585-597 '65.
Solubility of water in individual hydrocarbons. B. A. Englin and others. *Khim. i tekhn. topl. i masel* 10 no. 9-12-46 '65.
Using the method of nuclear magnetic resonance to determine the solubility limit in binary alloys. M. P. Lapenkov, V. N. Fedorov. *Izv. vyz. ucheb. zav. chem. met.* 8 no. 9 139-141 '65.
X-ray study of the mutual solubility of solid phases in the ternary systems KCl - NaCl - CsCl₃ and KCl - NaCl - VCl₃. I. V. Vasil'kova and others. *Vest. LGU* 20 no. 16 126-132 '65.
- SOLUTION (CHEMISTRY)**
Solubility of copper monochloride in aqueous solutions of NaCl, NaCl + CuCl₂ and NaCl + Na₂SO₄. G. N. Shu, I. N. Shokin, A. G. Kuznetsova. *Trudy MKITI* no. 47, 111-111 '64.
Study of the systems metal - anion - basic dye - organic solvent. Forms of a dye-reagent and their optical characteristics. I. A. Blum, N. N. Pavlova. *Zhur. anal. khim.* 20 no. 9 898-910 '65.
- SOLUTION (CHEMISTRY)—THERMODYNAMICS**
Experimental investigation of some thermodynamic properties of composite solutions at low temperatures (-10 to -195° C.). S. I. Kosterlin, B. M. Pavlov. *Inzh.-fiz. zhur.* 9 no. 3 323-327 '65.
Solubility equation for ternary aqueous salt systems. Report 1. Theoretical derivation of solubility equation. A. N. Kirgintsev. *Izv. AN SSSR, Ser. khim.* no. 9 1591-1598 '65.
- SOLUTIONS, SOLID**
Anisotropy of the properties of solid solutions in the system Bi₂Te₃ - Bi₂Se₃ produced by powder metallurgy. G. N. Gordakova, S. S. Shani. *Izv. AN SSSR, Neorg. mat.* 1 no. 7 1098-1103 '65.
Anomalous scattering of X rays by tiny crystals of the precipitating β -phase at the late stages of breakdown of a supersaturated solid solution of zinc in aluminum (Al-Zn). O. V. Kleshechev, D. V. Shumilov. *Trudy Chel. gos. ped. inst.* 2 191-194 '64.
Chemistry of aluminum-base solid solutions. B. B. Gusev. *Dokl. AN SSSR* 164 no. 1 103-105 '65.
Chemistry of titanium-base solid solutions. B. B. Gusev. *Dokl. AN SSSR* 164 no. 3 574-576 '65.
Continuous solid solutions and their decomposition on the melting diagram of a reciprocal system consisting of potassium and cesium chlorides and iodides. I. I. Il'iasov, A. G. Bergman. *Ukr. khim. zhur.* 31 no. 8; 772-775 '65.
Effect of pressure on the limits of solid solutions. V. A. Kirshinskii. *Geokhimiya* no. 5 534-543 '65.
Nature of internal friction peaks in interstitial solid solutions with face-centered cubic lattices. V. D. Verner. *Fiz. tver. tela* 7 no. 8 2318-2326 '65.
Phase diagram of the system Cs₂Rb_{1-x}NO₃. A. I. Dantziger. *Fiz. tver. tela* 7 no. 8 2270-2281 '65.
Preparation of solid solutions InAs_{1-x}P_x of constant composition along the length of the ingot. I. A. Ugal and others. *Izv. AN SSSR, Neorg. mat.* 1 no. 7 1104-1108 '65.
Study of the boundaries of a single-phased region near gallium antimonide in the system Ga - Sb - Te. N. A. Gorjunova, A. A. Abdurakhmanova, M. I. Aliev. *Dokl. AN Azerb. SSR* 21 no. 5 13-16 '65.
- Thermoelectric properties of solid solutions of antimony with arsenic. N. Kh. Abrikosov and others. *Izv. AN SSSR, Neorg. mat.* 1 no. 7 1021-1024 '65.
- SOLUTIONS, SOLID—MAGNETIC PROPERTIES**
Magnetic susceptibility of solid solutions of nickel oxide in magnesium oxide. N. L. Lukhnyk, G. A. Rykova. *Vest. LGU* 20 no. 16 123-125 '65.
- SOLUTIONS, SUPERSATURATED**
Effect of the cooling rate on the formation of a metastable supersaturated solid solution in Al-Mn and Al-Cu alloys. L. M. Burlov, A. A. Kalina. *Zhur. fiz. khim.* 30 no. 10 1927-1931 '65.
- SOLVATION**
Mechanism of the solvation of a sodium ion with amine ethers during the formation of anton radicals. I. S. Petrov, A. I. Shumennik. *Teoret. i ekspr. khim.* 1 no. 3 347-351 '65.
- SOLVENTS**
Certain features of the synthesis of aromatic polyamides in solvents of the amide type. V. N. Savina, I. I. Kiselev. *Vysokomol. soed.* 7 no. 5 712-717 '65.
Extraction of titanium and zirconium from sulfate solutions. P. G. Zhuravskii, L. M. Vlasovskaya. *Ukr. khim. zhur.* 31 no. 8 839-841 '65.
- SOMALIA—GEOGRAPHY**
Sergeev, I. S. [The Republic of Somalia, the geographical characteristics] *Somalitskaya respublika; geografiya i obshchestvenno-ekonomika*. Moskva, Myat', 1965, 190 p.
- SOMATOTROPIN**
Somatotrophic hormone of the hypophysis and the mesencephalon. S. M. Letts. *Sov. vop. endok.* no. 2 100-111 '65.
Species characteristics of the somatotrophic hormone (growth hormone). I. A. Fedin. *Sov. vop. endok.* no. 105-135 '65.
- SOMOV, IOSEF IVANOVICH, 1815-1876**
Iosif Ivanovich Somov; on the 150th anniversary of his birth. *Vest. Mosk. univ. Ser. I: Mat. i mekh.* 30 no. 10-14 8-10 '65.
- SOOT**
Optimum dispersion of soot particles in the flame. I. V. Ryzhkov, V. A. Kivandina. *Izv. vyz. ucheb. zav. chem. met.* 8 no. 9 201-205 '65.
- SORBENTS**
Preparation of sorbents for the gas-liquid chromatography. V. G. Belovskii, V. I. Pakhomov. *Khimiya i tekhn. topl. i masel* 10 no. 9 559-61 '65.
- SORGE, RICHARD, 1895-1944**
Kola'kov, I. M. [A man, for whom there were no secrets (Richard Sorge)] *Chelovek, dlia kakogo ne bylo tajn* (Richard Sorge). Moskva, Politizdat, 1965 236 p.
- SORGHUM**
(see also subdivision under Caucasus, Northern; Stavropol' Province)
Effect of treating seeds with lactic acid before sowing on the productivity, ripening, and chemical composition of sorghum crops. I. I. Gidashvili. *Agrokhimika* no. 9 91-102 '65.
- SOROKHITIN, GEORGI NIKOLAEVICH, 1894-**
Georgii Nikolaevich Sorokhitin; on his 70th birthday. *Fiziol. zhur.* 50 no. 12 1512-1514 '65.
- SORPTION**
Contribution to the theory of sorption dynamics under conditions of steady-state front formation. M. V. Safonov. *Zhur. fiz. khim.* 39 no. 8 1919-1920 '65.
Sorption of titanium and zirconium from fluoride-containing solutions by anion exchangers. V. S. Paltovskiy, V. I. Zabolotnykh, V. I. Ustinov. *Izv. vyz. ucheb. zav. chem. met.* 8 no. 3 93-99 '65.
- SOSNOWSKI, JERZY, 1890-**
The cavalry captain Sosnowski at war. V. Gilevskiy. *Voen.-isl. zhur.* 7 no. 9 26-30 '65.
- SOUND**
Sound production by vibrating plates. V. A. Popov. *Trudy LIT* 252:59-67 '65.
- SOUND—PHYSIOLOGICAL EFFECT**
Electrical responses of the cochlea in rats under the effect of short sound signals (clicks). I. A. Vostrikov, A. M. Masueva. *Fiziol. zhur.* 51 no. 2 103-104 '65.
Method of inducing audiogenic convulsions. I. A. Vostrikov. *Pat. fiziol. i eksp. topn.* 9 no. 3 73-79 '65.
- SOUND—RECORDING AND REPRODUCING**
Calculating the limiting values of the polarizing voltages of electrostatic sound converters. I. A. Sh. Vakhitov. *Trudy LKI* no. 10 37-46 '64.

SOUND—RECORDING AND REPRODUCING (Continued)

Preparation of sound tracks for wide-screen and regular variations of wide film. L. V. Nikul'skii. *Tekhnika i telemekhanika* no. 8, 1965, 3-4, 1965.

Use of the "positive" photographic sound track in film copying. A. I. Seredinskiy. *Trudy LKI* no. 10, 103-110, 1964.

SOUND—SPEED

Velocity of sound and heat of sublimation in metals. N. F. Otupshchennikov. *Izv. vuzov, ucheb. zap.*, 1965, no. 3, 30-34, 1965.

SOUND PRODUCTION BY ANIMALS

Study of sardine and tuna fish sound. G. P. Timofeev. *Ryb. khoz.* 41 no. 7, 25-27, 1965.

SOUND WAVES

Vibrations of an acoustic wave emitted by an orthotropic shell containing a flowing ideal gas. V. V. Stepanuk. *Dop. AN URSR* no. 9, 1145-1149, 1965.

SOUND WAVES—SPEED

Study of the fine structure of a line of scattered light, and the propagation of hyper sound. I. L. Fabel'skii. *Usp. fiz. nauk* 87 no. 1, 9-15, 1965.

SOUTH AFRICA, REPUBLIC OF—RACE DISCRIMINATION

The court of the people is a just court. *Sov. iust.* 29 no. 16, 11-13, 1965.

SOUTH ALAMYSK OIL FIELD—PETROLEUM PRODUCTION, THERMAL

Electric heating of well bottom zones in the South Alamyshk field. F. M. Smolin and others. *Nefteprom. delo* no. 6, 16-18, 1965.

SOUTH KAZAKHSTAN PROVINCE see Chimkent Province

SOUTH KOREA see Korea, South

SOUTH MANGYSHLAK OIL FIELD—PETROLEUM PRODUCTION

Give efficient help to Southern Mangyshlak. N. Altzhanov. *Nar. khoz. Kazakh.* 23 no. 8, 50-59, 1965.

SOUTHEAST ASIA TREATY ORGANIZATION

A black year for SEATO. L. Suchkov. *Az. i Af. seg.* 9 no. 9, 20-21, 1965.

SOUTHERN BUG RIVER ESTUARY—SEAWATER—COMPOSITION

Regime of chlorine, alkalinity, and oxygen in the mouth of the Southern Bug. E. P. Khilov. *Trudy GOIN* no. 83, 158-171, 1965.

SOUTHERN GOLODNAYA STEPPE CANAL—WATER, UNDERGROUND

Effect of the Southern Golodnaya Steppe Canal on the regime of ground waters. A. F. Shadrin, K. G. Gontsev. *Uch. zap. Kazan. univ.* 9 no. 4, 45-49, 1965.

SOUTHERN HEMISPHERE—ATMOSPHERE

Characteristics of the tropopause over the southern hemisphere. V. I. Chaprin. *Trudy NIAG* no. 29, 41-53, 1965.

Day-to-day variability of the tropopause over the southern hemisphere. V. I. Chaprin. *Trudy NIAG* no. 29, 54-60, 1965.

Seasonal and annual characteristics of the atmosphere of the southern hemisphere. Z. I. Gavrilova. *Trudy NIAG* no. 29, 15-28, 1965.

SOUTHERN HEMISPHERE—METEOROLOGY

A short survey of works on the aeroclimatology of the southern hemisphere. Z. I. Gavrilova. *Trudy NIAG* no. 29, 3-14, 1965.

SOUTHERN RHODESIA see Rhodesia

SOVIET BLOC see Communist countries

SOVIET CENTRAL ASIA

Rudzianskiy, D. I. [Brothers of one family] Brat'ia sem' i edinol. Ashkhabad, Turkmenskoe izd-vo, 1964, 32 p. (CSU-11)

SOVIET CENTRAL ASIA—FORESTS AND FORESTRY

Pasture-protecting belts in deserts and their significance for forestry. M. P. Petrov, L. S. Gusevskaya. *Izv. AN Turk. SSR, Ser. biol. nauk* no. 3, 7-14, 1965.

SOVIET CENTRAL ASIA—GLACIAL EPOCH

Uniform character of the contraction of Würmian glaciers in the mountains of Central Asia, Eastern Siberia, and Kamchatka. E. V. Maksimov. *Dokl. AN SSSR* 161 no. 3, 637-639, 1965.

SOVIET CENTRAL ASIA—HELICOPHYLLUM

Materials on morphology and biology of *Emilia ulmanii* (Bge.) Ktze. A. A. Meshcherjakov. *Izv. AN Turk. SSR, Ser. biol. nauk* no. 4, 59-61, 1965.

SOVIET CENTRAL ASIA—LEAD ISOTOPES

Isotope composition of the lead of intrusive rocks in various metallogenic zones of Central Asia. A. V. Rabinovich, M. N. Golubchina, T. M. Murtagina. *Geokhimiya* no. 5, 510-528, 1965.

SOVIET CENTRAL ASIA—MINORITIES

Khidiyatov, G. A. [Truth against lies] Pravda protiv lizhi. Tashkent, "Uzbekistan," 1964, 202 p. (CSU-11)

SOVIET CENTRAL ASIA—PASTURES AND MEADOWS

Pasture-protecting belts in deserts and their significance for forestry. M. P. Petrov, L. S. Gusevskaya. *Izv. AN Turk. SSR, Ser. biol. nauk* no. 3, 7-14, 1965.

SOVIET CENTRAL ASIA—SHEEP—WATERING

Magnitude of the radius of a watering place for sheep and basic principles of the distribution of watering stations in pastures. I. I. Babenko. *Nauch. trudy VNIIGIM* 45, 176-187, 1965.

SOVIET CENTRAL ASIA—SHEEP BREEDING

Propagandist, talk about this: Sheep breeding is a remunerative undertaking. G. Gumarov, Sh. Mamedov. *Aglator* 33 no. 18, 40-42, 1965.

SOVIET CENTRAL ASIA—SOILS—CLASSIFICATION

Interpublic expedition of the soil scientists of Central Asia and Kazakhstan for coordinating the problems of soil classification and nomenclature. A. Z. Genusov and others. *Pochvovedenie* no. 8, 123-124, 1965.

SOVIET CENTRAL ASIA—WATER, UNDERGROUND

Some problems in the hydrogeology of arid zones of the U.S.S.R. N. A. Kenesarin. *Vest. AN SSSR* 35 no. 9, 47-51, 1965.

SOVIET FAR EAST—AMMONOIDEA

First find of Rhynchonella in the northernmost U.S.S.R. A. I. Afitskiy. *Paleont. zhur.* no. 3, 137-138, 1965.

SOVIET FAR EAST—ATMOSPHERIC TEMPERATURE

The invasion of coldness on the Amur region and the Maritime Territory during October 19-20, 1956. V. K. Potenko. *Trudy ISIP* no. 146, 43-52, 1965.

SOVIET FAR EAST—CHEMICAL INDUSTRIES

Orzhigov, E. P. [Chemistry in the Far East] Khimiya na Dal'nem Vostoke. Vladivostok, Dal'nnevostochnoe knizhnoe izd-vo, 1965, 93 p.

SOVIET FAR EAST—CLOTHING INDUSTRY

Clothing industry of the Far East. N. I. Botov, Shvein, prom. no. 3, 14-17, My-Je, 1965.

SOVIET FAR EAST—GLACIAL EPOCH

Uniform character of the contraction of Würmian glaciers in the mountains of Central Asia, Eastern Siberia, and Kamchatka. E. V. Maksimov. *Dokl. AN SSSR* 161 no. 3, 637-639, 1965.

SOVIET FAR EAST—ISPODA

Desmosomatidae (Crustacea, Isopoda) of the Far Eastern seas of the U.S.S.R. O. G. Kuznetsov. *Izsl. fauny mor.* 3, 115-141, 1965.

SOVIET FAR EAST—ROCKS, IGNEOUS—DENSITY

Density and magnetization of igneous rocks of some regions of northeastern part of the U.S.S.R. T. P. Zimnikova. *Trudy SVKNII* no. 9, 159-169, 1964.

SOVIET FAR EAST—ROCKS, IGNEOUS—MAGNETIC PROPERTIES

Density and magnetization of igneous rocks of some regions of northeastern part of the U.S.S.R. T. P. Zimnikova. *Trudy SVKNII* no. 9, 159-169, 1964.

Magnetic properties of granitoids in the northeastern part of the U.S.S.R. D. M. Pechevskii. *Trudy SVKNII* no. 9, 165-167, 1964.

SOVIET UNION see Russia

SOVIETS

(see also subdivision under Estonia; Lvov Province; Moldavia, Ukraine; Vinnitsa Province)

A discussion of the problems of local self-government in the U.S.S.R. K. N. Sov. gos. i pravo 35 no. 9, 133-135, 1965.

Elevating the role of the organs of the district soviets. N. T. Savchenkov. *Sov. gos. i pravo* 35 no. 9, 12-29, 1965.

Riabchuk, G. E. [Settlement of worker's deputies] Poselkovyi Sovet deputatov trudashchikhsia. Moskva, Izdaticheskaia literatura, 1965, 64 p.

SOWS

Artificially controlled sterilization of young pigs by ultrasonic waves. N. I. Poliantsev, N. A. Poliantseva. *Veterinariia* 41 no. 12, 47-49, 1964.

Indices of protein and its fractions in the blood of a brood sow. P. N. Mikhailov, K. N. Kondrakhina, V. A. Smutina. *Dokl. Akad. sei. SSSR, biol. nauk* no. 7, 30-33, 1965.

Organization of work for ovariectomy in young swine. N. P. Solov'ev. *Veterinariia* 41 no. 12, 49-51, 1964.

SOYBEAN see Subdivision under Alma-Ata Province

SOYBEAN FLOUR

Use of the products from soybean processing in the manufacture of confectionery goods. F. B. Giger'ev. *Khleb i kond. prom.* 9 no. 9, 15-16, 1965.

SOZH VALLEY—STONE AGE

Some results of the investigation of neolithic sites in the Sozh River Basin. V. F. Iasenska. *Vest. AN BSSR, Ser. hram. nauk* no. 2, 80-88, 1965.

SPACE AND TIME

Algebraic characteristics of the energy-momentum tensor, and vacuum-like states of matter. E. H. Gilner. *Zhur. eksp. i teor. fiz.* 49 no. 2, 542-548, 1965.

SPACE BIOLOGY

Biological evaluation of radiation conditions on route from the earth to the moon. Yu. M. Volynkin and others. *Probl. kosm. biol.* 1, 127-138, 1965.

Cybernetics and space biology. N. A. Chekhonadskii. *Probl. kosm. biol.* 1, 195-205, 1965.

Results of biological tests during the flight on "Vostok" ships with the participation of the astronauts. A. G. Nikolaev, P. R. Popovich and V. F. Bykovskii. V. V. Antipov and others. *Probl. kosm. biol.* 1, 248-260, 1965.

Some problems of the ecology of man in closed systems involving a metabolic cycle. I. A. Shepelev. *Probl. kosm. biol.* 4, 169-179, 1965.

Survey of bioclimatological research works in 1963. *Kosmos* no. 2, 95-112, 1963.

Ultraviolet irradiation of plants as a problem of space phytophysiology. A. A. Shakhov and others. *Probl. kosm. biol.* 4, 474-486, 1965.

Use of higher plants as indicators in studying the effect of the factors of space flights on the living cell. N. L. Delone. *Probl. kosm. biol.* 4, 301-307, 1965.

SPACE FLIGHT

Automatic unit for developing reversible and controllable hypothermia for possible use in space flight. L. V. Maistrakh and others. *Probl. kosm. biol.* 4, 573-580, 1965.

Borisenko, I. G. [First records in space] Pervye rekordy v Kosmose. Moskva, Mashinostroenie, 1965, 119 p.

SPACE FLIGHT—PHYSIOLOGICAL EFFECT

Addition of some concepts of information theory to the analysis of physiological data obtained during space flight. A. D. Egorov. *Probl. kosm. biol.* 4, 206-216, 1965.

Some data on a group of animals in a closed ecological system. I. A. Abakumova and others. *Probl. kosm. biol.* 1, 107-118, 1965.

Some physiological data for the evaluation of the state and efficiency of astronauts in orbital flights. A. D. Voskresenskii and others. *Probl. kosm. biol.* 4, 227-236, 1965.

Some problems of the ecology of man in closed systems involving a metabolic cycle. I. A. Shepelev. *Probl. kosm. biol.* 4, 169-179, 1965.

SPACE FLIGHT TO THE MOON

Egorov, V. A. [Three-dimensional problem of reaching the moon] Prostiraniennaya zadacha dostizheniya luny. Moskva, Nauka, 1965, 224 p. (Mekhanika kosmicheskogo poleta)

Modeling radiation conditions during solar flares on the trajectory of the flight around the moon. V. S. Morozov and others. *Probl. kosm. biol.* 4, 701-708, 1965.

SPACE FLIGHT TRAINING

Basic principles of special training for astronauts. N. N. Gurovskii, M. D. Emel'yanov, E. A. Karpov. *Probl. kosm. biol.* 4, 10-16, 1965.

Training apparatus for preparing astronauts for their professional activity of controlling a space vehicle and its systems. N. N. Gurovskii and others. *Probl. kosm. biol.* 4, 3-9, 1965.

SPACE LAW

Our comments. *Nov. vrem.* 23 no. 42, 10, 1965.

SPACE MEDICINE

Effect of rotations on the human organism at various angles of body inclination. A. R. Mansurov, S. S. Markarian. *Probl. kosm. biol.* 4, 361-368, 1965.

Effect on the human organism of a prolonged stay in a closed chamber of small size. N. A. Agadzhanian and others. *Probl. kosm. biol.* 4, 31-43, 1965.

New aspects of personal hygiene. V. V. Levashov. *Probl. kosm. biol.* 4, 155-168, 1965.

Possibility for using electronic logic circuits for automatic medical control. V. A. Kostikova and others. *Probl. kosm. biol.* 4, 217-226, 1965.

Some factors of natural immunity and microbial flora of astronauts during training and after the flight on spaceships "Vostok," "Vostok 2," "Vostok 4." O. G. Alekseeva. *Probl. kosm. biol.* 4, 290-303, 1965.

- SPACE MEDICINE (Continued)**
Some results of medical and biological studies conducted during training and flight of the astronauts V. T. Bykovskii and V. V. Tereshkova. V. I. Pavlovskii and others. *Probl. kosm. biol.* 4:237-247 '65.
Theoretical foundation of the microatmosphere in planetary spaceship cabins and possibilities for using helium-oxygen mixtures for this purpose. B. M. Savin. *Probl. kosm. biol.* 4:188-195 '65.
- SPACE MICROBIOLOGY**
Some factors of natural immunity and microbial flora on astronauts during training and after the flight on spaceships "Vostok 1," "Vostok 2," "Vostok 4," O. G. Alekseyev. *Probl. kosm. biol.* 4:290-303 '65.
Summary of microbiological and cytochemical studies on "Vostok" spaceships. N. N. Zhukov-Velichnikov and others. *Probl. kosm. biol.* 4:261-269 '65.
- SPACE VEHICLES—GUIDANCE SYSTEMS**
Training apparatus for preparing astronauts for their professional activity of controlling a space vehicle and its systems. N. N. Gurovskii and others. *Probl. kosm. biol.* 4:3-9 '65.
- SPACES, GENERALIZED**
Constructive nonseparable spaces. A. O. Silsenko. *Trudy Mat. inst.* 73:533-536 '64.
Direct and inverse theorems on the imbedding of weight spaces. A. D. Dzhabrailov. *Dokl. AN SSSR* 164 no. 1:24-27 S '65.
Example of a nonseparable but not continuous constructive operator in a metric space. A. O. Silsenko. *Trudy Mat. inst.* 72:524-532 '64.
Predicate and operator variants in the construction of theories of constructive mathematics. G. E. Minits. *Trudy Mat. inst.* 72:383-136 '64.
Spaces of affine connectivity admitting of a transitive group of motions having a totally reducible stationary linear subgroup. N. M. Pisareva. *Mat. sbor.* 68 no. 1:75-80 S '65.
Tensor of pulse energy and macroscopic internal interactions in a gravitational field and in material media. L. I. Sedov. *Dokl. AN SSSR* 184 no. 3:518-522 S '65.
Transformation of locally convex figures. G. N. Gaidukov. *Izv. AN Uzb. SSR, Ser. Fiz.-mat. nauk* 9 no. 4:5-10 '65.
- SPAIN—CIVIL WAR, 1936-1939—RUSSIAN PARTICIPATION**
Starinov, I. G. [Mines wait their hour] *Miny zhduť svoego chasa*. Moskva, Voenizdat, 1964. 222 p. (Voennoye memuary) (NIP)
- SPAIN—FASCISM**
The Spanish Falange. M. Meshcherinov. *Mir, ekon. i mezhdunar. otn.* no. 10:149-143 '65.
- SPANISH AMERICA** see Latin America
- SPANISH LANGUAGE—PHONOLOGY**
Phonologic treatment of "semivowels" in Spanish. I. A. Mel'chuk. *Vop. iaz.* 14 no. 4:92-109 J1-Ag '65.
- SPASMOLYTICS** see Antispasmodics
- SPECIFIC GRAVITY**
Use of the similarity theory in the gamma-method determination of density. V. A. Artsybashev. *Vop. rud. geofiz.* no. 5:88-95 '65.
- SPECIFIC HEAT** see Heat capacity
- SPECTROCHEMISTRY**
Use of the plasma light source for the spectrochemical analysis of mineral raw materials. E. I. Granovskii. *Zav. lab.* 31 no. 8:962-965 '65.
- SPECTROGRAPHY**
Direct spectral determination of rare-earth elements in rocks and minerals using the DFS-13 spectrograph. L. G. Izumova. [Trudy] *Inst. geol. i geofiz. Sib. otd. AN SSSR* no. 32:34-40 '65.
- SPECTROMETER**
Double radio-frequency mass spectrometer for the simultaneous analysis of multicomponent gas. E. F. Dol'mitsyn, I. U. N. Antonov. [Trudy] *Inst. geol. i geofiz. Sib. otd. AN SSSR* no. 32:75-85 '65.
Evaluation of the permitted variations of the analytic parameters of the radio-frequency mass spectrometer. E. F. Dol'mitsyn. [Trudy] *Inst. geol. i geofiz. Sib. otd. AN SSSR* no. 32:86-101 '65.
Method for finding the optimum location for the magnet of a nuclear magnetic resonance spectrometer of high resolving power. A. N. Lubimov and others. *Zav. lab.* 31 no. 8:1023-1025 '65.
Spark spectrometer for high-energy particles. Zh. S. Takhbaev. *Vest. AN Kazakh. SSR* 23 no. 8:3-9 Ag '65.
- SPECTROMETER—EXHIBITIONS**
Gamma spectrometer for boreholes. N. Narzykulov. *Inform. biul. VDNKH* no. 9:34-35 S '65.
- SPECTROMETRY**
Determining the spectral reflection coefficients of free-flowing materials in the 0.7-15 mc region of wavelengths. M. A. Kropotkin, B. P. Koz'yev. *Izv. vuz. ucheb. zav. fiz.* 8 no. 3:21-29 '65.
Thermostatic control of a sample by means of a high-resolution nuclear magnetic resonance spectrometer. E. L. Zaev, I. U. N. Molin. *Zav. lab.* 31 no. 8:970-971 '65.
- SPECTROPHOTOMETER**
A recording spectrophotometer for ground and aerostat measurements of the brightness of the daylight sky. N. M. Gopshtein, V. I. Kushpil'. *Trudy GGO* no. 170, 149-155 '65.
- SPECTROPHOTOMETRY**
Determination of zinc in aluminum alloys by means of the FES-1 spectrophotometer. L. N. Komlev. *Zav. lab.* 31 no. 8:970-971 '65.
Determining the concentration of light-leaking oils in gases. L. V. Grishin and others. *Trudy MKHTI* no. 47:174-177 '64.
2,7-Dichloroquinomethic acid as a reagent for the photometric determination of iron (III). Spectrophotometric study of complex formation. N. N. Basargin, Zh. I. Nemtseva. *Zhur. anal. khim.* 20 no. 8:868-875 '65.
Spectrophotometric determination of vanadium in titanium tetrachloride. D. I. Tsekhnovskaya, B. M. Melnikova. *Zav. lab.* 31 no. 8:945 '65.
Spectrophotometric study of ascorbate complexes. Part 3. Study of the system neodymium - ascorbic acid. K. P. Stofanov, I. A. Amantova. *Vest. LGU* 20 no. 16:90-95 '65.
Spectrophotometric study of N-vinylcarbazole and methyl methacrylate copolymers. A. V. Chetaniyal, A. I. Shepelova, V. S. Zubkova. *Vysokom. speed* 7 no. 6:1080-1084 Jc '65.
Studying the coloring of dry yeast. V. I. Rakitin, K. A. Stepankov, G. I. Oliz. *I. Isokhim. prom.* 18 no. 6:13 '65.
- SPECTROPOLARIMETRY**
Methods of low-temperature spectropolarimetry of protein solutions and the study of rapid conformational changes in molecules. I. F. Kyryukhin, Uki. biokhim. zhur. 37 no. 4:608-614 '65.
- SPECTRUM, INFRARED**
Adsorption of flotation reagents by minerals studied by infrared spectroscopy. R. G. Knubovets, B. M. Naumov. *Dokl. AN SSSR* 164 no. 2:307-309 S '65.
Extracelliptic observations of coronal lines in the infrared region of the spectrum. G. M. Nikol'skii, S. O. Obashev. *Vest. AN Kazakh. SSR* 22 no. 8:81 Ag '65.
Infrared spectroscopic method for studying the reaction of γ -aminopropyl and β -cyanoethylthioxylysines with aerosol surfaces. V. A. Ter'ykh, A. A. Chulko, I. F. Mel'mark. *Teoret. i ekspr. khim.* 1 no. 3:400-405 My-Je '65.
Natural frequencies of nickel and nickel alloys in the infrared region of the spectrum. G. S. Krinichik, E. S. Babin. *Zhur. eksp. i teor. fiz.* 40 no. 2:470-475 Ag '65.
Possible usage of the method of infrared spectroscopy for studying the isomorphous substitutions in muscovites. D. K. Arkhipenko, L. T. Kovaleva, T. N. Grigor'eva. [Trudy] *Inst. geol. i geofiz. Sib. otd. AN SSSR* no. 32:102-106 '65.
Study of the two-component mixtures of clay minerals by the X-ray diffraction method and infrared spectroscopy. G. M. Rylov, G. A. Golubova. [Trudy] *Inst. geol. i geofiz. Sib. otd. AN SSSR* no. 32:51-55 '65.
Tautomerism of lactams in vapors studied by means of infrared spectroscopy. E. S. Levin, G. N. Rodionova. *Dokl. AN SSSR* 164 no. 3:584-587 S '65.
- SPECTRUM ANALYSIS**
Applicability of lasers in the spectrum analysis of copper based alloys. V. V. Pantoleev, A. A. Ankovskii. *Zhur. prikl. spekt.* 3 no. 1:96-98 J1 '65.
Chemical and spectral method of determining gold in geological samples. E. I. Savichov, E. V. Shugurov. *Zav. lab.* 31 no. 8:959-961 '65.
Composition of impurities in straight-chain paraffinic hydrocarbons having analytical application. V. F. Fedonin and others. *Zhur. anal. khim.* 20 no. 8:1022-1024 '65.
Determination of zinc in soils by the spectral method. A. S. Sambueva, S. A. Sverchinskaya, S. A. Shipitsyn. *Zhur. anal. khim.* 20 no. 7:889-891 '65.
Effect of anisotropic stresses on the frequency spectrum of magnetoelastic fluctuations. G. A. Petrakovskii, I. U. N. Koliukov. *Fiz. tver. tela* 7 no. 8:2339-2344 Ag '65.
Effect of chemical reactions on the intensity of spectral lines when powders are injected into the arc plasma. A. K. Russanov, N. T. Batova. *Zhur. anal. khim.* 20 no. 7:769-773 '65.
Microspectrum analysis in the atmosphere of inert gases. N. V. Arnaudov. [Trudy] *Inst. geol. i geofiz. Sib. otd. AN SSSR* no. 32:16-22 '65.
- SPECTRAL AND ENERGY PHENOMENA OF THE INTERACTION OF A HYDROXYL GROUP WITH MOLECULES OF VARIOUS CHEMICAL STRUCTURE** V. I. Dvorydov, A. V. Kiselev, D. V. Kuznetsov. *Zhur. prikl. spekt.* 3 no. 8:1058-1061 Ag '65.
- SPECTRAL DETERMINATION OF A RELATIVE CONTENT OF 1, 1, 1, 1, 4-TETRA- AND 1, 2-CONFIGURATIONS IN POLYBUTADIENE SAMPLES** N. V. Kozlova, E. P. Sukhova, V. I. Dvorydov. *Zav. lab.* 31 no. 8:968-970 '65.
- SPECTRAL RELATIONSHIP OF THE QUANTUM YIELD OF PHOTOELECTRIC PHOTOCATHODES IN THE 95-20 nm REGION** V. I. Kulikov. *Zhur. prikl. spekt.* 3 no. 1:3-6 J1 '65.
- SPECTRAL STUDY OF SYMMETRICAL DIARYL PEROXIDES** V. I. Ivanchev, A. I. Ilchenko, I. U. N. Antshinov. *Zhur. prikl. spekt.* 3 no. 8:1060-1065 Ag '65.
- SYSTEMATIC ERROR OF THE RESULTS OF THE SPECTRAL DETERMINATION DEPENDENT ON THE AMOUNT OF CHEMICAL SPECIES** G. I. Zayonchova. *Zhur. anal. khim.* 20 no. 7:713-714 '65.
- SPEECH**
Algorithm for the recognition of a limited number of sound images. V. N. Trunin-Donskoi, A. S. Ilchenko, M. V. Kulagin. *Nauch. po vych. tekhn.* no. 1:8-31 '65.
Input of some speech data signs in the BESM-2 digital computer. V. N. Trunin-Donskoi, A. S. Ilchenko. *Nauch. po vych. tekhn.* no. 4:3-8 '65.
Methodology for studying the characteristics of the perception of speech. V. P. Krutskaya. *Trudy Kazan. nauch. tsent. pulkh.* 47:295-303 '65.
Some possibilities for physiological studies of speech processes as related to the problems of acoustical communication between human speech and the machine. V. A. Kozhevnikov, L. A. Chelintsev. *Probl. kosm. biol.* 4:605-613 '65.
- SPEECH, DISORDERS OF**
Reversibility of speech disorders in late stages of schizophrenia. A. B. Savitskaya. *Trudy Gos. med. tsent. pulkh.* 43:130-140 '65.
- SPEECH PERCEPTION**
Role of visible articulation in speech recognition. V. V. Alukhinski. *Probl. kosm. biol.* 4:610-630 '65.
- SPEEDOMETER—MAINTENANCE AND REPAIR**
Repairing the shaft of a speedometer. E. Kharlov. *Izv. v. sel'khoz.* 25 no. 8:70 S '65.
- SPEEDOMETER—TESTING**
Device for testing speedometers. M. Zhoga. *Aviats. transp.* 43 no. 8:24 Ag '65.
- SPERMATOGENESIS IN ANIMALS**
Cytology of spermatogenesis in tetraploid male silk worms. Report No. 2: Cytometric study. I. B. Roginskii. *TSKhologiya* 6 no. 3:208-304 My-Je '64.
- SPIESSARITE** see subdivision under Caucasus, Republic of
- SPHALERITE**
Oriented growth of galenite on sphalerite. Ivan Iliev. *Zap. Vses. min. ob-va* 94 no. 4:420-429 '65.
- SPICES**
Refractometric method for determining sugar content of apple mixtures. O. I. Imblelova, L. J. L. M. P. Agapovskaya. *Komm. i ov. prom.* 20 no. 0:30-32 S '65.
- SPIDERS** see subdivision under Kazakhstan
- SPIGITES** see subdivision under Sayan Mountains
- SPILLWAYS**
Laboratory investigation of the "USKhA-4" vortex flow. M. G. Zorbatov, A. I. Tselibabun. *Sher. Nauch. MISI* no. 46:124-132 '64.
Scale rectification on the coefficient of the discharge of circular spillway funnels. P. P. Molin. *Sbor. tr. MISI* no. 46:118-123 '64.
- SPILLWAYS—FOUNDATIONS**
Stationary thermal state of spillway dams and nonfiltering foundations in permafrost regions. V. N. Grigor'evskii. *Izv. vuz. ucheb. zav. i stroit. i arkhit.* 8 no. 3:110-113 '65.
- SPINAL CORD**
Changes in the threshold of motor response to a direct stimulation of the cerebral cortex and reflex excitability of the spinal cord in after anesthetic and artificial hyperventilation. E. K. Aganians, V. M. Ilyashov. *Bull. eksp. biol. i med.* 60 no. 8:9-14 Ag '65.
- SPINAL CORD—BLOOD SUPPLY**
Fine vascularization of the spinal cord of a rabbit. M. T. Rakova. *Nauch. trudy Kaz. gos. med. inst.* 14:269-270 '64.
- SPINAL CORD—DISEASES**
Disability evaluation in discogenic cervical myelopathy. G. Ya. Lukachov. *Zhur. nevro. i pulkh.* 65 no. 9:131-1319 '65.

SPINAL CORD—INNERVATION

Study of nerve fibers of the denticulate ligaments of the spinal cord. A. I. Mikhailov, A. A. Gaidarov, L. V. AN Arm SSR Biol nauki 18 no 6 71-79 Je '65

SPINAL NERVES see Nerves, Spinal

SPINE—ABNORMALITIES AND DEFORMITIES

Modernized Duquet apparatus. Z. A. Ilandrea, Otop., travn i protez. 26 no 8:75-79 Ag '65.

SPINE—DISEASES

Spinal traction in the treatment of posterior protrusions of lumbar intervertebral discs. B. I. Dubnov, Zhur. nevro i psikh. 65 no 9:126-1293 '65.

SPINNING

Conveying semifinished products at the spinning mills. Z. I. Kleiman, V. V. Malboroda, Mekh i avtomatiz. 19 no 5:18-21 Ag '65

SPINNING MACHINERY

Importance of the index of the utilization of the operative capacity of drafters. R. F. Charpe, Tekst. prom. 25 no 8:4-6 Ag '65.

Possibility to reduce the number of intermediate drafts in the roving systems. B. V. Ozerov, V. E. Gusev, Izv. vyz. ucheb. zav., tekhn. tekst. prom. no 1:67-74 '65.

Preventing the strength decrease of nylon filaments during twisting on a ring twister. M. P. Nosov, and others, Tekst. prom. 25 no 8:70-74 Ag '65.

Structural transformations in the sliver at the twist threshold in the moment of breakage. R. V. Pavlov, Izv. vyz. ucheb. zav., tekhn. tekst. prom. no 4:56-61 '65.

Using the method of controlled breaking in the stapling of synthetic fiber tow. V. F. Slyakov, Tekst. prom. 25 no 8:20-23 Ag '65.

SPINNING MACHINERY—AERODYNAMICS

Visual evaluation of the air flow about a rotating centrifugal pole in a free space. F. K. Avvakumov, Izv. vyz. ucheb. zav., tekhn. tekst. prom. no 1:127-131 '65.

SPINNING MACHINERY—TESTING

Determining the duration of the service life of rings in the manufacture of cotton yarn. S. S. Kochetkov, Tekst. prom. 25 no 8:23-26 Ag '65.

SPIROSCOPY

Dynamics of apnoeic apnea and ballistocardiographic indices in chronic nonspecific pulmonary diseases under the effect of compound treatment including exercise therapy. A. A. Aukhmina, Trudy TSU 77:14-16 '65

SPLEEN

Correlation between some morphological and cytochemical reactions of the spleen and peripheral blood in guinea pigs to intravenous introduction of leucocytic serum. A. V. Abuladze, M. G. Skutskala, Biol. eksp. biol. i med. 60 no 8:19-53 Ag '65.

Some humoral functions of the spleen. L. M. Golber, Sovr. vop. endok. no 2:136-162 '63.

SPLEEN—DISEASES

Hepatolienal syndrome in heliotrope toxicosis. D. M. Naginskii, I. A. Bohobodzhayev, Sov. med. 28 no 8:57-60 S '65

SPLENIC ARTERY—RADIOGRAPHY see Splenoportography

SPLENIC VEIN—RADIOGRAPHY see Splenoportography

SPLENOPORTOGRAPHY

Results of splenoportography in the diagnosis of portal hypertension. M. A. Kainov, R. G. Osipov, S. S. Troshchinskaya, Azerb. med. zhur. 42 no 8:11-16 Je '65.

Splenoportography for the detection of pathological formations in the liver. L. B. Novokroschenov, Vest. rent. i rad. 40 no 4:14-18 Ji-Ag '65.

SPONTANEOUS COMBUSTION see Combustion, Spontaneous

SPONTANEOUS GENERATION

Change in the composition of amino acids in the course of their biogenetic synthesis as related to the duration of the ultraviolet action on the solutions of formaldehyde and ammonia salts. V. S. Sidorov, Dokl. AN SSSR 164 no 3:692-695 S '65.

SPOREFORMING BACTERIA see Bacteria, Spore-forming

SPORES (BOTANY)

Characteristics of sporeforming in remote hybrids. G. V. Kandelaki, Soob. AN Gruz. SSR 39 no 2:435-442 Ag '65.

Physiological heterogeneity of the urediospores of stem rust. V. A. Topolovskii, IU, V. Perunskii, Vest. sel'khoz. nauki [Kazakh.], 8 no 8:110-111 Ag '65.

SPORTS—COMPETITIONS see subdivision under Moscow

SPRATS

More profitable production from sprat. L. S. Bulkin, Ryb. khoz. 41 no 7:65-86 '65

SPRAY PAINTING—EQUIPMENT AND SUPPLIES

Methodology of the design and selection of equipment for jet spray painting systems with exposure of the object in the solvent vapors. R. M. Akchurina, S. I. Borisenko, Lakokras. mat. i kh. prim. no 4:63-67 '65

Rod with three injectors. A. P. Pozdnyakov, Mekh. stroit. 22 no 7:22-23 Ji '65.

SPRAY PAINTING, ELECTROSTATIC

Application of multilayer coatings in the electric field. M. M. Freidin, I. V. Moiseev, E. N. Ezhova, Lakokras. mat. i kh. prim. no 1:40-41 '65.

Determining the size and charges of separate particles during the electrostatic dispersion of paint materials. V. A. Gubenskiy, N. A. Fuks, Lakokras. mat. i kh. prim. no 4:50-57 '65.

Dielectric properties of paint materials and optimum conditions of their spraying in the electric field. L. N. Vlaychinskaya and others, Lakokras. mat. i kh. prim. no 4:36-39 '65.

Fire hazards in the application of paint coatings in a high-voltage electric field. A. G. Anokhin, M. P. Ionisev, Lakokras. mat. i kh. prim. no 4:16-49 '65.

High-voltage switch for systems used in the lacquering of goods in the electrostatic field. G. B. Inozemtsev, V. S. Vozniuk, Bim. i der. prom. 3:31-32 Ji-S '65.

Unit for spray dyeing of leather. V. S. Chudakov, Kozh. i obuv. prom. 7 no 9:10-20 S '65.

SPRAY PAINTING, ELECTROSTATIC—HYGIENIC ASPECTS

Unsettled problems in the improvement of the working conditions in the spray painting of railroad cars in an electrostatic field. I. F. Bolintchuk, Lakokras. mat. i kh. prim. no 1:42-15 '65.

SPRAYING

Artificially controlled sterilization of young pigs by ultrasonic waves. N. I. Poliantsev, N. A. Poliantseva, Veterinaria 41 no 12:17-49 D '64

Organization of work for ovulation in young ewes. N. P. Sokolov, Veterinaria 41 no 12:19-51 D '64.

SPRAYING AND DUSTING—EFFECT ON BEES see Bees, Effect of spraying and dusting on

SPRAYING AND DUSTING EQUIPMENT

Present state of mechanization in chemical plant protection. N. K. Tarnovich, Trudy VIZR no 17:378-391 '63.

SPRAYING AND DUSTING IN AGRICULTURE

Use of airflow for transporting chemical poison droplets. D. G. Volituk, Dokl. Akad. sel'khoz. nauk no 8:43-47 Ag '65.

SPRINGS (MECHANISMS)—HARDENING

Introducing plastic thermal treatment of springs for the GAZ-61 motor truck. M. A. Kotkov, Biol. tekhn. i ekon. inform. Gos. nauch. issl. inst. nauch. i tekhn. inform. 18 no 7:10-21 Ji '65.

SPRINGS (MECHANISMS)—VIBRATION

Calculating the natural vibration frequency of tubular springs and spring mechanisms. L. P. Fedotov, Izv. tekhn. no 8:13-15 Ag '65.

SPUTNIKS see Artificial satellites

STABILITY

Increasing the stability of narrow-gauge continuous rail tracks. B. I. Kuvaldin, V. A. Laptev, Put' i put. khoz. 9 no 9:20-22 '65

STAINS AND STAINING (MICROSCOPY)

Distribution of active procion bright red dye between the muscular tissue and the medium. V. P. Troshina, TSitologiya 7 no 4:562-566 Ji-Ag '65.

Experimental study of chemical stains for the skin. L. A. Kol'tsova, G. I. Livshits, Nauch. trudy Kaz. gos. med. inst. 14:208-208 '64.

Method of preserving metachromasia in permanent preparations. G. I. Kutakh, M. G. Shubin, Arkh. anat., gist. i embr. 49 no 8:108-109 Ag '65.

Remarks on the staining of nucleic acids in cells by the methyl green-pyronine method. V. I. Shkurko, V. V. Izaykov, TSitologiya 6 no 3:333-384 My-Je '64.

Study of the action of carbon monoxide on mouse cells by vital staining. B. M. Shtetskii, TSitologiya 6 no 3:310-324 My-Je '64.

Verifying the applicability of galloyanine-chrome alum staining for the purpose of photometric measurement of the RNA quantity in the cytoplasm. L. P. Ovchinnikova, G. V. Solovyanova, TSitologiya 6 no 3:387-388 My-Je '64.

STALINABAD see Dushanbe

STALINGRAD see Volgograd

STALINGRAD, BATTLE OF, 1942-1943

A special assignment. S. Viktorov, Rech. transp. 21 no 5:7 '65

STALINGRAD, BATTLE OF, 1942-1943—PERSONAL NARRATIVES

In the great battle on the Volga. Rech. transp. 21 no 5:10-11 '65.

They were called river sentries. K. Emel'yanov, Rech. transp. 24 no 5:12-13 '65

Underground plant. N. Zaslavskii, Rech. transp. 24 no 5:14 '65.

STALINGRAD HYDROELECTRIC POWER STATION see Volga Hydroelectric Power Station (22d Congress of the CPSU)

STALINGRAD PROVINCE see Volgograd Province

STALINO see Donetsk

STALINO PROVINCE see Donetsk Province

STALINSK see Novokuznetsk

STANISLAV PROVINCE see Ivano-Frankovsk Province

STANISLAVSKII, KONSTANTIN SERGEYEVICH, 1863-1939

Talanov, A. V., K. S. Stanislavskii, Moskva, Det. skola, 1965, 171 p.

STANOVOL UPLAND—SNOW

Distribution of the snow cover on the Stanovoye Upland. R. K. Goveh, Trudy GGO no 180:77-80 '65

STAPHYLOCOCCAL DISEASE

Bactericidal effect of organophosphorus preparations and antibiotics on staphylococci of the genitalia. N. G. Kuvshinov and others, Nauch. trudy Kaz. gos. med. inst. 14:207-208 '64.

Clinical aspects of alimentary toxoinfections caused by staphylococci, Escherichia coli and Morganella morganii. A. D. Briskov, Sov. med. 28 no 8:71-75 S '65.

Model of experimental meningitis in rabbits caused by staphylococcal and staphylococcal L-forms. I. I. Koptelova, V. I. Pokrovskii, E. P. Gorshkova, Vest. AMN SSSR 20 no 8:60-64 '65.

State of antitoxin immunity in young children during staphylococcal infection. Z. I. Vakhrenva, Trudy TSU 78:18-24 S '65.

STAPHYLOCOCCUS

Biological properties of staphylococci isolated in intestinal infections in young children. L. M. Zakariia, Zhur. mikrobiol., epid. i immun. 12 no 8:17-19 Ag '65.

Comparative characteristics of the sensitivity to various antibiotics of staphylococcal strains freshly isolated from sick children. G. Sh. Baskanchladze, M. D. Kladashvili, Antibiotiki 10 no 7:640-642 Ji '65

Differentiation of pathogenic staphylococci isolated from patients' wounds and from pharynx and noses of the personnel by means of the phage typing method. V. M. Mol'skova, I. I. Petrusheva, Sov. med. 20 no 9:82-85 S '65

Leukocidin of staphylococci causing wound infection. V. M. Svetovidova, M. P. Lobanova, Zhur. mikrobiol., epid. i immun. 42 no 8:53-58 Ag '65.

Transmission of resistance to streptomycin in staphylococci by means of phages. L. M. Paderina, Antibiotiki 10 no 9:832-835 S '65.

Treatment of the carriers of pathogenic staphylococci with erythromycin and ceftiofur. T. S. Osipova, E. V. Gvozdeva, V. I. Krupod, Antibiotiki 10 no 8:752-754 Ag '65.

STAPHYLOCOCCUS—CULTURES AND CULTURE MEDIA

Correlation between the bacteriophage sensitivity and the pathogenic properties of staphylococcal cultures. K. I. Smirnova, Zhur. mikrobiol., epid. i immun. 42 no 8:104-107 Ag '65.

STAPLERS (SURGERY)

Repeated operations on the stomach using mechanical suturing. A. G. Barbanchuk, M. P. Vilianskii, L. V. Poluektov, Sov. med. 23 no 8:15-19 Ag '65.

STARAYA RUSSA DISTRICT—FLAX

Set of machines for flax growing. M. Krasavin, Tekhn. v sel'khoz. 25 no 8:10-12 Ag '65.

STARCH INDUSTRY (see also subdivision under Estonia)

Quality of corn. V. P. Rukonov, B. S. Kozlanskii, Sakh. prom. 30 no 9:57-59 S '65.

STAROBIN REGION (WHITE RUSSIA)—JOINTS (GEOLOGY)
Mirring of potassium horizons in the Starobin deposit. V. B. Fedina, IU. I. Lomovitch, V. Z. Fialik. Dokl. AN BSSR 9 no 7 463-467 Ju '65

STAROSELYE (KHERSON PROVINCE)—WHITE RUSSIAN LANGUAGE—DIALECTS
The most important special phonetical and grammatical features of the dialect in the Staroselye Village of the Bolshaya Aleksandrova District in Kherson Province. I. D. N'gin, V. V. Ivanchanka. Vestn AN BSSR Ser. hum. n. 2 no 113-122 '65.

STAROZHILOVO DISTRICT—REGIONAL PLANNING
Problems of settlement in the regional planning of Starozhilovo District, Ryazan Province. P. Vladimirov, V. Baranova. Elapser projekt no 5 59-67 '62

STARS—CATALOGS
Kharin, A. S. [Catalog of declinations of stars under programs for zenith telescopes in the FK 4 system for the epoch of observation and equinox 1950.0] Katalog sklonenii zvezd programmi zenit-teleskopov v sisteme FK 4 dlia epochi nabludeniia i ravnodnevnia 1950.0. Kiev, Akad. nauk URSR, 1963. 99 p. (DN-Ob)

STARS, VARIABLE
Mechanism underlying the instability of pulsating stars. IU. V. Vandakurov. Dokl. AN SSSR 164 no 3 525-528 Ju-Ag '65.

STARVATION
Metabolism of phosphorus compounds in the small intestine of mice following starvation and repeated irradiation. A. S. Orlov. Radiobiologiya 5 no 4 528-532 '65.
Methionine-S35 and glycine-C14 incorporation into erythrocyte proteins under normal conditions and during fasting. I. A. Poberii. Tsitologiya 6 no 3 330-336 My-Je '64.
Regeneration of some ultrastructures of rat liver cells after prolonged starvation. T. A. Zaitseva. Tsitologiya 6 no 3 343-345 My-Je '64.

STATE FARMS
(see also subdivision under Kazakhstan)
[Talks on the economics of state farm production] Besedy po ekonomike sovkhosnogo proizvodstva. Moskva, Ekonomika, 1964. 299 p. (CSI-II) (NIC)

STATE FARMS—ACCOUNTING
Account for each kopeck in a businesslike manner. A. Galitsyn. Sov. profsoyuzy 21 no 19 9-11 O '65.

STATE FARMS—FINANCE
(see also subdivision under Kiev-Svyatoshnensky District, Stavropol Territory)
Dynamics of fixed assets on specialized state farms with various levels of production intensity. V. M. Obukhovskii. Izv. TSKHA no 2 28-39 '65.
Methodological problems of completely converting state farms to business accounting. A. Emel'yanov, I. Marinko. Vop. ekon. no 9 23-34 S '65.

STATE FARMS—MANAGEMENT
(see also subdivision under Estonia, Vakhshskiy District)
Grafski, M. G. [Our state farm is a profit-making farm] Nash sovkhos — rentabel'noe khoziaistvo. IAloslavl', Verkhne-Volzhskoe knizhnoe izd-vo, 1965. 76 p.
Master business accounting within individual production units of a farm. V. Chasovskikh. Ekon. sel'khoz. 41 no 9 103-105 S '65.

STATIONS
Rail and motor vehicle stations. S. Chernyshev. Avt. transp. 43 no 8 8-9 Ag '65.

STATISTICAL DECISION
Use of the statistical decision theory for the analysis of combat actions under conditions of uncertainty. I. M. Nikitin. Mor. shor 48 no 10 22-28 O '65.

STATISTICAL PHYSICS
The Fowler-Planck equation with discontinuous coefficients and the conditions on the discontinuity surface. R. L. Stratonovich. Izv. vys. ucheb. zav., radiofiz. 8 no 4 704-710 '65.

STATISTICS—DICTIONARIES
Bolarskii, A. Ya., and others, eds. [Statistical dictionary] Statisticheskii slovar'. Moskva, Statistika, 1965. 766 p.

STATUES
Apollo in machine oil. E. Sergeev. Izobr. i rats 14-15 '65.

STATUTES
Legislative enactments. Rad. pravo 28 no 6 105-108 '65.

STAVROPOL TERRITORY—AGRICULTURAL WORKERS—EDUCATION AND TRAINING
Practice in teaching economics to the agricultural labor force. V. Nizarchenko. Ekon. sel'khoz. 41 no 9 105-107 S '65.

STAVROPOL TERRITORY—LIBRARY SCHOOLS AND TRAINING
Laboratory of advanced work practices. N. Artem'ev, V. Golcev. Biblioteka 43 no 9 56-58 S '65.

STAVROPOL TERRITORY—STATE FARMS—FINANCE
Practice in completely converting state farms to business accounting. A. Budyka, V. Nizarchenko. Vop. ekon. no 9 35-41 S '65.

STEAM
Change in the state of wet steam in a dive at condensation jump. M. D. Valsman. Teploenergetika 12 no 8 63-68 Ag '65.
Development of instruments for determining the degree of steam moisture. N. N. Timashov, N. M. Markov. Izv. vys. ucheb. zav., energ. 8 no 8 96-100 Ag '65.

STEAM—DRYING
Course and time steam drying in drum boilers. V. A. Korshunov, V. F. Zhidkikh. Energetik 13 no 9 16-19 S '65.

STEAM BOILERS see Boilers

STEAM BOILERS, MARINE see Boilers, Marine

STEAM ENGINES—SAFETY MEASURES
[Safety manual for stokers of water-heating and steam boilers and operators of locomotives] Pamiatka po tekhnike bezopasnosti dlia kochegarov vodogreynykh i pyrovykh kotlov i mashinistov lokomobiled. Moskva, Rossel'khozdat, 1965. 46 p. (Pamiatka po tekhnike bezopasnosti v sel'skom khoziaistve)

STEAM POWER PLANTS
Problems of steam generation in light of the present-day development of thermal power engineering. M. A. Styrikovich. Teploenergetika 12 no 8 2-6 Ag '65.

STEAM TURBINES
Characteristics of a turbine stage. D. A. Dekhovich. Izv. vys. ucheb. zav., energ. 8 no 8 67-75 Ag '65.
Choice of the optimal dimension of the condenser and water cooling tower of a central heating turbine. L. D. Beiman, I. I. Benenson, I. L. Pchelkina. Elek. sta. 36 no 9 19-21 S '65.
Conversion of the principal ejectors of VPT-25-3 turbines to operation on 10 atm steam pressure. IU. K. Kiselev, V. A. Mokin, I. I. El'sel'rud. Energetik 13 no 9 19-20 S '65.
Development of instruments for determining the degree of steam moisture. N. N. Timashov, N. M. Markov. Izv. vys. ucheb. zav., energ. 8 no 8 96-100 Ag '65.
Double-pulse control system of turbines with back pressure. IU. N. Novozhilov. Elek. sta. 36 no 9 77 S '65.
Heating of the release pins of high-pressure cylinders. A. D. Krut'ev. Energetik 13 no 9 20-21 S '65.
Operation of a 150 Mw. block. V. E. Dmitriyev, M. G. Teplovskii. Energ. i elektrotekh. prom. no 3 54-57 Ju-S '65.
Operation of steam turbine condensers on seawater. N. M. Glushchuk, G. M. Pokai'. Energ. i elektrotekh. prom. no 3 61-62 Ju-S '65.
Principles of the construction of selective systems for regulating boiler and turbine blocks. A. G. Chachko. Energ. i elektrotekh. prom. no 3 3-7 Ju-S '65.
Reliability of bronze support blocks of a steam turbine. IU. A. Tsagareli. Elek. sta. 36 no 9 78-79 S '65.
Results of the modernization of the VK-100-2 turbine. L. B. Zusanovich. Energ. i elektrotekh. prom. no 3 50-52 Ju-S '65.
Steam takeoff from the chamber of the control stage of the AT-12 turbine. IU. E. Dmuchenko, V. S. Aleksandrov. Energetik 13 no 8 9-10 Ag '65.
The T-250-240 turbine. Energetik 13 no 8 42 S '65.

STEAM TURBINES—CLEANING
Chemical cleaning of the pipelines of the hydrodynamic control system of the K-300-240 turbine and bubbling control unit. R. K. Gronshteyn. Elek. sta. 36 no 9 18-19 S '65.

STEAM TURBINES—MAINTENANCE AND REPAIR
Cause of the damage of a "Yung" turbine. P. A. Paslovich. Energetik 13 no 8 13-14 Ag '65.
Repair of buckled one-piece forged rotors. A. I. Smirnyi, M. A. Morozov. Energ. i elektrotekh. prom. no 3 52 Ju-S '65.
Straightening of the rotor of a reaction steam turbine using a metal creep method. S. I. A. Burdin. Energetik 13 no 8 21-23 S '65.

STEAM TURBINES—PATENTS
Foreign patents. Energ. i elektrotekh. prom. no 3 73 Ju-S '65.

STEAMPIPES
Cooling conditions of a once-through type PK-331 boiler and steampipes of a 300 Mw. block. G. I. Kozlovskii, and others. Teploenergetika 12 no 8 12-17 Ag '65.
Heat stresses in steampipes and equipment during heating and steam temperature fluctuations. A. V. Ilatov. Teploenergetika 12 no 8 12-16 Ag '65.

STEAMPIPES—CLEANING
Chemical cleaning of the pipelines of the hydrodynamic control system of the K-300-240 turbine and bubbling control unit. R. K. Gronshteyn. Elek. sta. 36 no 9 18-19 S '65.

STEAMPIPES—WELDING
Increasing the reliability of the welded joints of steampipes from austenitic steel. M. M. Timofeev, IU. M. Nikitin. Teploenergetika 12 no 8 47-50 Ag '65.

STEEL
Appearance of dislocation structure in high temperature 12KhMFP and 12MnKh boiler steel. I. K. Gerasimov, E. I. A. Vokhov, I. S. Fedosina. Elek. sta. 36 no 9 13-15 S '65.
Effect of the quality of washing water on the physicochemical process of steel and the corrosion resistance. V. S. Kostepin, S. Khagali. Tekhn. i tekhn. nat. i tekhn. nat. no 1 72-73 '65.

Investigation of mechanical properties of high-strength steels. G. L. Bel'khit, L. N. Dvornikova. Prom. sta. 13 no 9 40-41 '66.
Residual stresses in billets made of A10C1 steel. I. V. Panchenko and others. Stal' 25 no 9 11-12 Ag '65.

STEEL—BRITTLENESS
Brittleness and ductility of metals. G. I. Pogosin. Alesceev. Metalloved. i term. obr. mat. no 8 11-12 Ag '65.
Increasing the resistance of welded edge plates to fracture at low temperatures. M. G. Kuchinov, I. V. Popov. Svyaz. protzv. no 1 13-14 Ma '64.

STEEL—CORROSION
Corrosion of steel in nitrate and boron acid solutions. G. I. Ustinov and others. Mashinostroyeniye no 1 13-15 O '65.
Welding of two-ply St. 3 and St. 35 steel. N. V. I. A. V. Vent. TSNIIM 21 no 9 50-52 '65.

STEEL—ELASTIC PROPERTIES
Elastic properties of deoxidized austenitic metal alloys. Their analysis. O. A. Babitskiy, G. M. Karpovskiy, I. V. Zefovich. Svyaz. protzv. no 1 13-14 O '64.

STEEL—ELECTROMETALLURGY
Characteristics of the production of cast steel with a low addition content. A. M. Leyba and others. Izv. vys. ucheb. zav., Chern. met. 8 no 10 6-10 '65.
Deoxidation of steel by aluminum. G. I. Ustinov and others. Stal' 25 no 9 10-11 '65.
Mechanization and automation of the charging of ladles for melting and alloying materials into electric furnaces. A. V. Khlyudovskii, V. S. Rozentzweig. Stal' 25 no 8 1-8 Ju '65.
New developments in research. A. A. Kuchinov and others. Stal' 25 no 9 10-11 '65.

STEEL—FATIGUE
Possibility of increasing the corrosion-fatigue resistance of hardened steel. I. V. Karpenko, IU. I. Babitskiy, G. M. Karpenko. Dop. AN URSR no 9 179-182 '65.

STEEL—HARDENING
Changing the coefficient of flange forming on low alloy steel following nitram aging. K. M. Pogodina. Avt. 12 Krotkova. Avt. izn. protzv. 7 no 1 11-14 Ag '65.
Effect of cold hardening on mechanical properties of fine structure of heat-treated steel. A. V. Ilatov and others. Stal' 25 no 9 10-11 '65.
Effect of the rate and temperature of induction heating on the properties of hardened steel. K. Z. Serebrennikovskii. Metalloved. i term. obr. mat. no 8 44-45 '65.

Possibility of increasing the corrosion-fatigue resistance of hardened steel. I. V. Karpenko, IU. I. Babitskiy, G. M. Karpenko. Dop. AN URSR no 9 179-182 '65.

Precipitation of titanium carbide from the gas atmosphere onto the surface of steel. G. A. Sotnikova, A. A. Mikhalevich. Izv. vys. ucheb. zav., Chern. met. 8 no 1 12-13 '65.

Principles of the combined, high-strength treatment of steel and alloys. M. I. Blanter. Metalloved. i term. obr. mat. no 8 8-12 Ag '65.
Stream hardening of high-capacity cylinders. G. S. Khelifa and others. Stal' 25 no 9 10-11 '65.

STEEL—HEAT TREATMENT

- Characteristics of wire patenting in a fluidized bed, V. I. Zubov and others, *Izv. vys. ucheb. zav., Chern. met.*, 8 no. 10:116-119 '65.
- Effect of heat treatment on the weldments in 22K boiler steel, V. T. Svishchenko, *Svar. proizv.*, no. 7:22-23 Mr '64.
- Effect of tempering on the amplitude dependence of internal friction in maitensite, V. I. Sanyak, S. O. Suvorova, *Fiz. met. i metalloved.*, 20 no. 2:315-316 Ag '65.
- Present state and ways of developing a technology for the chemical and heat treatment of steel, I. U. M. Lakhin, *Metalloved. i term. obr. met.*, no. 8:34-38 Ag '65.

STEEL—HYDROGEN CONTENT

- Electrolytic hydrogen absorption by steel. Part 2: Effect of temperature, I. I. Rozentfeld, D. M. Kravchenko, F. N. Lantseva, *Zashch. met.*, 1 no. 5:171-176 S-O '65.
- Hydrogen absorption by steel during cathodic polarization in acid solutions, V. N. Kudryavtsev, I. U. P. Bralakin, A. T. Vagranian, *Zashch. met.*, 1 no. 5:477-481 S-O '65.
- Protection of metals from the effect of hydrogen, I. U. P. Bralakin, *Zashch. met.*, 1 no. 5:587-590 S-O '65.

STEEL—IMPURITIES

- Mechanism of the oxidation of impurities in a converter bath, L. V. Tsykin, G. N. Okka, *Izv. vys. ucheb. zav., Chern. met.*, 8 no. 9:63-68 '65.

STEEL—INCLUSIONS

- Effect of aluminum on the contamination by nonmetallic inclusions, the plasticity at high temperatures, and the mechanical properties of steel, V. I. Vorozhzhitshev, P. V. Ioshin, V. N. Maslova, *Stal'*, 25 no. 9:552-551 S '65.
- Nonmetallic inclusions in converter steel, S. G. Afanas'ev, A. V. Marinn, *Stal'*, 25 no. 9:607-609 S '65.

STEEL—MAGNETIC PROPERTIES

- Dependence of the magnetostriction of cold-rolled transformer steel on the shape of the specimen and the internal stress intensity, P. N. Dunsev, *Izv. vys. ucheb. zav., fiz.*, 8 no. 3:112-117 '65.

STEEL—METALLOGRAPHY

- Carbon behavior in hardened steel, G. V. Kurdumov, *Metalloved. i term. obr. met.*, no. 8:3-8 Ag '65.
- Development of a deformation texture in cold-rolled transformer steel, N. M. Fedosov, V. P. Papchenko, V. I. Polapov, *Izv. vys. ucheb. zav., Chern. met.*, 8 no. 9:108-112 '65.
- Effect of cold hardening on mechanical properties and fine structure of heat treated steel, A. V. Supov and others, *Stal'*, 25 no. 9:816-818 S '65.
- Effect of the composition of the heat insulating material on the macrostructure of rails, B. Z. Freidenzon and others, *Stal'*, 25 no. 9:893-895 S '65.
- Effect of thermal deformation on the properties of low-carbon steel, I. U. P. Gul', K. N. Miniallovskii, L. M. Pikhina, *Izv. vys. ucheb. zav., Chern. met.*, 8 no. 10:110-115 '65.
- Evaluating the amount of anomalous structure in steels, V. C. Ol'shanetskii, B. S. Nainpov, *Izv. vys. ucheb. zav., Chern. met.*, 8 no. 9:158-162 '65.
- Kinetics of the growth of an austenite grain during the thermal cycle in electroslag welding, G. V. Nazarov, *Svar. proizv.*, no. 12:10-12 D '63.
- Structure of immersed steel section ingots capped with aluminum, L. A. Smirnov, V. M. Timonina, N. D. Korneev, *Stal'*, 25 no. 9:799-802 S '65.

STEEL—METALLURGY

- Effect of aluminum on the contamination by nonmetallic inclusions, the plasticity at high temperatures, and the mechanical properties of steel, V. I. Vorozhzhitshev, P. V. Ioshin, V. N. Maslova, *Stal'*, 25 no. 9:852-854 S '65.
- New developments in ferrous metallurgy, S. G. Nekrasov, M. A. Zalkov, *Izv. vys. ucheb. zav., Chern. met.*, 8 no. 10:177-179 '65.
- New developments in research, I. A. Grekov and others, *Stal'*, 25 no. 9:811-812 S '65.
- The production of mechanically capped steel, P. P. Zavytko, *Izv. vys. ucheb. zav., Chern. met.*, 8 no. 10:49-51 '65.
- Using manganese limestone in oxygen blowing, S. S. Volkov and others, *Izv. vys. ucheb. zav., Chern. met.*, 8 no. 10:52-53 '65.

STEEL—PRICES

- New wholesale prices for ferrous metals, V. I. Chaplanov, *Sbor. trud. TSNIICM* no. 45:36-47 '65.

STEEL—STATISTICS

- Use of ferrous metals in the national economy of the U. S. S. R., L. L. Zusman, *Sbor. trud. TSNIICM* no. 46:154-163 '65.

STEEL—TESTING

- Apparatus for deriving the curves for corrosion stress-strain strength in water of high parameters for specimens of narrow cross section, A. V. Riabchenkov, V. P. Sidorov, N. F. Pongil'skii, *Zav. lab.*, 31 no. 8:1019-1020 '65.
- Certain unsolved metallographic problems in the study of metal wear, M. M. Khushechov, *Metalloved. i term. obr. met.*, no. 8:17-18 Ag '65.
- Comparison of various methods of measuring the ductural perfection of cold-rolled transformer steel, G. M. Vorobiev and others, *Zav. lab.*, 31 no. 8:983-986 '65.
- Conditions and kinds of seizing caused by the friction of hardened steel in hydrocarbon lubricating media, I. U. P. Podolskii, I. V. Korepova, G. V. Vinogradov, *Mashinostroyeniye*, no. 5:100-104 '65.
- Investigating the creep and stress relaxation of high-strength reinforcement steel, K. G. Gabunia, *Sob. AN Gruz. SSR*, 39 no. 2:383-389 Ag '65.
- Rate of the wear of hardened steel in a medium of loose abrasives, N. I. Bogomolov, P. I. Nosach, *Trudy KHIT*, no. 76:11-15 '65.
- Relation between hardness and ultimate strength of forged steel pieces and casts, M. A. Kirsanova, P. V. Sklyuev, *Zav. lab.*, 31 no. 8:1009-1010 '65.
- Strain hardening of hard-to-machine steels caused by compression and tension, A. P. Boreiko, *Trudy LPI*, no. 250:80-82 '65.

STEEL—WELDING

- Economic efficiency of welding in carbon dioxide in plants for the manufacture of heavy machinery, S. I. Golosovskii, *Svar. proizv.*, no. 12:15-17 D '63.
- Effect of the cooling rate on the properties of the austenite-ferrite metal of the weld, K. M. Ivanov, *Svar. proizv.*, no. 12:7-9 D '63.
- Effect of zirconium on the weldability of low-carbon steel, V. A. Savchenkov, I. S. Solnik, V. S. Kovalenko, *Svar. proizv.*, no. 9:13-15 S '65.
- Fluoride and boron flux for arc and electric slag welding of austenite steels and alloys, B. I. Medova, L. V. Chokotilo, S. I. German, *Svar. proizv.*, no. 9:30-32 S '65.
- Resistance welding of OKh16N15M3B (FP376) steel, I. T. Kobylanski, V. D. Pezhekhov, *Svar. proizv.*, no. 3:16-17 Mr '64.
- Spot welding of steel with a phosphate coating, I. A. Rylov, N. M. Rudnik, *Svar. proizv.*, no. 9:19-20 S '65.
- Welding of transformer steel, L. A. Anagorski, A. P. Koshka, *Svar. proizv.*, no. 12:13-14 D '63.
- Welding of two-plate St. 3+EI043 steel, N. V. Pavlov, *Vest. TSNI MPS*, 24 no. 6:50-52 '65.

STEEL, AUTOMOBILE—HEAT TREATMENT

- Developing a technology of heat treatment, A. D. Asanov, *Metalloved. i term. obr. met.*, no. 8:31-34 Ag '65.

STEEL, HEAT RESISTANT—CORROSION

- Gaseous corrosion of austenitic ferritic steels, A. A. Gligorova, N. P. Zhuk, G. G. Sergeeva, *Zashch. met.*, 1 no. 5:480-493 S-O '65.

STEEL, STAINLESS—CORROSION

- Corrosion of apparatus from stainless steel due to concentrated vaporization of radioactive solutions, M. M. Kulepov, *Atom. energ.*, 19 no. 2:153-157 Ag '65.
- Determining the stability of OKh18N9T stainless steel and VT1-1 titanium in an alloyed indium-gallium medium, G. I. Kiknadze, D. M. Zakharov, L. V. Melnikova, *Atom. energ.*, 19 no. 2:177-178 Ag '65.
- Dissolution of stainless steels at the potentials of passive state disturbance by fluoride ions, A. I. Tishman, V. S. Kuzub, *Zhur. fiz. khim.*, 39 no. 8:2020-2021 Ag '65.

STEEL, STAINLESS—ELECTROMETALLURGY

- Effect of new methods of smelting and blowing by argon on the properties of EP-65 stainless steel, P. I. Melnikov, A. V. Stepanov, *Izv. vys. ucheb. zav., Chern. met.*, 8 no. 9:80-85 '65.

STEEL, STAINLESS—TESTING

- Effect of new methods of smelting and blowing by argon on the properties of EP-65 stainless steel, P. I. Melnikov, A. V. Stepanov, *Izv. vys. ucheb. zav., Chern. met.*, 8 no. 9:80-85 '65.

STEEL, STAINLESS—WELDING

- Properties of weld joints in OKh21N5T and OKh21N6M2T stainless steel at low temperatures, N. M. Korolov, A. P. Riakhovskaya, *Svar. proizv.*, no. 9:21-24 S '65.

STEEL, STRUCTURAL

- Crane beams from 16GF steel, B. I. A. Volodarskii and others, *Prom. stroit.*, 42 no. 8:41-43 '65.
- Selection of a better type of joints for steel structural elements, *Prom. stroit. i inzh. soor.*, 7 no. 4:46-48 Ji-Ag '65.
- Selection of an optimal form for steel prestressed girders under quiescent load and practical method for calculating them, A. A. Zevin, *Izv. vys. ucheb. zav., stroit. i arkhit.*, 8 no. 9:27-33 '65.

STEEL, STRUCTURAL—METALLOGRAPHY

- Grain boundaries in structural steel with and without additions of rare earth metals, A. F. Bellakova and others, *Izv. vys. ucheb. zav., Chern. met.*, 8 no. 9:163-167 '65.

STEEL, STRUCTURAL—METALLURGY

- Economic efficiency in the production of various types of increased and high-strength reinforcement steel, G. N. Khairov, I. P. Sokolova, *Sbor. trud. TSNIICM* no. 45:125-130 '65.

STEEL, STRUCTURAL—PLASTIC PROPERTIES

- Statistical investigation of some technological properties of structural steels, M. P. Chernova, *Izv. vys. ucheb. zav., stroit. i arkhit.*, 8 no. 9:3-9 '65.

STEEL, STRUCTURAL—STATISTICS

- Consumption of rolled ferrous metals in the U. S. S. R. during the current seven-year period, V. D. Zamiliansky and others, *Sbor. trud. TSNIICM* no. 45:143-153 '65.

STEEL, STRUCTURAL—TESTING

- Estimating the resistance of some structural steels to cold crack formation during welding, V. M. Zabolotskii, *Svar. proizv.*, no. 3:5-6 Mr '64.

STEEL, STRUCTURAL—WELDING

- Estimating the resistance of some structural steels to cold crack formation during welding, V. M. Zabolotskii, *Svar. proizv.*, no. 3:5-6 Mr '64.
- Weldability of high-strength structural steels, B. Shinkarev, *Prom. stroit. i inzh. soor.*, 7 no. 4:6-7 Ji-Ag '65.

STEEL ALLOYS—ANALYSIS

- Determination of molybdenum and tungsten in high-nitrogen steels and alloys from the same batch by amperometric titration, V. I. Bogovina, V. P. Novak, V. F. Mal'nev, *Zhur. anal. khim.*, 20 no. 9:951-951 '65.

STEEL ALLOYS—ELECTROMETALLURGY

- Effect of certain alloying elements on the temperature of the beginning of steel solidification, A. G. Lifshits, F. P. Edelman, *Izv. vys. ucheb. zav., Chern. met.*, 8 no. 9:74-79 '65.

STEEL ALLOYS—METALLOGRAPHY

- Electron microscopy of the structure of steel castings in connection with their complex alloying and phenomena of reversible temper brittleness, M. P. Braun, I. U. S. Veselinskii, *Izv. vys. ucheb. zav., Chern. met.*, 8 no. 10:120-128 '65.

STEEL ALLOYS—TESTING

- Uniformity of the properties of boiler tubes made of 16Kh1MIF and 12Kh1MIF steels, E. D. Survisseva, *Metalloved. i term. obr. met.*, no. 8:330-342 Ag '65.

STEEL ALLOYS—WELDING

- Concurrent heating in welding 25KhSNVFA steel, A. G. Smirnov, K. V. Liubavskii, *Svar. proizv.*, no. 9:1-5 S '65.

STEEL CASTINGS

- Density, output of acceptable products and safety factor of cast steel parts, P. F. Vesilievskii, V. N. Savolko, *Lit. proizv.*, no. 3:13-16 Mr '64.
- Improving the quality of manganese steel castings, S. N. Mytko, *Mashinostroyeniye*, no. 5:60-63 S-O '65.
- Improving the surface smoothness of steel castings, A. P. Nikiforov, I. U. P. Yasin, A. F. Startsev, *Lit. proizv.*, no. 3:36 Mr '64.

STEEL CASTINGS—DEFECTS

- Characteristics of the formation of laps on stainless steel castings, V. A. Sinitov, V. A. Chechulin, *Izv. vys. ucheb. zav., Chern. met.*, 8 no. 10:133-139 '65.
- Decreasing the fusion of sand on steel castings, V. M. Kiyosheev, *Lit. proizv.*, no. 3:35 Mr '64.

STEEL INDUSTRY see subdivision under Zaporozh'ye

STEEL INDUSTRY—AUDITING AND INSPECTION

- Vladimirov, B. D., [Control of production, managerial and financial operations of a metallurgical plant] *Kontol' proizvodstvennoi i khozhaistvenno-finansovoi delatelnosti metallurgicheskogo zavoda*, Moskva, Metallurgiya, 1964, 127 p.

STEEL INDUSTRY—COSTS

- Economy of the production and consumption of low-manganese cast iron, L. L. Zusman and others, *Sbor. trud. TSNIICM* no. 45:115-124 '65.
- Potentialities in the U. S. S. R. steel industry, N. F. Skokin, *Sbor. trud. TSNIICM* no. 45:13-21 '65.

STEEL INDUSTRY—ECONOMIC ASPECTS

- Dionidov, B. D., and others, [Potentialities in rolling mill operations] *Rезервы прокатного производства*, Moskva, Metallurgiya, 1965, 95 p.

STEEL INDUSTRY—FINANCE

Basic problems in the branch methods of determining the economic efficiency of capital investments in ferrous metallurgy. I. S. Gokhman, M. S. Tshurin. *Sbor. trud. TSNIICHM* no. 45:22-29 '65.

Taking into account connected capital investments in calculating capital investments in the ferrous metallurgy. I. S. Gokhman, M. S. Tshurin. *Sbor. trud. TSNIICHM* no. 45:30-37 '65.

STEEL INDUSTRY—LABOR PRODUCTIVITY

How we uncover potentialities. A. M. Podkorytov, A. M. Shniglin. *Metallurg* 10 no. 9:16 S '65.

Important industrial potentiality. I. A. Budskil. *Metallurg* 10 no. 9:41-42 S '65.

Put potentialities in action. P. M. Tashkov. *Metallurg* 10 no. 9:45-46 S '65.

Scientific Research Laboratory is uncovering potentiality. I. A. Zakharchenko. *Metallurg* 10 no. 9:43 S '65.

STEEL INDUSTRY—MANAGEMENT

see subcategory under Dneprodzerzhinsk; Karaganda

STEEL INDUSTRY—STATISTICS

Technical and economic results of operations in the main productions of ferrous metallurgy during the current seven-year plan. L. D. Udina, R. V. Prikhodko, A. A. Shukhova. *Sbor. trud. TSNIICHM* no. 45:5-12 '65.

STEEL INGOTS

Behavior of gases in the crystallization process of killed steel ingots. A. Kh. Urazgildeev and others. *Izv. vys. ucheb. zav., Chern. met.* 8 no. 9:69-73 '65.

Characteristics of the heating of steel ingots in molten glass. A. D. Akimenko, A. I. Kozlov, A. A. Skvortsov, Kuz.-shim. protzv. 7 no. 9:37-38 S '65.

Effect of the composition of the heat insulating material on the macrostructure of rails. E. Z. Freidenzon and others. *Stal'* 25 no. 9:803-805 S '65.

Efficient rate of steel pouring. A. A. Tol'skii, V. M. Tupliko, N. T. Maslukov. *Metallurg* 10 no. 9:18 S '65.

Heating of rail steel ingots in regenerative pits. P. S. Plekhanov, R. P. Radchenko, M. P. Vishniakova. *Stal'* 25 no. 9:837-810 S '65.

Heating of steel ingots in molten glass. E. G. Shadek, Kuz.-shim. protzv. 7 no. 9:38 S '65.

New developments in research. I. V. Raspopov, G. V. Serdiukov. *Stal'* 25 no. 9:796 S '65.

Semicontinuous furnace for the deoxidizing heating of steel ingots in the melting zone. A. I. Kozlov, A. A. Skvortsov, Kuz.-shim. protzv. 7 no. 9:38-41 S '65.

Studies on the heating conditions of transformer steel ingots. I. D. Zaldman, V. G. Borisenko. *Metallurg* 10 no. 9:34-35 S '65.

STEEL INGOTS—DEFECTS

Structure of rimmed steel section ingots capped with aluminum. L. A. Smirnov, V. M. Timonina, N. D. Koi-nev. *Stal'* 25 no. 9:798-802 S '65.

STEEL PIPE

see Pipe, Steel

STEELWORKS

see Iron and steel plants

STEERING GEAR—ELECTRIC DRIVING

Modernizing the electric system of steering gear on ships. A. Vntrukhin. *Rech. transp.* 24 no. 5:30 '65.

STELAZINE

Clinical electroencephalographic observations in schizophrenia and psychasthenia treated with stelazine. G. D. Zubakov, E. S. Stankevich. *Nauch. trudy Kaz. gos. med. inst.* 14:431-432 '64.

Effect of stelazine on the mental state and the course of cholinergic processes in the organism of schizophrenics. A. I. Valeev, E. A. Kogan, E. S. Stankevich. *Nauch. trudy Kaz. gos. med. inst.* 14:381-382 '64.

STELAZINE—PHYSIOLOGICAL EFFECT

Effect of stelazine on higher nervous activity in dogs. O. I. Sykharulidze. *Fiziol. zhur. [Ukr.]* 10 no. 3:320-333 My-Je '64.

STENOCARDIA

see Angina pectoris

STEREOCHEMISTRY

Gas-liquid chromatography of stereoisomers of unsaturated compounds. M. T. Lantovskii, B. A. Rudenko, *Zhur. anal. khim.* 20 no. 7:848-858 '65.

Influence of the nature of halogen atom on the stereospecificity of α -allyl complexes of nickel in butadiene polymerization. B. D. Babitskii and others. *Izv. AN SSSR, Ser. khim.* no. 8:1507 '65.

Influence of the structure of the monomer unit on the effective dipole moment and intramolecular interaction of some stereoregular polymers. O. P. Mikhailov, L. L. Burshtein. *Vysokom. soed.* 7 no. 8:866-867 My '65.

Stereochemical course of nucleophilic addition to the carbonyl group of cyclohexanes as dependent on the presence and orientation of polar substituents. A. M. Prokhoda, A. A. Akhrem, A. V. Kamernitskii. *Izv. AN SSSR, Ser. khim.* no. 9:1713-1714 '65.

Stereochemistry of the Wittig reaction with β -ionone. L. A. Anovskaya, V. F. Kucherov. *Izv. AN SSSR, Ser. khim.* no. 8:1501-1506 '65.

Synthesis and polycondensation of cis- and trans-isomers of γ -(3-aminocyclohexyl) butyric acid. R. S. Murumova and others. *Vysokom. soed.* 7 no. 8:1351-1358 Ag '65.

STEREOPHONIC PHONOGRAPH CARTRIDGES

Bektabegov, A. K., and V. V. Usachev. [Stereophonic sound pickups] *Stereofonicheskie zvukosnimateli*. Moskva, Energiya, 1964. 38 p. (Massovaya radiobiblioteka, no. 552)

STEREOPHONIC SOUND SYSTEMS

Acoustical units for stereophonic systems. B. Zelenov. *Radio* no. 7:17 JI '65.

The "Dnepr-II" stereophonic system. S. Parfenov, Lushkina. *Radio* no. 7:37-30 JI '65.

Isocentrical curves in stereophonic transmission by means of directional microphones. P. G. Tagel. *Tekh. kino i telev.* 9 no. 8:20-25 Ag '65.

Problem of space perception in stereophonic sound transmissions. V. S. Man'kovskii. *Trudy LKI* no. 10:89-97 '64.

Theoretical calculations of some values affecting the transmission of spatial characteristics of the apparent sound source. V. S. Man'kovskii. *Trudy LKI* no. 10:75-88 '64.

STEREOSCOPIC PHOTOGRAPHY

see Photography, Stereoscopic

STERILITY IN ANIMALS

Has gonadostimulin any effect? A. V. Pozdnakov, L. V. Vinokurov. *Veterinariia* 12 no. 7:77-78 JI '65.

Prophylaxis of sterility in cows in winter. P. I. Abilezov. *Veterinariia* 41 no. 12:57-58 D '64.

STERILITY IN PLANTS

Cytochemical bases of the sterility of wheat-rye hybrids. S. V. Shkurenko. *Vest. sel'khoz. nauki [Kazakh]* 3 no. 9:22-26 S '65.

STEROIDS

Effect of surgical castration and hormone therapy on urinary 17-keto steroids in patients with prostate cancer. L. A. Tsereteli. *Soob. AN Gruz. SSR* 38 no. 2:479-185 My '65.

Phosphorylase activity in the liver of chick embryos in the normal state and under the effect of glycoconitoids. Z. P. Zheleznikova. *Ukr. biokhim. zhur.* 37 no. 4:505-501 '65.

Separation of 17-ketosteroids of human urine by the gradient evolution method. G. L. Dornovskaya-Zolentsova, Uki. biokhim. zhur. 37 no. 4:614-624 '65.

STEROIDS—SPECTRA

Intensity of bands of carbonyl groups in the infrared spectra of solid samples of some steroid compounds. I. A. V. Rishkes. *Zhur. anal. khim.* 20 no. 7:863-868 '65.

STILBENE—SPECTRA

Luminescence spectra of tolan and stilbene at 77°K. V. I. Mykhailenko, P. O. Teplov, V. V. Trusov. *Ukr. fiz. zhur.* 10 no. 6:1018-1024 S '65.

STIMULANTS

Effect of heart stimulants on metabolism in the myocardium (glycogen, glycolysis enzyme activity). K. I. Rubchyn'ska. *Ukr. biokhim. zhur.* 37 no. 4:553-557 '65.

STOCHASTIC PROCESSES

Automatic forecasting stochastic processes. A. S. Kholovov. *Dokl. AN SSSR* 164 no. 3:516-518 S '65.

A class of absolutely continuous nonlinear transformations of Gaussian measures. A. D. Shatakhvili. *Trudy Vych. tsentr. AN Gruz. SSR* 5:89-105 '65.

Distribution of the maximum of a process with independent increments. E. S. Shtatland. *Teor. veroiat. i ee prim.* 10 no. 3:531-535 '65.

Estimation of the characteristic function of an ergodic random process. M. I. Goldberg. *Izv. vys. ucheb. zav.; radiofiz.* 8 no. 4:711-716 '65.

Evaluating the effect of a linearization by a normal random signal. A. A. Perovskii. *Trudy LPI* 252:147-152 '65.

Evaluation of capital investment projects by the criterion of maximum rate of efficiency in the conditions of incomplete information. K. V. Achelashvili. *Ekon. i mat. metod.* 1 no. 4:522-533 JI-Ag '65.

Exposure of hidden periodicities in the presence of correlated noises. M. F. Romanov. *Trudy LPI* 252:140-146 '65.

Isolating a signal from its nonlinear conversion of the background of random interferences. E. P. Gil'bo. *Trudy LPI* 252:127-132 '65.

Optimum control of stochastic processes with distributed parameters. T. K. Sirazetdinov. *Izv. vys. ucheb. zav.; sv. tekhn.* 7 no. 3:38-45 '65.

Second moments of the estimate of a spectral function. M. P. Shafier. *Teor. veroiat. i ee prim.* 10 no. 3:535-539 '65.

Some classes of processes with independent increments. B. A. Rogozin. *Teor. veroiat. i ee prim.* 10 no. 3:527-531 '65.

Some properties of estimations of the spectrum of a stationary process. T. L. Malyevich. *Teor. veroiat. i ee prim.* 10 no. 3:500-509 '65.

Stochastic differential equations in Hilbert space. T. I. Chantladze. *Trudy Vych. tsentr. AN Gruz. SSR* 5:105-124 '65.

STOCK AND STOCKBREEDING

(see also subcategory under Georgia, Novosil' District, Transcaucasia; Ukraine)

Akademii nauk SSSR. *Sibirskoe otdelenie. Institut tsitologii i genetiky. [Genetic principles of farm animal breeding] Geneticheskie osnovy selektsii sel'skokhoziaistvennykh zhivotnykh.* Novosibirsk, Red. i izd. otdel Sibirskogo otd. AN SSSR, 1965. 117 p. (DNAI)

Kislovskii, D. A. [Selected works] *Izbrannye sochineniia.* Moskva, Kolos, 1965. 534 p. (DNAI)

Use of carbamide in animal husbandry. P. N. Tserulskii. *Vest. sel'khoz. nauki [Kazakh]* 3 no. 9:81-85 S '65.

STOCK AND STOCKBREEDING—ABSTRACTS

[Animal husbandry. Veterinary medicine] *Ruf. zhur. Zhiv. Vet.* no. 18 S '65.

STOCK AND STOCKBREEDING—EQUIPMENT AND SUPPLIES

Mechanization has reached the farm. E. Trubnikov, I. Usvich. *Tekh. v sel'khoz.* 25 no. 9:22-24 S '65.

STOCK AND STOCKBREEDING—EXHIBITIONS

Visiting with progressive stockbreeders. D. Drcaviaral kova. *Inform. biul. VDNKH* no. 9:23-24 S '65.

STOCK AND STOCKBREEDING—RESEARCH

State and tasks of scientific studies on biological problems in animal husbandry. A. S. Vsiakhi. *Trudy VIM* 27:3-29 '65.

STOCK AND STOCKBREEDING—STANDARDS

Russia (1917- R. S. F. S. R.) *Ministerstvo sel'skogo khoziaistva. Upravlenie organizatsii truda i zarabotnoi plati. [Standard norms in cattle maintenance] Tipovye normy obsluzhivaniia krupnogo rogatogo skota.* Moskva, Rossel'khozizdat, 1965. 101 p. (DNAI)

STOLANOV, LIUDMIL, 1888—BIBLIOGRAPHY

see Bibliography—Stolanov, Liudmil, 1888-

STOMACH—ABSCESSES

Abscesses and inflammatory tumors of the stomach. I. M. Bim, M. G. Bordinchevskii. *Sov. med.* 28 no. 9:94-96 S '65.

STOMACH—BLOOD SUPPLY

Effect of the disturbance of the integrity of the optic thalamus on the arterial collateral blood supply to the stomach. N. I. Zolova. *Arkh. anat., gist. i embr.* 49 no. 8:45-50 Ag '65.

STOMACH—CANCER

Activity of uropepsin and urine diastase in gastric cancer. T. P. Sarapkina. *Trudy OMI* no. 54:103-102 '64.

Cancer of the stomach according to materials of autopsies performed in Leningrad. E. K. Bolko. *Trudy OMI* no. 54:101-70 '64.

Electrophoresis of blood serum proteins from healthy donors and from patients with gastric cancer in the process of blood preservation. I. E. Matusev. *Trudy OMI* no. 54:83-93 '64.

Enzymic spectrum of the blood in healthy persons and in patients with gastric cancer. T. P. Sarapkina. *Trudy OMI* no. 54:103-109 '65.

Histotopographic analysis of the mucous membrane of the pyloric antrum and the body of the stomach in proliferating and malignant polyps. N. M. Smirnov. *Vop. onk.* 11 no. 7:34-37 '65.

Secretion and oxidizability of the saliva in healthy persons and patients with gastric cancer. A. S. Stepanova. *Trudy OMI* no. 54:77-82 '64.

Selection of the esophageal anastomosis in radical operations for cancer of the upper portion of the stomach invading the esophagus. V. I. Kazanskii, A. V. Bogdanov, L. G. Kharitonov. *Vop. onk.* 11 no. 7:18-23 '65.

STOMACH—DISEASES

Amylase activity of the saliva in some precancer diseases in man. V. G. Tkachenko. *Trudy OMI* no. 54:71-75 '64.

Gastrogenic tetany. P. S. Litshits, V. I. Katsina. *Vest. rent. i rad.* 40 no. 4:71-72 JI-Ag '65.

STOMACH—INFLAMMATION

Clinical picture of the tongue in gastritis and peptic ulcer of the stomach and the duodenum. N. F. Skoropina, Nauch. trudy Kaz. gos. med. inst. 11 5:17-5:19 '64.

STOMACH—RADIOGRAPHY

Optimal exposure in roentgenography of the stomach. P. V. Vlasov, M. L. Mitfanashvili, Vest. rent. i rad. 40 no. 4 61-63 J1-Ag '65.

Some problems of the methodology for the use of morpholine and atropine in X-ray examination of the stomach and duodenum. N. A. Babukhina, Vest. rent. i rad. 40 no. 4 33-37 J1-Ag '65.

Urgent X-ray diagnosis of bleeding gastric and duodenal ulcers. M. K. Shekharbatenko, Sov. med. 26 no. 8 20-28 Ag '65.

STOMACH—SECRETIONS

Change in the quantity of chlorides in the blood and urine following stomach secretion. N. A. Gritshchik, Soob. AN Gruz. SSR 38 no. 2 149-456 My '65.

Changes in the absorptive and secretory functions of the stomach in experimental ulcers during the action of high-frequency physical agents on the organism. V. R. Paltel'tseva, Nauch. trudy Kaz. gos. med. inst. 14 345-346 '61.

Exocrine function of the pancreas in diseases of the biliary tract and secretory insufficiency of the stomach. V. K. Amurleeva, Nauch. trudy Kaz. gos. med. inst. 14 345-346 '61.

Functional state of the stomach following the formation of anastomosis between the portal vein and the inferior vena cava. V. S. Dashkovskaja, Pat. fiziol. i eksp. terap. 9 no. 3 59 My-Je '65.

Method of recording the motility of the stomach in rats with the simultaneous collection of its secretion without a balloon. G. N. Arkhipov, Pat. fiziol. i eksp. terap. 9 no. 3 79-81 My-Je '65.

STOMACH—SURGERY

Peripheral blood picture following gastrectomy and some causes of its change. N. G. Dolizic, Soob. AN Gruz. SSR 39 no. 2 175-480 Ag '65.

Repeated operations on the stomach using mechanical suturing. A. G. Barbanichik, M. P. Villianskii, L. V. Poluektov, Sov. med. 28 no. 8 15-19 Ag '65.

Selection of the esophageal anastomosis in radical operations for cancer of the upper portion of the stomach involving the esophagus. V. I. Kazanskii, A. V. Bogdanov, L. G. Kharitonov, Vop. onk. 11 no. 7 18-23 '65.

X-ray study of the morphology and function of the gastrointestinal tract following resection of the stomach and its substitution with a section of small or large intestine. I. A. Shekhter and others, Vest. rent. i rad. 40 no. 1 24-30 J1-Ag '65.

STOMACH—TUMORS

Abscesses and inflammatory tumors of the stomach. I. M. Rim, M. G. Berdichevskii, Sov. med. 28 no. 9 94-96 S '65.

Angioarchitectonics of glomus tumors of the stomach: a single observation. E. K. Nikolaev, Vop. onk. 11 no. 9 82-85 '65.

Case of chorion of the stomach. R. M. Agranovich, Vest. rent. i rad. 40 no. 4 68-69 J1-Ag '65.

Chemosedoma of the stomach, a single observation. V. I. Knysh, Vop. onk. 11 no. 9 80-82 '65.

Fibromyoma of the stomach. I. P. Bondarev, Vest. rent. i rad. 40 no. 4 60-70 J1-Ag '65.

STOMACH—ULCERS

Analysis of the development of destructive changes in the mucous membrane of the gastric wall during combined microcirculation and electrical stimulation. O. N. Zbrodina, Pat. fiziol. i eksp. terap. 9 no. 3 68 My-Je '65.

Role of neurohumoral factors in trophic disorders of the oral cavity in experimental gastric ulcer in dogs. F. S. Khamitov, Nauch. trudy Kaz. gos. med. inst. 14 321-322 '64.

STOMATOLOGICAL RESEARCH

see subdivision under Kazan

STOMATOLOGY

(see also subdivision under Kazan)

Indicators of the mechanical strength of the ED-5, ED-6 and ED-40 epoxy resins and their use in orthopedic stomatology. L. P. Bobrovskikh, Nauch. trudy Kaz. gos. med. inst. 14 115-116 '64.

STOMATOLOGY—BIBLIOGRAPHY

see Bibliography—Stomatology

STONE

Ornamental properties of natural building materials. V. A. Khachatunian, Izv. AN Arm. SSR. Ser. tekhn. nauk 18 no. 4 55-67 '65.

STONE, CAST

Developing compositions and investigating the properties and structure of crystallized melts from local raw materials. L. G. Mol'nichenko, V. P. Sazonova, Stek. i ker. 22 no. 7 9-12 J1 '65.

Increasing the strength of glass fiber in a medium of a hardening cement stone. P. P. Budnikov, A. A. Paschenko, K. K. Kaitbaev, Izv. AN SSSR. Ser. tekhn. nauk 1 no. 7 1210-1211 J1 '65.

STONE AGE

see subdivision under Kazakhstan, South Valley

STONE BUILDING

see Building, Stone

STONE INDUSTRY

Chronological classification and present-day methods of processing stone. K. I. Rozakov, Stroitel. mat. 11 no. 8 13-16 Ag '65.

STONECUTTING

Industrial testing of stone-cutting machinery with various types of drive. M. G. Leikina, Stroitel. mat. 11 no. 8 13-16 Ag '65.

STONECUTTING—EQUIPMENT AND SUPPLIES

Galunin, K. P., B. T. Shevkun, and I. A. Pemo. [Optimum cutting conditions and the geometry of disk cutters of stonecutting machines] Optimal'nye usloviya rezaniya i geometriya rezyay diskov kamnerезных машин. Pod red. K. P. Galunina, Kishinev, Karlia moldovenlaske, 1964, 103 p.

STOPPING (MINING)—EQUIPMENT AND SUPPLIES

Equipment for the mechanization of auxiliary operations in stopes. M. Ch. An, V. A. Novikov, A. Smalov, Trudy Inst. gor. dela AN Kazakh. SSR 17 113-118 '65.

STOPPING POWER (NUCLEAR PHYSICS)

Shielding parameters of concretes. L. N. Zaitsev and others, Atom. energ. 19 no. 3 303-307 S '65.

Use of the X-ray photoemission method in studying the passage of medium-energy electrons through material media. L. G. Filisenko, V. N. Shestakov, M. A. Rumsh, Vest. LGU 20 no. 10 69-73 '65.

STORAGE BATTERIES

Development of chill mold casting in the storage battery industry. I. U. P. Gluzin, M. A. Danilina, Elektrotehnika 36 no. 8 80-83 Ag '65.

Distribution of current in the electrodes of a silver-zinc storage battery. V. V. Herond, B. A. Gorchikov, V. E. Dmitrenko, Elektrotehnika 36 no. 9 11-43 S '65.

Effect of current density and the conditions of sulfuric acid diffusion on the capacity of the plates of a lead acid battery. T. A. Solitaki, V. S. Ianchenko, Elektrotehnika 36 no. 8 11-43 Ag '65.

Method for welding storage battery plates. A. D. Shalina, Avtom., telet. i aviaz. 9 no. 9 38 S '65.

STORAGE BATTERIES—MAINTENANCE AND REPAIR

Continuous line for the repair of storage batteries. L. I. Vstavaev, I. V. Dmitrienko, Flek. i tepl. inzh. 9 no. 8 3-4 Ag '65.

How to prevent short-circuits in ABN-72 storage batteries. P. A. Shokhov, Avtom., telet. i aviaz. 9 no. 8 34 Ag '65.

STORE FIXTURES

New advertising equipment. S. Ginsburg, Sov. torg. 38 no. 9 57-58 Je '65.

STORES, RETAIL—MANAGEMENT

Specialization and types of notions stores. G. Saprokhin, Sov. torg. 38 no. 9 16-10 S '65.

STOVES, ELECTRIC

Use of electric stoves in city dwellings in the U.S.S.R. E. S. Lokhtov, Nov. tekhn. zhil.-kom. khoz., Elek. i tepl. gor. no. 5 10-15 '61.

STOVES, GAS

New burners for household gas stoves. A. V. Kuznetsov, Izv. gaz. v nar. khoz. no. 2 71-77 '63.

STOWAGE

Improve the technology of stowage and the removal of the residues of bulk cargoes. I. N. Kurkin, Rech. transp. 21 no. 8 14-15 Ag '62.

Ways for efficient utilization of the carrying capacity of general cargo ships. S. Shovkin, Mor. flot 25 no. 9 5-6 S '65.

STOWAGE—EQUIPMENT AND SUPPLIES

What we have learned from the use of the PTE-1 stowage machines. V. Misan, G. G. Gorbunov, Mor. flot 25 no. 9 12-13 S '65.

STRABISMUS

Clinical characteristics of operations on the horizontal ocular muscles in concomitant strabismus. Sbor. nauch. trud. SOGMI no. 14 152-157 '63.

STRAIN GAUGES

Explosionproof measurements by wire gauges. V. F. Falshtein, I. U. V. Bogdanov, Sbor. KuzNIUI no. 10 231-235 '64.

Heat-resistant self-thermocompensating strain gauges. A. A. Vasil'ev, M. L. Daichik, Mashinovedenie no. 5 117-120 '65.

Universal explosionproof tensometer. V. F. Fal V. P. Orlov, Sbor. KuzNIUI no. 10 222-230 '61.

STRAINS AND STRESSES

(see also subdivision under Nurek Dam)

Calculation of stresses in the water races of two dams with bottom operation. S. M. Silasht, SI MSI no. 46 104-117 '64.

Calculation of the effect of local tangential and normal loads on an inhomogeneous plate fastened at the F. Gadalov, I. Shinkulov, Vop. vych. mat. i tel. no. 3 3-16 '61.

Change of stresses in the elements of the frame waves. L. I. Riklov, G. M. Rikhsanov, Sud. 30 no. 7 14-17 J1 '64.

Concentration of stresses around eccentric holes turbine discs and pump discs. H. S. Pyasrenko, Barzhenov, I. A. Kozlov, Dop. AN URSR no. 9 11 '65.

Creep of rails caused by the passage of six-axle V. G. Alibekhi, N. I. Karpushchenko, Puti i puti no. 8 40 '65.

Dependence of the magnetostatic effect of cold-rolled forms steel on the shape of the specimen and internal stress intensity. F. N. Dunaev, Izv. vyzav. fiz. 4 no. 3 112-117 '65.

Determining the maximum loads of the traction inclined multiple apron and belt-chain conveyer. G. N. Kost, Nauch. soob. IGD 26 62-70 '65.

Distribution of loads in a chain link with the form figure eight. V. F. Ugol'tkov, V. I. Rozdilov, DGI 11 pt. 2 80-88 '62.

Effect of anisotropic stresses on the fluctuation of magnetostatic fluctuations. G. A. Pechakov, I. U. M. Kofinkov, Fiz. tver. tela 7 no. 6 2330-23 '65.

Effect of the depth of workings on stress distribution in the underlying rock of a seam being mined. Savost'yanov, V. I. Sytko, Izv. vyz. ucheb. zav. zhur. 8 no. 7 13-17 '65.

Effect of the method used in assembling a frame structure on the stressed state of its elements. A. I. Dviny, V. D. Shapiro, Prom. stroit. 42 no. 8 '65.

Effect of the stressed state diagram on the metal in metal cutting. I. U. I. Khudik, V. I. Khudik, I. shan. proizv. 7 no. 8 12 Ag '65.

Experimental determination of the curves of strain hardening caused by tension and compression. Istomin, Trudy LPI no. 250 75-78 '63.

Intensity of stressed and strained state caused by cutting. L. S. Minskikh, Trudy LPI no. 250 5 '65.

Investigating dynamic fatigue stress of a bolt. M. Kolov, I. U. I. Grigor'ev, Nauch. soob. IGD 28 74 '65.

Investigation of stresses in shearing and shearing pressure by the photoelastic method. A. N. Pot, A. I. Putlov, Izv. vyz. ucheb. zav., stroit. larkh no. 9 120-134 '65.

Loads on tower headframes. G. L. Rozenblit, Sh. stroit. 9 no. 9 15-17 S '65.

Photoelectric method for determining the optical angles of the motion and angles of inclination of principal stresses. V. P. Netrebko, Vest. Mosk. Ser. 12 Mat., mekh. 20 no. 5 48-51 '65.

Plastic disintegration. V. V. Novozhilov, Prikl. n. mekh. 20 no. 1 881-889 J1-Ag '65.

Reducing pipeline joint stresses. Kh. F. Sultanov, K. E. Hasehchepkin, E. M. Iasin, Transp. i khaan i netrebko, no. 8 5-9 '65.

Solution of some problems of the theory of elastostatic inhomogeneous infinite band. I. M. Kovalchik, LPT 4 no. 1 27-10 '60.

Stresses in a piecewise homogeneous medium. A. Kalandia, Prikl. mat. i mekh. 20 no. 4 785-781 '65.

Stresses in a plate with a circular opening. M. Kalinink, Dokl. LPT 4 no. 1 20-24 '60.

Study of the limits of the proportionality of stress to the elastic deformations of rubber. A. B. Kusov, others, Kauch. i rez. 24 no. 5 35-36 My '65.

Studying the loads rising from the work of rotary cushion boring machines. I. A. Serov and other Gor. zhur. no. 9 53 S '65.

Taking shrinkage stresses into consideration in the cast-metallurgical structures of the Kiev Hydroelectric Power Station. N. Meteluk, V. Sopunov, Prom. inzh. 4 no. 6 39-41 N-D '62.

Using the polarization-optical method in investigating three-dimensional stressed state. A. K. Preiss, Mashinovedenie no. 5 115-116 '65.

STRAINS AND STRESSES—GRAPHIC METHODS

Form of the curve of tangential contact stresses at upset forging of cylinders and during rolling with smooth rolls. I. L. Perlin, Izv. vyz. ucheb. zav. zhur. 8 no. 3 146-147 '65.

STRAINS AND STRESSES—MEASUREMENT

Methods for radiographic measurement of stresses. D. M. Vasil'ev, Zav. lab. 31 no. 8 972-978 '65.
Some characteristics of the radiographic method of measurement of elastic stresses. M. I. Fuchs, L. I. Gladikh, Zav. lab. 31 no. 8 978-983 '65.
Using strain gauges for determining stressed state in concentration areas. V. G. Bazhenov, I. A. Pozlov, Mashinostroenie no. 5 90-92 S-O '65.

STRANGLING

Determination of the duration of strangulation according to the clinical picture. M. I. Fedotov, Nauch. trudy Kaz. gos. med. inst. 14 309-310 '64.
Period of the development and duration of the healing of the rope imprints in persons revived after hanging. M. I. Fedotov, Nauch. trudy Kaz. gos. med. inst. 14 307-308 '64.

STRATEGY

[Problems of strategy and operational art in Soviet military works, 1917-1940]. Voprosy strategii i operativnogo iskusstva v sovetskikh voennykh trudakh (1917-1940 gg.) Moskva, Voenizdat, 1965 767 p.

STRATIGRAPHIC GEOLOGY see Geology, Stratigraphic

STRATIGRAPHIC PALEONTOLOGY see Paleontology, Stratigraphic

STRAW—HARVESTING

Loading hay and straw bales. I. U. Kochergin, Tekh. v sel'sk. khoz. 25 no. 8 90-92 Ag '63.

STREAM MEASUREMENTS

(see also subdivision under Angara River; Ay River Watershed, Volga River)
Calculations of the motion of a release wave. V. I. Mokhal'skiy, Trudy UkrNIGMI no. 51 32-38 '65.
Constructing a unit hydrograph. V. I. Mokhal'skiy, Trudy UkrNIGMI no. 51 3-11 '65.
Use of the G. P. Kalinik and P. I. Mikhukov methodology for calculating the unsteady flow of water under winter conditions. L. S. Gofshstein, Trudy TSIP no. 141 98-104 '65.

STREET LIGHTING

New types of light fixtures for municipal street lighting. O. G. Korogin, Nov. tekhn. zhil.-kom. khoz. Elek. i tepl. gor. no. 5-52-52 '61.

STREETCARS

Iablonskiy, M. P. [Manual on the operation of RZV-6 streetcars]. Pamiatka po ekspluatatsii tramvaynogo vagona RZV-6, Moskva, Stroizdat, 1965. 86 p.

STRENGTH OF MATERIALS

Change in the strength of some substances in the region of polymorphic transitions under pressure. L. D. Livshits and others, Dokl. AN SSSR 164 no. 3-541-544 S '65.
Effect of an ultrasonic field on the strength of metals and alloys in the presence of a liquid metal medium. P. D. Novokreshchenov, V. P. Riazanskii, Dokl. AN SSSR 164 no. 1-86-80 S '65.
Gamma coefficient in the equation for stress-rupture strength. I. M. Ivanov, Fiz. tver. tela 7 no. 8-2529-2532 Ag '63.
Shapiro, D. M., A. I. Podorvanova, and A. N. Mironov. [Collection of problems of the strength of materials]. Sbornik zadach po soprotivleniyu materialov. Izd. 2., perer. Moskva, Vysshaya shkola, 1965. 359 p.

STREPTOCOCCAL INFECTIONS

Clinical importance of determining the titer of anti-streptococcal antideoxyribonucleases in various forms of rheumatic fever. N. D. Morozova, M. G. Nefedova, Nauch. trudy Kaz. gos. med. inst. 14 491-492 '64.
Dynamics of some immunological indices in animals with experimental streptococcus infection in combined cortisone and penicillin therapy. N. G. Busygina, Zhurn. mikrobiol., epid. i immun. 42 no. 8 31-36 Ag '65.
Experimental endocarditis induced by injection of streptococci and cardiocytotoxic or normal horse sera in rabbits and rats. A. I. Gritseluk, Pat. fiziol. i eksp. terap. 9 no. 4-32-38 31-Ag '65.
Identification of streptococci isolated from the root canals of teeth with periodontal diseases and tonsils. A. Sh. Gubaidullina, G. Z. Khabirova, Nauch. trudy Kaz. gos. med. inst. 14:153-154 '64.
Model of experimental meningitis in rabbits caused by streptococcal and staphylococcal L-forms. E. L. Koptelova, V. I. Pokrovskii, E. P. Gorshkova, Vest. AMN SSSR 20 no. 8-89-84 '65.
Pathogenic properties of streptococci from the gangrenous pulp of milk teeth with caries. V. I. Enikeeva, Nauch. trudy Kaz. gos. med. inst. 14:165-166 '64.
Pyogenic streptococci isolated in cranio-cerebral inflammatory diseases and their relation to antibiotics. V. F. Imshemet'skaya, Antibiotiki 10 no. 9-816-819 S '65.
Results of experimental infection of Macaca speciosa monkeys with L-forms of Streptococcus haemolyticus. G. I. A. Kagan and others, Vest. AMN SSSR 20 no. 8-54-80 '65.

STREPTOCOCCUS

Allergic properties of the Grasse antigen of the L-forms of Streptococcus haemolyticus. V. A. Fradkin, Vest. AMN SSSR 20 no. 8-64-66 '65.
Chemical composition of an L-culture of β -hemolytic streptococcus of the A group and its reversals. A. N. Bikhova, L. I. Koptelova, R. P. Kavolnina, Vest. AMN SSSR 20 no. 8-29-31 '65.
Comparative study on the substructure of the L-form of Proteus vulgaris and the L-form of Streptococcus haemolyticus. L. A. Shadina, Vest. AMN SSSR 20 no. 8-17-20 '65.
Study of the effect of some conditions of the cultivation of Streptococcus lactis on the formation of nisin. I. U. B. Shkudova, N. S. Igorov, T. P. Ovcharova, Antibiotiki 10 no. 9 784-788 S '65.

STREPTOMYCIN

Natural and induced variability of the strain LS-1 with respect to production of antibiotics on various media. F. S. Morozova, S. I. Alukhanian, Antibiotiki 10 no. 8 706-713 Ag '65.
Resistance formation in Sonne dysentery bacilli to antibiotics and phage under the effect of streptomycin combined with vitamin B₁₂. S. T. Dzhabak, Antibiotiki 10 no. 9-837-840 S '65.
Semicontinuous biosynthesis of streptomycin and oxytetracycline. Bohumil Silya, Antibiotiki 10 no. 8 675-678 Ag '65.
Transmission of resistance to streptomycin in streptomyces by means of phages. E. M. Paderina, Antibiotiki 10 no. 9-832-836 S '65.

STREPTOMYCIN—SIDE EFFECTS

Reduction of microfilaria in the body resulting from prolonged contact with antibiotics. F. L. Vil'shanskaya, G. B. Shteinberg, Antibiotiki 10 no. 8 755-760 Ag '65.

STRESS (PHYSIOLOGY)

Changes in the functional indices of external respiration in response to a controlled physical load. G. I. Maslova, Trudy TSIP 77-19-24 '65.
Effect of prolonged hypoxia on the human resistance to stresses. A. R. Kotovskaya and others, Probl. kosm. biol. 4-333-342 '65.
Effect of transverse stresses on the organism of female monkeys. A. R. Kotovskaya, Probl. kosm. biol. 4 322-332 '65.
Glial-neuronal relations during intensified functioning of neurons according to data of morphological research. M. M. Alekseyevskaya, I. A. Gelfman, V. N. Mats. Zhurn. nevro. i psikh. 65 no. 2 161-167 '65.

STRIP MINING

(see also subdivision under Donets Basin)
Calculating the dynamic resources of underground water in open-pit mining. N. S. Koshevoi, Izv. vyz. ucheb. zav. gor. zhur. 8 no. 7 9-12 '65.
Correlation of the marginal content with the level of depletion in open pit ore mining. L. G. Galtman, I. B. Tabakman, Izv. vyz. ucheb. zav., tsvet. met. 0 no. 3 8-11 '65.
Mining small ore bodies by open-pit operations. R. N. Zakvatkin, Gor. zhur. no. 8 12-14 S '65.
Nikitin, V. S. [Open-pit mine ventilation; report at the anniversary session of the Scientific Council dedicated to the memory of Academician A. A. Skochinskii on the occasion of the 80th anniversary of his birth]. Problema provetritivania otkrytykh gornykh razrabotok; doklad na jubileinoe zasedaniye Uchenogo soveeta, posviashchenom pamiatii akademika A. A. Skochinskogo v svyazi s 80-letiem so dnia rozhdeniya. Moskva, Int-gornogo dela, 1964. 24 p.
Novozhilov, M. G., B. N. Tartakovskii, and M. I. Barsukov. [Designing a technology for open-pit mine construction by using continuous techniques]. Proektirovaniye tekhnologii stroitel'stva kar'erov pri primeneni tekhniki nepreryvnogo deistviya. Moskva, Nauka, 1965. 110 p.

Results of testing chain and bucket excavators at the Kumartov Coal Sh. ip Mine. V. N. Trudov, Izv. DGI 41 pt. 2-69-74 '62.

Studying the performance of pin roller bits in strip mining and ways of improving their design. L. P. Konstantinov and others, Gor. zhur. no. 9 42-46 S '65.

STRIP MINING—COSTS

Methods of writing off the expenses for stripping operations in coal mines. G. M. Baskov, N. I. Zamin, Ugol' 40 no. 9-24-26 S '65.
Selecting the optimum positioning of bridge excavators during the parallel advancing of the working connection face with the modernization of the "Semenov-Golovkovskii" mine. I. U. Lozovskii, Ugol' 40 no. 9-26-27 S '65.

STRIP MINING—ECONOMIC ASPECTS

Ways of improving technical and economic performance indices of roller bit boring machines in strip mining. B. N. Kutuzov, R. G. Shmidt, Gor. zhur. no. 9-28-31 S '65.

STRIP MINING—EQUIPMENT AND SUPPLIES

The most important problems facing the roller bit drilling of boreholes in strip mining. M. I. Ermolenko and others, Gor. zhur. no. 9 50 S '65.
Problems of using diesel hammers for borehole drilling in strip mining. V. A. Novikov, V. G. Lelikh, I. V. Sheremetev, Trudy Inst. gor. del. AN Kazakh. SSR 17:10-49 '65.
Results of some experimental studies on the conveyor bridges at the Baydakov and Semenov-Golovkovskii coal strip mines. V. N. Trudov, Izv. DGI 41 pt. 2, 75-79 '62.

STRIP MINING—PRODUCTION METHODS

Novozhilov, M. G., B. N. Tartakovskii, and V. S. Pektin. [Continuous techniques in open-cut mining of deposits; theoretical bases]. Potokhnaya tekhnologiya otkrytogo razrabotki mestozhiznenniy, teoreticheskie osnovy. Kiev, Naukova dumka, 1965. 249 p.

STROMATOPOROIDEA see subdivision under Ural Mountains

STRONK, GEORGH ADA MOVICH, 1910-
Polnukhov, V. I. Georgii Adamovich Stronk, Leningrad, Khudozhnik RSFSR, 1964. 20 p. illus. (NIC)

STRONTIUM CHLORIDE CRYSTALS

Complexes of Mn^{2+} and Fe^{3+} impurity ions in strontium chloride crystals. M. I. Kononov, I. S. Sorokina, Fiz. tver. tela 7 no. 8-2301-2306 Ag '65.

STRONTIUM ISOTOPES

Sorption of strontium-90 and cesium-137 by the active silts of the Black Sea. D. D. Buranova, G. G. Polikarpov, Okeanologiya 5 no. 4-646-648 '65.

STRONTIUM ISOTOPES—PHYSIOLOGICAL EFFECT

Acetylcholine content and cholinesterase activity in the blood of rats subjected to Sr^{90} . A. V. Fedorova, Radiobiologiya 5 no. 4-501-501 '65.
Effect of magnesium sulfate on the removal of strontium-90 from the organism of some laboratory animals. B. N. Annenkov, Radiobiologiya 5 no. 4-620-621 '65.
Effect of strontium-90 on the development of bones in rat generations. A. M. Lushchikova, Arkh. anat., gist. i embr. 49 no. 8-101-04 Ag '65.

STRUCTURAL FRAMES

Assembling the bearing frame of single-story industrial buildings. M. D. Spektor and others, Mont. i op. rab. v stroit. 27 no. 5-12-13 My '65.
Effect of the method used in assembling a frame structure on the stressed state of its elements. A. I. A. Vinogradov, O. N. Lashko, Izv. vyz. ucheb. zav.; sv. tekhn. 7 no. 3-52-58 '66.

STRUCTURAL FRAMES—MODELS

Simulating thin-walled structures working in an elastic-plastic deformation zone during bending. R. I. Vinogradov, O. N. Lashko, Izv. vyz. ucheb. zav.; sv. tekhn. 7 no. 3-52-58 '66.

STRUCTURAL GEOLOGY see Geology, Structural

STRUCTURAL STEEL see Steel, Structural

STUDENT ACTIVITIES see subdivision under Czechoslovakia

STUDENT EMPLOYMENT

Terms of students' work during production work and practical training. K. Urzhinskii, Sots. trav. i sp. 12 no. 8-124-128 '65.

STUDENTS

The most important is to orient yourself. S. Bogdanovskii, Mol. komm. no. 9-73-75 S '65.

STUDENTS—HEALTH AND HYGIENE see subdivision under Kazan

STUDY, METHOD OF

Let's teach the students to organize their studying. T. N. Kabanova-Meller, Sred. shkola, 12 no. 3 5-9 Ag '65.

STUPOR

Some mechanisms of reactive stupor. G. V. Morozov, Probl. obshchest. i sud. psikh. no. 13-222-229 '63.

STURGEONS see subdivision under Caspian Sea; Volga Delta

STURGEONS—PHYSIOLOGY

Comparative characteristics of the humoral factors of natural immunity in sturgeons. V. I. Luk'yanenko, Dokl. AN SSSR 164 no. 2-406-408 S '65.
Some biochemical indices for evaluating young sturgeon. I. N. Petrenko, Ryb. khoz. 41 no. 7-21-22 '65.

STYLE, LITERARY

Kovalev, V. A. [Diversity of styles in Soviet literature] *Mnogopostizhnye stil'i v sovetskoi literatse*. Moskva, Nauka, 1965. 138 p.

STYLE IN DRESS see Fashion

STYRENE

Catalytic synthesis of α -aminostyrene. A. A. Artamonov, A. A. Balandina, R. D. Bodnarchuk. Dokl. AN SSSR 161 no. 2 327-330 S '65

Formation of radicals during the reaction of oxygen with the double bond of styrene. L. N. Denisova, I. I. Denisov. Izv. AN SSSR Ser. khim. no. 9 1702-1701 '65

Kinetics of styrene polymerization in the presence of some tert-amylic peracylates. V. D. Chel'ev and others. Ukhim. zhur. 31 no. 8 831-838 '65

Photographic determination of organic compounds being reduced in the far negative region of potentials. Report 1. Polarography of alkyl-substituted styrenes. V. D. Bezuglyi, I. U. P. Ponomarev. Zhur. anal. khim. 20 no. 7-8 842-847 '65

STYRENE POLYMERS

Adhesive for plastics made with polystyrene. I. A. Kashkovskaya, M. I. Khrutova, V. I. Milovanova, Iopol', gaz. v nar. khoz. no. 2 47-52 '63

Dielectric relaxation in the surface layers of polymethyl methacrylate and polystyrene. I. U. Laptev. Vysokom. sozd. 7 no. 8 1130-1135 Ag '65

Mechanism of the removal of suspension type impurities from styrene copolymers. A. A. Bauman. Plast. massy vo. 8 63-64 '65

Some polymers of styrene obtained in the presence of Friedel-Crafts catalysts. T. A. Fokina and others. Vysokom. sozd. 7 no. 5 916-947 My '65

Swelling of the copolymer of styrene with divinyl benzene. V. D. Chel'ev and others. Plast. massy no. 8 5-6 '65

STYRENE POLYMERS—ELECTRIC PROPERTIES

Electric conductivity of polystyrene solutions. B. I. Sazhin, V. P. Shvartv. Vysokom. sozd. 7 no. 6 962-965 Je '65

STYRENE POLYMERS—SPECTRA

Infrared spectroscopy method for the study of the mal- and photocuring of certain polystyrene plastics. G. P. Prizina and others. Plast. massy no. 9 55-59 '65

SUBLIMATION (PHYSICAL SCIENCES)

Investigating the vaporization of lanthanum hexaboride. S. P. Gordienko, G. V. Samsonov, V. V. Esenko. Pateh. met. 5 no. 8 70-73 Ag '65

Kinetics of tin monosulfide sublimation. A. S. Tumarev, I. N. Filina. Izv. v. s. ucheb. zav. i lavet. met. 8 no. 3 82-85 '65

Studying the inflammability of lead and zinc sublimates. V. N. Kazakov, V. I. Smirnov. Izv. v. s. ucheb. zav. i lavet. met. 8 no. 4 102-67 '65

SUBMARINE BOATS

Apparatus for underwater explorations. I. N. Sakhalov. Sudostroyeniye no. 8 18-19 Ag '65

SUBMARINE DIVING see Diving, Submarine

SUBMARINE GEOLOGY see subdivision under Indian Ocean

SUBMARINE GEOMORPHOLOGY see subdivision under Norwegian Sea

SUBMARINE WARFARE

Reconnaissance with submarines. I. V. Firsov. Mor. shor. 48 no. 10 10-22 O '65

SUBMARINE WARFARE—STUDY AND TEACHING see subdivision under United States

SUBSIDENCES (EARTH MOVEMENTS)

(see also subdivision under North Stavropol Oil Field)

Probability of dynamic phenomena in coal mines. V. V. Khodot, G. N. Feit, Ugol' 40 no. 9 65-67 S '65

Rock bumps. V. I. Nikolin, A. A. Ilyitskii. Vop. gor. davl. no. 17 50-54 '63

Settling of the ground surface during gasification of a coal seam at the industrial gas-producer, "Podzemgaz", No. 3 Angren plant. V. V. Zhukov, G. V. Orlov. Trudy VNIIPodzemgaz no. 12 68-74 '64

SUBSTITUTION (CHEMISTRY)

Properties and structure of large molecules. Part 3. I. U. G. Papulov. Zhur. fiz. khim. 39 no. 8 1840-1855 Ag '65

Study of the induction effect of substituents in organochlorides by the nuclear quadrupole resonance method. I. P. Biriukov, M. G. Voronkov, I. A. Saft. Teoret. i eksper. khim. 1 no. 3 373-380 My-Je '65

SUBWAYS—SURVEYING

Atanas'ov, V. G., A. O. Alekseev, and E. N. Sokolov. [Geodesy and mine surveying in the construction of tunnels and subways] Geodezika i marksholderstva pri stroitel'stve tunnel' i metropolitenov. Moskva, Nedra, 1965. 229 p.

SUCCINIC ACID—EFFECT ON SEEDS see Seeds, Effect of succinic acid on

SUCCINIC ACID—EFFECT ON PLANTS see Plants, Effect of succinic acid on

SUGAR—ANALYSIS AND TESTING

Electric type SV-1 juice extractor for bagasse crushing in determining its sugar content. A. T. Danilov, I. V. Meslinro. Sakh. prom. 39 no. 8 18-39 Ag '65

Errors in determining the sugar content of sugar beets due to the discrete control of the pertinent parameters. I. L. Rutkov, E. M. Trakhtenberg. Sakh. prom. 39 no. 8 23 Ag '65

Refractometric method for determining sugar content of spice mixtures. O. I. Nabicheva, L. L. M. P. Agapushkina. Kons. i ov. prom. 20 no. 9 30-32 S '65

SUGAR—STORAGE

Aerodynamic resistance of a granulated sugar layer in bins. A. I. Zaborin. Khim. prom. no. 3 36-39 Ji-S '65

Best methods of sugar storage. I. L. Villanskii. Sakh. prom. 39 no. 8 72-74 Ag '65

SUGAR BEET MACHINERY

Harvesting sugar beet tops. V. Volodin. Tekh. v sel'khoz. 25 no. 9 13-15 S '65

Harvesting sugar beets by stages. V. Savkin. Tekh. v sel'khoz. 25 no. 9 74-75 S '65

Improving the performance of sugar beet hoisting machinery. A. P. Parkhod'ko. Sakh. prom. 39 no. 9 48-50 S '65

Machine harvesting of sugar beet seed plants. A. Fomichev, G. Iakimenko. Tekh. v sel'khoz. 25 no. 9 15-18 S '65

Modernization of the KS-3 sugar beet combine. M. Konstantinovskii, V. Kravchenko, N. Lyusnenko. Tekh. v sel'khoz. 25 no. 8 53-56 Ag '65

Sugar beet harvesting by E. N. Farukov's team. N. Bublik and others. Tekh. v sel'khoz. 25 no. 9 12-13 S '65

Use of the Pavluk-Sokolov system stone and sand catchers for beet tail separation. I. B. Bal'kov, E. K. Kopytko, A. A. Mikhail'chuk. Sakh. prom. 39 no. 8 60-61 Ag '65

SUGAR BEET MACHINERY—TESTING

Results of the testing of "RUM-U4M1" and "Complex-5-TSFS" loading and unloading machines in 1964. V. A. Novikov, N. M. Kichigin. Sakh. prom. 39 no. 8 77-31 Ag '65

Results of the testing of the equipment of sugar beet handling lines from the field to the factory. I. U. G. Gorchakov, V. A. Makulov, E. V. Iomak. Sakh. prom. 39 no. 9 16-19 S '65

SUGAR BEETS

(see also subdivision under Kazakhstan; Moldova)

Biogenic stimulants and the productivity of sugar beets. L. V. Gavrilo. Biol. Glav. bot. suda no. 57 98-100 '65

Characteristics of the development of the embryo sac in monosperous tetraploid sugar beets. N. B. Zaikovskii, V. E. Belov. Dokl. Akad. sel'khoz. nauk no. 7 11-15 Ji '65

Effect of the protein substances of sugar beets on the viscosity of the prepared mash. V. A. Verzhbitskii, A. L. Malchenko. Feim. i spirt. prom. 31 no. 6 7-10 '65

Efficiency of the creation of agricultural and industrial production combines in sugar beet growing areas. V. R. Belen'kii. Sakh. prom. 39 no. 8 31-35 S '65

From the experience in the processing of sugar beets to alcohol. Feim. i spirt. prom. 31 no. 8 38 '65

Problems of the improvement of standards in the handling and storage of sugar beets in the sugar industry. V. M. Rybachuk. Khim. prom. no. 3 71-76 Ji-S '65

Processing of sugar beets in a mixture with grain and potato raw materials and molasses. V. L. Iakovenko and others. Feim. i spirt. prom. 31 no. 6 37-40 '65

Processing of sugar beets in the raw state with partial boiling out. I. P. Grishko. Feim. i spirt. prom. 31 no. 6 41-42 '65

Some problems in the handling of raw materials. V. V. Ivanov. Sakh. prom. 39 no. 9 30-42 S '65

Technological characteristics of mono- and polysperous sugar beets. P. V. Karpenko, I. K. Iakimenko. Sakh. prom. 39 no. 9 43-46 S '65

Testing herbicides for the extermination of dodder in sugar beet fields. P. N. Glazkov. Vest. sel'khoz. nauk [Kazakh.] 8 no. 8 13-17 Ag '65

SUGAR BEETS—FERTILIZERS AND MANURES

(see also subdivision under Chuyskiy District, Dzhambul Province; West Kazakhstan Territory)

Effectiveness of superphosphate enriched with trace elements applied to sugar beets. M. D. Khanin, L. L. Shchepetina, A. S. Kondratuk. Agrokhitmita no. 9 91-93 S '65

SUGAR BEETS—SPECIFICATIONS

Need for specifications for sugar beets used in industrial processing. I. N. Kononov, K. M. Gusev. Sakh. prom. 39 no. 8 58-59 Ag '65

SUGAR BEETS—TRANSPORTATION

Mechanized transportation of sugar beets according to an hour schedule. V. M. Goriunov, P. Kravchuk. Avt. transp. 13 no. 9 15-16 S '65

SUGAR BEETS—VARIETIES see subdivision under Siberia

SUGAR BEETS—WATER REQUIREMENTS

Physiological indices of water requirements by fodder and sugar beets. R. I. Il'v. Izv. AN SSSR Ser. biol. no. 5 71-75 S-O '65

SUGAR BEETS AS FEED

Effect of sugar beets in the rations of ruminants on the assimilation of the nitrogen of urea. A. V. Modanov, V. A. Shal'gin. Trudy VIZH 27 11-16 '65

Use of sugar beets in fattening swine. T. A. Makhnev. Trudy VIZH 27 121-127 '65

Utilization of rations with various contents of corn silage and sugar beets by cows. P. V. Demchenko, V. B. Pechurova. Trudy VIZH 27 30-43 '65

SUGAR FACTORIES—DESIGN AND CONSTRUCTION

New standard project of a sugar factory with a daily processing capacity of 30,000 centers of sugar beets. E. Kh. Baikovich. Sakh. prom. 39 no. 8 10-50 Ag '65

SUGAR FACTORIES—ELECTRONIC EQUIPMENT

Application of type-E5U-2 electronic level indicator in processing viscous electrodynamically products of sugar manufacture. B. E. Belen'kii, Zh. L. Zilman. Sakh. prom. 39 no. 9 21-25 S '65

SUGAR FACTORIES—EQUIPMENT AND SUPPLIES

Using the radioactive RSP-II item counter in the accounting for collection. V. I. Litvinskii. Sakh. prom. 39 no. 8 20-27 S '65

SUGAR INDUSTRY

(see also subdivision under Cherkassy Province, Ramon', Voronezh Province; Talmi A.S.S.R.)
Fulfill the assignment for sugar production in the closing year of the seven-year plan. Sakh. prom. 39 no. 8 1-6 Ag '65

Producing excellent work from the first days of the production season. Sakh. prom. 39 no. 9 1-3 S '65

Unloading of unrefined sugar delivered to the refineries in bulk in box cars. B. I. Berezinskii. Sakh. prom. 39 no. 8 65 S '65

Using electronic computers in solving problems of efficient distribution of sugar refining industries. N. V. Pankrat'eva. Sakh. prom. 39 no. 8 26-30 S '65

SUGAR INDUSTRY—BIBLIOGRAPHY see Bibliography—Sugar Industry

SUGAR INDUSTRY—BY-PRODUCTS see subdivision under Krasnodar Territory

SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

Lepeshkin, I. P., ed. [Handbook for the sugar manufacturer. Spravochnik sakharnika. Moskva, Pishchevaia promyshlennost'. Pt. 2. 1965. 778 p. diagr. (insert)]

SUGAR INDUSTRY—FINANCE see subdivision under Ukraine

SUGAR INDUSTRY—MANAGEMENT

Problems of the improvement of standards in the handling and storage of sugar beets in the sugar industry. V. M. Rybachuk. Khim. prom. no. 3 71-76 Ji-S '65

SUGAR MACHINERY—MAINTENANCE AND REPAIR
Concerning the service life of equipment. M. I. Rybachuk. Sakh. prom. 39 no. 8 19-23 Ag '65

Use of diamond pastes in the repair of sugar factory equipment. V. I. Bolinskii. Sakh. prom. 39 no. 8 58-60 Ag '65

SUGAR MACHINERY—TESTING

Performance of the redesigned five-compartment thickener. V. M. Pertsel', B. I. Kuts, A. S. Ostinnitskii. Sakh. prom. 39 no. 9 51-52 S '65

SUGAR MANUFACTURE

Effect of formalin on the unaccounted for losses of sugar in diffusion. I. S. Tverdokhlebov. Sakh. prom. 39 no. 9 8-10 S '65

Difficult processing of raw cane sugar. M. B. Iarmolinskii. Sakh. prom. 39 no. 8 15-16 Ag '65

Lepeshkin, I. P., ed. [Handbook for the sugar manufacturer. Spravochnik sakharnika. Moskva, Pishchevaia promyshlennost'. Pt. 2. 1965. 778 p. diagr. (insert)]

SUGAR MANUFACTURE—TABLES, CALCULATIONS, ETC.

Relation between calcium oxide content of lime milk and its specific gravity. S. V. Tsvetinskii. Sakh. prom. 39 no. 8 37-38 Ag '65

- SUGAR RESEARCH**
All-Union Scientific and Technical Conference of the Representatives of the Sugar Industry, G. F. Fedorov, A. I. Shapiro, *Sibkhrom*, 39 no. 9:67-73 S '65.
- SUGAR TRADE**
Issues in relation to the delivery of sugar from the practice of the Government Arbitration Agency, *Sots zhen*, 42 no. 3:80 Ag '65.
- SUKHONA VALLEY—BOTANY, ECONOMIC**
Plant resources of the Sukhona Valley, A. A. Lashina, *Uch. zap. Ped. inst. Gork.*, 267:109-130 '64.
- SUKHUM—RETAIL TRADE—MANAGEMENT**
Commodity experts' five-minute conferences, A. Shapiro, *Sov. tovg.*, 18 no. 9:33-36 S '65.
- SULFAMIDE**
Synthesis and properties of some fiber-forming polyamides with sulfamide groups, M. N. Bogdanov, F. M. Marilova, A. V. L. P. chenko, *Vysokom soed.*, 7 no. 5:873-877 My '65.
- SULFATE-RESISTANT CEMENT**
Stability of asbestos cement in sulfate waters, F. O. Babakadze, K. A. Fedorova, *Trudy NIAsbestshtementa*, no. 19:42-55 '65.
Sulfate resistance of cement mortars and concretes of autoclave hardening, A. E. Sheikin, G. G. Shakhmatkin-skala, *Bet. i zhel.-bet.*, 11 no. 9:40-43 S '65.
- SULFATES**
Residual content of sulfate ions in oxide insulation coatings, M. E. Markova, E. N. Sukhotina, V. V. Chernyshev, *Elektrichestvo*, no. 8:92-93 Ag '65.
Sulfate-calcium equilibrium in underground waters, V. P. Zarev, *Dokl. AN SSSR*, 164 no. 2:403-405 S '65.
- SULFIDES**
Alkylthiophosphine sulfides, Report 1, Synthesis and properties of alkylthiophosphine sulfides, O. N. Grishina, L. M. Bezrubnova, *Izv. AN SSSR, Ser. khim.*, no. 9:1619-1623 '65.
- SULFITE LIQUOR**
From the experience in the processing of sulfite liquor from pulping with various bases, Report No. 2, Improving the yeast and concentrate production, V. P. Riganov, *Gidroliz i lesokhim. prom.*, 18 no. 6:22-23 '65.
- SULFITES—SPECTRA**
Anomalous chemical shifts and conformation of cyclic esters of sulfurous and selenous acids, I. U. Samitov, *Dokl. AN SSSR*, 164 no. 2:347-350 S '65.
- SULFUR**
(see also subdivision under Fergana Range)
Kinetics of vaporization of sulfur from sulfide scales, M. M. Pavluchenko, I. I. Pokrovskii, *Dokl. AN SSSR*, 9 no. 7:446-449 Ji '65.
Phase diagram of sulfur at high pressure, I. E. Paukov, E. I. Tonkov, D. S. Mirinskii, *Dokl. AN SSSR*, 164 no. 3:588-589 S '65.
Thermodynamics of the high-temperature conversion of methane by sulfur, I. U. P. Kuznetsov and others, *Trudy MKhIT*, no. 47:80-85 '64.
- SULFUR—ANALYSIS**
Determination of sulfur in carbon ferrochromium, M. Sh. Kats and others, *Zav. lab.*, 31 no. 8:944-945 '65.
- SULFUR BACTERIA** see Bacteria, Sulfur
- SULFUR CHLORIDES**
Interaction in the system pentavalent antimony - sulfur chloride, N. A. Fortunatov, V. S. Kublanovskii, L. I. Birluk, *Ukr. khim. zhur.*, 31 no. 8:317-320 '65.
Radiation-induced chemical cross-linking of polyolefins in the presence of sulfur monochloride, H. K. Kaurkova and others, *Dop. AN URSR*, no. 9:1183-1186 '65.
- SULFUR DIOXIDE**
Change in the composition of slag and matte as dependent on a partial pressure of sulfurous acid anhydride in the gaseous phase, A. N. Kvintkovskii and others, *Izv. AN Kazakh. SSR, Ser. khim. nauk*, 15 no. 2:51-58 Ap-Je '65.
Mechanism of the formation of carbon disulfide during the incomplete reduction of sulfurous anhydride by methane, N. G. Vilesov and others, *Trudy MKhIT*, no. 47:86-89 '64.
Sulfotricacidation of polychloroethylenes, G. A. Sokol'skii, I. L. Krunianis, *Izv. AN SSSR, Ser. khim.*, no. 9:1655-1657 '65.
- SULFUR ISOTOPES**
Ustinov, V. L., and V. A. Grinenko, [Precision mass spectrometric method for the determination of the isotopic composition of sulfur] *Pretsizionnyi mass-spektrometricheskii metod opredeleniia izotopnogo sostava sery*, Moskva, Nauka, 1965, 94 p.
- SULFUR ORGANIC COMPOUNDS** see Organosulfur compounds
- SULFURIC ACID**
Construction of a sulfuric-acid plant using graphic work schedules, G. L. Biazinskii, *Prom. stol.*, 43 no. 9:32-31 '65.
Design and calculation of the absorption part elements for isobutylene recovery by sulfuric acid of various concentration, A. G. Llakunovich and others, *khim. i tekh. topl. massel*, 10 no. 9:5-9 S '65.
Effect of the purity and fraction composition of synthetic primary alcohols on the properties of the obtained alkyl sulfates, G. I. Moskvina, L. D. Volkova, Z. V. Oleinikova, *Maslozhir. prom.*, 31 no. 9:17-19 S '65.
Recovery of oleum in the production of contact sulfuric acid according to a short flow sheet, I. G. Reznitskii, *khim. prom.*, 42 no. 9:681 S '65.
Recovery of sulfuric acid from the waste gases of lead production, R. U. Abduvaliev, *khim. prom.*, 41 no. 8:627 Ag '65.
- SULFURIC ACID INDUSTRY**
Economics of the production of sulfuric acid from sulfur-containing waste gases, N. P. Fedorov, S. G. Lipkina, *khim. prom.*, 41 no. 8:597-599 Ag '65.
- SULTONES**
Fluorine-containing β -sultones, Report 2, Sulfonamide-difluoroacetyl fluoride, M. A. Belaventsev, G. A. Sokol'skii, I. L. Krunianis, *Izv. AN SSSR, Ser. khim.*, no. 9:1613-1616 '65.
Isotopic conversions of β -sultones, I. L. Krunianis, G. A. Sokol'skii, M. A. Belaventsev, *Teoret. i ekspr. khim.*, 1 no. 3:324-342 My-Je '65.
- SUN**
Hurtovenko, E. A., [The quiet sun] *Spykline solnce*, Kyiv, Naukova dumka, 1965, 43 p. (Naukovo-populjarna literatura)
Sun as a "biocom" for cosmic rays, L. I. Miroshnichenko, *Priroda*, 54 no. 9:118-119 S '65.
- SUN—CORONA**
Extra-spectral observations of coronal lines in the infrared region of the spectrum, G. M. Nikol'skii, S. O. Obashev, *Vest. AN Kazakh SSR*, 22 no. 8:81 Ag '65.
Extra-spectral observations of the solar corona, A. S. Sazanov, *Priroda*, 54 no. 9:61-67 S '65.
- SUN—TEMPERATURE**
Neutrino radiation and the thermometry of the sun's interior, V. A. Kuz'min, *Izv. AN SSSR, Ser. fiz.*, 29 no. 9:1743-1745 S '65.
- SUNFLOWER SEED**
Ways to improve the quality of edible vegetable oil, V. M. Suslov, P. G. Semikhnenko, *Maslozhir. prom.*, 31 no. 9:1-2 S '65.
- SUNFLOWER SEED OIL—STORAGE**
Storage of sunflower seed oil in nitrogen medium, N. I. Kozin, P. M. Ermakova, *Maslozhir. prom.*, 31 no. 9:3-5 S '65.
- SUNFLOWERS**
Agrometeorological indexes for forecasting the rates of development and evaluating the conditions of the sunflower harvest, I. U. S. Mel'nik, *Trudy TSIP*, no. 146:117-125 '65.
- SUNFLOWERS—DISEASES AND PESTS** see subdivision under Ukraine
- SUNSPOTS**
Variability over a period of several years of the thermal regime of water and the ice conditions in the North Atlantic and adjacent seas, A. A. Lebedev, *Trudy TSIP*, no. 146:93-94 '65.
- SUPERCONDUCTIVITY**
The superconductivity problem today, A. A. Abrikosov, *Usp. fiz. nauk*, 87 no. 1:125-142 S '65.
- SUPERCONDUCTORS**
Electron spectrum of the intermediate state of superconductors, A. F. Andreev, *Zhur. eksp. i teor. fiz.*, 49 no. 2:655-680 Ag '65.
- SUPERCONDUCTORS—MAGNETIC PROPERTIES**
Jumps in magnetic flow of rigid superconductors in pulsed magnetic fields, E. S. Borovik, N. I. A. Fogel', I. U. A. Litvinenko, *Zhur. eksp. i teor. fiz.*, 49 no. 2:438-446 Ag '65.
- SUPERFLUIDITY**
Khachatnikov, I. M., [Introduction to superfluidity theory] *Vvedenie v teoriiu sverkhtekuchestvi*, Moskva, Nauka, 1965, 157 p. (Sovremennye problemy fiziki)
- SUPERHEATERS**
Use of pipes with internal longitudinal fins in an intermediate superheater, A. U. Lipeta and others, *Toplo-energetika*, 12 no. 8:23-27 Ag '65.
- SUPERSATURATED SOLUTIONS** see Solutions, Supersaturated
- SUPERSONIC AERODYNAMICS** see Aerodynamics, Supersonic
- SUPERSONIC NOZZLES**
Correction for the effect of the boundary layer on the flow in nozzles with a discontinuity in the generatrix, L. V. Pukhina, V. K. Solodkin, *Shot. rab. VVS MGU*, 1:103-107 '65.
Profiling the supersonic portion of an axisymmetric nozzle for optimum thrust, A. A. Sevgienko, I. D. Sandomirskaja, *Shot. rab. VVS MGU*, 4:17-19 '65.
- SUPPLY AND DEMAND**
(see also subdivision under White Russia)
Give more authority and increase responsibility, A. Stroeve, *Sov. tovg.*, 38 no. 6:5-9 Je '65.
Improve the standards of planning for the turnover of goods, N. Komonov, *Sov. tovg.*, 38 no. 6:25-28 Je '65.
Our practice in the study of demand, P. Zhuravich, *Sov. tovg.*, 38 no. 6:11-15 Je '65.
Prediction of the demand for nonfood commodities, U. Chernyskii, *Plan. khoz.*, 12 no. 10:18-20 O '65.
We are studying customer demand, V. Kozin, *Sov. tovg.*, 38 no. 6:16-30 Je '65.
What hides a commodity expert's work? I. P. Chaynov, G. Solodkin, *Sov. tovg.*, 38 no. 9:21-24 S '65.
- SUPPURATION**
Indications and contraindications for surgery in suppurative processes in the lungs complicated by hemorrhage, A. V. Gligorin, L. M. Nedel'skaja, *med.*, 28 no. 9:99-91 S '65.
Treatment and late results of suppurative diseases in newborn infants, I. V. Avallanti and others, *med. AN Gruz. SSR*, 36 no. 4:191-196 My '65.
- SURFACE ACTIVE AGENTS**
Effect of C₂₅-2 alkane on the vulcanization of polyisobutylene, G. A. Blokh and others, *Kauch. i rez.*, 21 no. 5:14-17 My '65.
Effect of surface-active substances on the rate of dissolution of gold in cyanide solutions, L. A. Kakevash, A. N. Lebedev, *Dokl. AN SSSR*, 161 no. 3:611-617 S '65.
Effect of the addition of polyvinyl acetate emulsion on the hardening and properties of concrete, F. M. Ivanov and others, *Bet. i zhel.-bet.*, 11 no. 9:27-29 S '65.
Electrochemical nature of oleic acid adsorption on tantalum, T. B. Nafumov, S. I. Pod'kha, *Izv. vyssh. shk. zav., inzh. met.*, 8 no. 1:15-17 '65.
Refractometric method for determining the concentration of certain synthetic surface-active substances in aqueous solutions, S. A. Bantov, A. I. Kulashin, *Shot. rab. VVS MGU*, 4:1-4, 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd, 33rd, 34th, 35th, 36th, 37th, 38th, 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, 50th, 51st, 52nd, 53rd, 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st, 62nd, 63rd, 64th, 65th, 66th, 67th, 68th, 69th, 70th, 71st, 72nd, 73rd, 74th, 75th, 76th, 77th, 78th, 79th, 80th, 81st, 82nd, 83rd, 84th, 85th, 86th, 87th, 88th, 89th, 90th, 91st, 92nd, 93rd, 94th, 95th, 96th, 97th, 98th, 99th, 100th, 101st, 102nd, 103rd, 104th, 105th, 106th, 107th, 108th, 109th, 110th, 111th, 112th, 113th, 114th, 115th, 116th, 117th, 118th, 119th, 120th, 121st, 122nd, 123rd, 124th, 125th, 126th, 127th, 128th, 129th, 130th, 131st, 132nd, 133rd, 134th, 135th, 136th, 137th, 138th, 139th, 140th, 141st, 142nd, 143rd, 144th, 145th, 146th, 147th, 148th, 149th, 150th, 151st, 152nd, 153rd, 154th, 155th, 156th, 157th, 158th, 159th, 160th, 161st, 162nd, 163rd, 164th, 165th, 166th, 167th, 168th, 169th, 170th, 171st, 172nd, 173rd, 174th, 175th, 176th, 177th, 178th, 179th, 180th, 181st, 182nd, 183rd, 184th, 185th, 186th, 187th, 188th, 189th, 190th, 191st, 192nd, 193rd, 194th, 195th, 196th, 197th, 198th, 199th, 200th, 201st, 202nd, 203rd, 204th, 205th, 206th, 207th, 208th, 209th, 210th, 211st, 212nd, 213rd, 214th, 215th, 216th, 217th, 218th, 219th, 220th, 221st, 222nd, 223rd, 224th, 225th, 226th, 227th, 228th, 229th, 230th, 231st, 232nd, 233rd, 234th, 235th, 236th, 237th, 238th, 239th, 240th, 241st, 242nd, 243rd, 244th, 245th, 246th, 247th, 248th, 249th, 250th, 251st, 252nd, 253rd, 254th, 255th, 256th, 257th, 258th, 259th, 260th, 261st, 262nd, 263rd, 264th, 265th, 266th, 267th, 268th, 269th, 270th, 271st, 272nd, 273rd, 274th, 275th, 276th, 277th, 278th, 279th, 280th, 281st, 282nd, 283rd, 284th, 285th, 286th, 287th, 288th, 289th, 290th, 291st, 292nd, 293rd, 294th, 295th, 296th, 297th, 298th, 299th, 300th, 301st, 302nd, 303rd, 304th, 305th, 306th, 307th, 308th, 309th, 310th, 311st, 312nd, 313rd, 314th, 315th, 316th, 317th, 318th, 319th, 320th, 321st, 322nd, 323rd, 324th, 325th, 326th, 327th, 328th, 329th, 330th, 331st, 332nd, 333rd, 334th, 335th, 336th, 337th, 338th, 339th, 340th, 341st, 342nd, 343rd, 344th, 345th, 346th, 347th, 348th, 349th, 350th, 351st, 352nd, 353rd, 354th, 355th, 356th, 357th, 358th, 359th, 360th, 361st, 362nd, 363rd, 364th, 365th, 366th, 367th, 368th, 369th, 370th, 371st, 372nd, 373rd, 374th, 375th, 376th, 377th, 378th, 379th, 380th, 381st, 382nd, 383rd, 384th, 385th, 386th, 387th, 388th, 389th, 390th, 391st, 392nd, 393rd, 394th, 395th, 396th, 397th, 398th, 399th, 400th, 401st, 402nd, 403rd, 404th, 405th, 406th, 407th, 408th, 409th, 410th, 411st, 412nd, 413rd, 414th, 415th, 416th, 417th, 418th, 419th, 420th, 421st, 422nd, 423rd, 424th, 425th, 426th, 427th, 428th, 429th, 430th, 431st, 432nd, 433rd, 434th, 435th, 436th, 437th, 438th, 439th, 440th, 441st, 442nd, 443rd, 444th, 445th, 446th, 447th, 448th, 449th, 450th, 451st, 452nd, 453rd, 454th, 455th, 456th, 457th, 458th, 459th, 460th, 461st, 462nd, 463rd, 464th, 465th, 466th, 467th, 468th, 469th, 470th, 471st, 472nd, 473rd, 474th, 475th, 476th, 477th, 478th, 479th, 480th, 481st, 482nd, 483rd, 484th, 485th, 486th, 487th, 488th, 489th, 490th, 491st, 492nd, 493rd, 494th, 495th, 496th, 497th, 498th, 499th, 500th, 501st, 502nd, 503rd, 504th, 505th, 506th, 507th, 508th, 509th, 510th, 511st, 512nd, 513rd, 514th, 515th, 516th, 517th, 518th, 519th, 520th, 521st, 522nd, 523rd, 524th, 525th, 526th, 527th, 528th, 529th, 530th, 531st, 532nd, 533rd, 534th, 535th, 536th, 537th, 538th, 539th, 540th, 541st, 542nd, 543rd, 544th, 545th, 546th, 547th, 548th, 549th, 550th, 551st, 552nd, 553rd, 554th, 555th, 556th, 557th, 558th, 559th, 560th, 561st, 562nd, 563rd, 564th, 565th, 566th, 567th, 568th, 569th, 570th, 571st, 572nd, 573rd, 574th, 575th, 576th, 577th, 578th, 579th, 580th, 581st, 582nd, 583rd, 584th, 585th, 586th, 587th, 588th, 589th, 590th, 591st, 592nd, 593rd, 594th, 595th, 596th, 597th, 598th, 599th, 600th, 601st, 602nd, 603rd, 604th, 605th, 606th, 607th, 608th, 609th, 610th, 611st, 612nd, 613rd, 614th, 615th, 616th, 617th, 618th, 619th, 620th, 621st, 622nd, 623rd, 624th, 625th, 626th, 627th, 628th, 629th, 630th, 631st, 632nd, 633rd, 634th, 635th, 636th, 637th, 638th, 639th, 640th, 641st, 642nd, 643rd, 644th, 645th, 646th, 647th, 648th, 649th, 650th, 651st, 652nd, 653rd, 654th, 655th, 656th, 657th, 658th, 659th, 660th, 661st, 662nd, 663rd, 664th, 665th, 666th, 667th, 668th, 669th, 670th, 671st, 672nd, 673rd, 674th, 675th, 676th, 677th, 678th, 679th, 680th, 681st, 682nd, 683rd, 684th, 685th, 686th, 687th, 688th, 689th, 690th, 691st, 692nd, 693rd, 694th, 695th, 696th, 697th, 698th, 699th, 700th, 701st, 702nd, 703rd, 704th, 705th, 706th, 707th, 708th, 709th, 710th, 711st, 712nd, 713rd, 714th, 715th, 716th, 717th, 718th, 719th, 720th, 721st, 722nd, 723rd, 724th, 725th, 726th, 727th, 728th, 729th, 730th, 731st, 732nd, 733rd, 734th, 735th, 736th, 737th, 738th, 739th, 740th, 741st, 742nd, 743rd, 744th, 745th, 746th, 747th, 748th, 749th, 750th, 751st, 752nd, 753rd, 754th, 755th, 756th, 757th, 758th, 759th, 760th, 761st, 762nd, 763rd, 764th, 765th, 766th, 767th, 768th, 769th, 770th, 771st, 772nd, 773rd, 774th, 775th, 776th, 777th, 778th, 779th, 780th, 781st, 782nd, 783rd, 784th, 785th, 786th, 787th, 788th, 789th, 790th, 791st, 792nd, 793rd, 794th, 795th, 796th, 797th, 798th, 799th, 800th, 801st, 802nd, 803rd, 804th, 805th, 806th, 807th, 808th, 809th, 810th, 811st, 812nd, 813rd, 814th, 815th, 816th, 817th, 818th, 819th, 820th, 821st, 822nd, 823rd, 824th, 825th, 826th, 827th, 828th, 829th, 830th, 831st, 832nd, 833rd, 834th, 835th, 836th, 837th, 838th, 839th, 840th, 841st, 842nd, 843rd, 844th, 845th, 846th, 847th, 848th, 849th, 850th, 851st, 852nd, 853rd, 854th, 855th, 856th, 857th, 858th, 859th, 860th, 861st, 862nd, 863rd, 864th, 865th, 866th, 867th, 868th, 869th, 870th, 871st, 872nd, 873rd, 874th, 875th, 876th, 877th, 878th, 879th, 880th, 881st, 882nd, 883rd, 884th, 885th, 886th, 887th, 888th, 889th, 890th, 891st, 892nd, 893rd, 894th, 895th, 896th, 897th, 898th, 899th, 900th, 901st, 902nd, 903rd, 904th, 905th, 906th, 907th, 908th, 909th, 910th, 911st, 912nd, 913rd, 914th, 915th, 916th, 917th, 918th, 919th, 920th, 921st, 922nd, 923rd, 924th, 925th, 926th, 927th, 928th, 929th, 930th, 931st, 932nd, 933rd, 934th, 935th, 936th, 937th, 938th, 939th, 940th, 941st, 942nd, 943rd, 944th, 945th, 946th, 947th, 948th, 949th, 950th, 951st, 952nd, 953rd, 954th, 955th, 956th, 957th, 958th, 959th, 960th, 961st, 962nd, 963rd, 964th, 965th, 966th, 967th, 968th, 969th, 970th, 971st, 972nd, 973rd, 974th, 975th, 976th, 977th, 978th, 979th, 980th, 981st, 982nd, 983rd, 984th, 985th, 986th, 987th, 988th, 989th, 990th, 991st, 992nd, 993rd, 994th, 995th, 996th, 997th, 998th, 999th, 1000th.

SURGERY—COMPLICATIONS AND SEQUELAE (Continued)

Clinical aspects of a complicated cataract and prevention of postoperative complications. I. M. Tikhonov. *Sov. nauch. tekh. SOGMI* no. 11 125-128 '65.
p131 radiotherapy following surgical treatment of thyrotoxicosis. V. V. Demidov, T. V. Voronenko. *Med. rad.* 10 no. 7, 41-46 '65.
Postoperative psychosis. B. I. Solov'ev. *Zhur. nev. i psikh.* 65 no. 9 1390-1403 '65.

SURGERY, OPERATIVE

Some problems in the surgical treatment of cancer of the duodenal papilla. I. U. A. Zhykov. *Trudy ONI* no. 54: 111-116 '64.

SURGICAL PATHOLOGY see Pathology, Surgical

SURVEYING

Calculating the precision of the intersection by interior angles. N. N. Elisevskii. *Geod. i kart.* no. 8 33-40 '65.
Field work of students of the Main Administration of Geodesy and Cartography. M. M. Morozov. *Geod. i kart.* no. 8, 73-76 '65.
Geodetic prerequisites for erecting television towers. I. M. Lysytskiy. *Geod. i kart.* no. 8 41-46 '65.
Goykl. Polarskaya akademija sel'skogo hospodari. [Balancing the network of a geodesic base line and estimating its accuracy.] *Upravleniye i otkazki tochnosti sel'skogo geodeticheskogo obshchestva; sbornik nauchnykh rabot.* Minsk, Uizhmal, 1965. 166 p.

SURVEYING—INSTRUMENTS

Methods of standardizing thermistors used in determining the temperature of measuring tapes. G. N. Gushchik. *Izv. VTI* 118:61-65 '63.
Nemograms for determining average errors due to the incorrect centering of theodolites and signals in the measurement of horizontal angles. G. P. Tysov. *Izv. VTI* 118 70-73 '63.
Preliminary surveying apparatus for operations involving the use of photostereodolites. I. U. P. Kienko. *Geod. i kart.* no. 8 49-53 '65.

SURVEYING—TABLES, ETC.

Errors of centering during sighting at short distances. B. I. Bol'shakov. *Izv. VTI* 118, 113-118 '63.
General aspects of the correlations of connections in adjusting planimetric radial networks and subsequently resulting problems. B. P. Krutol. *Izv. VTI* 118 78-80 '63.
Main forms of conditions emerging in planimetric radial networks. B. P. Krutol. *Izv. VTI* 118:61-101 '63.

SUSAMYR VALLEY—COMMUNIST EDUCATION

Visiting with the shepherds in Susamyr Valley. I. Taranov. *Agitator* 33 no. 18:24-26 '65.

SUSAMYR VALLEY—SHEPHERDS

Visiting with the shepherds in Susamyr Valley. I. Taranov. *Agitator* 33 no. 18:24-26 '65.

SUSLIKS—EXTERMINATION

Means of eliminating mass damages by susliks in the U.S.S.R. I. A. Polakov. *Trudy VIZR* no. 17:311-323 '63.

SUSLIKS—PARASITES see Parasites—Susliks

SUSPENSION ROOFS see Roofs, Suspension

SUSPENSIONS (CHEMISTRY)

Investigating the gas content of a bubbling layer for processes with solid phase participation. Khim. prom. 42 no. 8:701-703 '65.
Stabilization of heavy clay suspensions. V. U. Tikhonov, F. D. Ovcharenko, G. K. Slepysheva. *Ukr. khim. zhur.* 3 no. 8:785-790 '65.
Structure-forming role of solid surfaces in the process of coagulating by aqueous suspensions of cement. N. B. Ur'ev, N. V. Mikhailov, P. A. Rebindar. *Dokl. AN SSSR* 164 no. 3:620-628 '65.

SVERDLOV, GRIGORIY MARKOVICH, 1898-1965

In memory of G. M. Sverdlov. *Sov. gos. i pravo* 36 no. 9: 137 '65.

SVERDLOVSK—ACTORS

Actors; a sociological research study. L. Kogan. *Teatr* 28 no. 9 78-83 '65.

SVERDLOVSK—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Shaght, A. P. [Nonstaff instructor of a party committee] *Vneshtatnyi instruktor partinogo komiteta. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1964. 44 p. (CSI-II)*

SVERDLOVSK—MACHINERY INDUSTRY—MANAGEMENT

Voronkov, I. I., P. V. Brakovskiy, and N. P. Silev. [Practice in the organization of economic work at the Ural Machinery Plant] *Opyt organizatsii ekonomicheskoi raboty na Ural'mashzavode. Moskva, Ekonomika, 1965. 150 p.*

SVERDLOVSK—WOOLEN AND WORSTED MANUFACTURE

Processing of nitron to yarn in the Sverdlovsk Woollen and Worsted Combine. T. V. Semenova, M. G. Khachatryan, L. I. Shukher. *Tekst. prom.* 25 no. 8:82-84 '65.

SVERDLOVSK PROVINCE—AGRICULTURAL LIBRARIES

Knowledge of economics for collective farmers. A. Khrutova. *Biblioteka* 13 no. 9 29-31 '65.
Useful work. I. Ryzanova. *Biblioteka* 43 no. 9 17-18 '65.

SVERDLOVSK PROVINCE—RAILROADS—LABOR PRODUCTIVITY

Scientific organization of work in a section. N. G. Gletov. *Zhel. dor. transp.* 17 no. 9:62-64 '65.

SVERDLOVSK PROVINCE—TECHNICAL LIBRARIES

We adjust the information. V. Rozhnova. *Biblioteka* 13 no. 9, 18-19 '65.

SVISLOCH' VALLEY—DIABASE

Amygdales in the Svisloch' region. A. M. Pap, A. K. Kovalchuk. *Dokl. AN SSSR* 9 no. 6:383-386 '65.

SWAMPS

(see also subdivision under Karelia)
Evaluation of base flow on swampy drainage areas. K. K. Pavlova, V. V. Suboch. *Trudy GGI* no. 122 120-130 '65.

SWEATERS

Development of the basic design for the standard construction of women's sweaters manufactured on a flat tang knitting machine. O. I. Fedorenko, I. V. Tkachenko. *Loh. prom.* no. 3:59-61 '65.

SWEDEN—CHARTER-PARTIES

Performance of ships chartered by a Swedish firm. N. Fafurin. *Nor. flot* 24 no. 8, 46 '64.

SWIETOKRZYSKIE MOUNTAINS (POLAND)—GEOLOGY, STRATIGRAPHIC

Lithostratigraphic correlation of the Late Pre-Cambrian and Lower Cambrian of the Swietokrzyskie Mountains and northwestern part of the Russian Platform. K. Lendzion, R. Mikulak, A. Rozanov. *Izv. AN SSSR, Ser. geol.* 30 no. 8:85-96 '65.

SWIMMING

Maslov, V. I. [Basic training in swimming] *Nachal'noe obucheniye plavaniiu. Moskva, Fizkul'tura i sport, 1965. 183 p.*

SWIMMING—PHYSIOLOGICAL EFFECT

Effect of experimental training on induced synthesis of nicotinamide deoxynucleotide in the organism. V. A. Rogorkin, I. A. Afar, U. I. biokhim. zhur. 37 no. 4: 556-561 '65.

SWINE—DISEASES AND PESTS

Biological properties of the vaccine strain of *Salmonella choleraesuis* TS-177. B. A. Mayvenko, F. K. Valova, Vest. sel'skhoz. nauki [Kazakh]. 8 no. 8:60-63 '65.
Diagnosis and prophylaxis of leptospirosis in suckling pigs. I. U. A. Malakhov and others. *Veterinariia* 42 no. 7:31-34 '65.
Diagnosis of *Aujeszky's disease* by the method of diffuse precipitation reaction in agar gel. P. M. Hazyev, I. U. V. Pomin. *Veterinariia* 42 no. 7:36-40 '65.
Diagnosis of infectious atrophic rhinitis. A. L. Muntain. *Veterinariia* 42 no. 7:36-38 '65.
Some data on the observation of *Aujeszky's disease* in swine. I. P. Pokopov. *Veterinariia* 41 no. 12:35-36 '64.
Studying toxoplasmosis in swine. A. A. Markov, N. I. Stepanova, B. A. Timofeev. *Veterinariia* 42 no. 7:45-46 '65.
Treating mastitis in swine. M. I. Ponomareva, V. I. A. Duzhko. *Veterinariia* 42 no. 7:86-87 '65.
Use of more improved methods for studying the differentiations between tuberculosis and tuberculous lesions of lymph nodes in swine. E. A. Bobyleva. *Dokl. Akad. sel'khoz. nauk* no. 8:37-40 '65.
Veterinary hygienic measures as a basis for the elimination of infectious atrophic rhinitis in swine. A. I. Gavrilchenko, S. V. Korolev. *Veterinariia* 42 no. 7:14-15 '65.
Weltmann's reaction in infectious atrophic rhinitis of swine. F. V. Zakharova. *Veterinariia* 42 no. 7:31-35 '65.

SWINE—FEEDING AND FEEDS
Effectiveness of mixed feed supplements in rations of growing fattening swine. S. M. Kabezov, A. A. Antonov. *Trudy VIZH* 27:237-250 '65.
Effectiveness of sodium sulfate supplements in mixed silage types for swine. O. A. Vorobich. *Khim. v sel'. khoz.* 3 no. 8:64-68 '65.
Forage beans as a source of proteins for young pigs. E. A. Makhov. *Trudy VIZH* 27:112-120 '65.
Role of zinc in feeding young pigs. I. V. Petrakhin. *Khim. v sel'. khoz.* 3 no. 8:56-61 '65.

Some sources of vitamin PP for swine. F. A. Nesterova, N. F. Krusikina, N. G. Shanygina. *Trudy VIZH* 27:99-111 '65.

Use of sugar beets in the fattening of swine. G. V. Danilova. *Inform. biul. VDNKH* no. 10:18 '62.
Use of sugar beets in fattening swine. F. A. Makhov. *Trudy VIZH* 27 121-127 '65.

SWINE—PARASITES see Parasites—Swine

SWINE—PHYSIOLOGY

Effect of ultrasonic vibrations on the sexual glands in swine. N. A. Pollantseva. *Dokl. Akad. sel'khoz. nauk* no. 5:34-35 '65.

SWINE BREEDING see subdivision under Azerbaijan, Tatar A.S.S.R.

SWINE ERYSIPELAS—PREVENTIVE INOCULATION

Effect of feed biomyces on the immunogenesis in swine vaccinated against erysipelas. A. T. Lashenko. *Veterinariia* 42 no. 7:21-22 '65.

SWINE HOUSES AND EQUIPMENT see subdivision under Moscow Province

SWITCHING CIRCUITS

Logical circuits using transfluxors. S. P. Mironov. *Elektronika* 19 no. 8 66-76 '65.
Possibility for using electronic logic circuits for automatic medical control. V. I. Kostikova and others. *Probl. kosm. biol.* 4:217-226 '65.
Study and comparative analysis of transistor switches with different control principles. M. M. Ladyzhenskii. *Avtomatika* no. 4:68-86 '65.
Study of a transient process during the switching of a p-n-p-n type transistor. I. U. E. Naumov, N. N. Shukin. *Radioelektronika* 10 no. 8:1653-1659 '65.

SWITCHING THEORY

Akademika nauk SSSR. Institut problem peredachi informatsii. [Control and switching systems] Sistemy upravleniya i kommutatsii. Moskva, Nauka, 1965. 136 p.
Transformation of signals in the peripheral sectors of biological analyzers. L. A. Nazarov, G. D. Umantsev. *Avtomatika* no. 4:49-54 '65.

SWITZERLAND—RELATIONS (GENERAL) WITH RUSSIA

A trip to the Devil's Bridge. D. Gennadiev. *Nov. vrem.* 23 no. 40:24-26 '65.

SYAMOZERO, LAKE—TEMPERATURE

Temperature regime of Lake Syamozero. V. A. Freindling. *Trudy Kar. fil. AN SSSR* no. 36:109-121 '64.

SYCHKOV, FEDOT VASIL'EVICH, 1870-1958

Sokol'nikov, M. P. [The bard of the people's life; sketch on the life and work of the painter F. V. Sychkov] Pevets narodnoi zhizni, ocherk o zhizni i tvorchestve khudozhnika F. V. Sychkova. Saransk, Mordovskoe knizhnoe izd-vo, 1962. 40 p. (NIC)

SYENITE

(see also subdivision under Alay Range)
Syenite crystal glaze for ceramic products. I. G. Khizant'shvil, G. G. Gavrindashvili. *Stek. i ker.* 22 no. 7:30-31 '65.

SYLLOGISM

Subbotin, A. L. [The theory of syllogism in present-day formal logic] *Teoriia sillogistiki v sovremennoi formal'noi logike. Moskva, Nauka, 1965. 122 p.*

SYLVANITE

Wastes from sylvanite flotation as raw material for the production of technical salts. G. N. Popov. *Khim. prom.* 41 no. 8:600-603 '65.

SYMBOLIC AND MATHEMATICAL LOGIC see Logic, Symbolic and mathematical

SYMBOLISM IN LITERATURE

Russian symbolism as appraised by G. V. Plekhanov. G. P. Semenova. *Vest. LGU* 20 no. 14 83-94 '65.

SYMPATHETIC NERVOUS SYSTEM see Nervous system, Sympathetic

SYMPATHOLYTIC AGENTS

Ramatin. *Nov. lek. sred.* no. 7:78-84 '65.

SYMPATHOMIMETIC AGENTS

Catechol amine content in the tissues of macaque monkeys during early phases of whole-body γ -irradiation. V. I. Kulinskii, L. F. Semenov. *Radiofizika* 5 no. 4:494-500 '65.

Effect of sympathomimetic amines on the resistance of animals to the effect of acceleration. P. V. Vasil'ev, V. E. Bolai. *Pat. fiziol. i eksp. terap.* 9 no. 3:12-18 '65.

Fluorometer for the determination of catechol amines in live tissues. N. E. Vysockaya, V. A. Krivopalev. *Lab. delo* no. 9:562-563 '65.

SYMPHONY ORCHESTRAS

Symphonic concerta Evg Ratser Sov muz 20 no 8 109-111 '65

SYNAPSES

Characteristics of synaptic transmission in various fibers of the tonic skeletal musculature in frogs. N. M. Shamarina. Fiziol. zhur. 51 no. 9 1080-1089 S '65.
Importance of acetylcholine in the synaptic transmission of excitation. L. N. Zefirov. Nauch. trudy Kaz. gos. med. inst. 14 179-180 '64
Structural characteristics of the synapses of the motor area of the cortex in rats. N. I. Artukhina. Arkh. anat., gist. i embr. 49 no. 8 21-28 '65.

SYNCHRONOUS ELECTRIC MACHINERY see Electric machinery, Synchronous

SYNCHRONOUS ELECTRIC MOTORS see Electric motors, Synchronous

SYNCHROTRON

(see also subdivision under Hamburg)

Increasing the pulse duration of particle beams from a 600 Mev, UHAI synchrocyclotron. V. I. Danilov and others. Atom. energ. 19 no. 3 289-292 S '65

SYNTHETIC FABRICS

Chemization, the potential for reducing the cost of production of clothing. S. G. Babadzhanyan. Shvein, prom. no. 3 7 Mv-Je '65.

Experience in the manufacture of children's clothing from synthetic fabrics. O. F. Bunina. Shvein prom no 4 35-37 JI-Ag '65

Hygienic properties of some synthetic fabrics for clothing and footwear. K. I. Stankevych, T. L. Ovidienko. Leh. prom. no. 3 26-29 JI-S '65.

Manufacture of clothing from the synthetic fabric "Pavimol." P. N. Mohilevich, L. F. Belan, H. I. Pavlukova. Leh. prom. no. 3 56-57 JI-S '65.

Spinning fabrics made from viscose staple fibers and blended yarns. N. V. Vasil'chikova. Izv. vya. ucheb. zav., tekhn. tekst. prom. no. 4 164-166 '65.

Use of cotton fabrics blended with lavalan in clothing manufacture. E. E. Volkova. Shvein, prom. no. 3 27-28 My-Je '65.

SYNTHETIC FABRICS—TESTING

Studying the effect of temperature and pressing time on the changes of some properties of lavalan blend fabrics. R. R. Rzaeva, L. N. Flerova. Izv. vya. ucheb. zav., tekhn. leg. prom. no. 4 12-16 '65

Testing of filtration fabrics. I. F. Zelikman, V. A. Kolesnikov. Sakh. prom. 39 no. 9 11-15 S '65.

SYNTHETIC PRODUCTS

Aerodynamic characteristics of some materials used in the manufacture of artificial leather and plastic films. A. M. Lubich. Izv. vya. ucheb. zav., tekhn. leg. prom. no. 4 63-65 '65

Chemicalization of production in shoe factories. A. A. Plintus, L. M. Zavel'gel'ski. Kozh.-obuv. prom. 7 no. 8 26-27 '65.

Chemistry in the clothing industry. Shvein, prom. no. 3 40 My-Je '65.

Krasnov, B. I. A. [New developments in the manufacture of footwear from polymers] Novoe v proizvodstvo obuvi iz polimerov. Pod red. A. D. Zalotnikovskogo. Moskva, Legkata Industriya, 1964. 52 p.

[MICROFILM]

Problems of hydrolysis in the problems of general chemistry, from the materials of the Ninth Mendeleev Congress on General and Applied Chemistry. G. A. Praykin. Gidroliz i lesokhim. prom. 18 no. 6 30 '65.

Prospects for the use of substitutes of food raw materials for technical purposes. H. D. Il'yut'ska. Khar. prom. no. 3 61-62 JI-S '65

SYNTHETIC RUBBER see Rubber, Synthetic

SYNTHETIC TEXTILE FIBERS see Textile fibers, Synthetic

SYNTOMYCIN see Acetamide

SYPHILIS

C-reactive protein in patients with syphilis treated by various methods. L. S. Reznikova, T. V. Vasil'ev. Sov. med. 28 no. 8 64-68 Ag '65.

Errors in the diagnosis of tabetic arthropathy. P. I. Kholodii. Sov. med. 28 no. 8 130-131 Ag '65.

SYR DARYA PROVINCE—SAVINGS BANKS

Savings banks of Syr Darya Province. U. Ishiev. Den. i kred. 23 no. 9 46-47 S '65.

SYR DARYA VALLEY—ANTIQUITIES

Genesis of the settled sites; based on materials of the ancient site Ak-Tobe I. M. S. Marshchikov. Izv. AN Kazakh. SSR, Ser. obshchestv. nauk 3 no. 3 66-80 My-Je '65.

SYRINGOMYELIA

Clinical aspects of syringomyelobulbia. N. F. Evseev. Sov. med. 28 no. 8 57-60 '65
Electromyographic research in syringomyelia. N. F. Evseev. Zhur. nev. i psikh. 65 no. 2 107-102 '65.

SYSTEMS (CHEMISTRY)

Constitution diagram of the system titanium - phosphorus. V. N. Premerko, V. E. Lisovnychi. Dop. AN URSR no. 9 116-1179 '65.

Differential equations for the distribution constancy curves ($\alpha_1^2/\alpha_2^2 = \text{const}$) of a component in the ternary system between coexisting solution and ideal vapor. Part I. M. P. Susarev, A. N. Marichev. Zhur. fiz. khim. 39 no. 8 1070-1077 Ag '65

The salting-in and salting-out phenomena in ideal systems. E. Abilamov. Vest. AN Kazakh. SSR 21 no. 9 16-26 S '65

Studying the vapor-liquid equilibrium in the systems hydrocarbon-water with the use of the hydrogen-titanium radioisotope. IA. D. Zelikovski, A. A. Gremov, G. M. Lavin. Khim. i tekhn. topl. i masel 10 no. 7 3-7 JI '65.

Subsolidus structure of the four-component systems $\text{MgO} - \text{Cr}_2\text{O}_3 - \text{Al}_2\text{O}_3 - \text{SiO}_2$, $\text{MgO} - \text{Cr}_2\text{O}_3 - \text{Al}_2\text{O}_3 - \text{TiO}_2$, and $\text{MgO} - \text{Cr}_2\text{O}_3 - \text{Al}_2\text{O}_3 - \text{ZrO}_2$. A. S. Beizhenoi, N. V. Gul'ko. Dokl. AN SSSR 164 no. 2 381-386 S '65.

Transference numbers as a method of the physico-chemical analysis of binary systems. IU. A. Finkov, A. N. Zhitomirskii. Zhur. fiz. khim. 39 no. 8 1022-1026 Ag '65

Vapor-liquid equilibrium in the system ethyl alcohol-allyl alcohol in the presence of water. I. I. Serobrennina, S. Sh. Byk. Khim. prom. 42 no. 9 669-674 S '65.

X-ray phase-shift study of the systems $\text{PbSnO}_3 - \text{PbWO}_4$, $\text{PbSnO}_3 - \text{PbMoO}_4$, $\text{PbHfO}_4 - \text{PbWO}_4$, $\text{PbHfO}_4 - \text{PbMoO}_4$. I. N. Beliaev, L. N. Averb'anova, L. I. Beliaeva. Izv. AN SSSR, Neorg. mat. 1 no. 7 1184-1188 JI '65.

X-ray study of the mutual solubility of solid phases in the ternary systems $\text{KCl} - \text{NaCl} - \text{CrCl}_3$ and $\text{KCl} - \text{NaCl} - \text{VCl}_3$. I. V. Vasil'kova and others. Vest. LGU 20 no. 16 126-132 '65.

SYSTEMS (CHEMISTRY)—THERMODYNAMIC PROPERTIES

Thermodynamic study of solid phase reactions in the system calcium oxide - iron oxides. G. M. Semenov, D. A. Kuznetsov, I. E. Zubova. Trudy MKHTI no. 17: 115-118 '64

SYZ'YAN' (KUYBYSHEV PROVINCE)—LIBRARIES AND READERS

What are we debating? L. Nadi. Biblioteka i 13 no. 9 46-47 S '65

SZYRYNG, HENRYK

Henryk Szeryng. V. Grigor'ev. Sov. muz. 29 no. 8 111-112 Ag '65

TACHOMETER

Electrical wireless turbotachometer operating in the frequency range below 1 Hz. B. A. Ivanov, K. A. Parfomov, B. A. Malin. Mash. i elekt. obr. no. 8 27-30 '65.

TAGANROG—LIBRARIES, UNIVERSITY AND COLLEGE

All-round development for future engineers. Z. Kuznetsova. Biblioteka i 43 no. 9 13-14 S '65

TAIGAS

Characteristics of soil formation in forests and cutovers in the subzone of the central taiga. I. S. Kaurichev, L. N. Frolova. Izv. TSKHA no. 2 142-157 '65.

TAILINGS (METALLURGY)

Clarification of flotation tailings by electrocoagulation. V. I. Pluzhnik. Izv. DGI 41 pt 2 56-60 '62.

TAILINGS (METALLURGY)—STORAGE

Moscow. Vsesoyuznyi nauchno-issledovatel'skiy tsentr po problemam razvitiya i ispol'zovaniya prirodnykh resursov. [Tailings storage structures] Rekomendatsii po proektirovaniyu sooruzhenii shlamokhranitel'skikh metallurgicheskoi promyshlennosti. Moskva, Stroiizdat, 1965. 143 p.

TAIROV, ALEKSANDR IAKOVLEVICH, 1885-1950

Tairov, on the eightieth anniversary of his birth. IU. Golovashenko. Teati 26 no. 9 80-101 S '65.

TAJKISTAN—BARITE

Colloform celestine-barite from Khir Mangou (southeastern Tajikistan). V. V. Mogarovskii. Zap. Vses. min. ob-va 94 no. 4 163-165 '65

TAJKISTAN—CELESTINE

Colloform celestine-barite from Khir Mangou (southeastern Tajikistan). V. V. Mogarovskii. Zap. Vses. min. ob-va 94 no. 4 163-165 '65

TAJKISTAN—COLLECTIVE FARMS

Mukhamedov, Kh. [Struggle of the Tajikistan party organization for the strengthening of collective farms, 1933-1935] Bor'ba partii organizatsii Tadjikistana za ukreplenie kollektivov, 1933-1935 gg. Dushanbe, Tadjikskii gos. univ., 1963. 116 p. (NCC)

TAJKISTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Mukhamedov, Kh. [Struggle of the Tajikistan party organization for the strengthening of collective farms, 1933-1935] Bor'ba partii organizatsii Tadjikistana za ukreplenie kollektivov, 1933-1935 gg. Dushanbe, Tadjikskii gos. univ., 1963. 116 p. (NCC)

TAJKISTAN—DIKES (GEOLOGY)

Dikes of the granite porphyries of the Khatlon Mts. V. N. Volkov. Zap. Tadzh. otd. Vses. min. ob-va no. 2 57-67 '61.

TAJKISTAN—HORSEFLIES

Horseflies (Tabanidae) of Tajikistan. T. G. Melnikova. Zool. zhur. 14 no. 7 10 19-10 11 '65.

TAJKISTAN—LICORICE

Licorice resources of Tajikistan. B. B. Keibekov, A. I. Gladyshev. Izv. AN Turk. SSR, Ser. biol. nauk no. 4 31-31 '65.

TAJKISTAN—PORPHYRY

Dikes of the granite porphyries of the Khatlon Mts. V. N. Volkov. Zap. Tadzh. otd. Vses. min. ob-va no. 2 57-67 '61.

TAJKISTAN—TRADE UNIONS

Radzhubov, S. A., and M. Shukurov. [Trade unions of Soviet Tajikistan] Profsoyuz Sovetskogo Tadjikistana [Moskva] Profizdat, 1964. 100 p. (Ind)

TAKYR see subdivision under Turkmenistan

TALAS RIVER—PIKE PERCH

Dynamics of the nutrition of pike perch in the basin of the Talas River. G. M. Dukareva. Vest. nauch. i prakt. [Kazakh.] 8 no. 9 85-89 S '65

TALES, WHITE RUSSIAN

[White Russian folk tales; retold by Oles' Takhmavich] Belorusskie narodnye skazki, peresказ Olesia Takhmavicha. Minsk, Belarus', 1964. 479 p. (NN)

TALKING MOTION PICTURES see Motion pictures, Talking

TALLINN—NUCLEAR COUNTERS

Using the radioactive RSP-11 film counter in the accounting for production. V. I. Litvak. S. kh. i med. 30 no. 9 20-27 S '65.

TALYSH MOUNTAINS—FLIES

Brief review of the fauna of synanthropic flies of the families Muscidae, Calliphoridae and Sarcophagidae (Diptera) of the Talysh Mountains. G. K. Trofimov. Ent. obozr. 41 no. 3 605-612 '65.

TAMAN' PENINSULA—GRAVITY PROSPECTING

Calculation of interferences in processing the results of gravimetric observations under the geomorphological conditions of the Taman' Peninsula. IU. A. Tsipilova, A. A. Klimanov. Narved. geofiz. no. 5 63-68 '65.

TAMBOV PROVINCE—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Expenditure of spare parts. V. Shevelukha. Tekhn. i sol'khov. 25 no. 6 68-67 S '65.

TAMBOV PROVINCE—BANKS AND BANKING

Bank work with collective farms. S. Pokidyshev. Den. i kred. 23 no. 9 40-41 S '65.

TAMBOV PROVINCE—CHERNOZEM SOILS

Agrochemical characteristics of Chernozem soils in Tambov province as related to the use of fertilizers. V. I. Nikitishin, I. A. Nikitishina. Pochvovedenie no. 8 76-80 Ag '65.

TAMBOV PROVINCE—COLLECTIVE FARMS—FINANCE

Bank work with collective farms. S. Pokidyshev. Den. i kred. 23 no. 9 40-41 S '65.

TAMBOV PROVINCE—HOUSING FOR PHYSICALLY HANDICAPPED

From the board of the Ministry. Sots. obshch. 25 no. 9 40-50 S '65.

TAMBOV PROVINCE—LAW—STUDY AND TEACHING

Why not study the fundamentals of Soviet law in school? A. Labeledov. Sots. zakon. 42 no. 6 61 S '65.

TAMDYTAU—ROCKS, SILICEOUS

Volcanic-siliceous and siliceous rocks in the basin of the Teshkaduk and Avhryty gullies (Tamdytau) K. Maksimov, Uzb. geol. zhur. 9 no. 4:78-82 '65

TAMM, IGOR' EVGEN'EVICH, 1895-

Academician I. T. Tamm's 70th birthday. Vest AN SSSR 35 no. 9:123 '65.

TANK CARS—DESIGN AND CONSTRUCTION

Results of industrial testing of bottom discharge devices of petroleum tank cars A. I. Kuchin, S. A. Arutunov, Transp. i khim. nefli i nefteprod. no. 7:17-21 '65.

SL-9 and SL-8 sealed bottom discharge devices for petroleum tank cars Z. Sh. Raikhiel' and others, Transp. i khim. nefli i nefteprod. no. 7:21-24 '65.

TANK TRUCKS

Using an isothermal tank truck for transporting wine materials A. M. Pozhomskiy, Biol. i khim. inform. Gos. nauch. i issl. inst. nauch. i tekhn. inform. 18 no. 7:45-47, 41 '65

TANK VESSELS

Unloading tankers at landing lacking unloading equipment. S. Blumkin, Mor. flot 24 no. 8:14-15 Ag '65.

TANK VESSELS—EQUIPMENT AND SUPPLIES

The PNR-600/50 immersion pump G. Sizov, M. Rabei, V. Usachev, Rezh. transp. 21 no. 8:23 Ag '62

TANKS

Protection and compaction of reinforced concrete tanks by polymer coatings N. A. Moshchanskii, I. E. Putinaev, Bet. i zhelezn. bet. 11 no. 9:9-12 S '65.

TANKS—CLEANING

Cleaning and painting vertical steel tanks A. Ganpan-tseura, IU. Kardovskii, Prom. stroi. i inzh. soor. 7 no. 4:18-19, 11 Ag '65.

Mechanical cleaning of tanks during the discharge of high-paraffin petroleum at terminals V. T. Bislulin, Transp. i khim. nefli i nefteprod. no. 8:22-24 '65.

Mobile device for cleaning petroleum tanks from bottom settlements A. L. Kozlov, A. B. Vasil'eva, G. I. Stolanov, Transp. i khim. nefli i nefteprod. no. 7:25-27 '65

TANKS—DESIGN AND CONSTRUCTION

New structures for steel gasoline-storage tanks M. Ashkinazi, Prom. stroi. i inzh. soor. 4 no. 6:53-55 N-D '62

TANKS (MILITARY SCIENCE)

Development of Soviet tanks V. Mostovenko, Voenn. i str. zhur. 7 no. 7:114-116, 11 Ag '65.

TANNING MATERIALS

Nature of the reaction of tanning zirconium compounds with collagen A. I. Metelkin, A. L. Zolotarev, I. V. Kur'mina, Izv. vys. ucheb. zav., tekhn. leg. prom. no. 4:74-81 '65.

New method for the synthesis of syntans possessing tanning and dubbing properties N. B. Filippova, S. A. Kur'mina, Izv. vys. ucheb. zav., tekhn. leg. prom. no. 4:82-83 '65

Possibility of using tar phenols in the production of sulfo syntans L. Kalde, Khim. i tekhn. gor. slani. i prod. ikh. perer. no. 13:295-302 '64.

Studying the tanning properties of the methylol derivatives of melamine D. A. Kutskii, I. P. Stakhov, Izv. vys. ucheb. zav., tekhn. leg. prom. no. 4:69-73 '65

Using the photocolometric method for determining iron oxide in tanning extracts S. P. Kochetova, Kozh. i obuv. prom. 7 no. 8:17-18 Ag '65.

TANTALITE—ELECTRIC PROPERTIES

Electrochemical nature of oleic acid adsorption on tantalite T. B. Naifonov, S. I. Pol'kin, Izv. vys. ucheb. zav., i tevet. met. 8 no. 4:15-17 '65.

TANTALUM

(see also subdivision under Kazakhstan)

Determination of zero points of tantalum and beryllium in fused salts IU. K. Delimataev, V. S. Kikhno, Ukr. khim. zhur. 31 no. 8:872-873 '65.

TANTALUM—METALLURGY

Investigating the interaction of niobium and tantalum pentoxides with caustic soda solutions at temperatures above 100° A. N. Zolkman, A. A. Orekhov, Izv. vys. ucheb. zav., i tevet. met. 8 no. 3:100-114 '65.

TANTALUM—SPECTRA

Distillation of niobium and tantalum during their spectrographic determination E. A. Pometun, Zhur. anal. khim. 20 no. 7:789-793 '65.

TANTALUM CARBIDES

Activated sintering of tantalum and hafnium carbides, A. D. Panasiuk, Izv. AN SSSR. Neorg. mat. 1 no. 7:1095-1070, 11 Ag '65.

TANTALUM CARBIDES—ELECTRIC PROPERTIES

Effect of temperature and composition on the electric conductivity of β - and γ -phases in the system tantalum-carbon Fiz. met. i metalloved. 20 no. 2:213-250 Ag '65

TANTALUM ISOTOPES—DECAY

Determining the intensities and multiplicity of high-energy gamma-transitions accompanying Ta^{182} decay V. D. Vitman, N. A. Voinova, B. S. Dzheleptov, Izd. fiz. 2 no. 3:393-401 S '65.

TANTALUM-VANADIUM ALLOYS see Vanadium-tantalum alloys

TAPE AND WIRE RECORDERS AND RECORDING see Magnetic recorders and recording

TAPEWORMS

Vestibulo-oculocervical syndrome in children with hymenolepiasis V. P. Grabovskaya, Sov. med. 28 no. 8:123-126 Ag '65.

TARBAGATAY RANGE—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Upper Ordovician sediments in the eastern part of the Western Tarbagatay Range (Keldymurat basin) A. V. Gushchik, N. I. Filatova, Izv. vys. ucheb. zav., geol. i inzh. 8 no. 9:28-33 S '65.

TARBAGATAY RANGE REGION—WATER, UNDERGROUND

Mukhammedzhanov, S. M., and others. [Underground waters of the Tarbagatay Range and its piedmont plains] Podzemnye vody khrebt Tarbagatay i ego ravninykh predgorii Alma-Ata, Izd-vo "Nauka" Kazakhskoi SSR, 1965, 147 p.

TARTARIC ACID—EFFECT ON SEEDS see Seeds

Effect of tartaric acid on

TARTU REGION—ASTRONOMICAL OBSERVATORIES

Astrophysical observatory in Estonia, II. I. Elzash, S. A. Kutuzov, Vest AN SSSR 35 no. 9:64-70 '65.

TASHKENT—JUVENILE DELINQUENCY

The district committee reacted, . . . K. Sergeev, Parl. zhizn' no. 20:61-65 O '65.

TASHKENT—OFFICE BUILDINGS—DESIGN AND CONSTRUCTION

Design of the administrative center of Tashkent B. Mezentsev, B. Zaitseva, I. Rozanov, Arkh. i stroi. 10 no. 9:7-20 '65

TASTE

Manifestation of the gastrointestinal reflex in some diseases of the gastrointestinal tract S. M. Budylina, Biol. i med. 60 no. 8:39-39 Ag '65.

TATAR A.S.S.R.—CHILDREN—GROWTH

Physical development of children during the 2d and 3d years of life in some districts of the Tatar A.S.S.R. S. N. Iakubova, Nauch. trudy Kaz. gos. med. inst. 14:65-66 '64.

TATAR A.S.S.R.—CONSTRUCTION WORKERS—EDUCATION AND TRAINING

Training of personnel in the Combine for Building Petroleum Storage Units and other Petroleum Industry Facilities of the Tatar Petroleum Industry. Ch. Sh. Galimova, Stroi. trudooprov. 10 no. 9:17-20 S '65.

TATAR A.S.S.R.—DIPHTHERIA

Eradication of diphtheria in the Tatar A.S.S.R. L. I. Fedorenko, Nauch. trudy Kaz. gos. med. inst. 14:55-56 '64.

TATAR A.S.S.R.—GEOLOGY, STRUCTURAL

Tectonics of the northern dome in the Tatar Arch based on geophysical prospecting data V. P. Stepanov, F. A. Kenzina, A. D. Surkov, Geol. nefli i gaz 9 no. 9:20-33 S '65.

TATAR A.S.S.R.—GOTTER

Pathomorphology of endemic goiter in the Tatar A.S.S.R. N. V. Laptova, N. F. Poryvaev, IU. K. Razumovskii, Nauch. trudy Kaz. gos. med. inst. 14:217-218 '64.

TATAR A.S.S.R.—LEPTOSPIROSIS

Murine rodents as carriers of Leptospira rattus, S. K. Birkova and others, Nauch. trudy Kaz. gos. med. inst. 14:109-110 '64.

TATAR A.S.S.R.—LONGEVITY

Some data on the longevity of the population in the Tatar A.S.S.R. according to census materials of 1939 and 1959 M. Kh. Vakhitov, Nauch. trudy Kaz. gos. med. inst. 14:15-16 '64.

TATAR A.S.S.R.—PETROLEUM GEOLOGY

New data on the oil potential of Tatarian sediments in the Tatar A.S.S.R. A. M. Melnikov, G. F. Busol, Geol. nefli i gaz 9 no. 9:13-15 S '65.

TATAR A.S.S.R.—PUBLIC HEALTH

Fundamental indicators of the population's health in the Tatar A.S.S.R. in half a century (1913-1963). T. D. Epifanin, Nauch. trudy Kaz. gos. med. inst. 14:61-63 '64.

Purpose of industry and the protection of the health of workers R. S. Madharov, Nauch. trudy Kaz. gos. med. inst. 14:39-41 '64.

TATAR A.S.S.R.—REVOLUTION OF 1905

Khasanov, Kh. Kh. [The 1905-1907 Revolution in Tataria] Revoliutsia 1905-1907 gg. v Tatarii, Moskva, Nauka, 1965, 340 p.

TATAR A.S.S.R.—RODENTS AS CARRIERS OF DISEASE

Murine rodents as carriers of Leptospira rattus, S. K. Birkova and others, Nauch. trudy Kaz. gos. med. inst. 14:109-110 '64.

TATAR A.S.S.R.—SUGAR INDUSTRY

Creation of a raw material base for the Bulsk Sugar Factory V. M. Shvachkin, Sakh. prom. 39 no. 6:63-65 S '65.

TATAR A.S.S.R.—SWINE BREEDING

Organization of the insemination of blood sows kept in field shelters N. A. Burkatov, Veterinariia 42 no. 7:84-85, 81 '63.

TATAR A.S.S.R.—TRADE UNIONS

"We protect from an excessive work load," V. Skibitskaya, Sov. profsoyuz 21 no. 17:17-18 S '65.

TATAR A.S.S.R.—TUBERCULOSIS

Tuberculosis control in the Tatar A.S.S.R. during the first decade of Soviet power R. M. Sharsutdinova, Nauch. trudy Kaz. gos. med. inst. 14:59-60 '64.

TAUTOMERISM

Amidimidol tautomerism of N-phosphoryl amido-phosphates and phosphates B. I. Matrosov, V. A. Giliarov, M. I. Kabachnik, Izv. AN SSSR, Ser. khim. no. 8:1331-1336 '65

Polygraphic study of the acetyl-o conversion of 1,2-nitrocyclohexanol and 1-nitrocyclohexene I. A. Lyubantiskii, P. M. Zaitsev, Z. V. Zaitseva, Dokl. o khimii 1 no. 8:990-992 Ag '65.

Study of keto-enol equilibrium of 3-alkylacetylacetones by the nuclear magnetic resonance method IU. N. Molin and others, Izv. AN SSSR, Ser. khim. no. 9:1556-1564 '65.

Tautomerism of lactams in vapors studied by means of infrared spectroscopy F. S. Levin, G. N. Rodionova, Dokl. AN SSSR 104 no. 3:584-587 S '65.

TAXATION

Give more attention to taxation work V. Tur, Fin. SSSR 39 no. 9:24-25 S '65.

TAXICABS

Coefficient of paying miles and the idle period of taxicabs in parking M. Faltusovich, Avt. transp. 43 no. 8:25-28 Ag '65.

TAXIDERMY

Dal', K. K. [Manual for workers of anatomical and zoological museums and departments of biology] Posobie dlia rabotnikov anatomiko-zoologicheskikh muzeev i kafedri biologii Dushanbe, Izd-vo AN Tadzhikskoi SSR, 1965, 98 p.

TBILISI see TIFLIS

TEA—DISEASES AND PESTS

Synfos and rogor as effective preparations against the tea aphid (Toxoptera aurantii) V. S. Dzhasht, V. V. Dzhasht, Subtrop. kul't. no. 1:17-52 '65

TEA—FERTILIZERS AND MANURES see subdivision under Georgia

TEA—IRRIGATION see subdivision under Krasnodar Territory

TEA—STANDARDS

State standards for high-quality tea leaves S. Kh. Pirishalishvili, Subtrop. kul't. no. 1:10-32 '65

TEA BREEDING

Importance of breeding in improving the quality of tea G. P. Sardzhvadze, Dokl. Akad. sci. khv. nauk no. 8:18-22 Ag '65.

TEACHERS

Best profession in the world E. Blinkina, Doshk. vosp. 38 no. 8:80-81 Ag '65.

Foremen by vocation Prof. -tekh. obr. 22 no. 9:27-28 S '65.

"Good day, Ivan Ivanovich!" V. Iur'ev, Prof. -tekh. obr. 22 no. 9:28-30 S '65.

Teacher of grain growers Prof. -tekh. obr. 22 no. 9:18-19 S '65.

When the heart is young V. Karpushchenko, Prof. -tekh. obr. 22 no. 9:23-24 S '65.

TEACHERS, TRAINING OF

- Let's improve the training of teaching personnel. G. M. Mikhalev. Sov. pedagog. 29 no. 8:101-109 Je '65.
Methodological study room in a kindergarten. E. Zorovskaya. Doshk. vosp. 38 no. 8:84 Ag '65.
Professional training of future teachers. V. A. Shlov. Sred. sprts. obr. 12 no. 8:17-18 Ag '65.
Theoretical training of elementary school teachers. S. S. Povalenko. Rad. shk. 44 no. 9:83-86 S '65.

TEACHERS, TRAINING OF—CONGRESSES

- Conference of the directors of pedagogical institutes. V. Gruzdev. Sov. pedagog. 29 no. 8:153-155 S '65.

TEACHING

- Continuity between the elementary and secondary links of education. L. P. Svirnov. Nach. shkola 33 no. 7: 68-69 Ji '65.
Enthusiasm and eagerness; thoughts about our work. I. Sifonov, U. Borisov, M. Dement'ev. Prof. -tekh. obr. 22 no. 9:11-13 S '65.
The lecture is not a passive form of teaching. M. M. Fedorovich. Vest. vys. shkoly 23 no. 9:24-26 S '65.
Let's improve teaching methods. T. A. Shepot'ev. Shkola i prosv. 9 no. 9:11-13 S '65.
Measures for a thorough improvement of the quality of students' knowledge and the elimination of students repeating a year. Nach. shkola 33 no. 8:38 Ag '65.
Methodological work at a plant. V. Ashevskii. Prof. -tekh. obr. 22 no. 9:43-45 S '65.
Potentialities for increasing the labor productivity of teachers and students. V. P. Kornilenko. Vest. vys. shkoly 23 no. 9:15 S '65.
Teacher's help. I. N. Klugman. Sred. sprts. obr. 12 no. 8:20-21 Ag '65.
Teachers' speech. V. I. Zhukovskaya. Nach. shkola 33 no. 9:3-7 S '65.

TEACHING MACHINES

- KU-1 control device and its application. V. P. Makarov, V. N. Romanovskii. Shkola i prosv. 9 no. 9:70-74 S '65.
"Lastivka" receives examinations. O. E. Denisov. Rad. shk. 44 no. 9:43-45 S '65.
Logical systems in teaching machines. A. N. Bogatyrev. Shkola i prosv. 9 no. 9:66-69 S '65.
Requirements of teaching and testing machines. O. H. Mikhaylov. Rad. shk. 44 no. 9:40-43 S '65.
Three hours in a pavilion at the Exhibition of Achievements of the National Economy of the U.S.S.R. I. Gorodnichenko. Vest. vys. shkoly 23 no. 9:65-68 S '65.
Use of "Lastivka" for examinations in the institutions of higher learning. O. F. Mishyna. Rad. shk. 44 no. 9:47 S '65.

TECHNICAL ASSISTANCE, COMMUNIST

see subdivision under India

TECHNICAL CHEMISTRY

see Chemistry, Technical

TECHNICAL EDUCATION

- In the Ministry of Higher and Secondary Specialized Education of the U.S.S.R. Vest. vys. shkoly 23 no. 9:82-83 S '65.
Taking into consideration the requirements of technical progress. G. A. Nikolaev. Vest. vys. shkoly 23 no. 9:27-32 S '65.
What form of specialist training is more effective. I. D. Samoilova. Vest. vys. shkoly 23 no. 9:15-21 S '65.

TECHNICAL LIBRARIES

(see also subdivision under Kazakhstan, Sverdlovsk Province)

- Bachalidze, B. N. (Planning the work of technical libraries: a methods text) Planirovaniye raboty tekhnicheskikh bibliotek, metodicheskoe posobie. Moskva, Gos. publitsnaya nauchno-tekhn. biblioteka SSSR, 1965, 88 p. (V pomoshch' rabotnikam tekhnicheskikh bibliotek)
Use of foreign literature in a research institute. I. S. Nud'ga. NTI no. 6:17 '65.

TECHNICIANS IN INDUSTRY

- Improving specialists' qualifications; our consultations. A. Aleshin. Sov. profsoyuzy 21 no. 19:45 O '65.
Use of specialists in production and planning their number. V. Sominskii, A. Ivanov. Sots. trud. 10 no. 8:38-42 '65.

TECHNOLOGICAL INNOVATIONS

- (see also subdivision under Hungary; White Russia)
Advertising board. Izobr. i rats. no. 9:8-9 '65.
Authors' licences and patents. Mashinostroyeniye no. 5:106-108 S-O '65.
Conceived-achieved. Izobr. i rats. no. 9:12 '65.
From the notebook of the technologist of "Izobretatel" i ratsionalizator. Izobr. i rats. no. 9:13 '65.
In the Ministry of Finance of the U.S.S.R. Bukh. uchast 22 no. 8:71-72 Ag '65.
Method of determining the economic efficiency of capital investments and new equipment. Sbor. nauch. inform. Nauch.-sov. po eff. osn. fond. k. p. v. lozh. i nov. tekhn. AN SSSR no. 7:140-144 '65.

Replies to innovators' questions. A. Kondrat'ev. Izkon. Rad. Ukh. 8 no. 8:82 Ag '65.

Results of the Third All-Union Public Inspection of the Fulfillment of Scientific Research Plans and Application of the Achievements of Science and Technology in the National Economy during 1961. Kona. i. ov. prom. 20 no. 8:11 Ag '65.

Results of the Third All-Union Public Review of the Fulfillment of Research Plans and Use of Scientific and Technological Innovations in the National Economy in 1964. Teploenergetika 12 no. 9:85-96 Ag '65.

The road from exhibition to production should be shorter. Inform. biul. VDNKH no. 9:2-3 S '65.

Several problems of determining the economic efficiency of capital investments and new equipment. A. A. Malychev. Ochn. po sovi. sov. i zarub. ekon. no. 4:52-81 '65.

A study of legal problems related to an expanded utilization and increasing growth of inventors' proposals. S. N. Landkof. Sov. gos. i pravo 35 no. 9:116-118 S '65.

This is how we live. Izobr. i rats. no. 9:10 '65.

TECHNOLOGICAL INNOVATIONS—BIBLIOGRAPHY

Bibliography—Technological innovations

TECHNOLOGICAL INNOVATIONS—ECONOMIC ASPECTS

Islamov, S. U. [Statistical study of the economic efficiency of new equipment in industry] Statisticheskoe izucheniye ekonomicheskoi effektivnosti novoi tekhniki v promyshlennosti. Moskva, Statistika, 1965, 73 p.

TECHNOLOGICAL INNOVATIONS—EXHIBITIONS

(see also subdivision under Ukraine)

At the Exhibition of the Achievements of the National Economy. Mekh. i avtom. proizv. 10 no. 9:29-32 Ag '65.

TECHNOLOGICAL INNOVATIONS—FINANCE

Suslova, N. D. [Credit for new equipment; procedure for issuing credit and computing economic efficiency] Kredit na novuyu tekhniku, poriadok kreditovaniya i ischisleniya ekonomicheskoi effektivnosti. Moskva, Finansy, 1965, 71 p. (Finansy promyshlennosti)
Use of bank loans for the introduction of new equipment and techniques. K. K. Ol'mezov, I. S. Romanenko, Maslozhit. prom. 31 no. 9:27-28 S '65.

TECHNOLOGICAL INNOVATIONS—LAWS AND LEGISLATION

Legal effect of the formulation of a technological innovation. V. Popov. Rad. pravo 28 no. 6:54-55 '65.

TECHNOLOGICAL INNOVATIONS—STUDY AND TEACHING

see subdivision under Karaganda Province

TECHNOLOGY

(see also subdivision under Moscow Province)

The laws of technology and technological progress. V. I. Kovalev, I. U. S. Meleshchenko. Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., Filos. no. 6:125-131 '65.

TECHNOLOGY—ABSTRACTING AND INDEXING

Method of automatic annotation of texts. I. P. Sevbo. NTI no. 8:32-34 '65.

TECHNOLOGY—INFORMATION SERVICES

(see also subdivision under Czechoslovakia, Leningrad; Moscow, Tiflis)

Activities in scientific and technological propaganda. Inform. biul. VDNKH no. 10:8-9 O '62.

Adherence of the U.S.S.R. to the Paris Convention for the Protection of Industrial Property and the tasks of information organs. V. A. Dorozhnikov. NTI no. 8:10-23 '65.

Basic principles in the organization of science and technology sections at the science and technology information centers. G. G. Iatsenko. NTI no. 6:14-16 '65.

Committee of reviewers in a plant. A. S. Iuganson. NTI no. 6:13 '65.

Depositing of manuscripts. NTI no. 8:3-4 '65.

Increase the level of scientific technical information in the machinery industry. Mekh. i avtom. proizv. 10 no. 9:51-52 S '65.

Preparation of information cards in a technological research and planning institute. M. K. Kniaseva. NTI no. 7:15 '65.

Publication of technical leaflets. R. G. Abdullin. NTI no. 8:14-16 '65.

System of the differentiated distribution of information by the use of punched card machinery. O. A. Kuznetsov, L. N. Khimov. NTI no. 8:25-31 '65.

Use of foreign literature in a research institute. I. S. Nud'ga. NTI no. 6:17 '65.

TEETH—ABNORMALITIES AND DEFORMITIES

Morphology of hard dental tissues in hypoplasia. N. V. Smolentsva. Nauch. trudy Kaz. gos. med. inst. 14:265-266 '64.

TEETH—AGING

Determination of the age in children from 5 to 10 years old based on X-ray examination of the development of state of teeth. S. A. Vinichukh. Sud.-med. eksp. 4 no. 3:90-91 Ji-S '65.

TEETH—DISEASES

(see also subdivision under China; Komi A.S.S.R.; Kuzbass; Tatar A.S.S.R.; Menzelinsk, Tatar A.S.S.R.)

Some results of studies on prophylaxis and treatment of caries of the teeth and its complications. G. D. Gerasimov. Nauch. trudy Kaz. gos. med. inst. 14:553-560 '64.
Study of the incidence of caries in relation to preparation. L. A. Ulybina. Nauch. trudy Kaz. gos. med. inst. 14:563 '64.

TEETH—INNERVATION

Some structural changes in the alveolar process and the teeth of the lower jaw due to the compensation of the inferior alveolar nerve in dogs. I. A. S. Kuznetsov. Nauch. trudy Kaz. gos. med. inst. 14:215-226 '64.

TEETH—WOUNDS AND INJURIES

Regeneration of the hard tissues of a tooth following a trauma. I. M. Okunin. Nauch. trudy Kaz. gos. med. inst. 14:513-514 '64.

TEHRAN, MUKHAMMED FAKI, 1302-1375 or 6

Tejran, Mukhammad Fakl, Shakh San'at. Khatirah-i tehrani, poroqat, pirnarchanah-i pedeshlovi M. F. Rudenko. Moskva, Nauka, 1965, 167 p. [In Russian and Kurdish]

TEKELI REGION (KAZAKHSTAN)—MINING ENGINEERING

Actual observations of the developments of rock pressure in level workings at the Tekeli land and zinc mine. G. G. Mironov, V. V. Smirnov. Izv. vuz. geotekhn. i. geol. zhur. 8 no. 7:57-60 '65.

TELECOMMUNICATION

(see also subdivision under Zlatoust Province)

Comparative evaluation of the interference rejection of different systems for transmitting discrete communications without memory feedback. V. V. Solov'ev. Elektrosvyaz' 19 no. 8:1-6 Ap '65.

Comparison of the spectra of oscillations keyed according to phase or amplitude. N. T. Potuzhich, M. K. Razmikhin. Radiotekhnika 20 no. 9:16-18 '65.

Determination of an optimum number of phase quantization steps in a communication system with phase modulation using a storage method. I. G. Khamov, B. N. Dondalov. Elektrosvyaz' 19 no. 8:7-13 Ag '65.

Effect of nonsteady processes and destabilizing factors on nonlinear processes in an FM discriminator with staggered circuits. I. M. Simontov, V. F. Shestakov. Elektrosvyaz' 19 no. 8:67-69 S '65.

Effectiveness of some methods for transmitting stationary patterns. D. S. Lebedev, I. P. Pavlovskii. Elektrosvyaz' 19 no. 8:62-68 Ag '65.

Electronic correlator for separating signals according to form. A. I. Samoilov. Elektrosvyaz' 19 no. 8:30-46 Ag '65.

Frequency correlation in radio communication using dispersive media. H. A. Eshchinskikh. Radiotekhnika 20 no. 9:27-35 S '65.

Maximization of a signal-to-noise ratio in presence of nonstationary interferences. A. G. Semin. Radiotekhnika i elektron. 10 no. 9:1720-1721 S '65.

Observe strictly the labor legislation in telecommunication enterprises. V. N. Lebedev. Vest. svyazi 25 no. 9:14-16 S '65.

Permanently improve the style and operating methods of the administrative apparatus. G. A. Anisimov. Vest. svyazi 25 no. 9:22-23 S '65.

Potential interference rejection of diversity reception. I. S. Andonov. Elektrosvyaz' 19 no. 9:10-16 S '65.

Resolution of two signals. I. V. Ilonov, Radiotekhnika i elektron. 10 no. 9:1616-1622 S '65.

Successfully carry out the fulfillment of the 1965 plan. Vest. svyazi 25 no. 9:3-4 S '65.

Transitory interference during the shaping of a modulated pulse train using a shock-excitation stage. A. I. Drygalov. Sbor. trud. ILEIT no. 224:100-113 '64.

Two-channel communication system with stable difference frequency and amplitude keying. P. A. Kuznetsov. Elektrosvyaz' 19 no. 9:43-49 S '65.

TELECOMMUNICATION—ABSTRACTS

[Radio engineering and telecommunication] Ref. zhur.: Radiotekh. i elektrosvyaz' no. 9 S '65.

TELECOMMUNICATION—FINANCE

Establishing norms for working capital in telecommunication enterprises. A. B. Naidenova. Vest. svyazi 25 no. 9:13-14 S '65.

Increasing the income and profitability of telecommunication enterprises is the most important state task. Vest. svyazi 25 no. 9:1-2 S '65.

TELEGRAPH

Action of signal and additive noise on a frequency doubler. B. G. Litmanov, N. S. Mamatov. *Elektronika* 19 no. 9 38-19 S '65.

Indexing of telegraph correspondence. A. A. Pentelechenko, E. A. Lavshin. *Vest. aviatsii* 25 no. 9 18 S '65.

Method and equipment for the transmission of data through a complex to logarithm channel. L. D. Cherkashin, N. F. Mamonov, G. N. Ustinov. *Elektronika* 19 no. 9 50-58 S '65.

TELEGRAPH—EQUIPMENT AND SUPPLIES

Adjustment of levels in NTCM-4 equipment. N. V. Seltsnev. *Avtom., telemekhanika* 9 no. 8 21-26 Ag '65.

TELEGRAPH—TESTING

Test tests for telegraph apparatus. A. I. Kondobovskii. *Elektronika* 19 no. 9 59-66 S '65.

TELEGRAPH LINES

Schematics for organizing telegraph communications according to a system of straight connections. V. V. Filippov. *Vest. aviatsii* 25 no. 9 5-8 S '65.

TELEGRAPH STATIONS

see subdivision under Lvov

TELEMETERING

Algorithm for data collection control. V. A. Vitikh, A. N. Ginzburg. *Avtomatika* no. 4 28-36 '65.

Didyk, B. S. [Frequency and frequency-time code discrete telemetering systems] *Chislotnye i chastotno-vremennye sistemy diskretnogo telemekhanika*. Pod red. F. A. Katkova. Kiev, Tekhnika, 1965. 95 p. Experimental study of the functional nodes of a processing device of the automatic hydrologic telemetering station. A. F. Kuznetsov, A. M. Bogomolov, G. P. Noronova. *Trudy GGI* no. 115 1-6 '64.

Method for the compensation of amplitude signals in a multichannel telemetry system. S. V. Alekseev. *Trudy MEI* no. 52 103-108 '63.

Operating principle and description of the basic nodes of the first variant of an automatic telemetering system. A. M. Dimnik and others. *Trudy GGI* no. 115 3-13 '64.

TELEPHONE

Use of pulse-code modulation in the construction of a unified (integral) switching and multiplexing system. A. D. Kharkovich. *Elektronika* 19 no. 8 54-61 Ag '65.

TELEPHONE, WIRELESS

Kovalchuk, V. S. [Marine radiotelephonic communication and apparatus] *Morskaya radiotelefonnaya svyaz* i apparatura. Moskva, Transport, 1965. 137 p. diagrs. (inset)

TELEPHONE CABLES

Grodnev, I. I. [Communication cables] *Kabeli svyazi*. Moskva, Energiya, 1965. 270 p.

TELEPHONE LINES

Effect of amplitude-frequency and phase-frequency characteristics of telephone channels on digital information transmission. N. F. Sementova. *Sbor trud LITIZIT* no. 224 44-62 '64.

TELEPHONE LINES—TESTING

Equipment for the automatic check of the consumer lines of automatic telephone exchanges. M. I. U. Rutenburg. *Vest. aviatsii* 25 no. 9 10-11 S '65.

TELEVISION

Good prospects for cooperation. *Radio* no. 7 16, 62 JI '65.

Measurement of the interframe correlation of a television image. E. Z. Sotok, *Elektronika* 19 no. 8 77-79 S '65.

Study of the rise time television tube target coatings. V. I. Konchik, L. I. Khomov. *Radiotekhnika* 20 no. 9 58-62 S '65.

Uzilevskii, V. A. [Legend of the crystal egg; tale about a professor of television] *Legenda o khristal'nom iatsse; povest' o professore teledvideniia*. [Leningrad] Lentsdat, 1965. 271 p.

Video signal channel. O. Gaznuk. *Radio* no. 7 22-25 JI '65.

TELEVISION—ABSTRACTS

Abstracts. *Tekhn. kino i telev.* 9 no. 8 77-83 Ag '65.

TELEVISION—ANTENNAS

Indoor television antenna. K. Kharchenko, B. Shulman. *Radio* no. 7 25 JI '65.

TELEVISION—EQUIPMENT AND SUPPLIES

Manufacture of correction plates for "Schmidt" lenses. M. P. Zakornov, V. A. Afanas'ev. *Tekhn. kino i telev.* 9 no. 8 80-81 Ag '65.

New microphones for outdoor television transmission. V. G. Kozinekil. *Tekhn. kino i telev.* 9 no. 8 63 Ag '65.

TELEVISION—EXHIBITIONS

Exhibited by foreign countries. *Vest. aviatsii* 25 no. 9 28-30 S '65.

TELEVISION—RECEIVERS AND RECEPTION

Bogalov, G. B. [Contrast distortions in television and their correction] *Kontrastnye iskazheniia v teledvidenii i ikh korrrektisia*. Moskva, Energiya, 1965. 263 p. Pochepa, A. M. [Television in questions and answers] *Televiziionnye voprosy i otvety*. Odessa, Izd-vo "Minsk," 1965. 275 p.

Reproduction of halftones in the large details of television pictures. E. L. Orlovskii and others. *Tekhn. kino i telev.* 9 no. 8 1-11 Ag '65.

TELEVISION—REPAIRING

Radio and television receivers should be serviced in an outstanding manner. G. N. Shakhmatov. *Vest. aviatsii* 25 no. 9 27 S '65.

TELEVISION—RESEARCH

Twenty-first All-Union Scientific Session dedicated to the 70th anniversary of the invention of radio. *Tekhn. kino i telev.* 9 no. 8 87-90 Ag '65.

TELEVISION BROADCASTING see subdivision under Africa

TELEVISION BROADCASTING—EXHIBITIONS

Attention! The "Soviet Culture" Pavilion speaking and showing! I. Kartishov. *Inform. blud VDNKH* no. 9 40 S '65.

TELEVISION IN EDUCATION

Educational television gathers strength. Z. Avneis. *Vest. vyssh. shkoly* 23 no. 9 58-61 S '65.

What and how to teach by means of television. V. P. Parfenov. *Vest. vyssh. shkoly* 23 no. 9 55-58 S '65.

TELEVISION INDUSTRY—PRODUCTION STANDARDS

see subdivision under Brku

TELEVISION PICTURE TUBES

Increasing the resolving power of kinescopes at the screen edges. K. G. Glinenko, Z. D. Gritskii. *Tekhn. kino i telev.* 9 no. 8 41-45 Ag '65.

Investigating the strength and durability of glass products. S. F. Kozlovskii. V. I. Shchubskii. *Steklo* 92 no. 9 20-21 S '65.

Relation between the visual perception of the brightness of scanning lines and their dimensional brightness. I. U. P. Sidel'nikov. *Tekhn. kino i telev.* 9 no. 8 54-56 Ag '65.

Zhigarev, A. A. [Electron-beam devices] *Elektronnayechevye pribory*. Moskva, Energiya, 1965. 335 p.

TELEVISION STATIONS see subdivision under Ulyanovsk

TELLURIUM

Phase diagram for tellurium. S. M. Stishov, N. A. Tikhomirova. *Zhur. eksperimental. fiz.* 49 no. 2 616-620 Ag '65.

Production of pure tellurium. R. I. Riabova, A. A. Kudryavtsov. *Trudy MKIT* no. 47 57-60 '64.

TELLURIUM—ANALYSIS

Rapid method of decomposition of copper electrolyte anodes for the determination of selenium and tellurium. E. A. Buketov, M. Zh. Makhmetov, Z. I. Gromakova. *Izv. AN Kazakh SSR, Ser. khim. nauk* 15 no. 2 41-41 Ap-Je '65.

TELLURIUM—GALVANOMAGNETIC PROPERTIES

Galvanomagnetic properties of tellurium and the structure of its valence band near the energy minimum. L. I. Farbalstein, A. M. Pogarskii, S. S. Shalyt. *Plz. i teletela* 7 no. 8 2383-2390 Ag '65.

TELLURIUM COMPOUNDS

Polarography of tellurium. Part I: Tetraivalent tellurium. S. I. Zhdanov, R. G. Pats. *Elektrokhimiya* 1 no. 9 947-954 Ag '65.

TEMPERATURE see subdivision under Synozero, Lake

TEMPERATURE—EFFECT ON MATERIALS see Materials, Effect of temperature on

TEMPERATURE—EFFECT ON MERCURY see Mercury, Effect of temperature on

TEMPERATURE—EFFECT ON METALS see Metals, Effect of temperature on

TEMPERATURE—EFFECT ON PLANTS see Plants, Effect of temperature on

TEMPERATURE—PHYSIOLOGICAL EFFECT

Change in the vascular permeability following monetary exposure to high temperature. D. S. Ovezmuradova. *Izv. AN Turk. SSR, Ser. biol. nauk* no. 4 82-85 '65.

Changes in the hemodynamics in the female breast under the effect of heat and cold stimulation. T. N. Ghanat, I. U. B. Moskalenko. *Fiziol. zhur.* 51 no. 9 1100-1107 S '65.

Effect of increased temperature on the reproduction of some strains of *Escherichia coli*. G. N. Nesterova. *Zhur. mikrobiol., epid. i immunit.* 13 no. 4 152 Ag '65.

Effect of temperature on the bioelectric activity of Pacinian bodies. O. B. Il'inski, V. B. Fiks, S. I. F. Brapkova. *Dokl. AN SSSR* 161 no. 1 227-229 S '65.

Photoperiodic and temperature reactions determining the seasonal development of *Dendrolimus pini* L. and *Dendrolimus sibiricus* Tschetw. (Lepidoptera, Lasiocampidae). K. F. Gaisnits. *Entomozh.* 44 no. 3 538-553 '65.

TEMPERATURE FIELDS

Calculating attain hardening and the temperature field during extrusion. G. I. A. Gun and others. *Izv. vuzov. fiz. i tekhn. nauk* 8 no. 1 131-139 '65.

Calculating the temperature field in a vapor-liquid heat exchanger taking the variable properties of the heated liquid into account. R. A. Ladiev, Z. A. Kozanevich. *Khim. mashinost.* no. 1 115-118 '65.

Investigating the temperature field of molten germanium and preparing crystals of prescribed size with a uniform distribution of impurities over their cross section. V. N. Chukhmanishvili. *Sob. AN Gruz. SSR* 38 no. 3 383-390 My '65.

TEMPERATURE REGULATORS

Automatic differential temperature regulator. G. E. Minatskanov. *Khol. tekhn. i tekhn.* no. 1 121-126 '65.

Automatic regulation of water and oil temperature in the diesel engine of the tanker "Litchanank." V. P. Petrov, P. N. Chitilnenko. *Mor. flot* 25 no. 9 26-28 S '65.

Automatic temperature regulator for shoe dryers. V. V. Rilezov, B. A. Taniuk. *Leh. prom.* no. 3 33-36 JI-S '65.

Control and automatic regulation of temperature in air-conditioned rooms. S. P. Kokelev. *Izm. tekhn.* no. 8: 23-25 Ag '65.

Results of laboratory and industrial tests of the K4-2 and ATV-229 temperature-regulating devices. A. Sh. Khim'yan, N. P. Izmodenov. *Sbor. KuzNITU* no. 10 90-99 '64.

Selecting the parameters of tunnel baking ovens for the purpose of the control of their thermal conditions. O. F. Lysovenko and others. *Khar. prom.* no. 3 23-26 JI-S '65.

Temperature regulation in air-conditioned rooms. V. F. Labentsov. *Izm. tekhn.* no. 8 20-23 Ag '65.

TEMPOROMANDIBULAR JOINT—RADIOGRAPHY

Forms and elements of the temporomandibular joint according to X-ray data. G. G. Noshvillia. *Nauch. trudy Kaz. gos. med. inst.* 14:407-490 '61.

TENCH

Histological and histochemical changes in the intestines of tench following fat absorption. F. Kh. Khalilov, V. M. Intushin. *Izv. AN Kazakh SSR, Ser. biol. nauk* 3 no. 3 97-103 My-Je '65.

TENSIMETERS

Pickups for measuring soil pressure on the surface of working tools of earthmoving machines. V. N. Balovnev, I. A. Nedorezov, G. N. Karnesov. *Stroitel. mash.* 10 no. 3 10-10 Ag '65.

TENSIMETRY

Investigating the stressed state of asbestos-cement gas mains by electrostatics. A. A. Mironov. *Ispol. gaz. v mal. khoz.* no. 2 23-30 '63.

TEREPHTHALIC ACID

Copolycondensation of α, ω -amino acids with linear oligomers of polyethylene terephthalate. A. I. Kozetskii, G. I. Kudryavtsov, A. A. Konkin. *Vysokom. soed.* 7 no. 5 1008-1012 My '65.

Kinetics of the polycondensation of bis-phenols with terephthalic acid chloride. S. V. Vinogradova and others. *Dokl. AN SSSR* 164 no. 3 563-566 S '65.

On the phosphorescence of terephthalic acid. H. M. Kyslink, H. M. Lysenko. *Ukt. fiz. zhur.* 10 no. 9 1015-1018 S '65.

TEREPHTHALIC ACID—TOXICOLOGY

Study on the toxicity of terephthalic acid. I. U. P. Sanina. *Toks. nov. prom. khim. veshch.* no. 7 91-101 '65.

TERMITES see subdivision under Turkmenistan

TERNOPOL' PROVINCE—INDUSTRIAL HYGIENE

Councils on industrial hygiene. V. Ozimov. *Sov. poirob. koon.* 9 no. 9 28 S '65.

TERRACES (GEOLOGY) see subdivision under Kamchatka

TERRESTRIAL ELECTRICITY see Earth currents

TERRESTRIAL MAGNETISM see Magnetism, Terrestrial

TESTICLE

Effect of chronic gamma irradiation in small doses on the testicles of laboratory animals. S. A. Kelzer, O. A. Zavalishina. *Lv. in SSSR Ser. biol.* no. 5 750-782 5-O '65

Effect of the removal of the lateral sympathetic trunk on the structure and function of the testes and prostate. G. I. Khichorovskii. *Fiziol. zhur.* 51 no. 8 1123-1127 S '65

TESTICLE—ABNORMALITIES AND DEFORMITIES

Immunologic nature of atrophy of an injured testicle. S. S. Raitulina. *Dokl. AN SSSR* 164 no. 1 223-226 no. 1 S '65

TESTICLE—CANCER

Malignant multiple teratoma of the retroperitoneal cellular tissue and testis, a single observation. I. U. G. Pigatov, A. D. Solomniko. *Vopr. onk.* 11 no. 9 86-87 '65

TESTICLE—INNERVATION

Sources of the sympathetic innervation of the membranes of male sea gulls. E. N. Tolpegina. *Nauch. trudy Kaz. gos. med. inst.* 14 259-296 '64

TESTING MACHINES

Experience gained with a modernized MI-1 laboratory-type friction-testing machine. V. I. Boitsov. *Zav. lab.* 31 no. 8 1026 '65

Modification of the loading mechanism for an MI-1200 machine. A. I. Kosarev and others. *Zav. lab.* 31 no. 8 1025 '65

TESTS, MEDICAL see Medical tests

TETANUS

Effect of adenosine triphosphate and metabolism inhibitors on the tetanus and the contracture of skeletal muscles. E. K. Zhukov. *Tsitologia* 7 no. 4, 510-520 11-Ag '65

Some problems of tetanus treatment and prophylaxis. Z. I. Kravtsovskii, N. G. Grudina. *Sov. med.* 28 no. 8 132-134 Ag '65

TETANY

Gastrogenic tetany. P. S. Litshits, V. I. Kulsina. *Vest. rent. i rad.* 40 no. 4 71-72 11-Ag '65

TETRACYCLINE

Effect of tetracycline on the content of hydrocortisone in the blood in guinea pigs. A. M. Dumova, E. A. Prokudina. *Antibiotiki* 10 no. 9 842-845 S '65

Lability of the neuromuscular apparatus in infectious nonspecific polyarthritis and its changes following treatment with tetracycline and medicinal mud. G. S. Ercmenko, F. I. Ercmenko. *Sov. med.* 28 no. 9 38-45 S '65

Mechanism of tetracycline biosynthesis. N. V. Orlova. *Antibiotiki* 10 no. 7 551-571 11-Ag '65

TETRACYCLINE—PHYSIOLOGICAL EFFECT

Effect of tetracycline and oxytetracycline on the function of adrenal glands. A. M. Dumova. *Antibiotiki* 10 no. 7 647-650 11-Ag '65

Effect of tetracycline on the glycogen-forming function of the liver and the intestinal microflora in white mice. T. F. Koshik, A. P. Grishin. *Antibiotiki* 10 no. 7 636-640 11-Ag '65

Effect of tetracyclines on the heart in an experiment based on electrocardiographic data. I. U. E. Strel'nikov. *Antibiotiki* 10 no. 7 650-656 11-Ag '65

TEXTILE CHEMISTRY

Imparting decay and fading resistance properties to cellulose materials. G. K. Stergia, B. I. Aikhodzhaev, I. U. L. Pogosev. *Tekst. prom.* 25 no. 8 12-14 Ag '65

TEXTILE FABRICS

Aid for students of correspondence courses in the "Study of textiles used in the manufacture of clothing." I. S. Morozovskaya. *Shvein. prom.* no. 4 39-41 11-Ag '65

Aspects and analysis of the utilization of fabrics in the manufacture of clothing. H. I. Semenov. *Leh. prom.* no. 3 83-88 11-S '65

TEXTILE FABRICS—CLASSIFICATION

Classification of clothing and materials for their manufacture. P. A. Kolesnikov. *Shvein. prom.* no. 4 5-7 11-Ag '65

TEXTILE FABRICS—ELASTIC PROPERTIES

Effect of the elasticity of fabrics on the shape retaining by garments during their wear. N. I. A. Tret'nikova. *Shvein. prom.* no. 4 27-29 11-Ag '65

TEXTILE FABRICS—EXHIBITIONS

New structures and finishing of textile fabrics. G. Dominikala. *Inform. buil. VDNKH* no. 9 16 S '65

TEXTILE FABRICS—MICROBIOLOGY

Method for the protection of textiles against microbiological destruction. N. V. Kalugin, I. A. Ermilova. *Zav. vys. ucheb. zav., tekhn. tekst. prom.* no. 4 30-36 '65

TEXTILE FABRICS—TESTING

Comparison study of some physical properties of linen, cotton, and rayon staple fabrics affecting their hygienic characteristics. I. M. Ivanukova. *Zav. vys. ucheb. zav., tekhn. tekst. prom.* no. 1 23-29 '65

Friction, the main cause of the wear of the cut edges in clothing. A. M. Ryzhnikova. *Zav. vys. ucheb. zav., tekhn. tekst. prom.* no. 1 22-28 '65

Methods and devices for measuring the heat insulating properties of fabrics for clothing. L. I. Tret'nikova. *Leh. prom.* no. 3 11-18 11-S '65

Relation between the elastic properties and elastic characteristics of half-woolen worsted cloth. V. I. Tikhomirova, L. G. Lettes. *Zav. vys. ucheb. zav., tekhn. tekst. prom.* no. 4 12-16 '65

TEXTILE FACTORIES

Air conditioning of capron factories. L. S. Kazanskaya. *Vod. i san. tekhn.* no. 9 16-20 S '65

TEXTILE FACTORIES—HEATING AND VENTILATION

A new ventilation for viscose factories. V. D. Krantsfel'd. *Vod. i san. tekhn.* no. 9 21-25 S '65

TEXTILE FIBERS—TESTING

Characteristics of fiber fatigue due to cyclic bending. A. Navasaltene, I. Idrunus. *Zav. vys. ucheb. zav., tekhn. tekst. prom.* no. 4 20-34 '65

TEXTILE FIBERS, SYNTHETIC

Accounting for the factor of anisotropy in the study of strain thermodynamics in oriented fibers. V. V. Guzev, I. U. M. Malinetskii. *Vysokom. soed.* 7 no. 5 915-918 My '65

Adhesion of latex elastomers to the films of fiber-forming polymers. F. T. Ustinova, S. S. Volutskii. *Zav. vys. ucheb. zav., tekhn. tekst. prom.* no. 1 16-22 '65

Meos, A. I., and L. A. Vol'f. [New synthetic fibers, production of fibers from polyvinyl alcohol] *Novye sinteticheskie volokna, proizvodstvo volokon iz polivinilovogo spilita*, [Leningrad] Lenzdat, 1965, 50 p.

Potentialities for increasing the profitability of new chemical enterprises. E. Mamchenkov. *Fin. SSSR* 30 no. 9 19-23 S '65

Processing of capron and lavsan fibers with the equipment for cotton manufacture. B. I. Sokolov. *Leh. prom.* no. 3 13-16 11-S '65

Processing of nitron to yarn in the Sverdlovsk Woolen and Worsted Combine. T. V. Semenova, M. G. Khachatryan, L. I. Shit'skher. *Tekst. prom.* 25 no. 8 82-84 Ag '65

Reinforced concrete structural elements of synthetic fiber plants. T. V. Rubetskaia, S. A. Alekseev, S. S. Chulikov. *Bet. i zhel.-bet.* 11 no. 9 12-16 S '65

Synthesis and study of a fiber-forming polyamide based on 1, 4-cyclohexane-bis-methylamine. G. I. Kudriavtsov, G. P. Lubomirskaya, I. I. Shatin. *Vysokom. soed.* 7 no. 8 1447-1451 Ag '65

Use of synthetic fibers reclaimed from the cord of worn tires. I. I. Tugov, L. L. Gochkovskaya. *Tekst. prom.* 25 no. 8 6-8 Ag '65

Using the method of controlled breaking in the stapling of synthetic fiber tow. V. E. Slyvakov. *Tekst. prom.* 26 no. 8 20-23 Ag '65

TEXTILE FIBERS, SYNTHETIC—MICROBIOLOGY

Imparting antibacterial properties to fibers. L. A. Vol'f. *Tekst. prom.* 25 no. 8 9-11 Ag '65

TEXTILE FIBERS, SYNTHETIC—TECHNOLOGICAL INNOVATIONS see subdivision under Kiev

TEXTILE FINISHING

Carefully train colorists and finishers. V. I. Shevchenko. *Tekst. prom.* 25 no. 8 81-82 Ag '65

Imparting antibacterial properties to fibers. L. A. Vol'f. *Tekst. prom.* 25 no. 8 9-11 Ag '65

Studying the efficiency of the action of various precondensates in the combined dyeing and finishing process. T. D. Zakharova, P. V. Moryganov. *Zav. vys. ucheb. zav., tekhn. tekst. prom.* no. 4 103-111 '65

TEXTILE INDUSTRY see subdivision under Ivanovo, Kazakhstan

TEXTILE INDUSTRY—ACCOUNTING

Importance of the Index of the utilization of the operative capacity of driers. I. U. F. Charps. *Tekst. prom.* 25 no. 8 4-6 Ag '65

TEXTILE INDUSTRY—COSTS

Comparing raw material expenditure in the production of textile with the woven and nonwoven method. Kh. I. Tserlin. *Zav. vys. ucheb. zav., tekhn. tekst. prom.* no. 4 3-6 '65

TEXTILE INDUSTRY—HYGIENIC ASPECTS

Needs of textile workers. E. Semenov. *Okhr. truda i sots. strakh.* 8 no. 9 33-34 S '65

TEXTILE INDUSTRY—LABOR PRODUCTIVITY see subdivision under White Russia

TEXTILE INDUSTRY—QUALITY CONTROL

(see also subdivision under Kalinin)

Need for a revision of the methods for determining evenness in textiles. I. U. S. Vinogradov. *Tekst. prom.* 25 no. 8 70-81 Ag '65

TEXTILE INDUSTRY—STATISTICS

Materials on the statistics of the textile industry of the U.S.S.R. *Tekst. prom.* 25 no. 8 93-97 Ag '65

TEXTILE INDUSTRY—STUDY AND TEACHING

Carefully train colorists and finishers. V. I. Shevchenko. *Tekst. prom.* 25 no. 8 81-82 Ag '65

TEXTILE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Experience of the organization of the Scientific and Technical Society of the Light Industry in the organization of public contest shows. *Shvein. prom.* no. 4 32 11-Ag '65

In the State Committee on Light Industry of the State Planning Commission of the U.S.S.R. *Tekst. prom.* 25 no. 8 93-94 Ag '65

TEXTILE MACHINERY

Analyzing the work of the slack-washing and treatment machines of the bleaching machinery units. V. I. Korenko. *Tekst. prom.* 25 no. 8 53-56 Ag '65

Some of the new trends in the design of dyeing and stretching machines for woollens. V. M. Korotkov, V. G. Kolodiev. *Zav. vys. ucheb. zav., tekhn. tekst. prom.* no. 4 150-163 '65

TEXTILE MACHINERY—MAINTENANCE AND REPAIR

Organization of equipment repairs and technical assistance. M. G. Sobolev. *Zav. vys. ucheb. zav., tekhn. tekst. prom.* no. 1 7-11 '65

TEXTILE PRINTING

Use of active dyes in resist printing on cotton for insoluble high oxygen dyes. N. I. Prokopenko, A. A. Kharitshova, E. N. Ryvkina. *Tekst. prom.* 25 no. 8 14-16 Ag '65

TEXTILE RESEARCH

Weight of present-day clothing and trends in the research on the means to reduce it. M. Kh. Klyucheva. *Shvein. prom.* no. 4 8-12 11-Ag '65

TEXTOLITE

Textolite shafts for bending stapleless steel pipes. M. A. Zaslavskii, I. A. V. Rozumovskaya, T. M. Shchegoleva. *Mont. i spets. rab. v nitel.* 27 no. 5 24 11-Ag '65

THALLIUM

Determination of thallium(I) by potentiometric titration using the current with two indicator electrodes. O. A. Songina, I. S. Khalitova. *Zav. AN Kazakh. Ser. khim. nauk* 15 no. 2 15-19 Ap.-Iy '65

THALLIUM—ANALYSIS

Photometric microdetermination of potassium, rubidium, cesium, and univalent thallium as diphenyl azides. D. S. Gorbunov-Germanov, I. A. Zerkova. *Zhurnal khim.* 20 no. 9 1020-1022 '65

THALLIUM COMPOUNDS

Simultaneous determination of carbon, hydrogen, and thallium in complex compounds. A. I. Chelobov, A. I. Nikolayeva, L. V. Shikhanov. *Zhurnal khim.* 20 no. 9 1032-1035 '65

THALLIUM-MERCURY ALLOYS see Mercury-thallium alloys

THEATER

(see also subdivision under Armonia, Brant, Frankfurt, France; Kiev; Kuybyshev, Leningrad; Lithuania, Milan; Montreal; Moscow, Prague; Rumania)

Cities and theaters. *Teatr* 26 no. 9 122 S '65

Lapkin, G. A. [Pushkin on the playbill] *Ma Afisha - Pushkin*. Leningrad, Izdastvo, 1965, 157 p.

Répertoire of theaters in 1964. *Teatr* 26 no. 9 111 11-S '65

THEATER—DICTIONARIES

[Theatrical encyclopedia] *Teatral'naya Entsiklopediya*. Glav. red. P. A. Markov. Chleny red. kollegii: G. B. Bolodichev i dr. Moskva, Sovetskaya Entsiklopediya Vol. 4. Nezhin - Sirov, 1965, 1152 columns (Entsiklopedii, slovari, spravochniki)

THEATER—PRODUCTION AND DIRECTION

How I found myself on the staircase. Georgii Gerasimovskii. *Teatr* 26 no. 9 113 S '65

THEATERS see subdivision under Baku

THEILERIASE

Treating theileriasis in cattle. A. M. Soldatchenko. *Veterinarnii* 42 no. 7 47 11 '65

THEODOLITES

The new TGO and TGS mine theodolites. A. I. Volkov. *Zv. TPI* 110 146-52 '63

Novogams for determining average errors due to incorrect centering of theodolites and signals in the measurement of horizontal angles. G. F. Lyasov. *Zv. TPI* 110 70-73 '63

THEORY OF ERRORS see Errors, Theory of

THEORY OF GROUPS see Groups, Theory of

THEORY OF KNOWLEDGE see Knowledge, Theory of

THEORY OF NUMBERS see Numbers, Theory of

THEORY OF OPPOSITION see Opposition, Theory of

THEORY OF POTENTIAL see Potential, Theory of

THEORY OF SIMILITUDES see Similitudes, Theory of

THEORY OF WAVE MOTION see Wave motion, Theory of

THERAPEUTICS

Results of compound therapy of ulcers of the stomach and duodenum at a prophylactic sanatorium. I. P. Slobinov. *Sov. med.* 20 no. 9:100-103 S '65

Treatment of chronic reactive stasis. I. N. Babrova. *Probl. obshch. i sud. psikh.* no. 14:211-221 '63

THERAPEUTICS, PHYSIOLOGICAL

(see also subdivision under Traskavets, Ukraine)
Balneological physical therapy in vascular diseases of the brain. D. G. Shefer, M. F. Molin. *Vop. kur., fizioter. i lech. fiz. kul't.* 29 no. 1:289-297 J1-Ag '64

THERMAL ANALYSES

Method of thermal analytical studies. L. A. Levskii. *Zhur. fiz. khim.* 39 no. 6:1846-1847 Ag '65

Temperature of the principal endothermic effect of kaolinite. G. T. Volosnyuk. *Zap. Vses. nauch. obshch.* 94 no. 4:400-410 '65

Thermodynamic analysis of processes of the autoclave reduction of metals from solutions. S. S. Nabolchenko. *Izv. vys. ucheb. zav., fiz. i tekhn. nauch. i tekhn. nauch. i tekhn.* 8 no. 1:51-57 '65

Thermogravimetric study of the crystallization of nitric NP, a chloroprene rubber. B. A. Teitelbaum, N. P. Anoshina. *Vysokaya speed* 7 no. 6:978-983 Je '65

THERMAL SHOCK see Materials, Effect of temperature on

THERMAL STRESSES

Effect of thermal deformation on the properties of low-carbon steel. I. U. P. Gul', K. N. Mitalovskii, L. M. Pikhlin. *Izv. vys. ucheb. zav., fiz. i tekhn. nauch. i tekhn.* 8 no. 10:110-116 '65

Evaluating thermal stresses in friction units. G. G. Merkova, N. A. Nosov. *Trudy LII* no. 219:12-46 '65

Stressed state of a shell of a revolution at a nonsymmetrical temperature distribution. V. S. Chetaniy. *Trudy LPI* 253:114-124 '65

Temperature difference of rails and air. S. P. Peishin. *Vest. TSNII MIS* 24 no. 5:13-16 '65

Thermal deformations of a thin spherical shell subjected to axisymmetric heating. I. S. Akhmedjanov, I. V. vys. ucheb. zav., av. tekhn. 7 no. 3:40-51 '65

Thermal stresses of flat concrete constructions taking into account their reinforcement. V. G. Oskochin. *Shoi. i stud. MIS* no. 16:101-103 '64

THERMAL WATERS

(see also subdivision under Omsk Province; Petropavlovsk-Kamchatskiy region; Transbaikalia)

Dzhamaev, S. A., R. A. Levkovich, and V. V. Suetov. [Heat of the earth and its practical utilization.] *Tepl. Zemli ego prakticheskoe ispol'zovanie*. Moskva, Nauka, 1965, 108 p.

THERMIONIC EMISSION

Effect of modification on the work function of an electron from titanium dioxide. A. V. Pamfilov, P. G. Bondar', I. A. S. Mazurekovich. *Ukr. khim. zhur.* 31 no. 8:768-771 '65

Sphere method for determining the coefficient of total radiating capacity of oxides. B. P. Kozayev, V. V. Loshakova. *Izv. L'ETI* no. 52:91-99 '64

Trands in the development of thermionic emitters. B. M. Tsarev. *Radiotekhn. i elektron.* 10 no. 9:1555-1573 S '65

THERMISTORS

The M-1 (MTO-1)-type thermistor bridge for the operation with wire bolometers. N. A. Polykh, O. V. Sokolov. *Izv. tekhn.* no. 8:56-57 Ag '65

Udalov, N. P. [Transistor sensing elements] *Poluprovodnikovye datchiki*. Moskva, Energiya, 1965, 238 p.

THERMISTORS—STANDARDS

Methods of standardizing thermistors using in determining the temperature of measuring tapes. G. N. Gushchik. *Izv. TPI* 116:61-69 '63

THERMOCHEMISTRY

Determining the thermodynamic characteristics of cobalt aluminate and cobalt and nickel metatitanates. I. A. Novokhatskiy, L. M. Lenev. *Izv. vys. ucheb. zav.; tevel. met.* 8 no. 4:56-74 '65

THERMOCOUPLES

Determination of inertial characteristics of regular thermocouples. V. I. Fedorov, V. N. Karnozhitskiy, A. P. Mikhukov. *Energ. i elektrotekh. prom.* no. 3:31-33 J1-S '65

Effect of the geometric dimensions of the thermocouples on the characteristics of semiconductor systems in refrigeration plants. V. A. Naev. *Khim. tekhn.* 12 no. 1:19-22 J1-Ag '65

Investigating the process of freezing on thermocouple tips made of zirconium boride. P. S. Kislyi, M. A. Kuznetsova. *Porosh. met.* 5 no. 8:45-49 Ag '65

Thermocouple tips for continuous temperature control in copper smelting furnaces. P. S. Kislyi and others. *Ognesoply* 30 no. 9:36-39 '65

THERMODYNAMICS

Analysis of methods for calculating the adiabatic processes of gas mixing using tables and diagrams. D. D. Kalafati. *Izv. vys. ucheb. zav., energ.* 8 no. 8:52-57 Ag '65

Chernov, A. V., and N. K. Besserebrennikov. [Fundamentals of heat engineering and hydraulics.] *Osnovy teplo-tekhnik i gidravliki*. Pod red. V. S. Shetsko. Moskva, Energiya, 1965, 455 p. diagr. (insert)

Derivation of Wien's formula. I. A. I. Granovskii, A. A. Pantiushin. *Izv. vys. ucheb. zav., fiz.* 8 no. 3:146 '65

Effect of impurities on the singularity of the thermodynamic potential at the liquid-water critical point. I. U. Chashkin, V. V. Gorbunova, A. V. Voronin. *Zhur. eksp. i teor. fiz.* 49 no. 2:433-437 Ag '65

Effect of random inhomogeneities on measurements of the thermoelectric coefficient in a high-magnetic field. V. A. Kudinov, B. A. Molzhes. *Fiz. tsv. tela* 7 no. 8:2309-2317 Ag '65

Efficiency of using the effect of a flow of compressed air in piston pneumatic engines. V. A. Muzim, I. V. vys. ucheb. zav.; gor. zhur. 8 no. 7:153-160 '65

Irreversible-process thermodynamics and the derivation of a differential equation system of molecular transfer. P. V. Tsol. *Inzh.-fiz. zhur.* 8 no. 3:318-322 S '65

On the article "Using classical concepts in the new system of substantiation of the second law of thermodynamics." I. A. Z. Kazavchinskii. *Inzh.-fiz. zhur.* 9 no. 3:409-412 S '65

Physical substance of the concept of technical work capacity. A. F. Kotin. *Izv. vys. ucheb. zav., energ.* 8 no. 7:48-57 J1 '65

Reciprocity principle in irreversible-process thermodynamics. P. K. Konakov. *Inzh.-fiz. zhur.* 9 no. 3:369-376 S '65

Stationary thermal state of spillway dams and nonfiltering foundations in permafrost regions. V. N. Grandidzevskii. *Izv. vys. ucheb. zav., stroit. i arkh.* 8 no. 8:120-113 '65

Steady state of heat-conducting systems. B. N. Birger. *Inzh.-fiz. zhur.* 9 no. 3:358-363 S '65

Use of t-e diagrams for thermodynamic calculations. N. V. Kalinin. *Khim. tekhn.* 42 no. 4:69-70 J1-Ag '65

Using characteristic functions of irreversible-process thermodynamics in determining the parameters of internal heat and mass transfer. A. G. Temkin. *Inzh.-fiz. zhur.* 9 no. 3:365-371 S '65

Using generalized Mises variables in the problem of propagation of plane thermal jets in a noncompressible fluid. F. A. Ilev. *Trudy LPI* no. 248:110-112 '65

Using the methods of irreversible-process thermodynamics in investigating heat and mass transfer. A. V. Lykov. *Inzh.-fiz. zhur.* 9 no. 3:297-304 S '65

Veinik, A. I. [Thermodynamics] *Termodynamika*. 2. Izd., perer. i dop. Minsk, Vysshaya shkola, 1965, 402 p.

THERMOELASTICITY
Kovalenko, A. D. [Introduction to thermoelasticity.] *Vvedenie v termoeprugost'*. Kiev, Naukova dumka, 1965, 201 p.

Straining thin-walled structures working in an elastoplastic deformation zone during heating. R. I. Vinogradov, O. N. Lento. *Izv. vys. ucheb. zav., av. tekhn.* 7 no. 3:52-58 '65

Some two-dimensional thermoelasticity problems involving periodic influence of heat. B. G. Korotkov. *Dokl. AN SSSR* 104 no. 2:204-207 S '65

THERMOELECTRIC GENERATORS
Use of thermoelectric generators for feeding cathodic protection installations. M. A. Dvorovoi. *Shoi. tr. oboprov.* 10 no. 2:25-26 S '65

Vinogradov, L. V. [Power engineering of tomorrow] *Energetika zavtrashnego dnia*. Moskva, Voenizdat, 1965, 76 p. (Nauchno-popularnaya biblioteka voennogo izdatel'stva)

THERMOELECTRICITY
Thermoelectric properties of solid solutions of antimony with arsenic. N. Kh. Abrikosov and others. *Izv. AN SSSR, Neorg. met.* 1 no. 7:1021-1024 J1 '65

Vinogradov, L. V. [Power engineering of tomorrow] *Energetika zavtrashnego dnia*. Moskva, Voenizdat, 1965, 76 p. (Nauchno-popularnaya biblioteka voennogo izdatel'stva)

THERMOMETERS

Methods for compensating the scattering of the characteristics of thermometallic sensing elements. L. A. Shestopalov. *Trudy NIIMTP* no. 11:88-100 '65

A quick-response thermal receiver for manometric thermometers. L. S. Kleban, I. M. Shendelovich. *Trudy NIIMTP* no. 14:109-112 '65

Using resistance thermometers in testing motor vehicle engines. I. U. G. Gornushkin. *Avi. prom.* 31 no. 9:12-11 S '65

THERMOMETERS—TESTING

Using the method of equivalent pressure drop in testing pickups of braking temperature. B. S. Vinogradov, M. D. Ermolaev. *Izv. vys. ucheb. zav., av. tekhn.* 7 no. 3:157-162 '65

THERMOMETERS AND THERMOMETRY, MEDICAL

Skin thermometry and arthrography in obliterating endarteritis. M. F. Musin. *Nauch. trudy Kaz. gos. med. inst.* 11:193-404 '63

Thermograph recording temperature at four points. E. F. Shkatov, F. I. Kuznetsov, A. A. Baranov. *Pat. fiziol. i eksp. terap.* 9 no. 4:93-94 J1-Ag '65

THERMOMETRY

(see also subdivision under Dolina Oil Field)

Determination of inertial characteristics of regular thermocouples. V. I. Fedorov, V. N. Karnozhitskiy, A. P. Mikhukov. *Energ. i elektrotekh. prom.* no. 3:31-33 J1-S '65

Measuring temperature of the outside surfaces of an operating machine with electronic thermometers. N. T. Kostuchenko, V. P. Mischechenko, G. M. Smirnov. *Gor. zhur.* no. 9:73 S '65

THERMOPLASTICS

Durability of pipes from thermoplastic materials. D. D. Kagan. *Vod. i san. tekhn.* no. 9:30-35 S '65

Experimental plastic absorption refrigerator operating on gas. M. I. Khil'tova, V. G. Ilyushin, I. P. Ilyushin. *Nauch. trudy Kaz. gos. med. inst.* 11:193-404 '63

Lining of the inner surface of pipes in the electrostatic field. A. I. Safonov, L. A. Pribylovskii, V. D. Samonov. *Plast. massy* no. 8:56-59 '65

New automatic machines TP500A for the manufacture of thermoplastics. N. I. Naiguz, G. A. Pleshchenko, L. L. Udler. *Plast. massy* no. 9:40-51 '65

Studying some thermoplastic properties of nylon fabrics. I. P. Turchinskaya, A. I. Pavlov. *Izv. vys. ucheb. zav., tekhn. i fiz. nauch.* no. 1:55-59 '65

Theory of the calendaring of thermoplastics. K. S. Malenkov. *Khim. mashinost.* no. 1:82-91 '65

THERMOSTAT

Semiconductor thermostat for radioelectronic systems. I. U. E. Spokoiniy, A. L. Valner, Z. M. Chuplik. *Khim. tekhn.* no. 1:10-18 '65

THIAMINE

Importance of the vitamin B₁ balance in operations of a cleft upper lip and palate in children. A. A. Kabulchikov. *Nauch. trudy Kaz. gos. med. inst.* 14:443-444 '64

THIAZOLE

2-Azylamino-4-phenyl-5-benzoylthiazoles. Z. M. Zlotina and others. *Dokl. AN SSSR* 164 no. 1:106-109 S '65

THICKNESS MEASUREMENT

Radioactive device for thickness control during automatic sheet-metal work. A. E. Aites, N. Zhan, V. K. Nikiforov. *Kuz. salit. prom.* 7 no. 8:9-13 Ag '65

THIOCYANATES

Distribution of hafnium thiocyanates during their extraction with acetophenone. A. I. Orlov, I. V. Vinarov, L. M. Burtchenko. *Ukr. khim. zhur.* 31 no. 8:775-777 '65

THIOLS

Peracetylmethylthiol and methylperacetylmethylthiol sulfide. A. N. Nosmetanov and others. *Izv. AN SSSR Ser. khim.* no. 9:1896-1897 '65

General mechanism of the radioprotective action of amino thiols and analogs. L. A. Graevskii and others. *Dokl. AN SSSR* 104 no. 2:441-441 S '65

THIOPHOSPHATES

Use of chlorophos and haltes in controlling cherry fruit fly. N. I. Petushova, V. N. Domanuk, V. P. Strekozov. *Khim. v sel. khoz.* 3 no. 8:20 Ag '65

THORACIC SURGERY see Chest—Surgery

THORIUM

(see also subdivision under Kurnetsk Basin)
Direct proof of the existence of a positive charge in absorbed Th atoms. I. U. S. Vodula, V. M. Gavriluk. *Fiz. tsv. tela* 7 no. 8:2547-2549 Ag '65

Two genetic types of postmagmatic thorium-rare-earth deposits. V. A. Nevskii, P. S. Kozlova, Atom. energ. 19 no. 3:277-281 S '65

THOUGHT AND THINKING

Characteristics of disorders of thinking in patients with the paranoiac variant of paranoid schizophrenia. Clinical psychological study. E. V. Trukhan. Trudy Gos. nauch.-issl. inst. psikh. 43:198-206 '65.

Kryzhanovskiy, S. B. [Genesis of the forms and laws of thinking] *Genesis form i zakony mysleniya*. Kiev, Vyd-vo Akad. nauk. URSS, 1962. 123 p. (NN)

Models, sentences, and actions, or the act of selection in various stages of the thinking process. M. N. Vlasov. Uchenye zapiski MGPI no. 223:216-221 '65.

Role of experimental psychological study in the evaluation of disorders of thinking in children. E. S. Mandrusova. Trudy Gos. nauch.-issl. inst. psikh. 43:200-208 '65.

THREE BODIES, PROBLEM OF see Problems of three bodies

THRESHING MACHINES

Effect of the design characteristics of the concave of a threshing machine on the quality of pea threshing. I. U. I. Gorbaleto, M. G. Peikin. Vest sel'khoz. nauk. (Kazakh.) 8 no. 8:95-101 Ag '65.

Mechanized threshing floor. G. Bulanovich. Tekh. v sel'khoz. 25 no. 9:8-10 S '65.

Threshing machine for castor beans. A. Roi. Tekh. v sel'khoz. 25 no. 9:47-48 S '65.

Using plate thresher for threshing castor plant seeds. A. A. Roi, A. G. Karapetian. Buil. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 18 no. 7:40-46 J1 '65.

THROMBIN

Antithrombin activity of the blood plasma under the influences of various factors on the function of the pancreas in dogs. I. F. Spitsyn. Pat. fiziol. i eksp. terap. 9 no. 4:51-54 J1-Ag '65.

THROMBOPHLEBITIS

Difference between thrombophlebitis of the superficial cutaneous veins in the thoracoepigastric region and the intracutaneous metastasis of breast cancer. I. U. A. Poluektov. Vop. onk. 11 no. 7:68-84 '65.

Electrical field of ultrahigh frequency in the compound treatment of thrombophlebitis. S. M. Vitushkina. Vop. kur. i fizioter. i lech. fiz. kul't. 30 no. 4:338-341 J1-Ag '65.

Some data on the clinical and morphological aspects of Chlari's disease. N. I. Semenov and others. Sov. med. 28 no. 8:26-31 Ag '65.

THROMBOSIS

Effect of various doses of adrenaline and gamma amino-butyric acid on the arteriovenous difference in blood clotting, prothrombin time and thrombolytic activity. K. G. Karagezian, S. S. Saatian. Vop. biokhim. moz. 1:163-172 '64.

Method of producing experimental thrombosis of the mesenteric vessels. N. I. Artemkina. Pat. fiziol. i eksp. terap. 9 no. 3:79 My-Je '65.

THUNDERSTORMS

(see also subdivision under Africa)

Diurnal and annual variation of thunderstorm activity in the north of the Atlantic Ocean and seas of western Europe and the Far East. V. A. Solov'ev. Meteor. i gidrol. no. 10:32-36 O '65.

THYMUS GLAND

Electron microscopic study of the thymus cell ultrastructure in mice of the C57BL line in irradiation-induced leukemia. A. S. Shubin, M. T. Turgunov. Buil. eksp. biol. i med. 60 no. 8:110-111 Ag '65.

THYROID GLAND

Age-related morphological characteristics of the thyroid gland in the endemic goiter foci of the Adzhar A. S. S. R. I. U. T. Skhoidze. Sobr. AN Gruz. SSR 38 no. 2:435-439 My '65.

Change in the secretory activity of the thyroid gland following whole-body X-ray irradiation. V. K. Kalina. Radiobiologiya 5 no. 4:525-527 '65.

Interrelations between the rate of growth of Jensen's sarcoma and the state of the thyroid function. V. I. Arkhipenko. Pat. fiziol. i eksp. terap. 9 no. 3:63-64 My-Je '65.

THYROID GLAND—CANCER

Characteristics of a strain of transplanted tumor of the thyroid gland in rats. N. P. Dmitrieva, T. P. Lashinova. Vop. onk. 11 no. 7:77-81 '65.

Scope of operative intervention in so-called lateral aberrant strumas. Kh. A. Tihvel', R. I. Vagner. Vop. onk. 11 no. 7:94-100 '65.

THYROID GLAND—DISEASES

Gamma-ray profile in radioisotope examination of the thyroid gland. D. G. Palinkash. Med. rad. 0 no. 11:36-40 N '64.

THYROID GLAND—SURGERY

Changes in the cholinergic reaction of the blood in dogs following a thyroidectomy. N. V. Fedorova, A. N. Iunakova. Nauch. trudy Kaz. gos. med. inst. 14:311-313 '64.

Effect of the removal of the thyroid gland on the chromatin activity of the medullar substance of the adrenal glands. A. N. Iunakova. Nauch. trudy Kaz. gos. med. inst. 14:329-331 '64.

Prophylaxis of a postoperative thyrotoxic crisis. I. I. Nelmark, A. S. Birman. Sov. med. 28 no. 8:84-87 Ag '65.

Reparative processes in the thyroid gland after considerable periods following its resection. A. A. Votkevich. Dokl. AN SSSR 164 no. 1:234-237 S '65.

Scope of operative intervention in so-called lateral aberrant strumas. Kh. A. Tihvel', R. I. Vagner. Vop. onk. 11 no. 7:94-100 '65.

THYROID HORMONES

Some problems of the biosynthesis and metabolism of thyroid hormones in health and pathology. L. A. Kolli. Sov. vop. endok. no. 2:50-58 '63.

TICKS see subdivision under Turkmenistan

TICKS—ANATOMY

Structure of the cuticle in some ixodid ticks. V. A. Tsvilenova, V. F. Mashanskii. Izv. AN SSSR. Ser. biol. no. 5:787-792 S-O '65.

TICKS AS CARRIERS OF DISEASE

(see also subdivision under Buryat A. S. S. R.)

Occurrence of the tick *Dermoglyphus minor* (Nörner, 1882) Trouessart 1886 in hens of the White Russian S. S. R. L. F. Golovneva. Dokl. AN BSSR 0 no. 7:495-496 J1 '65.

TIDAL WAVES

Problem of the tsunami in a heterogeneous sea. L. V. Cherkosov. Izv. AN SSSR. Fiz. atm. i okean. 1 no. 9:861-871 Ag '65.

TIDES—BOUNDARY VALUE PROBLEMS

Calculation of the characteristics of tidal fluctuations by the "boundary value" method. V. B. Rzhonsnitskii. Trudy GOIN no. 88:95-99 '65.

TIENTS—GEOLOGY, STRUCTURAL

Tectonic and magmatic conditions governing the formation of Upper Paleozoic alkali rocks in the western part of the central Tien Shan. T. V. Molchanova. Buil. MOIP. Otd. geol. 40 no. 4:32-45 J1-Ag '65.

TIENTS—GRANITE

Two phases of granites in the Tien Shan and Alay Ranges. Z. M. Liashkevich, I. A. Maslinskii. Zap. Tadzh. otd. Vses. min. ob-va no. 2:107-111 '64.

TIENTS—ROCKS, IGNEOUS

Tectonic and magmatic conditions governing the formation of Upper Paleozoic alkali rocks in the western part of the central Tien Shan. T. V. Molchanova. Buil. MOIP. Otd. geol. 40 no. 4:32-45 J1-Ag '65.

TILES—TECHNOLOGY—INFORMATION SERVICES

Forms and methods of promoting advanced practices at the S. M. Kirov Machine Tool Plant in Tbilisi. G. M. Gorbatenko. NTI no. 8:23-24 '65.

TILES

Acid-resistant ceramic tiles for lining the equipment used in bleaching wood pulp by chlorine dioxide. R. K. Kordonskaya. Stek. i ker. 22 no. 9:2-4 S '65.

Possibility of expanding the supply of raw materials for the production of faience tiles. E. L. Gumeniuk, E. L. Krushel', Ch. A. Stepanova. Stek. i ker. 22 no. 7:16-18 J1 '65.

Rapid glaze firing of enameled glass tablets in gas kilns. E. I. Nikolaev and others. Stek. i ker. 22 no. 9:36-39 S '65.

TILLAGE

(see also subdivision under United States)

Effectiveness of fertilizers and tillage as related to the biological characteristics of row crops. V. V. Gritsenko. Izv. TSKHA no. 2:59-67 '65.

TIME MEASUREMENTS

How time is measured. I. A. Shur. Nov. vrem. 23 no. 40:27 O '65.

TIME PERCEPTION

Ways of the formulation by man of the consecutiveness of action. N. A. Rokotova. Probl. kosm. biol. 4:631-641 '65.

TIME STUDY

(see also subdivision under Kuznetsk Basin Economic region; Middle Ural Economic region)

Eliminate the shortcomings in work organization. M. T. Ivanova. Gidroliz. i lesokhim. prom. 18 no. 6:15 '65. A foreman's workday. V. Tybinka. Sots. trud. 10 no. 8:57-58 '65.

Methods for studying the expenditure of working time. Sots. trud. 10 no. 8:121-123 '65.

Structure of the expenditure of time as an important criterion for the level of labor and production organization. V. Zaitin. Sots. trud. 10 no. 8:32-35 '65.

Use of the interbranch balance for determining total labor expenditure in production. D. I. A. Komarov. Osh. po sovr. nov. i zarub. ekon. no. 1:8-31 '65.

Use of the interbranch balance of labor in planning. V. K. Ilukov. Trudy INKH no. 37:13-20 '65.

Working out a method for determining the amount of labor expended for the manufacture of individual articles in relation to the national economy. I. I. Komarov. Osh. po sovr. nov. i zarub. ekon. no. 1:12-51 '65.

TIMIRIAZEV, KLIMENT ARKAD'EVICH, 1813-1920

Kolodzhyniy, V. I. [Methodological problems in the work of K. A. Timiriazev and the problems of modern biology] *Voprosy metodologii v trudakh K. A. Timiriazeva i problemy sovremennoi biologii*. Kiev, Naukova dumka, 1965. 249 p.

TIN

Control of the tin content in ores and ore dressing products by applying the Mosbauer effect. A. A. Fedotkin, N. Salukhtilov. Izv. vuz. ucheb. zav. i inst. met. 0 no. 9:150-163 '65.

Diffusion of tin into gallium arsenide. I. D. Il'ov, I. A. Moskin. Izv. vuz. ucheb. zav. i inst. met. 8 no. 1:84-92 '65.

TIN—ANALYSIS

Rapid determination of the tin and antimony content of ores and of the products of their concentration. B. V. Nikitin. Zav. lab. 31 no. 8:866-868 '65.

TIN—METALLURGY

Indium distribution in the products of tin ore dressing and smelting conversion in tin plants. V. V. Pishchinskii. Tsvet. met. 30 no. 8:89-90 Ag '65.

TIN—TESTING

Viscosity of tin and of its alloys with nickel. N. M. Deeva and others. Izv. vuz. ucheb. zav. i inst. met. 8 no. 9:8-12 '65.

TIN-BISMUTH-LEAD ALLOYS see Lead-tin-bismuth alloys

TIN CANS

Methods for determining the porosity of lacquer films on tin plate. L. I. Kudamor, T. O. Dik, V. K. Kabanov. Khark. prom. no. 3:35-38 J1-S '65.

TIN ISOTOPES

Analysis of the variation in the charge radius of the Sn^{119} nucleus based on the Mosbauer spectrum. F. D. Baisuker, V. I. Gol'danskii, I. F. Makarov. Zhur. eksp. i teor. fiz. 49 no. 2:699-700 Ag '65.

TIN-NICKEL ALLOYS—TESTING

Viscosity of tin and of its alloys with nickel. N. M. Deeva and others. Izv. vuz. ucheb. zav. i inst. met. 8 no. 9:8-12 '65.

TIN ORES see subdivision under Yankutia

TIN PLATING

Problems of the economy of producing various types of tin sheet steel. T. A. Vishnevskaya. Sots. trud. 10 no. 8:137-142 '65.

X-ray investigation of residual stresses in tin coatings. D. M. Vasil'ev, V. K. Glazunov. Izv. vuz. ucheb. zav. i inst. met. 8 no. 9:151-154 '65.

TIN TELLURIDE—ELECTRIC PROPERTIES

Model of $SnTe$ band structure. B. A. Litmanovich and others. Fiz. tver. tela 7 no. 8:2524-2527 Ag '65.

TIN TELLURIDE—THERMAL PROPERTIES

Phase transitions in $SnTe$. S. I. Novikova, I. I. Zhel'mova. Fiz. tver. tela 7 no. 8:2544-2545 Ag '65.

TINAKI (ASTRAKHAN PROVINCE)—HEALTH RESOURCES, WATERING PLACES, ETC.

Immediate and late results of treating patients with obliterating endarteritis at the Tinkhi health resort. A. S. Anapov. Vop. kur. i fizioter. i lech. fiz. kul't. 30 no. 4:335-338 J1-Ag '65.

TIRE FABRICS

[Industrial fabrics and their use] *Tekhnicheskoe tkani i ikh primeneniye*. [By] Z. M. Kozzyrova i dr. Moskva, Legkaya industriya, 1965. 261 p.

Use of synthetic fibers reclaimed from the cord of worn tires. I. I. Tugov, L. L. Gorkhovskaya. Tekst. prom. 25 no. 8:8-8 Ag '65.

TIRES, RUBBER

Compound for the automatic greasing of the inside surface of tires. T. L. Balashova and others. Nauch. i rez. 24 no. 5:50 My '65.

An important cause for a premature wear of tires. V. Ilarionov, Avt. transp. 43 no. 9:38-40 S '65.

TSHINKA (ALTAI TERRITORY)—PYRITES

Supergene pyrite in ores of the Tshinka deposit. Kh. A. Respayev, M. S. Shnaider. Vest AN Kazakh SSR 21 no. 9 81-83 S '65

TISSUE CULTURE

Biological characteristics of Mycoplasma polluting tissue cultures. I. V. Radvinskaya. Vest. AMN SSSR 20 no. 8 50-54 '65.

Cerebellar cortex cells of adult mammals under supra-vital conditions. V. I. Shungayra, S. O. Elenko. TSitologiya 6 no. 3 360-362 My-Je '64.

Comparative characteristics of the cytopathogenic effect of various types of L-form bacteria and Mycoplasma in tissue culture. G. I. A. Kagan and others. Vest. AMN SSSR 20 no. 8 60-74 '65.

Comparative immunobiological characteristics of normal tissue anhidrosis. M. S. Lomakin, S. V. Filizhina, L. L. Khundanova. Biol. eksp. biol. i med. 60 no. 8 92-93 Ag '65.

Cytochemical and luminescence microscopic study of nerve cells in a tissue culture. A. M. Arefeva and others. TSitologiya 7 no. 4 531-537 Ji-Ag '65.

Cytophagy and pinocytosis, some considerations in the light of data obtained from studying tissue cultures. A. N. Mosolov, P. I. Ershov. Izv. SO AN SSSR no. 8. Ser. biol.-med. nauk no. 2 130-137 '65.

Duration of mitosis and the mitotic cycle in an amniotic cell culture. V. V. Tetsikh. TSitologiya 6 no. 3 352-355 My-Je '64.

Effect of bacterial toxins on tissue cultures. G. I. Arkad'eva. Zhur. mikrobiol., epid. i immun. 42 no. 8 67-72 Ag '65.

Effect of γ -irradiation with 25-50 r doses on nuclear structures of human cells in a tissue culture. V. M. Kozlov. Radiobiologiya 5 no. 4 543-546 '65.

Histochemical and electron microscopic study of the development of photoreceptive cells in a tissue culture. V. I. Gvardovskii, T. A. Khakkeevich. Arkh. anat., gist. i embriol. 49 no. 8 50-55 Ag '65.

Histochemical changes in cultures of human lymphatic nodes under the influence of blood serum and extract from leucocytes of patients with leukemia. N. M. Chistova. Vop. onk. 11 no. 7 47-52 '65.

Morphology of Mycoplasma-type micro-organisms, isolated from tissue cultures. L. A. Trunova and others. Izv. SO AN SSSR no. 8. Ser. biol.-med. nauk no. 2 148-155 '65.

Study of the specificity of cytotoxic serums by the tissue culture method. L. I. Buzhenko. Pat. fiziol. i eksp. terap. 0 no. 4 30-43 Ji-Ag '65.

Tissue culture as a model for studying the biological activity of penicillins and macrolide antibiotics. A. F. Zak. Antibiotiki 10 no. 8 733-740 Ag '65.

Water absorption by rat liver tissue in vitro. I. U. M. Madievskii. TSitologiya 6 no. 3 358-362 My-Je '64.

TISSUES

Effect of fixatives on the size of histological elements. B. I. Pehogoritskii. Vest. LGU 20 no. 15 156-158 '65.

TISSUES—ANALYSIS

Modified method for determining β -aminobutyric acid in the urine and tissues of animals. V. K. Mazurik. Lab. delo no. 8 151-155 '65.

TISSUES—PRESERVATION

Method of preserving metachromasia in permanent preparations. G. I. Kutakh, M. G. Shubin. Arkh. anat., gist. i embriol. 49 no. 8 108-109 Ag '65.

Results of the use of plastic packages in tissue preservation. I. U. P. Delovskii, G. A. Shcherbak. Ortop., travm. i protez. 26 no. 8 82-85 Ag '65.

TIT-ARY ISLAND—FOREST ECOLOGY

Restoration of forest flora in the Far North of Eurasia. I. P. Shcherbakov. Izv. SO AN SSSR no. 8. Ser. biol.-med. nauk no. 2 53-61 '65.

TITANIUM

Extraction of titanium and zirconium from sulfate solutions. P. G. Zhuravskii, L. M. Vinzovskaya. Ukr. khim. zhur. 31 no. 8 838-844 '65.

Oxide-reduction potential of the system Ti^{2+}/Ti^{3+} in a $KBr+NaBr$ melt. B. F. Markov, B. P. Podava. Ukr. khim. zhur. 31 no. 8 873-876 '65.

TITANIUM—CORROSION

Determining the stability of IKh18N9T stainless steel and VT-1 titanium in an alloyed indium-gallium medium. G. I. Kiknadze, D. M. Zakharov, L. V. Melnikova. Atom. energ. 19 no. 2 177-178 Ag '65.

Titanium corrosion in magnesium-ammonium sulfate solutions. E. D. Chikhikvadze. Zashch. met. 1 no. 5 595-597 9-O '65.

TITANIUM—ELECTROMETALLURGY

Quality of titanium sponge obtained with the use of various forms of magnetum. V. V. Rodinkin and others. TSvet. met. 38 no. 0 64-68 Ag '65.

TITANIUM—METALLOGRAPHY

Constitution diagram of the system Titanium - phosphorus. V. N. Diemenko, V. E. Litovnychi. Dop. AN URSS no. 9 1176-1179 '65.

TITANIUM ALLOYS

Chemistry of titanium-base solid solutions. B. B. Gulliev. Dokl. AN SSSR 164 no. 3 571-576 S '65.

TITANIUM ALLOYS—HYDROGEN CONTENT

Effect of hydrogen on the structure and properties of the VT15 alloy. B. A. Kolachev and others. Izv. vys. ucheb. zav., tsvet. met. 8 no. 3 131-135 '65.

TITANIUM ALLOYS—METALLOGRAPHY

Investigating the mechanical properties and the structure of titanium alloys during rolling. N. E. Kraemkov and others. TSvet. met. 38 no. 6 84-85 Ag '65.

Metastable phases in titanium alloys. Metalloved. i term. obr. met. no. 8 57-60 '65.

TITANIUM ALLOYS—WELDING

Pores in argon arc welded joints in titanium alloys and measures for preventing them. A. M. Senin, A. P. Sukhotnikov. Svar. proizv. no. 12 24-26 D '63.

TITANIUM-ALUMINUM ALLOYS see Aluminum-titanium alloys

TITANIUM CARBIDES

Carbon diffusion in niobium and titanium carbides. A. V. Shcherbakovskii, A. N. Minkov. Izv. vys. ucheb. zav., tsvet. met. 8 no. 4 123-125 '65.

Precipitation of titanium carbide from the gaseous phase onto the surface of steel. G. A. Semenova, A. N. Minkov. Izv. vys. ucheb. zav., chem. met. 8 no. 9 168-170 '65.

Slip casting of products made of titanium carbide. A. G. Dobrovolskii, E. A. Popichenko. Porosh. met. 5 no. 0 46-52 S '65.

TITANIUM CHLORIDES

Spectroscopic study of the complex formed by natural rubber with titanium tetrachloride. Z. F. Il'icheva, E. N. Kharlamova, N. A. Slovokhotova. Dokl. AN SSSR 164 no. 3 561-563 S '65.

TITANIUM COMPOUNDS

Condensation of α,ω -dihydroxydimethylketones with tetraethyltin. K. A. Andrianov, N. A. Kuzasheva, V. A. Avilov. Izv. AN SSSR Ser. khim. no. 8 1616-1619 '65.

TITANIUM ORES

Characteristics of the composition of titanium-bearing placers and main problems in their treatment. A. D. Bykov. Izv. vys. ucheb. zav., tsvet. met. 8 no. 3 13-16 '65.

Characteristics of the distribution and the form of occurrence of titanium in the weathering surface of basic rocks. N. A. Lisitsyna. Lit. i pol. iskop. no. 1 105-111 Ji-Ag '65.

TITANIUM OXIDES

(see also subdivision under Turgay Gates)

Appearance of electron paramagnetic resonance signals during the low-temperature adsorption of various gases on reduced γ -oxide (TiO_2). A. I. Mashchenko and others. Teoret. i eksper. khim. 1 no. 3 381-385 My-Ju '65.

Coagulation of black sludge in the production of pigment titanium dioxide. A. M. Polnova, L. A. Sokolova. Lakokras. mat. i kh. prim. no. 4 27-28 '65.

Effect of modification on the work function of an electron from titanium dioxide. A. V. Pamfilov, P. G. Bomdar', I. A. S. Mazurkevich. Ukr. khim. zhur. 31 no. 8 768-771 '65.

Modification of rutile titanium dioxide with aluminum, silicon and titanium compounds for the improvement of its physicochemical properties. T. A. Lomolava and others. Lakokras. mat. i kh. prim. no. 3 13-18 '65.

TITANIUM OXIDES—SPECTRA

Quantitative spectral determination of titanium dioxide in rubber compounds. O. P. Galanov and others. Kauch. i rez. 24 no. 5 53 My '65.

TITANIUM SULFIDES

Investigating the interaction of titanium powder with hydrogen sulfide. G. N. Dubrovskaya. Porosh. met. 5 no. 9 6-9 S '65.

TITANIUM-VANADIUM-SILICON ALLOYS

Titanium - vanadium - silicon system. E. I. Gladyshevskii and others. Izv. AN SSSR. Neorg. mat. 1 no. 7: 1115-1120 Ji '68.

TITRATION

Automatic photometric titrations. L. B. Singilian. Zav. lab. 31 no. 8 1030-1031 '65.

Modified methodology for determining aromatic substances in bread. S. P. Druzhobyte'ka, L. M. Kizenko, H. S. Skrypnik. Khar. prom. no. 3 33-34 Ji-S '65.

TOBACCO

Biosynthesis of tobacco alkaloids. G. S. Il'in. Izv. AN SSSR, Ser. biol. no. 5 677-681 9-O '65.

TOBACCO—DISEASES AND PESTS

(see also subdivision under Armenia)
Specialization of Pseudomonas tabaci (Wolf et Hostet) Stevans, the agent of wildfire of tobacco. E. L. Dzhitgali, G. A. Tikhonov. Sob. AN Gruz SSR 38 no. 2 381-396 My '65.

TOILET PREPARATIONS

Method for determining fat and soap content of emulsion creams. A. Kh. Bud'ko, V. A. Vysochin. Maslozhir. prom. 31 no. 0 24-26 S '65.

TOKAREV, SERGEI ALEKSANDROVICH, 1899-

Sergei Aleksandrovich Tokarev; on the occasion of his 65th birthday. M. A. Salimovich. Sov. etn. no. 3 152 153 My-Je '65.

TOLERANCE (ENGINEERING)

Tolerated flexures in carrying structures with suspension conveying systems. I. A. L. Krantsfel'd, I. K. Losovskaya, M. E. Rusanov. Prom. etiol. 43 no. 0 44-45 '65.

TOLSTOI, ALEKSEI NIKOLAEVICH, 1892-1946

Archais words and forms in A. N. Tolstoy's novel "Peter the Great." M. G. Chkhikvadze. Trudy Tbil. GU no. 8 277-290 '64.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910

Stylistic functions of detached attributes. N. E. Ebanidze. Trudy Tbil. GU no. 8 291-297 '64.

TOLUENE

Oxidative ammonolysis of p-tert-butyltoluene. S. D. Mekhtiev, R. G. Rizaev, A. Sh. Novruzova. Dokl. AN Azerb. SSR 21 no. 5 17-18 '65.

Surface ionization of toluene on oxidized molybdenum. O. K. Fomin, M. V. Ikhomirov, N. N. Tunitskii. Kin. i kat. 6 no. 1 631-640 Ji-Ag '65.

TOMATO JUICE—STERILIZATION

Selecting the system of tomato juice sterilization without counter pressure. R. V. Shcheinberg, E. D. Berezniak, L. O. Trostinskaya. Kons. i ov. prom. 20 no. 8 18-22 Ag '65.

TOMATO JUICE—STORAGE

Changes in the vitamin C and carotin content of tomato juice taking place during processing and storage. M. D. Tshichenko and others. Kons. i ov. prom. 20 no. 9 37-39 S '65.

TOMATOES—ANALYSIS

Method for taking average samples of tomato raw materials for determining the content of dry substances with a refractometer. V. N. Kevanishvili and others. Kons. i ov. prom. 20 no. 8 33-35 Ag '65.

TOMATOES—DISEASES AND PESTS see subdivision under Alma-Ata Province

TOMSK—COMMUNIST YOUTH LEAGUE

And what will people say... Larisa Kulikova. Mol. komm. no. 0 42-49 S '65.

TOMSK—SOCIAL PROBLEMS

And what will people say... Larisa Kulikova. Mol. komm. no. 9 42-49 S '65.

TONALITE see subdivision under Ural Mountains

TONGUE—DISEASES

Clinical picture of the tongue in gastritis and peptic ulcer of the stomach and the duodenum. N. F. Skorkina. Nauch. trudy Kaz. gos. med. inst. 14 547-548 '64.
Some data on the clinical aspects and the pathomorphology of glossodynia. R. Kh. Maksudova. Nauch. trudy Kaz. gos. med. inst. 14 471-472 '64.

TONGUE—INNERVATION

Disorders of the functional mobility of the gustatory receptors of the tongue in some diseases of the blood. V. A. Ralskii. Biol. eksp. biol. i med. 60 no. 8 30-43 Ag '65.

TONSILS—DISEASES

(see also subdivision under Kazan)
Preventing angina. N. A. Prochazhenskii. Okhr. truda i sots. strakh. 8 no. 0 26-27 S '65.

TONSILS—INFLAMMATION

Use of physical factors in the compound treatment of chronic tonsillitis in children with rheumatic fever. T. V. Karachevskaya. Vop. kur. i fizioter. i tech. fiz. kul't. 30 no. 4 321-325 Ji-Ag '65.

TONSILS—MICROBIOLOGY

Identification of streptococci isolated from the root canals of teeth with periodontal diseases and tonsils. A. Sh. Gubaidullina, G. Z. Khabirova. Nauch. trudy Kaz. gos. med. inst. 14 153-154 '64.

3772

TRADE UNIONS—CONGRESSES (Continued)

- Invaluable help to the workers. Ahmad Kimal, Vsem prof. dvizh. no. 5 12 S '65.
Preparation for the Sixth International Congress of Trade Unions is in full swing. Vsem. prof. dvizh. no. 5 4 S '65.
Welcome to Warsaw! Ignacy Loga-Sovinski Vsem. prof. dvizh. no. 5 5-6, 8 S '65.
The world labor parliament. P. Efimov, Nov. vsem. 23 no. 42.0-9 O '65.

TRADE UNIONS—OFFICERS

- Sania Sizov, our trade-union group organizer, from a journalist's notebook. A. P. M. Ivanov, Sov. prof. soluzi. 21 no. 17 24-25 S '65.
"The trade-union leader. What I would like him to be?" on the results of a discussion. Sov. prof. soluzi. 21 no. 17:20-23 S '65.

TRADEMARKS

- [Bulletin on inventions and trademarks] Blul. izobr. i tov. znak. 42 nos. 17-18 S '65.

TRAFFIC SAFETY

- Public promotes traffic safety. M. Iurichev, Avt. transp. 43 no. 8:1 Ag '65.
Traffic organization and safety. Avt. transp. 13 no. 9: 43-44 S '65.

TRAILERS, TRUCK see Truck trailers

TRAINING OF EMPLOYEES see Employees, Training of

TRAINING OF TEACHERS see Teachers, Training of

TRANQUILIZING DRUGS

- Effect of "altitude", amiazine and reserpine on arterial pressure in experimental hypertension. M. A. Aliev, Pat. fiziol. i eksp. terap. 9 no. 3:59 My-Je '65.

TRANQUILIZING DRUGS—TOXICOLOGY

- Belloid and bellappon poisonings at home. E. Z. Bronshteyn, E. V. Loseva, Sud.-med. eksp. 8 no. 3:34-35 Ji-S '65.

TRANS-ILI ALATAU—ATMOSPHERIC TEMPERATURE

- Microclimatic characteristics of the formation of the thermal regime of the air on the northern slope of the Trans-Il Alatau. Z. A. Mishchenko, Trudy GGO no. 180 21-46 '65.

TRANS-ILI ALATAU—FRUIT TREES

- Distribution of wild fruit copices in the mountains of the Trans-Il Alatau and Dzhangalians Alatau and the selection of plots for commercial gardens. A. D. Dzhangaliev, G. G. Tsenet, Izv. AN Kazakh SSR Ser. biol. nauk. 3 no. 3 3-10 My-Je '66.

TRANS-ILI ALATAU—MICROCLIMATOLOGY

- Microclimatic characteristics of the formation of the thermal regime of the air on the northern slope of the Trans-Il Alatau. Trudy GGO Z. A. Mishchenko no. 180 21-46 '65.
Wind regime in the lower air layer and its influence on the origin of microclimatic differences on the northern slope of the Trans-Il Alatau. E. N. Romanova, Trudy GGO no. 180:3-20 '65.

TRANS-ILI ALATAU—PETROLOGY

- Petrography of intrusions in the central part of the Trans-Il Alatau. V. K. Monich, V. I. Starov, G. N. Gogel', Trudy Inst. geol. nauk AN Kazakh SSR 12:74-107 '65.

TRANS-ILI ALATAU—ROCKS, IGNEOUS

- Petrography of intrusions in the central part of the Trans-Il Alatau. V. K. Monich, V. I. Starov, G. N. Gogel', Trudy Inst. geol. nauk AN Kazakh SSR 12:74-107 '65.

TRANS-ILI ALATAU—WINDS

- Wind regime in the lower air layer and its influence on the origin of microclimatic differences on the northern slope of the Trans-Il Alatau. E. N. Romanova, Trudy GGO no. 180:3-20 '65.

TRANSAMINASES

- Causes of contradictions in the determination of serum glutamic and oxalate transaminase. Z. K. Trushinskii, Lab. delo no. 8:467-472 '65.
Changes in the activity of aldolase, glutamic-oxalacetic and glutamic-pyruvic transaminases of the blood serum in anaphylactic shock. B. I. Rudyk, Pat. fiziol. i eksp. terap. 9 no. 3:70-71 My-Je '65.
Transamination of γ -aminobutyric acid with α -keto-glutaric acid in the brain and other tissues of the chick embryo. G. Kh. Buniatian, R. R. Neislsan, Vop. biokhim. mox. 1:5-13 '64.

TRANSBAIKALIA—ELECTROMAGNETIC PROSPECTING

- Magneto-varifational depth soundings in southern Middle Siberia and in Transbaikalia. E. E. Fotinidi, L. L. Voronin, E. P. Kharin, Dokl. AN SSSR 164 no. 3:550-552 S '65.

TRANSBAIKALIA—GEOLOGICAL TIME

- Age relations of intrusive complexes to the sedimentary-metamorphic formation in the Kodar-Udokan zone (northeastern Transbaikalia). V. T. Sviridenko, Uch. zap. Ped. inst. Gerts. 267:185-191 '64.

- Two different age complexes of volcanic rocks in the Argun Valley (eastern Transbaikalia). F. V. Staritsyn, Geol. i geofiz. no. 2:41-48 '65.

TRANSBAIKALIA—GRANITE

- Evolution of the paragenesis of accessories in the process of the metasomatic alteration of granites in one of the massifs of eastern Transbaikalia. L. F. Syrtso, L. N. Chernik, Zap. Vses. min. ob-va 94 no. 4:383-400 '65.

TRANSBAIKALIA—KARST

- Karst of Transbaikalia. I. M. Osokin, Trudy MOIP 15:81-90 '65.

TRANSBAIKALIA—METASOMATISM

- Evolution of the paragenesis of accessories in the process of the metasomatic alteration of granites in one of the massifs of eastern Transbaikalia. L. F. Syrtso, L. N. Chernik, Zap. Vses. min. ob-va 94 no. 4:383-400 '65.

TRANSBAIKALIA—ROCKS

- Age relations of intrusive complexes to the sedimentary-metamorphic formation in the Kodar-Udokan zone (northeastern Transbaikalia). V. T. Sviridenko, Uch. zap. Ped. inst. Gerts. 267:185-191 '64.

TRANSBAIKALIA—ROCKS, IGNEOUS

- Dependence of the morphologic characteristics of zirconium on the depth of the formation of intrusions as revealed by a study of the tin-bearing intrusions of Transbaikalia. Zh. N. Rudnikova, Geol. i geofiz. no. 7 116-119 '65.

- History of the development of igneous activity in the central part of the Kodar-Udokan zone (northeastern Transbaikalia). V. T. Sviridenko, Uch. zap. Ped. inst. Gerts. 267:183-183 '64.

TRANSBAIKALIA—ROCKS, SEDIMENTARY

- Two different age complexes of volcanic rocks in the Argun Valley (eastern Transbaikalia). F. V. Staritsyn, Geol. i geofiz. no. 2:41-48 '65.

TRANSBAIKALIA—THERMAL WATERS

- Alibagacheva, V. A. [Conditions of the formation of slightly mineral hot springs in northern Transbaikalia] Ustovnia formirovaniia istochnikov tipa skratolern v severnoi Transbaikaliie. Moskva, Nedra, 1965. 78 p.

TRANSBAIKALIA—ZIRCONIUM

- Dependence of the morphologic characteristics of zirconium on the depth of the formation of intrusions as revealed by a study of the tin-bearing intrusions of Transbaikalia. Zh. N. Rudnikova, Geol. i geofiz. no. 7 116-119 '65.

TRANSCARPATIA

- [Soviet Transcarpathia; a reference book] Sovetskoe zakarpattie, spravochnik. Uzhgorod, Karpaty, 1965. 221 p. illus.

TRANSCARPATIA—ECONOMIC CONDITIONS

- Where were the boundaries met. Albert Pin. Nov. vsem. 23 no. 4:26-28 O '65.

TRANSCARPATIA—FLOOD FORECASTING

- Determining loss of runoff in short-range forecasts of rain floods of rivers of Transcarpathia. G. V. Pavlenko, Trudy UkrNIGMI no. 5:182-88 '65.

TRANSCARPATIA—RUNOFF

- Determining loss of runoff in short-range forecasts of rain floods of rivers of Transcarpathia. G. V. Pavlenko, Trudy UkrNIGMI no. 5:182-88 '65.

TRANSCARPATIA—SOCIAL CONDITIONS

- Shut'ha, I. H. [Social and economic relations and class struggle in Transcarpathia at the end of the 18th and the first half of the 19th century] Sotsial'no-ekonomich. i vidosovny i klasova boic'ba na Zakarpattii v knizki XVIII-pershi polovyni XIX st. [L'viv] Vyd-vo L'viv's'koho univ., 1965. 265 p.

TRANSCARPATIA—TOURISM

- Put a rucksack on your back and set out for a journey. V. Volodin, Sov. prof. soluzi. 21 no. 18:36-37 O '65.

TRANSCAUCASIA—GASTROPODA, FOSSIL

- Stratigraphic distribution of Gastropoda in the Upper Cretaceous sediments of Transcaucasia. P. F. Pchelintsev, V. T. Akopjan, O. B. Aliev, Izv. AN Arm. SSR, Nauki o zem. 18 no. 3:433-7 '65.

TRANSCAUCASIA—PALEOBOTANY, STRATIGRAPHIC

- Akademiia nauk SSSR, Paleontologicheskii institut, [Development and succession of marine organisms during the transition from the Paleozoic to the Mesozoic] Razvitiie i smena morskikh organizmov na rubezhe paleozoi i mezozoi. Moskva, Nauka, 1965. 430 p. (Izv. Trudy, vol. 108)

TRANSCAUCASIA—PALEONTOLOGY, STRATIGRAPHIC

- Akademiia nauk SSSR, Paleontologicheskii institut, [Development and succession of marine organisms during the transition from the Paleozoic to the Mesozoic] Razvitiie i smena morskikh organizmov na rubezhe paleozoi i mezozoi. Moskva, Nauka, 1965. 430 p. (Izv. Trudy, vol. 108)

TRANSCAUCASIA—STOCK AND STOCKBREEDING

- Akademiia nauk Gruzinskoi SSR, Tiflis, Institut ekonomiki i prav. [Problems of developing the national economy of Georgia and Transcaucasia] Voprosy razvitiia narodnogo khoziaistva Gruzii i Zakavkaz'ia. Tbilisi, Metsnereba, 1965. 97 p. [In Russian and Georgian]

TRANSDUCERS

- Construction of induction magnetic transducers for electric prospecting apparatus. P. D. Kochanov, Geofiz. prib. no. 10:86-82 '64.

- Electrical parameters of the induction-type low-frequency magnetic receivers with ferromagnetic cores. I. A. Muzik, V. A. Nichega, Geofiz. prib. no. 20: 37-61 '61.

- Rheostat transducer. I. I. Roginskii, Geofiz. prib. no. 19:102-108 '61.

- Stand for calibrating transducers of vibratory motion. M. G. Khachitsa, Izv. AN Arm. SSR Ser. tekhn. nauk 18 no. 1 60-62 '65.

- TransistORIZED phase sensor. A. P. Tikhon, Energ. i elektrotekh. prom. no. 3:11-12 Ji-S '65.

- Udalov, N. P. [Transistor sensing elements] Poluprovodnikovye datchiki. Moskva, Energiia, 1965. 238 p.

TRANSDUCERS—TESTING

- High-speed motion-picture photography of the performance of the feeder of a transducer with a vibration feeder and generator. B. G. Khazin, Trudy LPI no. 250:71-74 '65.

- Investigating some metrological characteristics of the VGD-10 transducer with a vibration feeder and generator. B. G. Khazin, Trudy LPI no. 250:65-70 '65.

TRANSDUCATORS see Magnetic amplifiers

TRANSFORMATIONS (MATHEMATICS)

- A class of absolutely continuous nonlinear transformations of Gaussian measures. A. D. Shatakhvili, Trudy Vych. tsentr. AN Gruz. SSR 6:100-105 '65.

- Completeness of a system of functions related to a group of spatial transformations. V. P. Huraria, Dop. AN URSS no. 8:129-132 '65.

- Regular transformations of multiple sequences. M. I. Timan, Uch. zap. Kaz. un. 124 no. 6:299-307 '64.

TRANSIENTS (ELECTRICITY)

- Analysis of the transient processes of d. c. machines. M. Z. Zhita, Elektrotehnika 36 no. 9:14-18 S '65.
An approximate method of determining transfer functions for the sections and systems of automatic control by transient response. A. N. Matfuta, Izv. DGT 11 pt. 2: 20-25 '65.

TRANSISTOR AMPLIFIERS

- Analysis of a transistor trigger amplifier with emitter-base coupling. N. V. Mon'akov, Sbor. trud. LITZIT no. 223:26-55 '64.

- Obtaining maximum gain in transistor RC amplifiers. I. U. D. Kristlov, I. I. Anicheva, Elektr. svyaz' 19 no. 8:71-74 S '65.

- Stability of tunnel diode amplifiers. V. P. Voronenko, Radiotekh. i elektron. 10 no. 9:1722 S '65.

TRANSISTOR CIRCUITS

- Design of transistorized frequency converters. D. N. Shapiro, Elektr. svyaz' 19 no. 9:30-37 S '65.

- Study of a transient process during the switching of a p-n-p-n type transistor. I. U. E. Naumov, N. N. Shukhin, Radiotekh. i elektron. 10 no. 9:1653-1659 S '65.

TRANSISTOR CIRCUITS—NOISE

- Noise temperature of a mixer using inverted germanium diodes. A. M. Kmita, V. V. Kukushkin, Radiotekh. i elektron. 10 no. 9:1723-1724 S '65.

TRANSISTOR OSCILLATORS see Oscillators, Transistor

TRANSISTOR RADIOS

- Band switch for pocket radios. V. Kokachev, Radio no. 7:80-31 Ji '65.

TRANSISTORS

- Characteristics and parameters of field-effect transistors. V. Morozov, M. Sonin, Radio no. 7:44-45 Ji '65.

- Current gain factor of a filamentary transistor (double-base diode). A. P. Shlager, V. I. Stefeev, Radiotekh. i elektron. 10 no. 9:1730-1733 S '65.

- Direct phase compounding system using a p-n-p-n device. V. A. Ilyasov, G. P. H'in, I. I. Maksimov, Sudostroenie no. 8:40-42 Ag '65.

- Effect of the plate current drop rate on the recovery of the peak inverse anode voltage of semiconductor devices. A. A. Sakovich, D. P. Brunshtein, I. U. M. M'kov, Elektrotehnika 36 no. 9:37-41 S '65.

TRANSISTORS (Continued)

- Inductive impedance of a p-n-p transistor 10 E Naumov, N. N. Shulkin. Radiotekh i elektron 10 no. 9 1960-1962 S '65.
- Our consultations. Radio no. 7:62-63 J1 '65.
- Udalov, N. P. [Transistor sensing elements] Poluprovodnikovye datchiki. Moskva, Energiya, 1965. 238 p.
- Voltampere characteristics of alloyed p-n junctions in InAs. D. N. Nasledov, N. N. Smirnova, S. V. Slobodchikov. Radiotekh. i elektron 10 no. 9:1707-1709 S '65

TRANSISTORS—COOLING

- Testing of semiconductor coolers for transistors. V. A. Naer, V. K. Gaiachuk. Khof. tekhn. i tekhn. no. 13-8 '65

TRANSISTORS—MEASUREMENT

- Cathode-ray characteristics tracer using transistors. L. Megilevskii. Radio no. 7:55-56 J1 '65.

TRANSISTORS—RELIABILITY

- Reliability of type P12-P16 low-power low-frequency transistors. V. S. Khal'kov. Vest. TSNI MFS 24 no. 5:45-49 '65

TRANSITION METAL COMPOUNDS

- Character of the chemical bonding in transition metal carbides and nitrides. I. U. Surovol, I. A. Shvartsman, V. I. Alekseev. Fiz. met. i metalloved. 20 no. 2: 251-257 Ag '65.
- Nature of chemical bonds in aluminides of some transition metals. G. V. Samsonov, V. S. Sineelnikova. Izv. AN SSSR. Neorg. mat. 1 no. 7:1071-1078 J1 '65.
- Nitrogen fixation on hydrogen-activating transition metal complexes. M. E. Vol'pin and others. Dokl. AN SSSR 164 no. 2:331-333 S '65.

TRANSPORTATION

- Evaluation of the maximal element method. S. M. Meyshovich. Ekon. i mat. metod. 1 no. 4:560-569 J1-Ag '65.

TRANSPORTATION—FINANCE

- Studies in the economic efficiency of capital investments in transport. K. N. Shumko. Sboi nauch. inform. Nauch. sovp. po eff. i on. fond. kap. vložh i nov. tekhn. AN SSSR no. 7:131-137 '65.

TRANSPORTATION—LAWS AND REGULATIONS

- Legal regulation of shipping by direct carriage by various means of transportation. M. E. Khodunov. Inform. sbor. TSNIIMF no. 110. Mor. pravo i prak. no. 23:3-10 '63.

TRANSPORTATION—MANAGEMENT

- Improving the efficiency of transportation in relation to the national economy. L. Cherkov. Plan. khoz. 42 no. 9:1-11 '65.

TRANSPORTATION—MATHEMATICAL MODELS

- Transportation problem on a network with additional limitations. E. A. Mukhacheva. Ekon. i mat. metod. 1 no. 4:547-557 J1-Ag '65.

TRANSPORTATION, AUTOMOTIVE

(see also subdivision under Crimea; Leningrad Province)

- Education and organization decide the success of a business. V. Konnov. Avt. transp. 43 no. 9:1-3 S '65.
- For the welfare of man. A. Merm. Avt. transp. 43 no. 9:10-12 S '65.
- If the objectives of construction industry and automotive transportation workers are the same. A. L. Franklin. Avt. transp. 43 no. 8:52-53 Ag '65

TRANSPORTATION, AUTOMOTIVE—ACCOUNTING

- Mechanized accounting in automotive transportation units. S. Skrynnik. Avt. transp. 43 no. 9:19-21 S '65.

- Rumantsev, I. U. S. [Original accounting for the work of trucks] Pervichnyi uchët raboty gruzovykh avtomobilov. Moskva, Transport, 1965. 69 p.

TRANSPORTATION, AUTOMOTIVE—COST OF OPERATION

see subdivision under Lvov Province

TRANSPORTATION, AUTOMOTIVE—EXHIBITIONS

- For passengers' convenience. Avt. transp. 43 no. 9: 51-55 S '65.

TRANSPORTATION, AUTOMOTIVE—FINANCE

- Revise the norms for amortization deductions. M. Panchenko. Avt. transp. 43 no. 9:5 S '65.

TRANSPORTATION, AUTOMOTIVE—FREIGHT

see subdivision under Lvov Province

TRANSPORTATION, AUTOMOTIVE—INFORMATION SERVICES

- Information service. A. Buldovch. Avt. transp. 43 no. 8:51-52 Ag '65.

TRANSPORTATION, AUTOMOTIVE—MANAGEMENT

(see also subdivision under Crimea; Kaliningrad, Moldavia; White Russia)

- Advanced experience in all automotive transportation units. Avt. transp. 43 no. 8:40-50 Ag '65.
- Improve the organization of public inspection of the operations of automotive transportation. A. Maesh. Avt. transp. 43 no. 8:3-4 '65.
- Operational service needs engineers. M. Blatnov. Avt. transp. 43 no. 9:1-5 S '65.

TRANSPORTATION, AUTOMOTIVE—STUDY AND TEACHING

- People's universities. Avt. transp. 43 no. 9:6-7 S '65

TRANSPORTATION, AUTOMOTIVE—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Kiev Province)

- Conference on innovations and inventions. N. Gapanovich. Avt. transp. 43 no. 9:55-56 S '65.
- Exchange of experience. Avt. transp. 43 no. 9:49-51 S '65.

TRANSPORTER BRIDGES

- Results of some experimental studies on the conveyor bridges at the Baydnkov and Semenov-Golovkovskii coal strip mines. V. N. Trudov. Izv. DGI 41 pt. 2:75-79 '62.

TRANSURANUM ELEMENTS

- Synthesis of the 103rd element (lawrencium) with mass number 256. E. D. Donets, V. A. Shchegolev, V. A. Etmakov. Atom. energ. 19 no. 2:109-113 Ag '65.

TRANSYLVANIA—ADONES

- A new species of the genus Adonis L. L. G. Simonovich. Dokl. AN BSSR 9 no. 6:396-400 Je '65.

TRAUMATISM

- Modern achievements of chemistry in the practice of traumatology and orthopedics, results of the work of the Central Institute of Traumatology and Orthopedics. M. V. Volkov and others. Ortop., travm. i protez. 20 no. 8:3-10 Ag '65.

TRAVELERS, RUSSIAN

see subdivision under Africa

TRAVERTINE

see subdivision under Dniester Valley

TRAWLS AND TRAWLING

- Pair-trawling with electric equipment for catching crucian carp and pike. P. T. Anishchenko. Ryb. khoz. 41 no. 7:52-53 '65.

TRAWLS AND TRAWLING—HYDRODYNAMICS

- New hydrodynamic coefficients of spread trawl boards and methods of their use. V. V. Bleskina, I. R. Matrosov. Ryb. khoz. 41 no. 7:42-43 '65

TREASON

- G. Anashkin's "Responsibility for treason and espionage." D. Bogatkov, N. Ivanov, A. Ignatiev. Sots. zakon. 42 no. 8:93-94 Ag '65

TREES, FOSSIL

- Geographic poles and petrified trees. G. V. Golubkov. Priroda 54 no. 9:122-123 S '65.

TREMATODA

see subdivision under Volga Delta

TRENCHING MACHINERY

- Blade-type trencher. A. Burdin, V. Pakhmarin. Tekhn. v sel'khoz. 25 no. 8:46-47 Ag '65.
- Create high-capacity machinery for trenching in solid rock. P. G. Buguslovskii. Stroitel'stvo i stroit. 10 no. 9: 32-34 S '65.

- Dynamics of the universal rotary trench excavator. L. P. Bushuev, V. M. Osetskii. Izv. vyzh. ucheb. zav., gos. zhur. 8 no. 7:148-152 '65.

TREPONEMA PALLIDUM

- L-forms of Treponema pallidum. L. M. Usitmenko. Vest. AMN SSSR 20 no. 8:46-50 '65.
- Results of the immobilization reaction of Treponema pallidum by means of dried sera. V. Rozkains. Trudy TSU 78:51-54 '65.

TRIANGULATION

- General aspects of the correlations of connections in adjusting planimetric radial networks and subsequently resulting problems. B. F. Krutol. Izv. TPI 118:76-80 '63.

- Main forms of conditions emerging in planimetric radial networks. B. F. Krutol. Izv. TPI 118:91-101 '63.
- Measuring horizontal angles on first-order triangulation points with long base lines. S. E. Evchenko. Geod. i kart. no. 8:21-24 Ag '65.

TRIANGULATION SIGNAL TOWERS

- Graphic method for calculating loads in erecting signals. K. V. Bazhenov. Geod. i kart. no. 8:29-33 Ag '65.
- Investigating the asymmetry of trihedral signals. V. M. Sudnitsyn. Geod. i kart. no. 8:24-28 Ag '65.

TRIAZINE

- Determining the residual quantities of simazine and atrazine in the grain of corn and in the soil. T. A. Buda. Khim. v sel'khoz. 3 no. 8:53-55 Ag '65
- Effectiveness of simazine and atrazine in the monocultures of corn. S. I. Akubtsov, V. O. Pavlovskaya. Trudy VIZR no. 17:314-358 '63
- Inhibition of type I adenovirus reproduction in tissue culture by 6-azauridine and 6-azacytidine. A. P. Starchev. Dop. AN URSS no. 9:1219-1221 '65.
- Weed control in sweet sorgho fields using herbicides containing triazine type. G. A. Matverenko. Khim. v sel'khoz. 1 no. 8:43-45 Ag '65.

TRIBES AND TRIBAL SYSTEM

see subdivision under Europe, Eastern

TRICHINA AND TRICHINOSIS

see subdivision under Uzbekistan

TRICHOMONIASIS

- Ornithophosphorus preparations in treating trichomoniasis in women. V. G. Daneeva, I. V. Zaikonnikova. Nauch. trudy Kaz. gos. med. inst. 14:417-419 '64.
- Treating trichomoniasis in bulls. P. A. Voloskov, A. I. Sumakin, M. A. Luchko. Veterinaria 42 no. 7:80-81 J1 '66.

TRIMETHYLAMINE—TOXICOLOGY

- Toxicity of trimethylamine. N. K. Kulagina, T. A. Kochetkova. Toks. nov. prom. khim. veshch. no. 7:56-76 '65

TRIGONOMETRICAL FUNCTIONS

- Orthogonal systems of rational functions and biorthogonal systems of generalized trigonometric functions. A. A. Kibalian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 18 no. 1-2:1-45 '65

TRIODES

- Dependence of the critical frequency of type P-4 semiconductor triodes on the emitter current. I. N. Vazhenin. Izv. vyzh. ucheb. zav., fiz. 8 no. 3:76-80 '65.
- Tarasov, F. I. [Triodes] Triody. Moskva, Energiya. 1965. 91 p. (Massovaya radiobiblioteka. Spravochnaya seriya, no. 570)

TRIOXANE

- Growing of trioxane single crystals. G. S. Belikova and others. Priat. massy no. 8:41-43 '65.

TRITERPENOIDS

- Microdetermination of carbon and hydrogen in compounds of triterpenoid structure. V. S. Bazalitskaya, M. L. Dzhamaltdinova, G. M. L'okova. Zav. lab. 31 no. 8: 943-944 '65.

TROLLEY WIRES

see Electric current collectors

TROLLEYBUSES—SAFETY MEASURES

- Mozentsev, G. L. [Safety manual for trolleybus operators] Pamiatki po tekhnike bezopasnosti dlia voditel'ov trolleybusov. Moskva, Stroizdat, 1965. 25 p. (Tekhnika bezopasnosti i kommunal'nogo khaiznitsvo)

TROPHOBLAST

- Morphological changes in the nuclei of the giant cells of the trophoblast from the antimesometrial part of the uterus in a pregnant rabbit, polyploidy in mammalian cells. A. F. Gordeeva. TSitologia 6 no. 3:348-352 My-Je '64.

TROPICAL PLANTS

- (see also subdivision under Black Sea region)
- Effect of stratification on the germination of subtropical plant seeds. T. V. Iakimova. Biol. Glav. bot. sadu no. 57:94-97 '65

TROPICAL PLANTS—VARIETIES

- Some results of the state variety testing of subtropical crops. F. F. Manillo. Subtrop. kul'. no. 1:129-134 '65.

TROPICS—ATMOSPHERE

- Some characteristics of circulation in the equatorial zone. L. I. Litvinenko. Trudy TSIP no. 140:29-36 '65.

TROPICS—CLIMATE

- Application of the chart method for studies of climatic regularities in the tropical and equatorial latitudes. A. N. Lebedev. Trudy GGO no. 182:113-142 '65.

TROPICS—METEOROLOGY

- Distribution of the day-to-day variability of temperature between 35° N. and 40° S. G. G. Olintsova-Nebrel. Trudy NIAG no. 29:29-43 '65.

TROUSERS

- Improvement of the production of men's trousers. H. A. Shvartaburg, V. I. Syvak. Leh. prom. no. 3:18-19 J1-S '65.

TRUCK TRAILERS

- Automatic opening of a tail gate. I. Niskit, P. Bratello. Tekhn. v sel'khoz. 25 no. 9:54-55 S '65.

TRUSKAVETS (UKRAINE)—HEALTH RESORTS, WATERING PLACES, ETC.

Markov, I. I., and A. S. Shalyrko. Truskavets. L'vov, Kamenar, 1965. 87 p.

TRUSKAVETS (UKRAINE)—MINERAL WATERS

Effect of mineral water from the Naftusa spring on the acidity of gastric juice and the motor and evacuative function of the stomach and gallbladder. A. N. Sokolov-Skii, L. K. Balkalov. Vop. kur., fizioter. i lech. fiz. kul't. 30 no. 4:312-315. JI-Ag '65.

RUSKAVETS (UKRAINE)—THERAPEUTICS, PHYSIOLOGICAL

Effectiveness of the treatment of chronic colitis in Truskavets Health Resort. V. P. Fesenko. Vop. kur., fizioter. i lech. fiz. kul't. 29 no. 4:345-350. JI-Ag '64.

RUSSES

Case of the reinforcement of steel roof trusses. V. V. Bratulev, A. V. Sil'vestrov, I. A. S. Levenson. Izv. vyz. ucheb. zav., stroit. i arkhitekt. 8 no. 9:10-10 '65.
[Kukhovich, A. D., and E. G. Kutukhtin. Webless trusses and the utilization of truss space in foreign countries, review] Boziasosnyye fei my i ispol'zovanie mezhduennogo prostanstva v praktike zarubezhnogo stroitel'stva; obzor. Nauchn. red. I. S. Kosenko. Moskva, Tsentr. in-t nauchnoi informatsii po stroitel'stву i arkhitekture, 1964. 30 p.

[MICROFILM]

TRYPSIN

Effect of inhibitor I on stabilization of trypsin and on the dependence of its activity on pH. A. A. Antonian, Ukr. biokhim. zhur. 37 no. 4 493-500 '65.

TRYPTAMINE

Correlation between two forms of postirradiation cell destruction in the bone marrow of mice, protected and not protected by maxamine. I. D. Aleksandrov. Dokl. AN SSSR 184 no. 2:437-440. S '65.

AISHI (GEORGIA)—HEALTH RESORTS, WATERING PLACES, ETC.

Treatment of gynecological diseases at Tsaisi Health Resort. N. S. Agadzhanyan. Vop. kur., fizioter. i lech. fiz. kul't. 30 no. 4:355-358. JI-Ag '65.

EBEL'DA REGION (GEORGIA)—GLACIAL EPOCH

Races of ancient glaciation in the Tsebel'da region of Abkhazia. B. L. Solov'ev. Bliz. MOIP, Old. geol. 40 no. 4:51-55. dI-Ag '65.

ELINNY KRAY see Virgin Territory

LOMBE, MOISE

War man in Europe. A. Zakharov. Mezhdunar. zhizn' 12 no. 10:124. O '65.

IMLYANSK RESERVOIR—AIDS TO NAVIGATION

Changing over from acetylene to electric lighting. I. P. Fataev. Rech. transp. 24 no. 5:51 '65.

IMUPUR, ALEKSANDR DMITRIYEVICH, 1870-1928

Memorial of the Soviet Republic. T. Krivov. Mol. komm. no. 9:87-89. S '65.

BERCULIN—TESTING

Significance of the protein-tuberculin test in the diagnosis of siltotuberculosis. G. K. Sosnina. Trudy TSU 76:55-62 '65.

BERCULOSE

(see also subdivision under Tatar A. S. S. R.)

Changes in hyaluronidase activity in the blood serum in tuberculosis under clinical and experimental conditions. V. M. Stratonov. Nauch. trudy Kaz. gos. med. inst. 14: 55-56 '64.

Pathogenesis of disseminated forms of pulmonary tuberculosis. L. I. Rodionova. Nauch. trudy Kaz. gos. med. inst. 14:275-276 '64.

Opoids in the treatment of tuberculosis. Z. Kh. Karimova, E. I. Rodionova. Nauch. trudy Kaz. gos. med. inst. 4:449-450 '64.

Immunary tuberculosis in patients with atherosclerosis. L. S. Kazzykhanov. Sov. med. 20 no. 8:37-44. Ag '65.

On years' survival of a patient following surgery for combined for combined cancer and tuberculosis of the lungs; one observation. L. E. Koleshko. Vop. onk. 1 no. 7:107-108 '65.

Shalyrko, I. I. [Early diagnosis and treatment of mycobacteriosis in pulmonary tuberculosis] Rannia diagnostika i likuvannya amiloidozu pry tuberkul'ozni zhen'. Kyiv, Zdorov'ia, 1965. 207 p. (Biblioteka raktychnocho likaria) (DNLM)

BERCULOSE IN ANIMALS

Use of more improved methods for studying the differences between tuberculosis and tuberculous lesions of lymph nodes in swine. E. A. Bobyleva. Dokl. Akad. nat. nauk, no. 8:37-40. Ag '65.

TUBES

Sizing the dies for drawing rectangular tubes with walls of equal thickness. I. F. Shovakina, A. M. Rytikov, V. A. Tsirol'nikov. Izv. vyz. ucheb. zav., tavet. met. 8 no. 3:118-154 '65.

TUGBOATS

(see also subdivision under Danube River)

Organizing the operation of a crewless nonautomotive fleet. A. Stepankin. Rech. transp. 24 no. 5:25 '65.

Shipping crude petroleum with the aid of pusher tugs. V. Esin. Rech. transp. 24 no. 5:24-25 '65.

A 300-400 hp catamaran tugboat. G. Maderaki. Rech. transp. 24 no. 5:33-34 '65.

TUKHACHEVSKII, MIKHAI L. NIKOLAEVICH, 1893-1937

Selected works of M. N. Tukhachevskii, N. Lomov. Voen.-ist. zhur. 7 no. 7:69-76. JI '65.

TULAREMIA

Droplet method of the indirect hemagglutination reaction with the tularemia antigen. G. A. Baidar, R. E. Konikova. Zhur. mikrobiol., epid. i immun. 42 no. 6:50-53. Ag '65.

Pathogenesis of tularemia infection in nonimmune and immune organisms. R. A. Savileva, A. P. Gindin. Zhur. mikrobiol., epid. i immun. 42 no. 8:13-50. Ag '65.

TULAREMIA—MICROBIOLOGY

Detection of Francisella tularensis in a lymph node 2 years and 3 months after recovering from tularemia. B. P. Pavlov, E. V. Pokrovskaya. Zhur. mikrobiol., epid. i immun. 42 no. 8:72-74. Ag '65.

Duration of preservation and localization of the tularemia agent in the organisms of experimentally infected sheep. A. I. Zaitsev, E. V. Pokrovskaya, M. N. Beikov. Veterinariia 42 no. 7:26-27. JI '65.

TULIPS—VARIETIES see subdivision under Turkmenistan

TUMORS

C-reactive protein in benign neoplasms and cancer. I. F. Grekh and others. Vop. onk. 11 no. 7:37-40 '65.

Diagnosis of tumors and metastases with the aid of radiostep scanning. G. A. Zuhovskii. Sov. med. 28 no. 8:60-71. Ag '65.

Kasabach-Merrill syndrome in a 2-month-old infant. S. V. Levitskaya, E. B. Kats. Trudy TSU 78:63-67 '65.

TUMORS—TRANSPLANTATION

Action of liver ribonucleic acid on the growth of tumors in experimental animals. K. A. Perevoshchikova, A. P. Belousov, T. V. Bul'daeva. Biol. eksp. biol. i med. 60 no. 8:102-105. Ag '65.

TUNA FISHERIES see subdivision under Atlantic Ocean

TUNGSTATES

Diagram of states in the systems Na_2WO_4 - SrWO_4 and Na_2WO_4 - BaWO_4 . L. N. Smirnova, I. P. Klavakova. Izv. AN SSSR. Neorg. mat. 1 no. 7:1162-1165. JI '65.

TUNGSTEN

Determination of molybdenum and tungsten in high-alloy steels and alloys from the same batch by amperometric titration. V. I. Bogovina, V. P. Novak, V. F. Mal'tsev. Zhur. anal. khim. 20 no. 9:951-954 '65.

Integral emissivity of tungsten in the 1200°-2600°K temperature interval. V. D. Dmitriev, G. K. Kholepov. Zhur. prikl. spekt. 3 no. 1:72-75. JI '65.

TUNGSTEN—METALLURGY

Electrolytic regeneration of soda from autoclave tungstate solutions. V. V. Belikov. Izv. vyz. ucheb. zav., tavet. met. 8 no. 4:76-83 '65.

TUNGSTEN COMPOUNDS

Nature of polarographic waves of some polyvalent ions. Electrolysis of hexavalent tungsten solutions without superimposed external E. M. F. E. F. Speranskaya, D. B. Mambeeva. Zhur. fiz. khim. 39 no. 8:1837-1842. Ag '65.

TUNGSTEN CRYSTALS

Direct proof of the existence of a positive charge in absorbed Th atoms. I. U. S. Vedulo, V. M. Gavriluk. Fiz. tver. tela 7 no. 8:2547-2549. Ag '65.

Some characteristics of oxygen interaction with a tungsten single crystal surface. I. A. P. Zingerman, V. A. Tsebuk, T. A. Krutikina. Fiz. tver. tela 7 no. 8:2560-2571. Ag '65.

TUNGSTEN ORES see subdivision under Kazakhstan

TUNGUSES see subdivision under Irkutsk Province

TUNGUSKA, NIZHNYAYA see Lower Tunguska Valley

TUNGUSKA VALLEY—DIABASE

Tubular amygdulae in the dike of microdiorite (Tunguska syncline of the Siberian Platform). E. I. Kutyrev. Zap. Vses. min. ob-va 94 no. 4:454-459 '65.

TUNGUSKA VALLEY—DIKES (GEOLOGY)

Tubular amygdulae in the dike of microdiorite (Tunguska syncline of the Siberian Platform). E. I. Kutyrev. Zap. Vses. min. ob-va 94 no. 4:454-459 '65.

TUNICATA

Asexual reproduction of the ascidian *Distaplia vulgaris*. Report No. 1. Embryonic and larval budding. O. M. Ivanova-Kazars. Vest. LGU 20 no. 15:14-15 '65.

TUNNEL DIODES

Approximation of the voltampere characteristic of a tunnel gap using polynomials for quadratic analysis of its special operating features. V. A. Malyshev. Radiotekh. i elektron. 10 no. 9:1635-1615. S '65.

Differential resistance of tunnel diodes. D. A. Aronov, I. A. P. Kotov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 9 no. 4:45-50 '65.

Excess current of a tunnel diode. M. S. Saldev, A. Arifov, M. I. Supova. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 9 no. 4:55-58 '65.

Measurement of the voltampere characteristic of tunnel diodes. V. R. Kireev. Elektrosvyaz' 19 no. 9:75-77. S '65.

Stability of tunnel diode amplifiers. V. P. Voionenko. Radiotekh. i elektron. 10 no. 9:1723. S '65.

TUNNEL LINING

Basic parameters for sectional reinforced-concrete linings in the horizontal underground mining by the shield method. D. I. Shor and others. Trudy TSNIIPodzemshakhtirova no. 3:141-156 '64.

Measuring the tunnel lining loads carried out under various conditions of mining geology. V. E. Stepanov, A. I. Kurashvili. Trudy TSNIIPodzemshakhtirova no. 3:158-160 '64.

TUNNELING

(see also subdivision under Siberia, Western)

Improve the indices of tunneling in coal mines in operation. L. V. Lashenko, E. E. Nil'va, Shokht. stroit. 9 no. 9:1-5. S '65.

TUNNELING—EQUIPMENT AND SUPPLIES

Powered shield units for the building of collecting tunnels. A. I. Tutnov. Trudy TSNIIPodzemshakhtirova no. 3:120-135 '64.

Problem of making a better use of shield equipment in building collecting tunnels. V. V. Baranov. Trudy TSNIIPodzemshakhtirova no. 3:135-144 '64.

TUNNELS—MAINTENANCE AND REPAIR

Preventing defects in tunnels. V. P. Gostevskikh, P. M. Osovskii. Put' i put. khoz. 9 no. 9:26 '65.

TUNNELS—SURVEYING

Afanasyev, V. G., A. O. Alekseev, and B. N. Sokolov. [Geodesy and mine surveying in the construction of tunnels and subways] Geodeziia i markshreideria pri stroitel'stve tunnelei i metapolitovno. Moskva, Nedra, 1965. 299 p.

TURBINES

Calculation of a flow about two-dimensional lattices in a layer with variable thickness. N. I. Durakov. Teplo-energetika 12 no. 8:87-88. Ag '65.

TURBINES—ABSTRACTS

[Turbine manufacture] Ref. zhur. Turbostr. no. 9. S '65.

TURBINES—AERODYNAMICS

Three-dimensional fluid flow in the blade channel of a Francis turbine. A. F. Makarov. Trudy LPI no. 248: 14-24 '65.

Visualization of transition phenomena in the boundary layer of turbine cascade blades. A. I. Apatenko, A. M. Antonov. Izv. vyz. ucheb. zav., av. tekhn. 7 no. 3: 78-82 '65.

TURBINES—MAINTENANCE AND REPAIR

Device for boring holes in rigid couplings. I. A. Fisanov. Energetik 13 no. 8:12-13. Ag '65.

TURBODRAWERS

Generalized function for determining losses in helical chambers of centrifugal blower. M. T. Skolarskii. Teploenergetika 12 no. 8:86-72. Ag '65.

TURBODRILLS

(see also subdivision under Apsheron Peninsula; Karadag Oil Field; Kyurovdag Oil Field)

Electrical wireless turbodachometer operating in the frequency range below 1 Hz. B. A. Ivanov, K. A. Parfenov, B. A. Malin. Mash. i nef. obr. no. 8:27-30 '65.

Uneven loading on the stages of the supporting elements of a turbodrill and means for eliminating it. A. V. Kol'chenko, A. I. Titarenko. Mash. i nef. obr. no. 8: 9-11 '65.

TURBODRILLS—ATTACHMENTS

Radioactively warning control in the boring of directional boreholes with the TB-3 turbodrill. K. A. Kuznetsova. Trudy VNIPodzemgaza no. 12:126-128 '64.

TURBOGENERATORS

Electronic self-excitation system of the TGV-200 turbogenerator of the Zmlevsk State Regional Power Plant. I. U. S. Vetrov, G. B. Lazarev, Energetik 13 no. 9:3-6 S '65.
Feasibility in the operation of TGV-200 turbogenerators. I. A. Rosenthal, I. U. S. Vetrov, Elekt. st. 36 no. 9:24-26 S '65.

Kashitskiy, E. G. [Special problems in the calculation and design of synchronous machines with solid rotors] Spetsialnye voprosy rascheta i issledovaniya sinkhronnykh mashin s massivnym rotorem. Moskva, Nauka, 1965. 103 p.

Leningrad, Institut elektromekhaniki. [Theory, design, and study of widely used electrical machines] Teoriya, raschet i issledovanie vysochepol'zovannykh elektromekhanicheskikh mashin. Moskva, Nauka, 1965. 242 p.

Method for determining stresses in the stator steel joints of a hydrogenerator. B. A. Kartashkin, I. U. M. El'and, Elektrotekhnika 36 no. 8:49-52 Ag '65.

Start of a large asynchronous hydrogenerator in a motor mode of operation. I. U. N. Batalov, G. A. Beschastnov, M. F. Rudov, Elektrotekhnika 36 no. 8:11-16 Ag '65.

TURBOGENERATORS—MAINTENANCE AND REPAIR

Removal of turbogenerator bracket bindings. L. N. Seleznev, Elekt. st. 36 no. 8:53-54 S '65.

TURBOGENERATORS—VIBRATION

Combined vibrations of a turbogenerator stator and the foundation under the action of a rotating magnetic field. G. T. Uzunov, Trudy LPI 232:78-86 '65.

TURBOGENERATORS—WINDINGS

Insulation of bar winding heads of the stators of hydrogenerators and turbogenerators. V. N. Korolev and others, Elektrotekhnika 36 no. 8:16-18 Ag '65.

Vibration of hydrogenerator stator windings. M. F. Rudov, Elektrotekhnika 36 no. 8:44-46 Ag '65.

TURBOMACHINES

Calculation of profile losses in the cascades of turbomachines. V. M. Mischenko, Izv. vyz. ucheb. zav., energet. 8 no. 8:76-82 Ag '65.

TURBULENCE

Spectrum of pressure fluctuations in turbulent flow. L. A. Novikov, Izv. AN SSSR Fiz. atm. i okeana 1 no. 8:992-993 S '65.

Turbulence of channel streams. V. M. Maklatshev, Trudy GGI no. 124:40-54 '65.

Turbulence of wakes of the same velocity. V. R. Kuznetsov, Inzh. zhur. 5 no. 4:763-767 '65.

TURKEY GATES—BAUXITE

Distribution of TiO_2 in the platform bauxites of the Turgay trough. M. V. Pastukhova, Lit. i pol. iskop. no. 4:112-124 Ji-Ag '65.

TURKEY GATES—IRON ORES

Luminous rocks in the Benkalinsk and Shagyrkul'sk contact-metamorphic deposits of iron in Turgay. A. E. Bekmukhametov, Trudy Inst. geol. nauk AN Kazakh. SSR 12:180-187 '65.

TURKEY GATES—MINES AND MINERAL RESOURCES

The Greater Turgay and its significance in the national economic plans. A. Turin, Nar. khoz. Kazakh. 23 no. 9:76-77 S '65.

TURKEY GATES—ROCKS—ANALYSIS

Luminous rocks in the Benkalinsk and Shagyrkul'sk contact-metamorphic deposits of iron in Turgay. A. E. Bekmukhametov, Trudy Inst. geol. nauk AN Kazakh. SSR 12:180-187 '65.

TURKEY GATES—TITANIUM OXIDES

Distribution of TiO_2 in the platform bauxites of the Turgay trough. M. V. Pastukhova, Lit. i pol. iskop. no. 4:112-124 Ji-Ag '65.

TURGENEV, IVAN SERGEEVICH, 1818-1883

Turgenev readings in 1964. N. Budanova, Izv. AN SSSR. Ser. lit. i jaz. 24 no. 4:363-365 Ji-Ag '65.

Vinnikova, I. A. [I. S. Turgenev in the sixties; studies and observations] Turgenev v sheshtidesiatye gody; ocherki i nabludeniya. Pod red. E. I. Pokusheva [Sarátov] Izd-vo Saratovskogo univ., 1965. 113 p.

TURKEYS

Poultry farming, turkeys, and profit. N. Buhalenko, Ekon. Rad. Ukr. 8 no. 8:49-54 Ag '65.

TURKEYS—DISEASES AND PESTS

Histological differential diagnosis of Mycoplasma infection and aspergillosis in turkeys. V. V. German, Veterinaria 42 no. 7:41-44 Ji '65.

TURKIC INSCRIPTIONS see Descriptions, Turkic

TURKIC LANGUAGES—GRAMMAR, COMPARATIVE

An experiment of reconstruction of Turkic verbal adverbs in -(p)p, -(p)b, -(p)b, -(p)pan, -(p)ban, -(p)bany, -(p)bany (n), materials for a comparative-historical grammar of the Turkic languages. A. N. Kononov, Vop. jaz. 14 no. 5:100-111 S-O '65.

Some ways of reconstructing archaic traits in the grammatical structure of languages. B. A. Serbiniukov, Vop. jaz. 14 no. 4:20-31 Ji-Ag '65.

TURKIC—CRANIOLOGY

Craniological material from Bedellina in southwestern Turkmenia. N. G. Zakkind, S. P. Polisev, Vop. anti. no. 16:121-123 '64.

TURKIC COMPOSERS see Composers, Turkic

TURKIC LITERATURE—TRANSLATIONS INTO RUSSIAN

Recreation of the national character of a work in a literary translation. O. Dvoretz, Izv. AN Turk. SSR, Ser. obshchestv. nauk no. 1:69-74 '65.

TURKIC—ALFALFA—DISEASES AND PESTS

Alfalfa stalk pest Mordellistena pumila Gyll. (Coleoptera, Mordellidae) in Turkmenia. K. K. Mukhametov, Izv. AN Turk. SSR, Ser. biol. nauk no. 4:92-94 '65.

TURKIC—BATS

Distribution and abundance of bats in Turkmenia. Kh. Babayev, Izv. AN Turk. SSR, Ser. biol. nauk no. 4:51-55 '65.

TURKIC—BIRDS AS CARRIERS OF DISEASE

Fleas of burrowing birds and their possible role in plague epizootology of Turkmenia. E. N. Zagiborodova, G. S. Bel'skaya, Izv. AN Turk. SSR, Ser. biol. nauk no. 3:60-74 '65.

TURKIC—BOTANY

Some alkaloid-bearing plants of the Turkmen S. S. R. Kh. Allayev, S. A. Khomidkhodzhaev, E. D. Kozakova, Izv. AN Turk. SSR, Ser. biol. nauk no. 1:62-65 '65.

TURKIC—BUILDING MATERIALS—BIBLIOGRAPHY

Volkova, A. I. A. [Mineral resources of Turkmenistan, natural building materials. A bibliography of the literature] Poleznye iskopaemye Turkmenstol SSR, estestvennye stroitel'nye materialy. Bibliograficheskii ukazatel' literatury. Nauch. ied. A. Kariyev. Ashkhabad, Turkmenstanskaya gos. respubl. biblioteka, 1964. 144 p.

TURKIC—COCCIDIOSIS

Age-related and seasonal dynamics of Coccidium infections of chicks in Turkmenistan. V. S. Glebozdin, Izv. AN Turk. SSR, Ser. biol. nauk no. 3:76-78 '65.

TURKIC—CORMORANTS

Nesting of great cormorant in Turkmenia. A. Eminov, Izv. AN Turk. SSR, Ser. biol. nauk no. 3:86-88 '65.

TURKIC—COURTS

Plenum of the Supreme Court of the Turkmen S. S. R. Biul. Verkh. Suda no. 4:43 '65.

TURKIC—EARTH—SURFACE

Structure of the upper part of the subcrustal layer in Turkmenia according to data on the exchanged waves of earthquakes. N. K. Bull. Seism. iuzl. no. 6:84-90 '65.

TURKIC—ECONOMIC CONDITIONS

Lenin's ideas are being applied in practice. A. K. Karayev, Izv. AN Turk. SSR, Ser. obshchestv. nauk no. 4:3-11 '65.

TURKIC—FLEAS

Fleas of burrowing birds and their possible role in plague epizootology of Turkmenia. E. N. Zagiborodova, G. S. Bel'skaya, Izv. AN Turk. SSR, Ser. biol. nauk no. 3:68-74 '65.

TURKIC—GEOLOGY, STRUCTURAL

New data on the tectonics of eastern Turkmenia. V. G. Kots, V. A. Tepilskii, Biul. MOIP. Otd. geol. 40 no. 4:28-31 Ji-Ag '65.

TURKIC—HERONS

Little egret in Turkmenia. A. Eminov, Izv. AN Turk. SSR, Ser. biol. nauk no. 4:95-96 '65.

TURKIC—LARKSPUR

Alkaloid accumulation dynamics and metabolism kinetics in Delphinium elatum L. Kh. Ovezov, Izv. AN Turk. SSR, Ser. biol. nauk no. 4:66-69 '65.

TURKIC—MILK VETCH

Systematics of Astragalus ammodendron in Turkmenia. E. M. Seifulin, Izv. AN Turk. SSR, Ser. biol. nauk no. 4:17-23 '65.

TURKIC—MINERALS—BIBLIOGRAPHY

Volkova, A. I. A. [Mineral resources of Turkmenistan, natural building materials. A bibliography of the literature] Poleznye iskopaemye Turkmenstol SSR, estestvennye stroitel'nye materialy. Bibliograficheskii ukazatel' literatury. Nauch. ied. A. Kariyev. Ashkhabad, Turkmenstanskaya gos. respubl. biblioteka, 1964. 144 p.

TURKIC—MORDELLIDAE

Alfalfa stalk pest Mordellistena pumila Gyll. (Coleoptera, Mordellidae) in Turkmenia. K. K. Mukhametov, Izv. AN Turk. SSR, Ser. biol. nauk no. 4:92-94 '65.

TURKIC—PARASITES—HARES

Material on the Ixodid ticks (Parasitiformes, Ixodidae) of the hare Lepus tolai in Turkmenia. O. V. Afanasyeva, I. U. I. Sapozhenkov, Izv. AN Turk. SSR, Ser. biol. nauk no. 4:91-92 '65.

TURKIC—POPULATION

The 1959 census and the population of Turkmenia. G. Sh. Bukharova, Izv. AN Turk. SSR, Ser. obshchestv. nauk no. 1:51-61 '65.

TURKIC—POULTRY—DISEASES AND PESTS

Age-related and seasonal dynamics of Coccidium infection of chicks in Turkmenistan. V. S. Glebozdin, Izv. AN Turk. SSR, Ser. biol. nauk no. 3:76-78 '65.

TURKIC—PYRALID MOTHS

Characteristics of the way of life and phenology of pyralid moths (Lepidoptera, Pyralidae). G. A. Khamidkhodzhaev, Izv. AN Turk. SSR, Ser. biol. nauk no. 3:61-69 '65.

TURKIC—SEISMIC WAVES

Structure of the upper part of the subcrustal layer in Turkmenia according to data on the exchanged waves of earthquakes. N. K. Bull. Seism. iuzl. no. 6:84-90 '65.

TURKIC—SEPOLCHRAL MONUMENTS

Proportionality of the Tekesh Mausoleum. M. N. Balaev, Izv. AN Turk. SSR, Ser. obshchestv. nauk no. 1:85-89 '65.

TURKIC—TAKYR

Leaching of takyr and takyr-like soils by flow of surface water in furrows. N. K. Iuliyenko, Izv. AN Turk. SSR, Ser. biol. nauk no. 3:29-36 '65.

TURKIC—TERMITES

Biology of termites of the genus Anacanthotermes (Isoptera, Hodotermitidae) in Turkmenia. L. V. Serdyukova, Izv. AN Turk. SSR, Ser. biol. nauk no. 1:60-61 '65.

TURKIC—TICKS

Material on the Ixodid ticks (Parasitiformes, Ixodidae) of the hare Lepus tolai in Turkmenia. O. V. Afanasyeva, I. U. I. Sapozhenkov, Izv. AN Turk. SSR, Ser. biol. nauk no. 4:91-92 '65.

TURKIC—TULIPS—VARIETIES

Guide for determining tulip species of Turkmenistan in the state of fruiting. S. N. Abayeva, Izv. AN Turk. SSR, Ser. biol. nauk no. 3:81-84 '65.

TURKIC—WILDLIFE, CONSERVATION OF

General scientific principles of fauna protection. G. I. Demchenov, Izv. AN Turk. SSR, Ser. biol. nauk no. 3:3 '65.

TURKIC—ZOOLOGY—CONGRESSES

First State Conference of the Young Zoologists. A. O. Tashliev, E. A. Kitushkin, Izv. AN Turk. SSR, Ser. biol. nauk no. 3:83-84 '65.

TURNING

Calculating elastic deformations of a technological system taking into consideration the feed force in machining on lathes. A. L. Chizhukin, Trudy LPI no. 250:47-55 '65.

Experimental lathe for turning metals in the speed range from 5,000 to 70,000 meters per minute. V. V. Vichukov, Trudy LPI no. 250:61-61 '65.

High-efficiency heavy-feed finish turning of heat-resistant steels. A. K. Balkalov, R. V. Khalifa, Mashinostroenie no. 6:30-32 S-O '65.

Improving the control of the diameters of large shafts machined on lathes. A. S. Arzakov, N. V. Nikitkov, Trudy LPI no. 250:17-21 '65.

TUROVTSSEV, MIKHAIL MIKHAILOVICH, 1915-1965

Mikhail Mikhailovich Turvovtsev; an obituary. Pochtovedenie no. 8:127 Ag '65.

TURPENTINING

Mantlukov, A. E., and G. G. Romanovskii. [Use of the viscous sulfuric acid solutions of capron in turpentine] Primenenie vyzkikh sernokapronovoy kapronov kaprona v prodsochnom proizvodstve. Moskva, Lesnaya promyshlennost', 1965. 28 p.

TURPENTINING—EQUIPMENT AND SUPPLIES

New proportions for the chemical back spray gun.
P. S. Al'bin. *Gidroliz i isosol'ma prom.* 18 no. 6 21 '65.

TURUKHANSK REGION (KHASNOYARSK TERRITORY)—GEOLOGY, STRATIGRAPHIC

Angular unconformities at the boundary of the Cambrian and Pre-Cambrian of the Turukhansk region. O. A. Volakh. *G. V. Kozlov. Geol. i geofiz.* no. 7-109-111 '65.

TUSOCK MOTHS

Neurosecretion and voltinism in the tussock moth *Orygia antiqua* L. (Lepidoptera, Lymantriidae). T. V. Kind. *Ent. obozr.* 41 no. 3, 551-556 '65.

TUTKOVSKIY, PAVEL A. POLLONOVICH, 1858-1930—BIBLIOGRAPHY see Bibliography—Tutkovskiy, Pavel Apollonovich, 1858-1930

TUVA A.S.S.R.—FOREST SOILS

Mountain taiga soils of the northern taiga in the eastern Tuva. I. V. Vishnevskaya. *Pochvovedenie* no. 8, 31-43 Ag '65.

TUVA A.S.S.R.—GEARSKUTITE

Gearskutite from Tuva. T. N. Gagar'eva and others. [Tuva] *Inst. geol. i geofiz. Sib. otd. AN SSSR* no. 32 56-60 '65.

TUVA A.S.S.R.—INSCRIPTIONS, TURKIC

Monuments of the old Turkic language of Tuva) Pam. *dozvedniuk. pis'*. Tuva no. 1 '63.

TUVA A.S.S.R.—ROCKS, IGNEOUS

Some characteristics of the near-surface Baytaginskii Massif (western Tuva). A. A. Kochetkov. *Izv. vys. ucheb. zav., geol. i razv.* 8 no. 8 61-72 S '65.

TVER PROVINCE—SERFDOM

The peasants of a large quilt rent patrimonial estate in the first half of the 19th century, the Molodotudskoye estate of the Sheremeteys in Tver Province. I. D. Koval'chenko. *Vest. Mosk. univ.* Ser. 8, lit. 20 no. 4 66-86 Ji-Ag '65.

2, 4-D—EFFECT ON PLANTS see Plants, Effect of 2, 4-D on

TYPE AND TYPE FOUNDED

Shitgal, A. G. [Selection of the printing type in the design of modern books in the U.S.S.R. and foreign countries] *Shitgalov oformleniye sovremennoi kul't SSSR i zarubezhnykh stran.* Moskva, Vses. maushino-izv. in-1 poligraficheskoi promyshl., 1964 37 p. 23 plates. (Obozr. otechestvennykh i zarubezhnykh izdaniy) [MICROFILM]

TYPESETTING

Fidel'mant, I. B. [Coded editorial copy for automatic typesetting; technology of the preparation and organization in the editing-publishing process] *Kodirovanniy izdatel'skiy original dlya avtomaticheskogo nabora, tekhnologiya podgotovki i organizatsiya redaktsionno-izdatel'skogo protsessa.* Moskva, Kniga, 1965 163 p.

TYPHOID FEVER

Concentrating and motor function of the gallbladder in typhoid fever and acute and chronic dysenteries; based on cholecystographic and cholecystographic data. G. V. Klyvak. *Trudy I-go MMI* 39:208-216 '65.

Experimental study of the possibility of reducing the toxicity of typhoid fever vaccines for irradiated animals. V. N. Mal'nev. *Zhurn. mikrobiol., epid. i immun.* 42 no. 8:88-91 Ag '65.

X-ray diagnosis of disorders of the motor function of the gallbladder in typhoid fever patients and in healthy persons. G. V. Klyvak. *Trudy I-go MMI* 39:165-168 '65.

TYPHOID FEVER—PREVENTIVE INOCULATION

Treatment of typhoid fever with levomycesin combined with the introduction of vaccine intradermally or by means of electrophoresis. P. A. Al'asov, A. P. Karyntsev. *Sov. med.* 28 no. 9:98-71 S '65.

TYPHUS FEVER see subdivision under Buryat A.S.S.R.

TYRNYAUZ (KABARDINO-BALKAR A.S.S.R.)—MINES AND MINERAL RESOURCES

Tyrnyauz Combine is 25 years old. P. F. Krivohkov. *Gor. zhur.* no. 9:3-6 S '65.

TYRNYAUZ (KABARDINO-BALKAR A.S.S.R.)—ORE DRESSING PLANTS

Tyrnyauz ore dressing plant. V. M. Dubinin and others. *Gor. zhur.* no. 9:10-11 S '65.

TYULENIY ISLAND—SEALS (ANIMALS)

Molting of male seals on the Tyuleniy Island. V. A. Bychkov. *Ryb. khoz.* 41 no. 7 23-24 '65.

TYUMEN'—LOADING AND UNLOADING

In the port of Tyumen'. I. Kupchik. *Rech. transp.* 24 no. 8:17 '65.

TYUMEN' PROVINCE—INLAND WATER TRANSPORTATION

In the struggle for the realization of the seven-year plan. A. Bologov. *Rech. transp.* 24 no. 8 13-14 '65.

TYUMEN' PROVINCE—INSURANCE, SOCIAL

Our method of supervision. M. Chirkova. *Sots. obespe.* 26 no. 6 16-19 Je '65.

UDA VALLEY (KHABAROVSK TERRITORY)—BOTANY

Flora and vegetation in the basin of the Uda River (Khabarovsk Territory). I. U. A. Doronina. *Iz. SO AN SSSR* no. 8 Ser. biol.-med. nauk no. 2 23-27 '65.

UDDER

Productivity of the individual mammary glands in Red Lithuanian cows. I. Petrakis. A. Norvus. *Dokl. Akad. sci. Polsh. nauk* no. 5:25-29 My '65.

UDDER—DISEASES

Treating mastitis in ewes. M. I. Ponomareva. V. I. Druziko. *Veterinaria* 42 no. 7:86-87 Ji '65.

UDMURT A.S.S.R.—GEOLOGY, STRATIGRAPHIC

Stratigraphy and oil potential of Pre-Middle Devonian sediments in Perm Province and the Udmurt A.S.S.R. A. A. K. Vlasova, A. V. Kutukov, F. M. Udovichenko. *Izv. vys. ucheb. zav., geol. i razv.* 8 no. 8 21-27 S '65.

UDMURT A.S.S.R.—GEOMORPHOLOGY

Basic characteristics of the geomorphology of the Udmurt A.S.S.R. A. N. Tupatlova. *Uch. zap. Ped. inst. Gerts* 267:16-32 '64.

UGURS

Chokan Valikhanov as a researcher on the Ugurs. A. Kal'darov, K. Khazanov. *Izv. AN Kazakh. SSR. Ser. obshchestv. nauk* 3 no. 3 34-46 My-Je '65.

UKHITOMSKIY, ALEKSEY ALEKSEEVICH, 1775-

A. A. Ukhitomskiy on his 90th birthday. I. A. Arslavskiy. *Vest. LGU* 20 no. 15 5-11 '65.

UKRAINE—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Strengthen the repair and maintenance base in villages. V. Fedan. *Komm. Ukr.* 40 no. 8:33-40 S '65.

UKRAINE—AGRICULTURE—FINANCE

Improve the efficiency level of capital investments in agriculture. A. Sytalo. *Ekon. Rad. Ukr.* 8 no. 6:38-42 Ag '65.

Improving the efficiency of capital investments in agriculture. *Ekon. Rad. Ukr.* 8 no. 9:86-91 S '65.

UKRAINE—ALLIED INTERVENTION, 1918-1920

Kaipenko, O. I. U. [Imperialist intervention in the Ukraine, 1918-1920] *Imperialistichna interventsia na Ukraini 1918-1920.* [Lviv] Vyd-vo Lviv's'koho univ., 1964. 254 p.

UKRAINE—ARBITRATION AND AWARD

State Arbitration Agency. *Rad. pravo* 28 no. 6 109-110 '65.

UKRAINE—ARBITRATION AND AWARD—CASES

Arbitration practice. *Rad. pravo* 28 no. 6:102-101 '65.

UKRAINE—ARCHAEOLOGY

Brachevskiy, M. I. U. [At the sources of the Slavic state, socioeconomic development of Chernyakhov's tribes] *Bitva dzhherel slov'ian'koi derzhavnosti, sotsial'no-ekonomichnyi rozvytok chernyakhov's'kykh plemen.* Kyiv, Naukova dumka, 1964. 354 p. (NN)

UKRAINE—BAKERIES

Present state and prospects for the development of the baking industry in the Ukrainian S.S.R. T. K. Troshchenko. *Khar. prom.* no. 3:3-6 Ji-S '65. Ukrainian Republic seminar of the representatives of the baking industry of the Ukraine. *Khar. prom.* no. 3:80-81 Ji-S '65.

UKRAINE—BERRIES—DISEASES AND PESTS

Savkovskiy, P. P., ed. [Pests and diseases of fruit and berry plants, a manual] *Vrediteli i bolezni plodovono-godnykh kul'tur, spravochnik.* 2., dop. i perer. izd. Kiev, Naukova dumka, 1965 287 p. (DNAL)

UKRAINE—BIOCHEMICAL SOCIETIES

First Congress of the Ukrainian Biochemical Society. *Ukr. biokhim. zhur.* 37 no. 4 625-626 '65.

UKRAINE—BIOLOGICAL SOCIETIES

Ten years of the activity of the Kiev Branch of the All-Union Scientific Society of Anatomy, Histology and Embryology, 1953-1963. M. S. Spirou. *Arkh. anat., giat. i embriol.* 49 no. 6:115-116 Ag '65.

UKRAINE—BIONICS

Present state and future development of the research in the field of bionics in the institutions of the Academy of Sciences of the Ukrainian S.S.R. *Dop. AN URSSR* no. 8:1248-1249 '65.

UKRAINE—BIRTH (IN RELIGION, FOLKLORE, ETC.)

Why such superstitions? B. Khar'chenko. *Sov. profsoyuz* '71 no. 19 35 O '65.

UKRAINE—BOTANY

Akademiya nauk URSS, Kiev. *Instytut botaniky.* [Key for the identification of plants in the Ukraine] *Vyznachnyk roslyn Ukrainy.* Vyd 2, vyp. i dop. Kyiv, Urozhai, 1965. 876 p.

UKRAINE—BRIDGES—DESIGN AND CONSTRUCTION

Alilov, A. I. A. [Roads over water] *Dorogi nad vodami.* Kiev, BudWel'nyk, 1965. 153 p.

UKRAINE—BUILDING MATERIALS INDUSTRY

Asbes and slag of a thermoelectric power plant are valuable raw materials. A. Komar and others. *Ekon. Rad. Ukr.* 8 no. 8:91-92 Ag '65.

UKRAINE—BUILDING MATERIALS INDUSTRY—FINANCE

We are working profitably. L. Cherednychenko. *Ekon. Rad. Ukr.* 8 no. 8:87-89 Ag '65.

UKRAINE—BUILDINGS—MAINTENANCE AND REPAIR

Improving the layout of old residential buildings according to the needs of the Housing Fund of the Ukrainian S.S.R. S. B. Brats. *Nauch. trudy VNIIT* no. 31 46-52 '61.

UKRAINE—CELADONITE

Find of celadonite in the weathering surface of korosten' gneisses. N. I. Buchynska, V. I. Kondrichuk. *Dop. AN URSSR* no. 9:1211-1218 '65.

UKRAINE—CERAMICS

In glass and porcelain plants of the Ukraine. *Stek i ker.* 22 no. 7 42 Ji '65.

UKRAINE—CHALCID FLIES

Species of the genus *Tetramesa* Wlk. (Hymenoptera, Eurytomidae) damaging *Stipa*, *Bromus*, *Zerna* in the Ukrainian S.S.R. M. D. Zetova. *Ent. obozr.* 44 no. 3: 632-650 '65.

UKRAINE—CHEESE INDUSTRY

Economic efficiency of the production of rindless cheese in the factories of the Ukrainian S.S.R. A. M. Myl'nikov. *Khar. prom.* no. 3:76 Ji-S '65.

UKRAINE—CHEMICAL INDUSTRIES—BIBLIOGRAPHY

Vashchenko, Z. M. [Chemical mineral raw materials of the Ukrainian S.S.R. (1917-1964), a bibliographic index to the literature] *Khimichna mineral'na syrovyna Ukrainy kol' SSR (1917-1963 r.r.), bibliografichnyi pokazhechyk literatury.* Kyiv, Naukova dumka, 1965. 158 p.

UKRAINE—CHEMISTRY, PHYSICAL AND THEORETICAL—CONGRESSES

Session of the Scientific Council on the problem "Theory of chemical kinetics, kinetics, and reactivity." A. I. Lepesa. *Dop. AN URSSR* no. 8 1253-1251 '65.

UKRAINE—CHURCH HISTORY

Zavitnevych, Vasyl', comp. [Hymns from the Lenten Triodon] *Spivny iz Postovoi Triodi.* New York, 1960. 111 p. (NSyU)

Zavitnevych, Vasyl', comp. [Hymns in the Liturgy] *Spivny na Liturgii.* New York, 1963. 399 p. (NSyU)

UKRAINE—CITY PLANNING

Planning the development of small, medium-size, and large cities. A. Sych. *Ekon. Rad. Ukr.* 8 no. 9:55-59 S '65.

UKRAINE—COAL MINES AND MINING

Results of some experimental studies on the conveyor bridges at the Baydak and Semenov-Golovkovskii coal strip mines. V. N. Trudov. *Izv. DGI* 41 pt. 2 75-76 '62.

UKRAINE—COKE INDUSTRY

Some problems of economics in the coke and coal chemicals industry of the Ukrainian S.S.R. V. A. Leites, I. F. Loranov. *Koks i khim.* no. 9:54-58 '65.

UKRAINE—COLLECTIVE FARMS—INTERFARM COOPERATIVE

Cooperative farm sections and incubator stations are profitable to collective farms. O. Tykhonova. *Ekon. Rad. Ukr.* 8 no. 8:87-89 Ag '65.

UKRAINE—COLLECTIVE FARMS—PRIVATE PLOTS

Role of collective farmers' private plots in the collective farm production system. E. Laniuk. *Ekon. Rad. Ukr.* 8 no. 8:43-48 Ag '65.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION

L'viv, Universitet. [Collection of works by graduate students of the Department of History of the CPSU] *Zbirnyk robot aspirantiv Kafedry istorii KPRS.* [Lviv] 1963. 125 p.

UKRAINE—CONSPIRACIES

The manufacture of goods not accounted for is a crime.
A Honcharenko. Rad.pravo 28 no 6 35-39 '65

UKRAINE—CONSTRUCTION INDUSTRY—COSTS

For a systematic reduction of production costs. B. Lysy-tayn. Ekon.Rad.Ukr. 8 no.9 32-37 Ag '65.

UKRAINE—CONVICT LABOR

The work of inspection committees requires serious attention. I Shishlov. Rad.pravo 28 no.6 16-21 '65

UKRAINE—COURTS

In the Supreme Court of the Ukrainian S.S.R. Biul. Verkh. Suda no.4 44 '65.

Plenum of the Supreme Court of the Ukrainian S.S.R. Biul. Verkh. Suda no.4 42-43 '65.

UKRAINE—CREDIT

Extending credit for capital expenditures. I. Bel'tsov. Den. kred. 23 no.9 32-34 S '65.

UKRAINE—CRIME PREVENTION

Crime prevention and unsettled problems of criminal procedure. F. Lopushans'kyi. Rad.pravo 28 no.6 39-42 '65.

Make better use of the strength of public influence. O. Lashchovych. Rad.pravo 28 no.6 75-78 '65

UKRAINE—CRIMINAL INVESTIGATION

Volunteer aides of an investigator. A. Hornyts'kyi. Rad.pravo 28 no.6 32-35 '65

UKRAINE—CRIMINAL PROCEDURE

Crime prevention and unsettled problems of criminal procedure. F. Lopushans'kyi. Rad.pravo 28 no.6 39-42 '65.

UKRAINE—DESIGN, DECORATIVE

[Ukrainian decorative design] Ukrains'ki dekorativni rozpyssy. 2 vyd. Kyiv, [Mystetstvo] 1964. 12 p. 26 plates. (NN)

UKRAINE—DISTILLERY BY-PRODUCTS

Processing of the wastes and production resources of the Ukrainian distilleries. I. I. Rizberg. Perm. i spir. prom. 31 no.6 34-36 '65

UKRAINE—DISTILLING INDUSTRIES

Prospects for the development of the distilling industry in the Ukrainian S.S.R. during the period from 1966 to 1970. V. I. Hntovt. Khar.prom. no.3 7-10 Ji-S '65

UKRAINE—ECONOMIC POLICY

Complete the seven-year plan successfully. Ekon. Rad. Ukr. 8 no.9 3-6 S '65.

UKRAINE—ELECTRIC POWER PRODUCTION—BY-PRODUCTS

Ashea and slag of a thermoelectric power plant are valuable raw materials. A. Komar and others. Ekon. Rad. Ukr. 8 no.8 91-92 Ag '65.

UKRAINE—EMBEZZLEMENT

The manufacture of goods not accounted for is a crime. A. Honcharenko. Rad.pravo 28 no.6 36-39 '65

UKRAINE—EVENING AND CONTINUATION SCHOOLS

In the Ministry of Education of the Ukrainian S.S.R. Rad.shk. 44 no.9 104-106 S '65.

UKRAINE—EVIDENCE, EXPERT

Distinguishing characteristics of the criminalistic investigation of similar signatures of namesakes. A. Brod's'ka. Rad.pravo 28 no.6 80-83 '65.

UKRAINE—FACORIES—HEATING AND VENTILATION

Effect can be considerable. R. Daglajaskii. Okhr.truda i soets. strakh. 8 no.9 16-17 S '65

UKRAINE—FARM MECHANIZATION

Here are the potentials! F. Simakov. Ekon. Rad. Ukr. 8 no.9 92-93 S '65.

UKRAINE—FARM PRODUCE—MARKETING

Problems of the present-day development of the collective-farm trade. A. Holovach, M. Ostapenko. Ekon. Rad. Ukr. 8 no.9 69-73 S '65.

UKRAINE—FIELD CROPS—FERTILIZERS AND MANURES

Dmytrenko, P. O. [Keys to fertility; ways for the effective use of mineral fertilizers in the Ukraine] Kluch do rodulichosti i shliakhy efektyvnoho zasosuvannya mineral'nykh dobrov na Ukraini. Kyiv, 1965. 45 p. (Tovarystvo "Znannya" Ukrains'koï RSR. Seriya VII, no.9)

UKRAINE—FIELD CROPS—TRANSPORTATION

Transport the crops in due time and without losses. S. P. Kepitanuk, N. E. Goncharov. Zhel.dor. transp. 47 no.8 15-19 Ag '65.

UKRAINE—FOLK ART

[Ukrainian decorative design] Ukrains'ki dekorativni rozpyssy. 2 vyd. Kyiv, [Mystetstvo] 1964. 12 p. 26 plates. (NN)

UKRAINE—FOREIGN ECONOMIC RELATIONS

Fraternization cooperation between the Ukrainian S.S.R. and the socialist countries. M. Getmanets. Komm. Ukr. 10 no.9 41-52 S '65.

UKRAINE—FRUIT—DISEASES AND PESTS

Savkovskii, P. P., ed. [Pests and diseases of fruit and berry plants, a manual] Vveditteli i bolezni plodovogolagodynykh kul'tur, spravochnik 2, dop. i peior. izd. Kyiv, Naukova dumka, 1965. 287 p. (DNAL)

UKRAINE—GEOCHEMICAL PROSPECTING

Mitskevych, B. F. [Geochemical methods of prospecting and the conditions for their use in the Ukraine and in Moldavia] Geokhimichni metody i osoblykly ta umovy ikh zasosuvannya na Ukraini i v Moldavii. Kyiv, Naukova dumka, 1965. 127 p.

UKRAINE—GEOGRAPHY

Akademii nauk URSR, Kiev. [Applied problems of the geography of the Ukrainian S.S.R.] Prykladni pytannya geografii Ukrainy'koï RSR. Kyiv, Naukova dumka, 1964. 129 p. (MH)

UKRAINE—GEOLOGICAL TIME

Akademii nauk URSR, Kiev. Instytut geologichnykh nauk. [Geochronology of the Precambrian of the Ukraine] Geokhronologiya dokembriia Ukrainy. Kiev, Naukova dumka, 1965. 261 p.

UKRAINE—GEOLOGY

Akademii nauk URSR, Kiev. Komissia vyvchennia chetvertynnoho periodu. [Materials on the Quaternary period of the Ukraine] Materialy po chetvertynnomu periodu Ukrainy. Otv. red. V. G. Bondarchuk. Red. vyp. V. N. Shelkopiias. Kiev, Naukova dumka, 1965. 328 p. (K VII kongresu Mezhdunarodnoi Assotsiatsii po izucheniu chetvertynnoho perioda (INQUA))

UKRAINE—GEOLOGY, STRATIGRAPHIC

Slénzak, O. I. [Structure of the Precambrian of the Ukraine as exemplified by the southwestern part of the Ukrainian crystalline shield] Pro strukturu ukrains'koho dokembriia, na prykladni pvidno-zakhidnoi chastyny Ukrainy'koho krystalichnoho shchytia. Kyiv, Naukova dumka, 1965. 137 p.

UKRAINE—GLASS MANUFACTURE

In glass and porcelain plants of the Ukraine. Stk. i ker. 22 no.7 42 Ji '65.

Trends in the development of the glass and porcelain-fabrics industry of the Ukrainian S.S.R. O. A. Bezvershuk. Leh.prom. no.3 8-9 Ji-S '65.

UKRAINE—HISTORY

Akademii nauk URSR, Kiev. Instytut istorii. [Documents on the liberation war of the Ukrainian people, 1648-1654] Dokumenty ob osvoboditel'noi voine ukrainskogo naroda 1648-1654 gg. Kiev, Naukova dumka, 1965. 824 p.

Kashynenko, A. K. [History of the Ukrainian S.S.R.; a popular outline] Istoriia Ukrainy'koï RSR, popularnyi ocherk. Kiev, Naukova dumka, 1965. 487 p.

Kononenko, K. S. [Ukraine and Russia: socioeconomic foundation of the Ukrainian national idea, 1917-1960] Ukraina i Rosiia, sotsial'no-ekonomichni pidstavy ukrains'koi natsional'noi idei 1917-1960. Munich, 1965. 535 p. (Munich, Ukrainy'kyi tekhnichno-hospodars'kyi instytut. Seriya: Monografi, no.1)

Mirchuk, Petro. [For clarity in the position of the Ukrainian Liberation Movement] Za chystotu pozysti Ukrainy'koho vyzvol'nogo rukhu. Munich, 1965. 184 p. (NN)

UKRAINE—HOURS OF LABOR

New work schedule and new demands. O. Trostakov. Ekon. Rad. Ukr. 8 no.8 76-82 S '65.

UKRAINE—HYDROLOGY—RESEARCH

Beginning of hydrologic observations on the rivers of the Ukraine. G. I. Shvets. Trudy UkrNIGMI no.5 105-115 '65.

UKRAINE—INCENTIVES IN INDUSTRY

Material incentives and production quality. M. Nikolaiev. Ekon. Rad. Ukr. 8 no.8 7-11 S '65.

UKRAINE—INDUSTRIAL MANAGEMENT

The Ukrainians have started. It is time the Kazakhs did, too. Nar. khoz. Kazakh, 23 no.9 9-10 S '65.

UKRAINE—JUVENILE DELINQUENCY

Improve the work of the procuracy in the prevention of juvenile crime. M. Mykheenko, V. Shaposhnykov. Rad.pravo 28 no.6 46-50 '65.

UKRAINE—LABOR AND LABORING CLASSES

Kiev. Tsentral'nyi derzhavnyi istorichnyi arkhiv. [Labor movement in the Ukraine during the years of reaction, June 1907-October 1910, a collection of documents] Robitnychi rukh na Ukraini v roky reaktsii (cheven' 1907 i. - zhovten' 1910 i.); zbirnyk dokumentiv. Kyiv, Naukova dumka, 1965. 333 p.

UKRAINE—LAW—CASES

From the judicial practice of the Supreme Court of the Ukrainian S.S.R. Rad.pravo 28 no.6 81-99 '65.

UKRAINE—LAWYERS

An advocate is a public worker. O. Korot'kyi. Rad.pravo 28 no.6 84-85 '65.

UKRAINE—LOESS

Nature of soil deformations in the loess of the southern Ukrainian S.S.R. V. P. Kravchuk. Dop. AN Ukr. 1965, 1200-1203 '65.

UKRAINE—MANUFACTURES

Summer commerce. G. Sakmoukii. Sov. toig. 13 no.8 16-17 Je '65.

UKRAINE—MEDICINE

Vitte, M. K. [Development of medical science in the Ukraine] Rozvytok medychnoi nauky na Ukraini. Kyiv, Zdrov'ia, 1965. 51 p. (DNLM)

UKRAINE—MINES AND MINERAL RESOURCES—BIBLIOGRAPHY

Vashchenko, Z. M. [Chemical mineral raw materials of the Ukrainian S.S.R. (1917-1964), a bibliography of literature to the literature] Khimichesna mineralna syrovyna Ukrainy'koï RSR (1917-1964 rr.), bibliografiia knyz pokazalchyk literatury. Kyiv, Naukova dumka, 1965. 158 p.

UKRAINE—NOTARIES

Certain problems in notarial practice. V. Kurmetov. Rad.pravo 28 no.6 73-75 '65.

UKRAINE—OAK

Viability of oak clusters in the forest-steppe. L. V. Sazonov. Agr. biologiya no.5 720-737 S '65

UKRAINE—OFFENSES AGAINST SOCIALIST PROPERTY

Prevention of thefts of waste materials during their storage and processing. N. Volod'ko. Stk. i ker. 11 no.8 62-63 Ag '65

UKRAINE—PAROLE

Release on parole or probation should be an effective means of reeducation of convicted persons. M. Hrebeniakov. Rad.pravo 28 no.6 67-68 '65.

UKRAINE—PEACH—VARIETIES

Introduction and acclimatization of foreign forms of peaches. I. M. Shatun. Biul. Glav. bot. sadu no.5 1-13 24 '65.

UKRAINE—PEASANTRY

Lukova, O. I. [Agricultural proletariat of the southern part of the Ukraine during the period of capitalism] Shlyakhohospodars'kyi proletariat pivdnia Ukrainy v period kapitalizmu. Kyiv, Naukova dumka, 1965. 189 p.

UKRAINE—PENALTIES, CONTRACTUAL

Perfecting the system of penalty clauses in economic contracts. M. Bragyns'kyi. Rad.pravo 28 no.8 61-64 '65.

UKRAINE—PHILOSOPHY

Akademii nauk URSR, Kiev. [From the history of philosophical thought in the Ukraine] Z istorii filozofskoi dumky na Ukraini. Kyiv, Naukova dumka, 1965. 191 p. (Respublikans'kyi mizhvidomchyi zbiryk)

Results of and prospects for the development of human and animal physiology in the Ukraine. O. I. Makarchenko. Fiziol. zhur. [Ukr.] 10 no.3 287-300 My. Je '64.

UKRAINE—PIKE PERCH

Tolstachuk, M. A. [Biology and cultivation of Dnieper pike perch in closed bodies of water] Biologiya i razvedenie dneprovskogo sudaka v zamknykh vodotekakh. Kiev, Naukova dumka, 1965. 256 p.

UKRAINE—POLITICS AND GOVERNMENT

Ukrainian Verkhovna rada. [Meetings of the Supreme Soviet of the Ukrainian S.S.R. The fifth anniversary session of May 22, 1964. Verbatim report] Zasluchannya Verkhovnoi rady Ukrainy'koï RSR. P'ята, tsviaina sesia 22 travnia 1964 r. Stenografichnyi zvit. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1964. 186 p. (NN)

UKRAINE—POTATOES

Studying the suitability of potato varieties grown in the Ukraine for the production of potato chips. A. V. Kolomoiskii. *Komsivprom* 20 no. 9-10-21 S '65.

UKRAINE—POTTERY

Trends in the development of the glass and porcelain-fence industry of the Ukrainian S.S.R. O. A. Bezverzhuk. *Lch.prom.* no. 3 6-9 JI-S '65.

UKRAINE—PROBATION

Release on parole or probation should be an effective means of reeducation of convicted persons. M. Bezverzhukov. *Rad.pravo* 28 no. 6 57-68 '65.

UKRAINE—PUBLIC PROSECUTORS

In the Procuracy of the Ukrainian S.S.R. *Rad.pravo* 28 no. 8 111-112 '65.

UKRAINE—PUBLISHERS AND PUBLISHING

Fruits of ignorance of the law. O. Liukhovich. *Sots.zakon.* 12 no. 8 95 '65.

UKRAINE—QUALITY CONTROL

Material incentives and production quality. M. Nikolaiev. *Ekon.Rad.Ukr.* 6 no. 9 7-11 S '65.

UKRAINE—RAILROADS—FREIGHT

Transport the crops in due time and without losses. S. P. Kapitaniuk, N. I. Goncharov. *Zhelf.dor.tansp.* 47 no. 8 15-10 Ag '65.

UKRAINE—RECIDIVISTS

The finding that a person is an especially dangerous recidivist must be well grounded. V. Tkachenko. *Rad.pravo* 28 no. 6 55-59 '65.

UKRAINE—RECONSTRUCTION

Kudlai, O. S. [The working class of the Ukraine in the effort for the reconstruction and development of industry during the postwar period] *Robotnychi klas Ukrainy'koï RSR u borot'by za vzbudovu i rozvytok promyslovosti v pislavoiennyi period*. Kyiv, Naukova dumka, 1965. 294 p.

UKRAINE—REHABILITATION OF JUVENILE DELINQUENTS

Participation of the community in the reeducation of juvenile delinquents. V. Bryzhalov, V. Klymenchuk. *Rad.pravo* 28 no. 6 27-30 '65.

UKRAINE—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA

Meeting of Ukrainian and Slovak scholars. M. H. Rad.lit. 9 no. 8 93 Ag '65.

UKRAINE—RESEARCH

Various information. *Dop. AN URSS* no. 0 1219-1250 '65.

UKRAINE—RESERVOIRS

Influence of reservoirs on the flow of rivers of the Ukraine. E. I. TSarenko. *Trudy UkrNIGMI* no. 51 59-65 '65.

UKRAINE—RETAIL TRADE

Summer commerce. G. Sakhnovskii. *Sov.torg.* 38 no. 8 15-17 Je '65.

UKRAINE—ROCKS, CRYSTALLINE AND META MORPHIC *Tanlyshyn, M. M., A. P. Zafeta, and V. P. Kutsa.* [Accessory rare minerals and dispersed elements in metamorphic rocks of the Ukrainian crystalline shield] *Aktsiorni rikidni mineraly ta rozslani elementy v metamorficheskikh porodakh ukrains'koho krystalichnoho shchytia*. Kyiv, Naukova dumka, 1965. 69 p.

UKRAINE—RUNOFF

Influence of reservoirs on the flow of rivers of the Ukraine. E. I. TSarenko. *Trudy UkrNIGMI* no. 51 59-65 '65.

Study of calculation parameters of the annual flow of rivers of the Ukraine. S. S. Levkovskii. *Trudy UkrNIGMI* no. 51 21-31 '65.

UKRAINE—SALVAGE (WASTE, ETC.)

Prevention of thefts of waste materials during their storage and processing. N. Volod'ko. *Sots.zakon.* 42 no. 8 62-63 Ag '65.

UKRAINE—SCHOOL SUPERVISION

Qualified school supervision as a guaranty of success. A. H. Bondar. *Rad.shk.* 44 no. 8 1-10 S '65.

UKRAINE—SEDIMENTATION AND DEPOSITION

Maistrenko, I. H. [Organic matter of the water and bottom sediments of rivers and bodies of water of the Ukraine; the Dniester and Danube watersheds] *Organicheskie veshchestvo vody i donnykh otlozhenii rek i vodotokov Ukrainy; basselny Dnepra i Dunala*. Kiev, Naukova dumka, 1965. 238 p.

UKRAINE—SENTENCES (CRIMINAL PROCEDURE)

The finding that a person is an especially dangerous recidivist must be well grounded. V. Tkachenko. *Rad.pravo* 28 no. 6 55-59 '65.

UKRAINE—SERVICE INDUSTRIES

Vital problems of developing services to the population. M. Bickov, V. Bondarenko, M. A. Molynskyi. *Fron.Rad.Ukr.* 8 no. 9 12-18 S '65.

UKRAINE—SEWAGE—PURIFICATION

Utilization of municipal sewage waters in fish culture. V. S. Plesnyak, K. I. Danylov. *Khar.prom.* no. 3 81-82 JI-S '65.

UKRAINE—SHOE INDUSTRY

Basic trends in the further improvement of the work of shoe industry enterprises. M. Z. Vasiliuk. *Lch.prom.* no. 3 3-6 JI-S '65.

UKRAINE—SHOE INDUSTRY—MANAGEMENT

Potentials of increasing the profitability of production in the shoe industry. T. Bezruchko. *Ekon.Rad.Ukr.* 8 no. 9 36-40 S '65.

UKRAINE—SIGNATURE (LAW)

Distinguishing characteristics of the extrajudicial investigation of similar signatures of namesakes. A. Bondarenko. *Rad.pravo* 28 no. 6 80-83 '65.

UKRAINE—SLAG

At the source of fiery rivers. M. Konontsov. *Ekon.Rad.Ukr.* 8 no. 8 90-91 Ag '65.

UKRAINE—SMALL CLAIMS COURTS

The need of uniform rules of procedure for the review of property litigations up to 100 rubles. M. Rekechynskyi. *Rad.pravo* 28 no. 6 61-67 '65.

UKRAINE—SNOW SURVEYS

Calculation of the average snow reserves in a basin accounting for snow accumulation in the forest. L. T. Pashova. *Trudy UkrNIGMI* no. 51 53-58 '65.

Irregularity of snow deposition and its calculation in determining snow reserves. A. B. Kryzhanovskain. *Trudy UkrNIGMI* no. 51 47-52 '65.

Meteorological conditions of effective thaws and water yields from snow. A. B. Kryzhanovskain. *Trudy UkrNIGMI* no. 51 87-94 '65.

UKRAINE—SOCIALIST COMPETITION

Sydorenko, V. P. [Along the path of great initiative] *Shliakhom velykoho pochyngu*. Kyiv, Naukova dumka, 1965. 180 p.

UKRAINE—SOVIETS

From the meetings of local soviets. *Rad.pravo* 20 no. 6 108 '65.

UKRAINE—STATISTICS

[National economy of the Ukrainian S.S.R. in 1963; a statistical abstract] *Narodne hospodarstvo Ukrainy'koï RSR v 1963 rotsi, statystychni shchotrachayk*. Kyiv, Statystyka, 1964. 653 p.

UKRAINE—STOCK AND STOCKBREEDING

Cooperative farm sections and incubator stations are profitable to collective farms. O. Tykhonova. *Ekon.Rad.Ukr.* 8 no. 6 57-60 Ag '65.

UKRAINE—SUGAR INDUSTRY—FINANCE

Changes in the capital yield of the sugar industry in the Ukrainian S.S.R. M. M. Makhina, V. L. Mar'ianchik. *Sakh.prom.* 39 no. 8 51-55 Ag '65.

UKRAINE—SUNFLOWERS—DISEASES AND PESTS

Chemical methods for suppressing soil infection by the agent of sunflower rot (*Sclerotinia libellana*). A. I. Lukashovich. *Khim. v sel' khoz.* 3 no. 8 22-25 Ag '65.

UKRAINE—TECHNOLOGICAL INNOVATIONS—EXHIBITIONS

Treasures for everybody. A. Svitalo. *Ekon.Rad.Ukr.* 8 no. 8 83-86 Ag '65.

UKRAINE—TOOL AND DIE INDUSTRY

Development of the metal-cutting tool industry in the Ukrainian S.S.R. and problems in the promotion of wider use of synthetic diamonds. *Mashinostroenie* no. 5 3-5 S-O '65.

UKRAINE—UNIVERSITIES AND COLLEGES—GRADUATE WORK

In the Ministry of Education of the Ukrainian S.S.R. *Rad.shk.* 44 no. 9 104-106 S '65.

UKRAINE—VERTEBRATES

Akademika nauk URSS, Kiev. [Terrestrial vertebrates of the Ukraine; ecology, distribution, history of the fauna] *Nazemni khroboitni Ukrainy; ekologiya, pozhynennia, istoriya fauny*. Kyiv, Naukova dumka, 1965. 123 p. (Respublikans'kyi mezhvidomnyi zbirnyk Seria "Problemy zoologii")

UKRAINE—WATER—COMPOSITION

Maistrenko, I. H. [Organic matter of the water and bottom sediments of rivers and bodies of water of the Ukraine; the Dniester and Danube watersheds] *Organicheskie veshchestvo vody i donnykh otlozhenii rek i vodotokov Ukrainy; basselny Dnepra i Dunala*. Kiev, Naukova dumka, 1965. 238 p.

UKRAINE—WATER, UNDERGROUND

Lial'ko, V. I., and G. A. Shneiderman. [Formation and prediction of the resources of underground waters in arid regions, experimental studies in the southern Ukraine] *Formirovani i prognoz resursov podzemnykh vod zasushlyvykh iatov, eksperimental'nye issledovaniia na primere iuga Ukrainy*. Kiev, Naukova dumka, 1965. 188 p.

UKRAINE—WEATHER CONTROL

Experience in working out the approximate criterion determining the possibility of producing artificial precipitation from cumulus clouds in the Ukrainian S.S.R. G. F. Pikhot'ko. *Meteor.i gidrol.* no. 10 36-38 O '65.

UKRAINE—WHEAT

Let us restore the glory of the wheat country. K. D. Liashenko. *Zemledelle* 27 no. 8 31-34 Je '65.

UKRAINE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Serhilenko, H. I. A. [People of heroic deeds; hero of the Great Patriotic War, Mykola Popudrenko] *Liudyna podvihu, heroï Velykoi Vitchyznanoi viny Mykola Popudrenko*. Kyiv, Naukova dumka, 1964. 84 p. (CST-H)

UKRAINE IN LITERATURE AND ART

Kyrchiv, R. F. [The Ukrainian theme in Polish almanacs during the romantic epoch] *Ukrainka v pol's'kykh al'manakhakh doby romantyzmu*. Kyiv, Naukova dumka, 1965. 129 p.

UKRAINIAN AUTHORS see Authors, Ukrainian

UKRAINIAN FOLK SONGS see Folk songs, Ukrainian

UKRAINIAN FOLKLORE see Folklore, Ukrainian

UKRAINIAN LANGUAGE—ADVERBS

Chaplia, L. K. [Adverbs in the Ukrainian language] *Prystynnyky v ukrains'kii movi*. Kharkiv, Vyd-vo Kharkivs'koho derzh. univ., 1960. 122 p. (NIC)

UKRAINIAN LANGUAGE—FOREIGN WORDS AND PHRASES

Orel, Artem. [Dictionary of foreign words] *Slovyk chuzhomovnykh slov*. New York, 1963-1964. 2 v. (NN)

UKRAINIAN LANGUAGE—ORTHOGRAPHY

Rusanivskyi, V. M. [New developments in Ukrainian orthography] *Nove v ukrains'komu pravopysli*. Kyiv, Vyd-vo Akad. nauk URSS, 1962. 38 p.

UKRAINIAN LANGUAGE—STYLE

Kotlubynska, M. F. [Literature as the art of words; some principles of the literary analysis of artistic language] *Literatura yak mystetstvo slova; deiaiki prynstypy literaturnoho analizu khudozhn'oi movy*. Kyiv, Naukova dumka, 1965. 318 p.

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian Literature

UKRAINIAN LITERATURE—HISTORY AND CRITICISM

In a constellation of equals. V. Briuggen. *Vop.lit.* 9 no. 9 233-234 S '65.

Kotlubynska, M. F. [Literature as the art of words; some principles of the literary analysis of artistic language] *Literatura yak mystetstvo slova; deiaiki prynstypy literaturnoho analizu khudozhn'oi movy*. Kyiv, Naukova dumka, 1965. 318 p.

Lohvnenko, M. S. [Literature and science] *Literatura i nauka*. Kyiv, 1965. 46 p. (Tovarystvo "Znannya" Ukrainy'koï RSR. Seria IV, no. 4)

Shablouva, I. S. [By the paths of unity: Ukrainian literature in its historical development] *Shliakhamy iednannia; ukrains'ka literatura v li istorichnomu rozvytku*. Kyiv, Dnipro, 1965. 366 p. (NCU)

UKRAINIAN LITERATURE—TRANSLATIONS INTO RUSSIAN

V. I. Trilovoy as an assistant editor of an anthology of Ukrainian literature. B. M. Syrovovlov. *Rad.lit.* 9 no. 8 71-73 Ag '65.

UKRAINIAN POETRY—HISTORY AND CRITICISM

Riznychenko, T. N. [In the new poetic orbits] *Na novykh poetychnykh orbiitakh*. Kyiv, Naukova dumka, 1965. 181 p. (NCU)

UKRAINIAN SATIRE see Satire, Ukrainian

UKRAINIAN STUDIES

Republic Conference of Young Scholars. V. H. Rad. *lit.* 9 no. 8 93-94 Ag '65.

ULAN-UDE--SOCIAL SETTLEMENTS

Mel'nik, V. S. [For the communistic in everyday life, from experience in educational work with workers in their homes] Za kommunistiche skoe v bytu, iz opyta vospitatel'noi raboty s tsel'skimi po mestu zhitel'stva Ulan-Ude, Buriatskoe iuzhnoe uezd-u, 1964 37 p (CSI-H)

ULCERS

Stimulation of the healing in ulcerous processes in tissues with trophic disorders N. M. Goloshchapov. Vop. onk. 11 no. 9:92-95 '65

UL'IANOV, M

In an even light L. Bulgat. Teatr. 26 no. 3:124-125 '65

UL'IANOVA, MARIA IL'NICHNA, 1878-1937

[M. I. Ul'ianova, sekretay of "Pravda"] M. I. Ul'ianova skhvatit' "Pravdu." [Moskva] Izd-vo "Pravda," 1965 338 p

ULTRASONIC METAL CUTTING

Increase in ultrasonic cutting efficiency L. D. Rozenberg, V. F. Kazantsev, B. Kh. Mechetner. Dokl. AN SSSR 164 no. 2:311-314 '65

Using ultrasonic techniques for the formation of chip-breaking holes on cutting tools. V. M. Lutov, E. E. Chebotarev. Sten. i instr. 36 no. 8:40-41 Ag '65

ULTRASONIC TESTING

End feeler for the UDM-1M ultrasonic defectoscope N. V. Samonov, I. N. Belianko. Mashinostroyeniye no. 5:89-90 S-O '65

Investigating the saturation of a fluid gas system in a porous medium using the ultrasonic method B. A. Belinskii, L. L. Shnir. Nauch.-tekh. sbor. po dok. nefti no. 27:61-66 '65

ULTRASONIC WAVES

Effect of an ultrasonic field on the strength of metals and alloys in the presence of a liquid metal medium P. D. Novokreshchenov, V. P. Riazanskiy. Dokl. AN SSSR 164 no. 1:86-89 '65

Possibility of an accelerated extraction of "mobile" phosphorus, according to V. P. Mchiglin, by means of an ultrasound. V. V. Vasil'ev, P. G. Grabarov, T. P. Turchaninova. Vest. LGU 20 no. 10:107-112 '65

ULTRASONIC WAVES--INDUSTRIAL APPLICATIONS

Application of ultrasonic waves for decreasing deposit formation on the walls of piping systems. O. A. Vodianitskii, A. M. Tsimlin, E. I. Korobkov. Khim. prom. 42 no. 9:703-705 '65

Application of ultrasonic waves for the intensification of the gluing of tendon joints. I. U. M. Mardan, Bum. i der. prom. no. 3:28-31 JF-S '65

Cathodic polarization in the electrodeposition of metals in the ultrasonic field. A. N. Trofimov, A. P. Galushko. Elektrokhimiya 1 no. 8:985-988 Ag '65

Introducing ultrasonic cleaning of glass tubings. N. S. Sticheplov, A. S. Cherniak. Bul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 18 no. 7:15-17 JI '65

Ultrasound in the technology of manufacturing parts of the fuel system A. Ksel'band and others. Mor. flot. 25 no. 9:30-31 S '65

ULTRASONIC WAVES--PHYSIOLOGICAL EFFECT

Artificially controlled sterilization of young pigs by ultrasonic waves N. I. Pollantsev, N. A. Pollantseva. Veterinariya 41 no. 12:47-49 D '64

Changes in the absorptive and secretory functions of the stomach in experimental ulcers during the action of high-frequency physical agents on the organism V. R. Faltel'berg-Blank. Pat. fiziol. i eksp. terap. 9 no. 4, 80 JI-Ag '65

Effect of ultrasonic vibrations on the sexual glands in swine. N. A. Pollantseva. Dokl. Akad. sel'khoz. nauk no. 5:34-36 My '65

Effect of ultrasonic waves on the mineral metabolism of the bones. I. A. Kolar and others. Ortop., travm. i protez. 26 no. 8:43-51 Ag '65

Effect of ultrasonic waves on the tissues of the internal sex organs of female white mice. F. A. Miftakhova. Nauch. trudy Kaz. gos. med. inst. 14:241-242 '64

Variability of microorganisms under the effect of ultrasonic waves. M. I. Sidorov. Dokl. Akad. sel'khoz. nauk no. 8:33-36 Ag '65

ULTRASONIC WAVES--SCATTERING

Ultrasonic wave scattering in suspensions. I. S. Koltsova, I. G. Mikhailov. Vest. LGU 20 no. 16:41-45 '65

ULTRASONIC WAVES--THERAPEUTIC USE

Clinical experimental data on the use of ultrasound in bronchial asthma. A. N. Sheina. Trudy TSU 77:8-13 '65

Results of the treatment of lumbosacral radiculitis with ultrasound in pulsating mode. A. A. Pushkareva. Vop. kur., fizioter. i lech. fiz. kul't. 20 no. 4:337-341 JI-Ag '64

Use of ultrasound in ophthalmology. L. IA. Shereshevskaya. Vop. kur., fizioter. i lech. fiz. kul't. 20 no. 1:342-345 JI-Ag '64

Use of ultrasound in peptic ulcer. V. D. Gligol'eva. Trudy TSU 77:90-98 '65

ULTRASONICS

Certain properties of tensors determining the characteristics of propagation and absorption of ultrasonic waves in metals in a strong magnetic field K. B. Vlasov, B. N. Litupov. Fiz. met. i metalloved. 20 no. 2:174-178 Ag '65

ULTRAVIOLET RAYS--EFFECT ON PLANTS see

Plants, Effect of ultraviolet rays on

ULTRAVIOLET RAYS--PHYSIOLOGICAL EFFECT

Change in the composition of amino acids in the course of their biogenic synthesis as related to the duration of the ultraviolet action on the solutions of formaldehyde and ammonia salts. V. S. Sidorov. Dokl. AN SSSR 164 no. 3:592-595 S '65

Effect of the ultraviolet radiation on the morphology and ultrastructure of the agents of gas infections. B. E. Blokherman. Dokl. Akad. sel'khoz. nauk no. 5:37-41 My '65

Effect of ultraviolet rays on the parasympathetic innervation of the heart. A. G. Ibragimova. Nauch. trudy Kaz. gos. med. inst. 14:185-186 '64

Effect of various doses of ultraviolet radiation on the utilization of nutrients, blood indices, and weight gain in calves. A. N. Mel'nikov, R. S. Abisimova. Trudy VIZH 27:80-87 '65

Inactivating and mutagenic effect of ultraviolet rays on the extracellular bacteriophage. G. B. Zavil'gelskii, A. S. Kivinskii, V. I. Ivanov. Izv. AN SSSR Ser. biol. no. 5:700-713 S-O '65

Kinetics of DNA denaturation following ultraviolet irradiation. V. M. Zhil'tsova and others. Dokl. AN SSSR 164 no. 1:188-200 S '65

Ultraviolet irradiation improves the quality of sperm. I. M. Golosov, P. A. Varaksa. Veterinariya 11 no. 12:59-61 D '64

UL'YANOVSK--REVOLUTION, 1917-1921

Who sent a telegram to Lenin? A. Dumayevskii. Mol. komm. no. 8:88-91 '65

UL'YANOVSK--TELEVISION STATIONS

In pursuit of important objectives. A. A. Shemarin. Vest. svyazi 25 no. 9:10 S '65

UL'YANOVSK PROVINCE--ALLOPHANE

Iron- and phosphorus-bearing allophanoid from the Upper Jurassic sediments of Ul'yanovsk Province. Zap. Vses. min. ob-va 94 no. 4:465-468 '65

UMAN' DISTRICT--COLLECTIVE FARMS--MANAGEMENT

Among the farmers of Uman' District. Ekon. rad. Ukr. 8 no. 8:60-62 Ag '65

UNDERDEVELOPED AREAS

Liberated countries selecting a path of development. V. Kollontai. Mir, ekon. i mezhdunar. otn. no. 10:28-30 '65

UNDERDEVELOPED AREAS--ECONOMIC ASSISTANCE

Two policies. L. Stepanov. Kommunist 42 no. 14:108-116 S '65

UNDERDEVELOPED AREAS--ECONOMIC CONDITIONS

Hunger and economic backwardness. Josue de Castro. Az. i Afr. seg. 9 no. 8:5-7 Ag '65

UNDERDEVELOPED AREAS--ECONOMICS

Marxian economics of developing countries. S. I. Thul'p. Vest. LGU 20 no. 17:5-17 '65

UNDERDEVELOPED AREAS--FOREIGN ECONOMIC RELATIONS

Mother countries without colonies. Mir, ekon. i mezhdunar. otn. no. 10:105-110 '65

Zakharov, M. I., and V. G. Kur'elov. ["Aid" to the developing countries as a means of U. S. A. foreign-trade expansion] "Pomosoch" razvivaniya stran - orudie vneshtorgovoi ekspansii SShA. Moskva, 1965. 50 p. (Bulletin Inostrannoi kommercheskoi informatsii, prilozhenie, no. 13)

UNDERDEVELOPED AREAS--POLITICS

Collective colonialism and individual robbery. V. Kur'dinitshev. Mezhdunar. zhizn' 12 no. 10:6-17 O '65

Events... people... facts... Az. i Afr. seg. 9 no. 8:55-59 Ag '65

UNDERDEVELOPED AREAS--STATISTICS, VITAL

High birth rate? No, high mortality! Az. i Afr. seg. 9 no. 8:8-10 Ag '65

UNDERGROUND COAL GASIFICATION see Coal gasification, Underground

UNDERGROUND STRUCTURES--CORROSION

Anodic protection of underground structures in soils with a high electric resistance. G. B. Dubrovskii. Zashch. met. 1 no. 5:546-550 S-O '65

UNDERGROUND WATER see Water, Underground

UNDERGROUND STRUCTURES--CATHODIC PROTECTION

Method for calculating even load drainage. N. S. Keld'ko. Izpol', gaz. v nar. khoz. no. 2:179-186 '63

UNDERGROUND STRUCTURES--CORROSION

Calculating drainage at the intersection of underground structures and tracks of finite length. N. S. Keld'ko. Izpol', gaz. v nar. khoz. no. 2:187-190 '63

UNDERWATER ACOUSTICS

Study of sand and tuna fish sound. G. B. Timofeev. Ryb. khoz. 41 no. 7:25-27 '65

UNDERWATER WELDING AND CUTTING--EQUIPMENT AND SUPPLIES

High-speed radiography of an underwater welding arc. N. M. Mandatov, I. K. Polshadina, B. A. Kostomarov. Svyaz. prom., no. 9:31 S '65

UNDULANT FEVER see Brucellosis

UNGULATA see subdivision under Huddlyz Preserve

UNGUZ REGION--GEOLOGY, STRATIGRAPHIC

Boundary of the Cretaceous and Paleogene sediments in the southern part of the trans-Unguz range (eastern Turkmenia). M. T. Avanesian and others. Dokl. AN SSSR 164 no. 1:155-157 S '65

UNION CATALOGS see Catalogs, Union

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNION REPUBLICS--COURTS

In the supreme courts and procuracies of the Union Republics. Sots. zakon. 42 no. 9:81-82 S '65

UNION REPUBLICS--JUDICIAL STATISTICS

Consultants' seminar on the judicial statistics of the supreme courts of the Union Republics. Bliz. Vostok. Sudan. 4:20-20 '65

UNION REPUBLICS--PUBLIC PROSECUTORS

In the supreme courts and procuracies of the Union Republics. Sots. zakon. 42 no. 9:81-82 S '65

UNITED NATIONS

Dmitriyev, Bor., and Bor. Pavlov. [The U. N. is 20 years old] OON - 20 let. Moskva, IMO, 1965. 68 p.

In the interest of peace and progress. Nov. vsem. 23 no. 46:1-2 O '65

Legal effect of the resolutions of the General Assembly and the Charter of the United Nations. M. V. Ivanovskii. Sov. gos. i pravo 36 no. 9:120-121 S '65

On the threshold of the third decade. G. Morozov. Mir, ekon. i mezhdunar. otn. no. 10:18-27 '65

We are people of the United Nations. ... Sovetskii Nov. vsem. 23 no. 43:1-3 O '65

What they are talking about on the East River. Nov. vsem. 23 no. 41:6-8 O '65

Zorin, V. A., and G. I. Morozov, eds. [The U. N. and current international problems on the 20th anniversary of the U. N.] OON i aktual'nye mezhdunarodnye problemy; k 20-letiu OON. Moskva, Mezhdunarodnye otnosheniya, 1965. 303 p.

UNITED NATIONS--HISTORIOGRAPHY

New British and American works about the United Nations. V. G. Polinkov. Nov. i novefah. int. no. 5:140-150 '65

UNITED NATIONS--SECURITY COUNCIL

Fedorov, V. N. [U. N. Security Council] Sovet bezopasnosti OON. Moskva, Mezhdunarodnye otnosheniya, 1965. 180 p.

UNITED STATES--ARMY--MILITARY LIFE

Katerhich, V. M., I. U. N. Erashov, and T. K. Belashchenko. [The face of imperialist barbarism] Etko i upr. rili sticheskoi kazarmy. Pod obshch. red. A. M. Blazhenchenko. Moskva, Voenizdat, 1965. 70 p.

UNITED STATES--CAPITAL

Some tendencies of the capitalist reproduction of the means of production under present-day conditions. S. Vygodskii. Mir, ekon. i mezhdunar. otn. no. 10:93-104 '65

UNITED STATES--CHURCH AND SOCIAL PROBLEMS--CATHOLIC CHURCH

Pukhlikov, V. K. [Reactionary substance of the social doctrine of the Catholic Church in the U. S. A.; author's abstract of a dissertation for the degree of Candidate of Philosophical Sciences] Reaktsionnaya suzhnost' sotsial'noi doktriny katolicheskoi tserkvi v SShA, avtoreferat dissertatsii na soiskanie uchenoj stepeni kandidata filosoficheskikh nauk. Nauchn. rukovoditel' V. D. Timofeev. Moskva, Mosk. gos. univ., 1964. 30 p.

[MICROFILM]

UNITED STATES—COAL MINES AND MINING—SAFETY MEASURES

Problems of local control in coal mines of the United States. G. A. Stukachinskiy, A. T. Gorbachev, O. B. Kostel'ev. Voprosy dokl. no. 17-06-106 '63

UNITED STATES—COMMERCE

Moscow. Nauchno-issledovatel'skii kon'funktornykh inzh. [Foreign trade of the U.S.A.] Vneshtorgovyi vlin SSHA. Moskva, Vneshtorgizdat, 1965. 343 p.

UNITED STATES—COUNTERFEITS AND COUNTERFEITING

"Operation Bernhard" the American way. V. I. Zhukov Voen.-ist. zhurn. 7 no. 9:100-102 S '65

UNITED STATES—EDUCATION

Business begins at the school desk. V. Chervyakov Mol. komm. no. 9:105-108 S '65

UNITED STATES—ELECTRIC DRIVING

Frequency regulation of synchronous multiple-motor drives. I. A. Vol'kovich, Prom. energ. 20 no. 8:33-35 S '65.

UNITED STATES—FLEET BALLISTIC MISSILE WEAPONS SYSTEMS

From "Polina" to "Poseidon" G. I. Kolosov Mol. sbor. 48 no. 10:83-85 O '65

UNITED STATES—FOREIGN ECONOMIC RELATIONS—AFRICA

The U.S. expansion on the African continent. M. Lavrichenko, Mezhdunar. zhurn. 12 no. 10:92-98 O '65.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—UNDERDEVELOPED AREAS

Zakharov, M. I., and V. G. Kur'ev. ["Aid" to the developing countries as a means of U.S.A. foreign-trade expansion] "Pomoshech" razvivayushchimsya stranam - orudie vneshtorgovoi ekspansii SSHA Moskva, 1965. 50 p. (Bulletin inostranoi kommercheskoi informatsii, pilozhenie, no. 13)

UNITED STATES—FOREIGN RELATIONS

American doctrines of pillage and plunder. From Monroe to Johnson. L. A. Medvedev, Sov. gos. i pravo 35 no. 6:57-61 S '65.

Dmitriyev, B. V., and B. V. Pavlov. [The U.N. is 20 years old] OON - 20 let. Moskva, IMO, 1965. 58 p.

"An invisible state department." V. I. Zhukov, Mezhdunar. zhurn. 12 no. 10:13-14 O '65.

UNITED STATES—FOREIGN RELATIONS—DOMINICAN REPUBLIC

Zhukov, V. G., and V. V. Listov. [Colonel Rid (?) returns to Santo Domingo] Polkovnik Rid vozvrashchaetsya v Santo Domingo. Moskva, Politizdat, 1965. 125 p.

UNITED STATES—FOREIGN RELATIONS—FAR EAST

The Far East policy of the American aggressors. M. Markov, Mezhdunar. zhurn. 12 no. 10:62-71 '65.

UNITED STATES—FOREIGN RELATIONS—JAPAN

Psychological warfare headquarters in Minato-ku. G. Zhukov, Nov. vrem. 23 no. 42:20-23 O '65.

UNITED STATES—FOREIGN RELATIONS—PANAMA

Panama demands justice S. A. Gontonskii, Nov. vrem. 23 no. 41:22-23 O '65

UNITED STATES—FOREMEN

The foreman in the U.S.A. enterprises. R. Uksvarav, Sots. trud. 10 no. 8:56-61 '65.

UNITED STATES—GAS, NATURAL—STORAGE

Kortunov, A. K., and others. [Gas industry in the U.S.A.] Gazovaya promyshlennost SSHA. Pod obshch. red. A. K. Kortunova, Moskva, Nedra, 1964. 330 p.

UNITED STATES—GAS PIPES

Kortunov, A. K., and others. [Gas industry in the U.S.A.] Gazovaya promyshlennost SSHA. Pod obshch. red. A. K. Kortunova, Moskva, Nedra, 1964. 330 p.

UNITED STATES—HISTORY

A review of general works of Soviet authors on the current history of the U.S. (1960-1964 publications). E. F. Iaz'kov, Nov. i novost. ist. no. 5:161-184 '65.

UNITED STATES—INLAND WATER TRANSPORTATION

Petroleum transportation on the inland waterways of the United States. V. Teptsov, Rech. transp. 21 no. 8:52-53 Ag '62

Some trends in the development of river transportation in the United States and the Federal Republic of Germany. G. Agrunt, Rech. transp. 24 no. 8:52-55 '65.

UNITED STATES—LASERS

Use of lasers in industry. I. A. E. Vol'kovich, Prom. energ. 20 no. 9:35-36 S '65.

UNITED STATES—LOBBYING

"An invisible state department." V. I. Zhukov, Mezhdunar. zhurn. 12 no. 10:13-14 O '65.

UNITED STATES—MARINE CORPS

The Marines, shock troops of the Pentagon. V. Polian'skii, Mezhdunar. zhurn. 12 no. 10:143-144 O '65

UNITED STATES—MILITARY POLICY

Doctrines of aggression and banditry. V. Shmuratov, Komm. Yuzh. Sib. 46 no. 15:75-80 Ag '65.
A realistic path toward disarmament and the apologists of "escalation." V. Pechorkin, Mezhdunar. zhurn. 12 no. 10:55-61 O '65.

UNITED STATES—NEGROES

Indignation and bitterness of the black America. Harry Freeman, Nov. vrem. 23 no. 40:12-15 O '65.

The situation of Negroes in the U.S.; behind the facade of the "free world." Mezhdunar. zhurn. 12 no. 10:147-148 O '65.

The tragedy in Los Angeles. N. Kater, Agitator 33 no. 18:50-52 S '65.

UNITED STATES—NONWAGE PAYMENTS

Method of comprising the consumption of free services by the population of the U.S.S.R. and the U.S.A. in the sphere of state-supported cultural and social services. I. I. Kuz'mina, Och. po sov. i zarub. ekon. no. 4:288-301 '65.

UNITED STATES—PETROLEUM—TRANSPORTATION

Petroleum transportation on the inland waterways of the United States. V. Teptsov, Rech. transp. 21 no. 8:52-53 Ag '62.

UNITED STATES—PHILOSOPHY

Crisis in the spiritual values of American imperialism. I. I. Antonovich, Vestn. AN BSSR, Ser. hram. nav. no. 3:23-30 '65.

Limolenko, D. V. [Contemporary bourgeois philosophy in the U.S.A., a critical essay] Sovremennaya burzhuanizatsiya filosofii SSHA; kriticheski ocherk Moskva, IMO, 1965. 307 p.

UNITED STATES—POLITICS AND GOVERNMENT

Maevskii, V. V. [When skyscrapers are swaying] Kogda shatalutsya neboskreby. 2. dop. izd. Moskva, Politizdat, 1965. 238 p.

UNITED STATES—PROGRAMMED INSTRUCTION

New tendencies in programmed instruction in the United States. T. A. Il'in, Sov. pedagog. 29 no. 6:125-135 Je '65.

UNITED STATES—PSYCHIATRY

Statements by American psychiatrists against social psychiatry. A. M. Gletov, Zhurn. nevrol. i psikh. 65 no. 9:115-120 '65.

UNITED STATES—PUBLIC OPINION

The people of the United States and Latin America protest against the intervention in the Dominican Republic. V. V. Altman, Nov. i novost. ist. no. 5:193-194 '65.

UNITED STATES—RACE DISCRIMINATION

Discrimination against Negroes in American schools. K. Luzik, Rad. shkol. 41 no. 9:92-97 S '65

UNITED STATES—ROTATION OF CROPS

Rotation of crops in the U.S.A. N. F. Konav, Zemledelie 27 no. 6:64-69 Je '65.

UNITED STATES—SAVING AND INVESTMENT

Accumulation of capital and small savings. A. Anikdn, R. Entov, Mir. ekon. i mezhdunar. otn. no. 10:130-139 '65.

UNITED STATES—SOCIAL CONDITIONS

Maevskii, V. V. [When skyscrapers are swaying] Kogda shatalutsya neboskreby. 2. dop. izd. Moskva, Politizdat, 1965. 238 p.

UNITED STATES—SUBMARINE WARFARE—STUDY AND TEACHING

Use of trainers for training the personnel of antisubmarine forces. I. U. L. Korshunov, Mor. sbor. 48 no. 10:78-83 O '65

UNITED STATES—TILLAGE

Minimal cultivation of land in the U.S.A. D. A. Platnitskaya, Zemledelie 27 no. 6:91-94 Je '65.

UNITED STATES—TRADE UNIONS

Struggle for change of leadership in the American trade unions. G. Rogova, Mir. ekon. i mezhdunar. otn. no. 10:120-123 '65.

UNITED STATES—WEALTH

Economic and statistical analysis of the national wealth of the U.S.A. G. A. Shpil'ko, Och. po sov. i zarub. ekon. no. 4:261-287 '65

UNITED STATES—WORLD WAR, 1939-1945—FINANCE

"Operation Bernhard" the American way. V. I. Zhukov Voen.-ist. zhurn. 7 no. 9:100-102 S '65.

UNITIZED CARGO SYSTEMS

Improved system of specialization in container service points. V. A. Kivshchenko, Vest. TSNI MPS 21 no. 6:46-50 '65.

UNITS

Boguslavskii, M. G., and K. P. Shirokov. [International System of Units (SI); a textbook for lecturers and propagandists] Mezhnatsionalnaya sistema edinit (SI), posobie dlia lektorov i propagandistov. Moskva, Izd-vo Standartov, 1965. 56 p.

Comments on L. S. Kaplan's article "On the preferential use of the International System of Units (SI) in teaching a course in electricity." A. S. Tarnovskii, Izv. vys. ucheb. zav., fiz. 8 no. 3:154 '65

UNIVERSAL ALGEBRA see Algebra, Universal

UNIVERSAL DECIMAL CLASSIFICATION see Classification, Universal decimal

UNIVERSE see Cosmology

UNIVERSITIES AND COLLEGES—GRADUATE WORK see subdivision under Ukraine

UNSATURATED COMPOUNDS

Microanalytical hydrogenation of polyene antibiotics. L. O. Bol'shakova, B. G. Bol'shakii, Antibiotiki 10 no. 8:707-709 Ag '65.

Reaction of inner-molecular cyclization of vinylacetylenic systems. M. V. Mavrov, A. R. Derzhinskii, V. F. Kucherov, Izv. AN SSSR, Ser. khim. no. 8:1450-1462 '65.

UNZHA RIVER—LUMBER—TRANSPORTATION

Dvornikov, M. M. [Mechanization of free floating drive, from practices of the Makar'ev Floating Station] Mekhanizatsiya moloego eplava, iz opyta Makar'evskoi splavnoi stantsii. [n. p.] Komsomolskoe knizhnoe izd-vo, 1963. 38 p. (Novatory semleiki)

UPPER ATMOSPHERE see Atmosphere, Upper

UPPER EXTREMITIES see Extremities, Upper

URACIL

Selective methylation of simplest uracils. I. A. Mikhailov, V. I. Gumar, S. I. Zavr'yalov, Izv. AN SSSR, Ser. khim. no. 8:1715 '65.

URAL MOUNTAIN REGION—COAL GEOLOGY

Mechanism of the formation of the folding of the coal-bearing layer in the Chelyabinsk graben. O. I. Pinchuk, Izv. vys. ucheb. zav., geol. i razv. 8 no. 9:3-14 S '65.

URAL MOUNTAIN REGION—COLLECTIVE FARMS—MANAGEMENT

Efficient forms of labor organization on the collective farms of the cis-Ural region. I. U. Fomichev, V. Zhuzhgov, Ekon. sel'khoz. 41 no. 9:79-82 S '65.

URAL MOUNTAIN REGION—ECONOMIC CONDITIONS

[Fourth Ural economic lectures dedicated to the 83d anniversary of the birth of V. I. Lenin, Apr. 22-24, 1963] Chetvertye Ural'skie ekonomicheskie chteniya, posviashchennye 83-1 godovshchine so dnya rozhdeniya V. I. Lenina, 22-24 apr. 1963 goda; sbornik materialov. Ufa, Bashki skii gos. univ. [1964] 586 p. (CSI-H)

URAL MOUNTAIN REGION—FOLDS (GEOLOGY)

Mechanism of the formation of the folding of the coal-bearing layer in the Chelyabinsk graben. O. I. Pinchuk, Izv. vys. ucheb. zav., geol. i razv. 8 no. 9:3-14 S '65.

URAL MOUNTAIN REGION—GEOLOGY, STRUCTURAL

One regularity of the formation of negative structural elements in the southeastern part of the Russian Platform and the cis-Ural trough at the geomorphological stage of their development. S. K. Gorolov, Dokl. AN SSSR 161 no. 2:395-398 S '65.

URAL MOUNTAIN REGION—GRAIN—COSTS

Prediction of the cost of agricultural production. I. U. Nagayev, N. Batakeva, Ekon. sel'khoz. 41 no. 9:61-63 S '65.

URAL MOUNTAIN REGION—INDUSTRIAL MANAGEMENT

Academic and production workers of eastern regions discuss scientific labor organization laboratory practice. Sots. trud. 10 no. 8:88-90 '65.

URAL MOUNTAIN REGION—MACHINERY INDUSTRY—MANAGEMENT

Current problems of specialization in the machinery industry of large economic regions. L. A. Serdyuk. Otkrytyye voprosy i razrabotka no. 182-181 '65.

URAL MOUNTAIN REGION—METAL INDUSTRIES

Vialkin, M. P. [Mining and metallurgical industries of the Urals in 1900-1917] Gos. nauchno-issledovskii Ural v 1900-1917 gg. Moskva, Nauka, 1965. 90 p.

URAL MOUNTAIN REGION—PETROLEUM GEOLOGY

Oil potential and structural characteristics of the anticlinal zone of the cis-Ural Depression. Z. G. Decodiev. Geol. nefti i gaza no. 9:33-36 '65.

URAL MOUNTAIN REGION—RUSSIAN LITERATURE—HISTORY AND CRITICISM

Chelvybinsk. Gosud. sluzhbenyi pedagogicheskii institut. [Poets and writers of the Southern Urals, textbook for correspondence students] Poety i pisateli Iuzhnykh Uralov, posobie dlia studentov-zachetnikov. Chelvybinsk, 1961. 87 p. (MR)

URAL MOUNTAIN REGION—WATER, UNDERGROUND

Base flow of the Urals. I. D. Denisova. Trudy GGI no. 122-51-56 '65.

URAL MOUNTAIN REGION—WEATHERING

Manifestation of the weathering surface of the Arctic Ural Mountains. Iu. N. Baranov. Uch. zap. Ped. inst. Gerts. 267 251-265 '64.

URAL MOUNTAINS—ALGAE, FOSSIL

Foraminifera and algae from the Upper Devonian sediments in the western slope of the Central and Southern Urals. B. I. Chuvashev. Trudy Inst. geol. UFAN SSSR no. 74:3-154 '65.

URAL MOUNTAINS—BAUXITE

New data on the Mesozoic bauxites of the Urals. A. I. Krivitsov. Lit. i pol. iskop. no. 4:138-152 Ji-Ag '65.

URAL MOUNTAINS—FORAMINIFERA, FOSSIL

Foraminifera and algae from the Upper Devonian sediments in the western slope of the Central and Southern Urals. B. I. Chuvashev. Trudy Inst. geol. UFAN SSSR no. 74:3-154 '65.

Permian Foraminifera in the eastern slope of the Urals. N. P. Malakhova. Trudy Inst. geol. UFAN SSSR no. 74: 155-173 '65.

Rauzer-Chernousova, D. M. [Foraminifera in the stratigraphic cross section of the Sakmara stage (Sakmara River, Southern Urals)] Foraminifery stratigrapheskogo razreza sakmarskogo iarusu (r. Sakmara, Iuzhnyi Ural). Moskva, Nauka, 1965. 70 p. (Akademiia nauk SSSR. Geologicheskii institut, Trudy, no. 136)

URAL MOUNTAINS—GABBRO

Gobolev, S. F. [Gabbro-tonalite complex of the Polar Urals; materials on the study of accessory minerals and rare elements] Gabbro-tonalitovyi kompleks Polarnogo Urala; po materialam izucheniia aktsessornykh mineralov i redkikh elementov. Moskva, Nauka, 1965. 161 p.

URAL MOUNTAINS—GEOLOGY

Structure of the Baezi Range and the stratigraphic position of the Oalyanka series in the cross section of ancient formations in the western slope of the Central Ural. I. S. Stepanov. Bul. MOIP. Old. geol. 40 no. 4:58-60 Ji-Ag '65.

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Upper Jurassic continental sediments in the eastern slope of the Urals. G. N. Papulov. Izv. AN SSSR, Ser. geol. 30 no. 9:86-106 S '65.

URAL MOUNTAINS—GRANITE

Accessory zircon from granitoids in the eastern slope of the Southern Urals. B. K. Lit'ov, N. I. Petrova. Min. i geokhim. no. 1:82-84 '64.

URAL MOUNTAINS—KARST—CLASSIFICATION

Types of karst in the Urals. G. A. Maksimovich, K. A. Gorbunova. Trudy MOIP 16:33-41 '65.

URAL MOUNTAINS—PALEOGEOGRAPHY

Basic characteristics of the paleogeography of the Urals in the Eifelian stage. V. P. Mukhina and others. Dokl. AN SSSR 164 no. 3:844-847 S '65.

URAL MOUNTAINS—STROMATOPOROIDEA

Devonian genus Tienodictyon from the Urals. O. V. Bogolavtseva. Paleont. zhur. no. 3:33-39 '65.

URAL MOUNTAINS—TONALITE

Gobolev, S. F. [Gabbro-tonalite complex of the Polar Urals; materials on the study of accessory minerals and rare elements] Gabbro-tonalitovyi kompleks Polarnogo Urala; po materialam izucheniia aktsessornykh mineralov i redkikh elementov. Moskva, Nauka, 1965. 161 p.

URAL MOUNTAINS—ZIRCON

Accessory zircon from granitoids in the eastern slope of the Southern Urals. B. K. Lit'ov, N. I. Petrova. Min. i geokhim. no. 1:82-84 '64.

URAL-VOLGA PETROLEUM REGION see Second Index

URANIUM

(See also subdivision under Kuznetsk Basin)

Effect of various factors on the anodic peak of uranium in the method of amalgam polarography with storage. L. K. Spitsin, A. G. Stromberg. Zhur. anal. khim. 20 no. 7:807-810 '65.

Kinetics of the U(IV) re-extraction from tri-n-octylamine solutions in butylbenzene by the aqueous solutions of hydrofluoric acid. A. S. Mazanov, B. V. Gromov. Trudy MKHTI no. 47:165-173 '61.

Propagation of resonance energy neutrons in uranium. Iu. L. Savvaskii, L. E. Sherman. Atom. energ. 19 no. 3:282-284 S '65.

Studying the U(IV) extraction by the tri-n-octylamine solution in the presence of aluminum ions. E. Medvedeva, B. V. Gromov. Trudy MKHTI no. 47:140-144 '64.

Studying the U6+ extraction by the tri-n-octylamine solution in the presence of Fe²⁺ and Mn²⁺ ions. E. Medvedeva, T. M. Starobina, D. V. Gromov. Trudy MKHTI no. 47:145-150 '64.

URANIUM—METALLURGY

Reduction of the hexagonal modification of uranium trioxide by solid carbon. E. V. Tkachenko, A. R. Beke-tov, V. G. Vlasov. Izv. vys. ucheb. zav. tsvet. met. 8 no. 3:100-107 '65.

URANIUM—TOXICOLOGY

Protective role of cytotoxins in experimental uranium, nephritis in rats. G. M. Vaksberg. Pat. fiziol. i eksp. terap. 9 no. 4:27-31 Ji-Ag '65.

URANIUM HALIDES

Reaction of uranyl halides with tri-n-butylphosphine oxide. S. M. Sinitsyna, N. M. Sinitsyn. Dokl. AN SSSR 164 no. 2:351-353 S '65.

URANIUM INDUSTRY

Uranium industry of the capitalist countries in 1964. V. D. Andreev. Atom. energ. 19 no. 2:210-224 Ag '65.

URANIUM ISOTOPES

Angular distributions of fragments near the threshold of U²³⁸ photofission. I. E. Bocharova and others. Zhur. eksp. i teor. fiz. 49 no. 2:478-484 Ag '65.

Delayed gamma radiation in U²³⁵ fission. L. A. Popeko and others. Atom. energ. 19 no. 2:186-188 Ag '65.

Distribution of specific ionization along the track as dependent on the initial energy of U²³⁵ fission fragments. F. Nasirov and others. Atom. energ. 19 no. 3:244-250 S '65.

Relative yields of groups of delayed neutrons in U²³⁸ photofission. O. P. Nikitin, K. A. Petrzhak. Atom. energ. 19 no. 2:185-188 Ag '65.

Use of the isotope ratio $\frac{U^{234}}{U^{238}}$ in interpreting uranium anomalies in loose formations. N. G. Syromiatnikov. Atom. energ. 19 no. 2:169-174 Ag '65.

URANIUM ISOTOPES—SPECTRA

Determining the isotopic composition of uranium samples by the method of alpha ray filtration. S. S. Lenin. Vop. rud. geofiz. no. 5:20-24 '65.

URANIUM ORES

Efficient safety measures for the protection from radiation of personnel engaged in the extraction of uranium ores. A. V. Bykhovskii, N. I. Chesnokov, I. L. Shalaev. Atom. energ. 19 no. 2:161-168 Ag '65.

Elaboration of the methods and the experience in results of biogeochemical prospecting for uranium deposits in a region of the Soviet Union. M. S. Makarov. Vop. rud. geofiz. no. 5:33-38 '65.

Use of the isotope ratio $\frac{U^{234}}{U^{238}}$ in interpreting uranium anomalies in loose formations. N. G. Syromiatnikov. Atom. energ. 19 no. 2:169-174 Ag '65.

URANIUM SULFATE

Mechanism of the extraction of tetra- and hexavalent uranium sulfates by tri- and di-n-octylamines. O. E. Zviagintsev, Iu. G. Frolov, B. N. Sudarikov. Trudy MKHTI no. 47:134-139 '64.

URANYL ACETATES

Infrared absorption spectrum of sodium uranyl acetate single crystals. L. V. Volod'ko, A. I. Komiak, L. E. Sleptsov. Zhur. prikl. spekt. 3 no. 1:65-71 Ji '65.

URANYL COMPOUNDS

"Psevdodentrit," a new hydrous uranyl-calcium phosphate. A. S. Sergeev. Min. i geokhim. no. 1:31-39 '64.

URANYL SULFATE

Studying the behavior of sor during the extraction of ur V. A. Minneev and others. '64.

UREA

Certain properties of the el and cobalt obtained in the Viagis, A. I. Bodnevskii, IU 1 no. 5:525-529 S-O '65.

Changes in the nitrogen-con storage of corn silage and Drozdovko. Trudy VIZH

Economic expediency of cart Estonian S. S. R. E. F. Pet tekhn. gos. sluzh. i prod. ikh. p.

Thermocatalytic transform after their treatment with t Soob. AN Gruz. SSR 38 no.

Tricarbohydrate medium wil entic bacteria. S. N. Kagan delo no. 8:466-468 '65.

Urea synthesis in brain secti Buniatian, M. A. Davtian, '64.

UREA—EFFECT ON PLANTS urea on

UREA—TOXICOLOGY

Chloral hydrate-glucose thei of cattle. M. N. Feklistov. 52 D '64.

UREA AS FEED

Effect of sugar beets in the F assimilation of the nitrogen V. A. Shul'ga. Trudy VIZH

Use of carbamide in animal h Vest. sel'khoz. nauki [Kazakh]

UREASE

Role of the urease activity of their specific identification. khov. nauki [Kazakh]. 8 no.

URETERS—DISEASES

Calculi of the ureters in chile Azerb. med. zhur. 42 no. 4.

URETERS—MOTILITY

Effect of Iipokain on the nerv function of the ureters. I. Nauch. trudy Kaz. gos. med.

URETHANES

Catalytic activity of first group of polyurethanes. G. N. Maikom. soed. 7 no. 6:1070-10

Crystallization of urethane el and others. Vysokom. soed. '65.

Lengthening the service life o V. A. Sidorov, G. M. Trosman massy no. 8:61-62 '66.

Mechanical properties of spae on the basis of polydiethylene adipate, and polydiethylene A. A. Tager. Vysokom. soed '65.

Polyurethanes from polyethers A. P. Kalengauz, I. M. Kafeng Plast. massy no. 0:13-16 '65.

Reclaiming of polyester ureth and others. Plast. massy no

Study of hydrogen bonding in u infrared spectroscopy. Iu. A. Vysokom. soed. 7 no. 8:778-

Synthesis and some properties foams with a base of polyate alcohols. T. L. Renard and o 11-13 '65.

URETHANES—SPECTRA

Using the infrared spectroscop the catalytic effect of metalz tion of polyurethanes. A. A. Lekokras. mat. i kh. prim. n

URETHRA—CANCER

Cancer of the female urethra; Institute of Oncology of the A Sciences of the U. S. S. R. N. Vop. onk. 11 no. 9:86-71 '65.

Cancer of the urethra in males Kaledin, Z. K. Duplik. Vop. c

URETHRA--INFLAMMATION

Erythromycin in the treatment of nongonorrheal urethritis in males. A.I. Lopatin. Antibiotiki 10 no. 8:749-752 Ag '65.

URIDINE PHOSPHATES

Separation and properties of pyridinium and barium salts of O-benzoyluridylic acid derivatives of uridine 3-phosphate. S.M. Zhichonova, P.A. Sedel'nikova. Izv. AN SSSR Ser. khim., no. 9:1667-1669 '65.

URINARY CALCULI see Calculi, Urinary

URINARY ORGANS--DISEASES

Dynamics of intestinal obstruction in diseases of the upper urinary tract. Sh.Kh. Baibekova. Nauch. trudy Kaz. gos. med. inst. 14:355-356 '64.

URINARY ORGANS--INNERVATION

Inhibition mechanism of the motility of the gastrointestinal tract during increased pressure in the urinary system. I.U. Bogolubov. Nauch. trudy Kaz. gos. med. inst. 11:119-120 '64.

Reflex influences from urinary tracts on the minute volume of blood flow from the coronary sinus. Z.K. Kul'shanov. Izv. AN Kazakh. SSR Ser. biol. nauk 3 no. 3:80-86 My-Je '65.

URINE

Separation of 17-ketosteroids of human urine by the gradient evolution method. G.L. Denovskaya-Zelentsova, Ukl. biokhim. zhur. 37 no. 4:614-624 '65.

URINE--ANALYSIS AND PATHOLOGY

Activity of uropepsin and urine diastase in gastric cancer. T.P. Sarapkina. Trudy OMI no. 54:95-102 '64.

Case of combined alkaptonuria and cardiac pathology. L.S. Trodostov. Sov. med. 28 no. 6:135-136 Ag '65.

Content of total 17-hydroxycorticosteroids in the urine during the acute period of myocardial infarct. V.I. Kushakov. Trudy TSU 77:40-43 '65.

Diagnostic value of cytologic examination of the urine and punctates of renal tumors in children. I.U. A. Shelud'ko. Lab. delo no. 8:478-481 '65.

Importance of the Donaggio reaction in determining the activity of the rheumatic process in children. L.M. Hazarova, M.G. Nefedova, A.I. Shvareva. Nauch. trudy Kaz. gos. med. inst. 14:353-354 '64.

Modified method for determining β -aminobutyric acid in the urine and tissues of animals. V.K. Mazurik. Lab. delo no. 8:451-455 '65.

Quantitative determination of riboflavin in the urine by means of fluorimetry. V.I. Molotov. Lab. delo no. 9:550-561 '65.

UROPEPSIN

Activity of uropepsin and urine diastase in gastric cancer. T.P. Sarapkina. Trudy OMI no. 54:95-102 '64.

URUGUAY--POLITICS AND GOVERNMENT

The situation in Uruguay. V. Listov. Nov. vrem. 23 no. 43:15 O '65.

USHAKOV, SERGEI NIKOLAEVICH, 1893-1964

Sergei Nikolaevich Ushakov. Vysokom. soed. 7 no. 6: 846-849 My '65.

UST'-KAMENOGORSK--MACHINERY INDUSTRY--MANAGEMENT

Continuous operation planning in the "Vostokmashzavod." B. Eldis, I.A. Gal'perin, I. Vasil'chev. Nar. khoz. Kazakh. 23 no. 9:28-33 S '65.

USTYURT--KARST

Karst troughs on the central and eastern Ustyurt. S.I. Gol'ts, M.I. Epifanov. Trudy MOIP 15:62-66 '65.

Ustyurt as an example of a karst region in the desert. I.U. A. Kuznetsov. Trudy MOIP 15:58-61 '65.

UTERINE HEMORRHAGE see Hemorrhage, Uterine

UTERUS

Dynamics of nucleic acids and glycogen in the process of tissue deterioration and restoration. T.A. Oskheil. Sobr. AN Gruz. SSR 38 no. 2:405-412 My '65.

Experimental transplantation of the ovary into the uterus. K.N. Syzganova. Nauch. trudy Kaz. gos. med. inst. 14: 280-290 '64.

UTERUS--CANCER

General reaction and radiation lesions in radiotherapy of cancer of the cervix uteri. A.I. Strashnin. Vop. onk. 11 no. 3:7 '65.

Importance of hysterography in the evaluation of the effectiveness of radiotherapy for cancer of the body of the uterus. V.P. Tobilevich, G.P. Loskutova. Vop. onk. 11 no. 7:24-27 '65.

Short focus skin distance intrauterine X-ray therapy in compound treatment of cancer of the cervix uteri. M.N. Nivinskaya, M.N. Pichugina, I.A. Avdeeva. Med. rad. 10 no. 7:18-23 Jl '65.

State of sexual functions following treatment of cancer of the cervix uteri. T.P. Chen-Matiansava. Vop. onk. 11 no. 9:16-21 '65.

Treatment of cancer of the corpus uteri with radioactive cobalt beads. V.N. Kiseleva, Z.L. Kilueva, L.A. Motuzina. Med. rad. 10 no. 7:24-27 Jl '65.

Use of colposcopy for early diagnosis of cancer of the cervix uteri. V.S. Vladimirova. Vop. onk. 11 no. 9:8-12 '65.

UTERUS--MOTILITY

Motility of the uterus during insemination. V.A. Chikov. Veterinarlia 42 no. 7:72-74 Jl '65.

UTERUS--RADIOGRAPHY

Importance of hysterography in the evaluation of the effectiveness of radiotherapy for cancer of the body of the uterus. V.P. Tobilevich, G.P. Loskutova. Vop. onk. 11 no. 7:24-27 '65.

UTERUS, PREGNANT--INNERVATION

Morphology of the nervous apparatus of the uterus in pregnant rabbits. A.Z. Mindubaeva. Nauch. trudy Kaz. gos. med. inst. 14:233-234 '64.

UZBEKISTAN--AGRICULTURE

Some characteristics of calculating the optimum combination of branches of agriculture on cotton-sowing collectives and State-owned farms in Uzbekistan with the aid of an electronic computer. V.A. Abdurazakov. Vop. vych. mat i tekhn. 3:63-73 '64.

UZBEKISTAN--CATTLE--DISEASES AND PESTS

Diagnosis of ringworm. Sh.T. Nasulev, O.A. Beidnik. Veterinarlia 41 no. 12:20-22 D '64.

UZBEKISTAN--COMMUNIST YOUTH LEAGUE

Can't it be done quietly? A. Kakhov. Mol. komm. no. 9:35-38 S '65.

UZBEKISTAN--EDUCATION

Kadyrov, I.K. [Public education of Soviet Uzbekistan] Narodnoe obrazovanie Sovetskogo Uzbekistana. Tashkent, Uzbekistan, 1964. 81 p. (CS-11)

UZBEKISTAN--HORSE FLIES

Ecologic characteristics of the distribution of horse flies (Diptera, Tabanidae) in Uzbekistan. A.S. Lutta. Ent. obozr. 44 no. 3:585-594 '65.

UZBEKISTAN--MUSIC

In Uzbekistan. I.U. Koriev. Sov. muz. 29 no. 8:120-127 Ag '65.

UZBEKISTAN--RADIO OPERATORS

Sportmen of Uzbekistan. V. Sokhatskil. Radio no. 7: 11-12 Jl '65.

UZBEKISTAN--RHEUMATIC HEART DISEASE

Imbaeva, Kh.I. [Rheumatic fever and heart defects] Revmatizm i poroki serdtsa. Tashkent, Meditsina, 1965. 151 p. (DNL)

UZBEKISTAN--TRICHINA AND TRICHENOSE

Outbreak of trichinosis in the Uzbek S.S.R. following eating the meat of a wild boar. T.Kh. Nadzhimiddinov, A.D. Dzharafarov, S.V. Tsipkina. Sov. med. 29 no. 9: 136-138 S '65.

UZBEKISTAN--VETERINARY MEDICINE

Development of veterinary medicine in Uzbekistan. N.V. Badamin. Veterinarlia 41 no. 12:11-12 D '64.

UZEN' OIL FIELD--GAS, NATURAL--GEOLOGY

Oil and gas potentials and the quality of the oil and gas of the Uzen' oil field. Sh. Esenov, Kh. Makhambetov. Izv. AN Kazakh. SSR, Ser. geol. 22 no. 4:3-10 Jl-Ag '65.

UZEN' OIL FIELD--PETROLEUM GEOLOGY

Oil and gas potentials and the quality of the oil and gas of the Uzen' oil field. Sh. Esenov, Kh. Makhambetov. Izv. AN Kazakh. SSR, Ser. geol. 22 no. 4:3-10 Jl-Ag '65.

VACCINATION

Effectiveness of primary immunization and revaccination with live antibrucellosis vaccine following injury of the organism with incorporated substances. G.M. L'vitskaya. Radiobiologiya 5 no. 4:540-542 '65.

Immunological reactivity of chickens during the growth of Rous sarcoma. A.I. Fedorov. Vop. onk. 11 no. 7: 87-90 '65.

Immunological state of animals with brucellosis in vaccinated herds. I.V. Rotov. Veterinarlia 41 no. 12: 27-28 D '64.

VACCINATION--PHYSIOLOGICAL EFFECT

Correlations between the general and specific immunological reconstruction of the organism and the production of C-reactive protein in polyvalent immunization. V.D. Belikov and others. Zhur. mikrobiol., epid. i immun. 42 no. 8:92-95 Ag '65.

VACCINES

Biological properties of the vaccine strain of Salmonella choleraesuis TS-177. B.A. Matvienko, F.K. Valeeva. Vest. sel'khoz. nauki [Kazakh] 8 no. 8:60-63 Ag '65.

Colibacterin-in-gel treatment of patients with nonspecific ulcerous colitis. Zh. M. Iukhvidova, M. Kh. Levitan, O.P. Maiko. Sov. med. 28 no. 8:78-84 Ag '65.

Differentiation of the Brucella abortus vaccine strain No. 19 from epizootic strains. N.A. Prudentov, M.G. Strelitsaya. Veterinarlia 41 no. 12:16-17 D '64.

Results of studying a brucellosis vaccine from the strain of Brucella abortus 104-M. I.T. Taitan and others. Zhur. mikrobiol., epid. i immun. 42 no. 8:89-104 Ag '65.

VACCINES--TOXICOLOGY

Experimental study of the possibility of reducing the toxicity of typhoid fever vaccines for irradiated animals. V.N. Mal'tsev. Zhur. mikrobiol., epid. i immun. 42 no. 8:88-91 Ag '65.

VACUUM APPARATUS--WELDING

Altering a spot welder for the welding of fittings for vacuum equipment. N.P. Agipov, M.A. Cherniak. Svar. prozv. no. 3:33-31 Mr '64.

VACUUM METALLURGY

Lead and zinc recovery from lead smelter slags by sublimation in vacuum. V.N. Nesterov, A.L. Tsefi, R.A. Isakova. Izvet. imt. 98 no. 8:28-30 Ag '65.

Thermodynamic principles of the determination of gases in metals by the method of vacuum fusion. L.L. Kunin. Zhur. anal. khim. 20 no. 7:822-831 '65.

Vacuum treatment of liquid ferromagnesium. S.V. Erokhov and others. Stal' 25 no. 9:820-823 S '65.

VACUUM METALLURGY--EXHIBITIONS

Vacuum annealed metals shown for the first time at the Exhibition of Achievements of the National Economy. N. D'in. Inform. biol. VDNKh no. 9:14-15 S '65.

VAGINA

Use of colposcopy for early diagnosis of cancer of the cervix uteri. V.S. Vladimirova. Vop. onk. 11 no. 9:8-12 '65.

VAGINA--DISEASES

Organophosphorus preparations in treating trichomoniasis in women. V.G. Dunayeva, I.V. Zolotareva. Nauch. trudy Kaz. gos. med. inst. 14:417-419 '64.

VAGINAL SMEARS

Use of cytochemical methods in the examination of smears from the cervix uteri. A.I. Nikitin. Lab. delo no. 8: 474-476 '65.

VAGUS NERVE

Asymmetry of tonic effects of the vagus nerves on the heart. I.A. Seiduchenko. Fiziol. zhur. 50 no. 12: 1450-1457 D '64.

Effect of the stimulation of the vagus nerve on respiration in experimental peritonitis. G.I.A. Bazarevich. Nauch. trudy Kaz. gos. med. inst. 14:80-86 '64.

VAKHSHSKY DISTRICT--STATE FARMS--MANAGEMENT

The right to verify. A. Vasil'ev. Part. zhizn' no. 20: 50 O '65.

VALIKHANOV, CHOKAN CHINGISOVICH, 1837 or 8-1865

Ch. Ch. Valikhanov as literary critic. Z. Akhmetov. Izv. AN Kazakh. SSR, Ser. obshchestv. nauk 3 no. 3:25-33 My-Je '65.

Chokan and ancient inscriptions (monuments). G. Aidarov. Izv. AN Kazakh. SSR, Ser. obshchestv. nauk 3 no. 3:47-51 My-Je '65.

Chokan Valikhanov as a researcher on the Uigurs. A. Kaidarov, K. Khasanov. Izv. AN Kazakh. SSR, Ser. obshchestv. nauk 3 no. 3:34-46 My-Je '65.

Chokan Valikhanov's ideological and political awakening. S.Z. Zimanov, A. Atishev. Izv. AN Kazakh. SSR, Ser. obshchestv. nauk 3 no. 3:3-11 My-Je '65.

A commemorative session dedicated to Ch. Ch. Valikhanov. N.N. Mingulov. Izv. AN Kazakh. SSR, Ser. obshchestv. nauk 3 no. 3:104-105 My-Je '65.

VALINE--PHYSIOLOGICAL EFFECT

Effect of pyridoxal-5-phosphate and DL-penicillamine on the decarboxylation of glutamic acid in homogenates of a rat rhabdomyosarcoma. T.T. Beresov, V.M. Khesman. Trudy Un. druzh. nar. 7. Vop. med. no. 1:38-43 '64.

VALUE

Commodity and monetary relations and the law of value under socialism. A. Akhverdian. Fin. SSSR 38 no. 9:38-46 S '65.

Venzher, V.G. [Use of the law of value in collective-farm production] Ispol'zovanie zakona stoimosti v kolhoznom proizvodstve. Izd. 2., ispr. i dop. Moskva, Nauka, 1965. 348 p.

VALVES

Device for machining valve seats. I. M. Korshunov. Sudostroenie 30 no. 7-51 JI '64.

Efficient designs of safety and overflow valves. B. T. Sitnikov. Stan. i instr. 36 no. 8-18-20 Ag '65.

Experimental study of the motion of the plates of compressor valves. A. A. Shmugina, N. I. Vodnitskaya. Khim. tekhn. 42 no. 4-14-19 JI-Ag '65.

Improve the quality of reinforcement for construction in the chemical industry. R. F. Tukhvatullin. Mont. i spets. rab. v stroit. 27 no. 5-26 '65.

Investigating band valves of a piston compressor. V. A. Dmitrevskii, L. B. Pirumov. Trudy LPI no. 210 64-68 '65.

VANADIUM—ANALYSIS

Spectrophotometric determination of vanadium in titanium trichloride. D. I. Tsekholovskaya, B. M. Merenkova. Zav. lab. 31 no. 8-946 '65.

VANADIUM ALLOYS—METALLOGRAPHY

Structure of vanadium-carbon alloys. I. V. Grigina, I. D. Lybina. Izv. vys. ucheb. zav. Chern. met. 5 no. 10 101-105 '65.

VANADIUM CARBIDES

Heat of formation of lower vanadium carbides. N. M. Volkova, P. V. Gel'd. Izv. vys. ucheb. zav. i. tsyvet. met. 8 no. 3-77-81 '65.

VANADIUM COMPOUNDS

Crystal chemistry of vanadium coordination compounds. Part 1. Synthesis and X-ray diffraction study of some coordination compounds of vanadium (IV). V. N. Merkin, O. A. Lobanova, S. S. Tolkachov. Vest. LGU 20 no. 16:133-137 '65.

Effect of the conditions of preparation of a catalytic system on the valency of vanadium in a complex and the copolymerization of ethylene with propylene. Yu. Obolov, M. Ushakov, M. Novikovskaya. Vysokom. soed. 7 no. 5-939-944 My '65.

Study of the interaction of bi and trivalent vanadium with hydroxylamine by potentiometric titration. L. K. Briukin, M. T. Kozlovskii. Izv. AN Kazakh SSR Ser. khim. nauk 15 no. 2-8-14 Ag-Je '65.

VANADIUM IN THE BODY

Vanadium content in bone tumors. S. D. Shevchenko, Ortop., travm. i protz. 26 no. 8-73-74 Ag '65.

VANADIUM SALTS

Determination of cerium in magnesium alloys by means of a vanadium (II) salt. S. I. Gusev, L. A. Ketova. Zhur. anal. khim. 20 no. 7:896-898 '65.

VANADIUM-SILICON-TITANIUM ALLOYS

Titanium-vanadium-silicon alloys

VANADIUM-TANTALUM ALLOYS—MAGNETIC PROPERTIES

Magnetic properties of V-Ta alloys. V. I. Chechernikov, A. P. Nefedov, E. M. Sokolovskaya. Fiz. met. i metallov. 20 no. 2-302-303 Ag '65.

VANADYL ION

Vanadyl ion in minerals and the characteristics of the electron paramagnetic resonance of initial elements. L. V. Bershov, A. S. Marfintsev. Izv. AN SSSR Sci. geol. 30 no. 9:42-52 S '65.

VANILLIN—THERAPEUTIC USE

Cycloheximide. Nov. lek. sred. 10-7:105-114 '65.

VAPOR-LIQUID EQUILIBRIUM

Studying the vapor-liquid equilibrium in the systems hydrocarbon-water with the use of the hydrogen-tritium radiocotope. I. A. D. Zepivenski, A. A. Efremov, G. M. Larin. Khim. i tekhn. topl. i masel 10 no. 7-3-7 JI '65.

Vapor-liquid equilibrium in the system ethyl alcohol-allyl alcohol in the presence of water. I. I. Serebrennaya, S. Sn. Byk. Khim. prom. 42 no. 9:668-674 S '65.

VAPOR PLATING

Dissociation of niobium pentachloride on niobium and carbide surfaces. V. P. Elutkin, G. I. Pepekina, B. S. Lysiv. Izv. vys. ucheb. zav. i. tsyvet. met. 8 no. 4:90-96 '65.

Precipitation of titanium carbide from the gaseous phase onto the surface of steel. G. A. Semenova, A. N. Minkovich. Izv. vys. ucheb. zav. Chern. met. 8 no. 9:168-170 '65.

X-ray study of the defects of packing in cobalt condensation films. L. S. Palatnik and others. Fiz. met. i metallov. 20 no. 2:260-267 Ag '65.

VAPOR PRESSURE

Effect of water vapor pressure on the rate of growth of nuclei in the thermal decomposition of ammonium perchlorate. V. V. Boldyrev, I. U. P. Savitshev, V. F. Komarov. Kin. i kat. 6 no. 4-732-734 JI-Ag '65.

Pressure of saturated vapor of liquid cerium. A. A. Krut'nykh, V. S. Pavlov. Upr. fiz. zhur. 10 no. 9-1029-1032 S '65.

Studying the pressure of chromium trichloride vapor. N. V. Galitskii, V. M. Guse'kov. Izv. vys. ucheb. zav. i. tsyvet. met. 8 no. 1-75-77 '65.

VARIABLE STARS

see Stars, Variable

VARIATION (BIOLOGY)

Differentiation of the mutagenic action of preparations synthesized for chemotherapy. I. A. Rapoport, L. M. Filippova. Biol. MOIP, Old. biol. 70 no. 1-117-119 JI-Ag '65.

Mutations and heredity. I. L. Kunitsants, N. A. Loshadkin. Priroda 51 no. 9-12 S '65.

Problem of related protein changes in the process of speciation. B. P. Ushakov. TSitologiya 7 no. 4-167-180 JI-Ag '65.

Variability of microorganisms under the effect of ultrasonic waves. M. I. Skidlov. Dokl. Akad. sei'khoz. nauk no. 8-33-35 Ag '65.

VARIOMETER

Considering the effect of mining on measurements with a gravity variometer. A. A. Iun'kov. Razved. geofiz. no. 4-59-65 '65.

Use of gravity variometers for determining the location of cavities in mine workings. V. M. Polushenko. Razved. geofiz. no. 4-75-79 '65.

VARSNAVER, GRIGORII SOLOMONOVICH, 1894-

G. S. Varsnaver; on his 70th birthday. Vop. kur., fizioter. i lech. fiz. kul't. 20 no. 4:375-376 JI-Ag '64.

VASCULAR GRAFTS

Repairing a defect of the vein with a compound multiflap venous autotransplant. I. V. Koz'yeva. Nauch. trudy Kaz. gos. med. inst. 14:203-204 '64.

Repairing arterial defects with compound multiflap venous autotransplants. I. V. Koz'yeva. Nauch. trudy Kaz. gos. med. inst. 14:201-202 '65.

VASILEVSKI, ALEKSANDR MIKHAILOVICH, 1895-

A great life. I. Agibayev. Voen.-ist. zhur. 7 no. 9-33-13 S '65.

VASIL'SURSK (GORKIY PROVINCE)—SLEIGHTS AND SLEDGES

About low, wide sledges. V. A. Apremov. Part. zhizn' no. 10-63 O '65.

VASODILATORS

Eaten therapy in angina pectoris and myocardial infarct. B. R. Rubanovskii. Sov. med. 20 no. 9-17-21 S '65.

Pastinacium. Nov. lek. sred. no. 7:62-77 '65.

VASOMOTOR NERVOUS SYSTEM

see Nervous system, Vasomotor

VECTOR ANALYSIS

Statistical problem of optimum control of a linear system. R. Gabasov, F. M. Kirillova. Dokl. AN SSSR 164 no. 1: 16-19 S '65.

VECTOCARDIOGRAPHY

Electrocardiography with simultaneous vectocardiography. R. Z. Amirov. Fiziol. zhur. 50 no. 12 1500-1506 D '64.

Significance of vectocardiography in the evaluation of ventricular hypertrophy in patients with a defect of the interventricular septum. A. T. Bellaeva, A. A. Namazova. Sov. med. 20 no. 9:16-17 S '65.

Vectocardiographic study of the electric activity of the auricle in healthy children. V. I. Minkolkin, A. A. Namazova. Azerb. med. zhur. 42 no. 6:7-11 Je '65.

VEGETABLE GARDENING—MANAGEMENT

see sub-division under Azerbaijan

VEGETABLE GARDENING—RESEARCH

Vegetable Experiment Station, the oldest experimental basis of scientific vegetable gardening. V. I. Edel'shteyn and others. Izv. TSKHA no. 2:102-217 '65.

VEGETABLE MATERIA MEDICA

see Materia medica, Vegetable

VEGETABLE TRADE

Procure high-quality vegetables. N. Rytov. Sov. torg. 38 no. 9:6-8 S '65.

VEGETABLE TRADE—PRICES

State purchasing prices for vegetables. P. Pirogov. Sov. torg. 38 no. 6:22-25 Je '65.

VEGETABLES

Potatoes, vegetables and fruit for the table of the working people. Agitator 33 no. 10:43-44 S '65.

VEGETABLES—DISEASES AND PESTS

see sub-division under Leningrad region

VEGETABLES—STANDARDS

Requirements for vegetable and fruit quality standards. M. Bekel'man. Sov. torg. 38 no. 4:1-10 Je '65.

VEGETABLES—STORAGE

New types of storerooms for potatoes, fruit and vegetables. I. Pokrovskaya, N. Kozlova. Trudy pishch. no. 5-29-34 '65.

VEGETABLES—TRANSPORTATION

see sub-division under Leningrad region

VEGETABLES, CANNED

see sub-division under Leningrad region

VEGETABLES, CANNED—TRANSPORTATION

Reduce the delivery costs of canned fruit and vegetables. V. D. Hukov, E. Sych. Mor. flot. 25 no. 9-10-11 S '65.

VEINS

Further study of the problem of lymphovenous anastomoses. V. Kh. Panch. Nauch. trudy Kaz. gos. med. inst. 11-315-317 '64.

Some indices of the coagulating blood system following the injection of contrasting substance in phlebography. R. Chkhedze, L. Bozashvili. Soob. AN Gruz. SSR no. 2-157-164 My '65.

VELIKIY USTYUG (VOLOGDA PROVINCE)—SHIPS—MAINTENANCE AND REPAIR

Moklevskii, B. I. [factory on the Volga] Zavod na Volge. [Vologda] Vologodskoe knizhnoe izd-vo, 1-62 74 p. (Iz istorii fabrik i zavodov) (WU)

VENDING MACHINES

Automating the selling of tickets. A. Kleimenov. Izv. t. transp. 24 no. 5-27-28 '65.

Group arrangement of carbonated water vending machines. Sov. torg. 38 no. 6:56 Je '65.

VENEERS AND VENEERING

Automatic regulation and control of the conditions of panel veneering. A. I. Iankov, S. S. Khokhlik, N. I. Derovlanko. Izv. i dokl. nauch. no. 3-3-8 JI-S '65.

Bibichkov, Z. G. [Production of sliced veneer] Proizvodstvo sliced veneer. Moscow, Lesnaya promyshlennost', 1965. 160 p.

Introducing an automatic line for veneering wood panels. D. I. Kaufman, V. I. Kuperman. Biol. i tekhn. inform. Gos. nauch.-issled. inst. nauch. i tekhn. inform. 18 no. 7-42-43 JI '65.

VENEZUELA—SOCIAL CONDITIONS

They choose struggle. Sov. profsoyuz. 21 no. 19-21 '65.

VENEZUELA—TRADE UNIONS

They choose struggle. Sov. profsoyuz. 21 no. 19-21 '65.

VENOM

Detoxifying effect of propyl gallate, heparin and hydrocortisone on the venom of Vipera berus. P. I. Ialyzin and others. Trudy Un. d. zh. nauch. i. Vop. med. no. 1:134-139 '64.

VENOM—THERAPEUTIC USE

Viprathum. Nov. lek. sred. no. 7:13-21 '65.

VENTILATION

Calculation of fresh air requirements in rooms heated by high-power gamma-ray sources. N. V. Bolodt, A. A. Petushkov, A. Kh. Buger. Atom. energ. 16 no. 2 201 Ag '65.

Investigation of the pressure and suction operation of standardized circular ventilation tee branch pipes. L. B. Uspenskaya. Sbor. trud. VNIIGS no. 18-77-161 '63.

Investigation of tributary aeration streams in inhomogeneous conditions. V. S. Omel'chuk. Izv. vys. ucheb. zav. i. tsyvet. met. 8 no. 9:90-103 '65.

VENUS (PLANET)

Soveshchaniye rabochey gruppy po issledovaniyu planety venusa. Kiev, 1964. [Problems in astrophysics, study of the atmospheres of Venus and Mars. Abstracts of the reports] Voprosy astrofiziki, issledovanie atmosfery Venery i Marsa. [Texts of doklady] Kiev, Naukova dumka, 1965. 104 p. (Respublikanskiy merkhedimstvennyi sbornik. Seriya "Astronomiya i astrofizika")

VENUS (PLANET)—ATMOSPHERE

Oxygen and water vapors in the atmosphere of Venus and Mars. V. K. Prokof'ev. Kosmos no. 2:10-32 '64.

VERKHNOYANSK RANGE—FAULTS (GEOLOGY)

Large displacement fault in the western slope of the Western Verkhoyansk Range. V. N. Rybchenkov, I. H. Gorshkova. Dokl. AN SSSR 164 no. 3:651-653 S '64.

VERNADSKII, VLADIMIR IVANOVICH, 1863-1946

Role of V. I. Vernadskii in the development of Russian geology. S. M. Kurbatov. *Mn i geokhim.* no. 1-7-12 '64.

VERTEBRATES see subdivision under Ukraine

VESELKIN, NIKOLAI VASIL'EVICH, 1879-1964

Nikolai Vasil'evich Veselkin. *Pat fiziol i eksp terap* 9 no. 3:82 My-Je '65

VETERANS, DISABLED—REHABILITATION

Victory was being forged in the rear, too. I. Padezhnov. *Sots.obesp.* 26 no. 6:5-7 Je '65

VETERINARIANS

(see also subdivision under Kustanay Province)

Additional listing of veterinarians. *Veterinariia* 41 no. 12:83-89 D '64.

Organizing the personnel of veterinary specialists. N. I. Gushchin. *Veterinariia* 41 no. 12:79-83 D '64

VETERINARY HYGIENE

(see also subdivision under Gorno-Altai Autonomous Province; Khovogov Province, Yarovsk Province) For a high level of veterinary hygiene on livestock farm. *Veterinariia* 42 no. 7:1-3 J '65.

Hygiene as a basis for the prophylaxis of animal diseases and for increasing their productivity. N. M. Komarov, M. S. Borschch. *Veterinariia* 42 no. 7:88 J '65.

Use of ether preparations in veterinary disinfection. A. A. Aksenov. *Veterinariia* 42 no. 7:80-82 J '65.

VETERINARY HYGIENE—RESEARCH

All-Union Scientific Research Institute of Veterinary Sanitation is ten years old. A. A. Polakov. *Veterinariia* 42 no. 7:1-6 J '65.

VETERINARY INSTRUMENTS AND APPARATUS

Apparatus for treating dermatomycosis in animals. A. E. Elashenko. *Veterinariia* 42 no. 7:108 J '65.

Cutters for the trimming of hoofs. N. P. Kolushov. *Veterinariia* 42 no. 7:107 J '65.

VETERINARY LABORATORIES see subdivision under Mogilev-Podolskiy; Shchuch'ye (Kurgan Province)

VETERINARY MEDICINE

(see also subdivision under Archangel Province, Mongolia; Uzbekistan)

Korzhayenko, G. N., and P. V. Ivanovskiy. [Clinical aspects, pathogenesis, treatment, and veterinary hygiene experience in diseases of farm animals] *Klinika, patogenez, lechenie i veterinarno-sanitarnaya ekspertiza pri ozhogakh sel'skokhozyaistvennykh zhivotnykh*. Moskva, Rosselkhozizdat, 1965. 67 p. (DNAL)

V. F. Nagorskiy as the organizer of the Russian veterinary service. M. V. Nagorskiy, V. A. Bazanov. *Veterinariia* 41 no. 12:81-82 D '64.

VETERINARY MEDICINE—ABSTRACTS

[Animal husbandry. Veterinary medicine] *Ref. zhur.* *Zhiv. Vet.* no. 18 S '65.

VETERINARY MEDICINE—PERIODICALS

Popularize veterinary science in the press more actively. S. I. Fed'ko. *Veterinariia* 41 no. 12:8-10 D '64

VETERINARY MYCOLOGY

Spektsova, N. A. [Mycoses and mycotoxicoses] *Mikozy i mikotoksikozy*. Izd. 2., 1 sp., 1 dop. Moskva, Kolos, 1964. 610 p. (DNAL)

VETERINARY PHYSIOLOGY

Akademiya nauk SSSR. Institut fiziol. [Metabolism and the productivity of farm animals] *Obmen veshchestv i produktivnost' sel'skokhozyaistvennykh zhivotnykh*. Moskva, Nauka, 1965. 126 p. (DNAL)

Biological role of selenium and its distribution in the organs and tissues of animals. A. A. Kudrinyay and others. *Dokl. Akad. sel'khoz. nauk* no. 7:20-24 J '65

VETERINARY RADIOLOGY

Diagnosis of infectious atrophic rhinitis. A. Limutala. *Veterinariia* 42 no. 7:30-38 J '65.

VETERINARY SURGERY—EQUIPMENT AND SUPPLIES

(see also subdivision under Czechoslovakia) Use of synthetic materials in veterinary surgery. I. L. Magdo, I. I. Voronin, I. F. But. *Veterinariia* 41 no. 12: 43-47 D '64.

VETERINARY TOXICOLOGY

Transfusion of isogenous blood in some intoxications. L. T. Amrtilash. *Veterinariia* 42 no. 7:66-67 J '65.

VIBRATED CONCRETE

Automation of vibration compaction of reinforced concrete products. Z. Abblasov, B. A. Pereverzev. *Mekh. stroit.* 22 no. 7:11-13 J '65.

VIBRATION

Limits of the application and precision of the Van-der-Pole method in the theory of nonlinear vibrations of autonomous systems. S. A. Gorbatenko. *Trudy Udruzh. nat.* 5. *Teor. mekh.* no. 2:45-69 '61.

VIBRATION—PHYSIOLOGICAL EFFECT

Effect of the combined action of accelerations, vibration and radiation on cell nuclei of the bone marrow in mice. M. A. Aksenova, L. A. Belyaya, A. V. Golovkina. *Probl. kosm. biol.* 1:373-380 '65

Nature of the biological effect of vibration. S. N. Romanov, R. A. Romanova, Z. I. Monastyrshina. *Probl. kosm. biol.* 4:361-372 '65.

VIBRATORS

Application of high-frequency vibrations for the stabilization of ISKh-23 channel paints. A. P. Gindis. *Lakofas. nat. i kh. prim.* no. 4:71 '65

Differential equations of the process of breaking off the rock from the massif by vibration impact for solutions by electronic analog computers. V. A. Ostapenko. *Izv. DGI* 11 pt. 2:41-19 '62

Experimental investigation of some problems of vibration transportation. I. F. Rubinovskiy, I. F. Goncharevich. *Nauch. soob. IGD* 26:100-106 '65

Investigating the drying of lactose on a vibratory drying conveyor. I. I. Chernobyl'skiy, V. Z. Tashchenko, S. V. Sidorenko. *Khim. mashinost.* no. 1:71-81 '65.

Investigating the vibration packing of spherical powder particles. V. V. Ivashchenko, L. P. Tartakovsky, T. M. Golubev. *Porosh. mat.* 5 no. 6:35-39 Ag '65.

Method of increasing operational safety of a vibratory packer. V. L. Karlov, Ryb. khoz. 41 no. 7:65-67 '65. Problem of elliptic conditions in the oscillations of vibration machines. V. D. Vasil'ev, I. F. Goncharevich. *Nauch. soob. IGD* 26:106-100 '65.

Theory of a planetary vibrator. Kh. G. Usmanov. *Trudy MIT* no. 105:133-136 '61

Turbulent vibrator. Kh. G. Usmanov. *Trudy MIT* no. 105:125-132 '61.

Vibration packing of foundry molds under high pressure. S. K. Kantanik, B. K. Sviatkin. *Lit. proizv.* no. 3:31-34 Mr '64.

Vibratory transportation of free-flowing materials in the production of ferment preparations. L. I. Golger. *Perm. i apl. prom.* 31 no. 6:23-27 '65

VIBRIO

Vibrio infection of cattle in Kazakhstan. A. V. Golikov, N. V. Baduta. *Veterinariia* 42 no. 7:75-76 J '65.

VICHUGA DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION

Posing as the offended. *Part. zhizn'* no. 20:59-60 O '65.

VIENNA—AMATEUR THEATRICALS

Chernala, E. S. [Austrian musical theater up to Mozart] *Avtiritskii muzykal'nyi teatr do Motearta*. Moskva, Muzyka, 1965. 168 p.

VIENNA—OPERA

Chernala, E. S. [Austrian musical theater up to Mozart] *Avtiritskii muzykal'nyi teatr do Motearta*. Moskva, Muzyka, 1965. 168 p.

City of living traditions. E. G. Goshova. *Sov. muz.* 29 no. 8:140-146 Ag '65

VIETNAM, NORTH—COMMUNIST PARTY

Truong-Chinh. [Forward under the party banner! Translated from the Vietnamese] *Vpered, pod znamenom partii!* Hanoi, Izd-vo lit-ry na inostr. yazykakh, 1963. 135 p.

VIETNAM, NORTH—ESPIONAGE

Revolutionary justice guarding the achievements of the Vietnamese people. R. Rashidov. *Sov. iust.* 29 no. 17: 16-18 S '65.

VIETNAM, NORTH—FINANCE

Rastorguev, V. S. [Finance and credit in the Democratic Republic of Vietnam] *Finansy i kredit Demokraticheskoi Respubliki Vietnam*. Moskva, Finansy, 1965. 134 p.

VIETNAM, NORTH—WOMEN—EMPLOYMENT

Legal regulation of women's labor in the Democratic Republic of Vietnam. M. Pokrovskaya. *Sots. zakon.* 42 no. 8:64-65 Ag '65.

VIETNAM, SOUTH—POLITICS AND GOVERNMENT

The "quiet American" returns to Saigon. VI. Zhukov. *Nov. vrem.* 23 no. 40:20-21 O '65.

VIETNAM, SOUTH—INTELLIGENCE SERVICE

Revolutionary justice guarding the achievements of the Vietnamese people. R. Rashidov. *Sov. iust.* 29 no. 17:16-18 S '65.

VIETNAM, SOUTH—MILITARY ASSISTANCE, AMERICAN see Vietnamese War**VIETNAMESE WAR**

Aggression by the U.S.A. or "pacification" the American way. *Sov. iust.* 29 no. 17:11-17 S '65.

The alarm bell of the revolution. A. Ter-Grigorian. *Mol. iust.* no. 9:91-93 S '65

Avant-garde of South Vietnamese patriots. *Agitator* 33 no. 18:58-60 S '65.

The echo of Vietnam in Geneva. *Mezhdunar. zhizn'* 12 no. 10:3-8 O '65.

Let us strengthen the solidarity with the people of Vietnam! Renzo Bleseri. *Vsem. prof. dvazh.* no. 5:20, 22, 21 S '65

[Letters from South Vietnam. Translated from the Vietnamese] Hanoi, Izd-vo lit-ry na inostr. yazykakh, 1964. 117 p.

Military activity in Vietnam. *Nov. vrem.* 23 no. 41:11-12 O '65.

A needle with a purple head. *Mol. iust.* no. 9:86-87 S '65.

Our comments. *Nov. vrem.* 23 no. 42:1 O '65

"Regular" forces of the U.S. in Vietnam. B. Toplinskiy. *Mezhdunar. zhizn'* 12 no. 10:32-42 O '65.

The revolution continues. I. Galkin. *Az. i Afr. seg.* 9 no. 8:14-15 Ag '65.

Stop the American aggression in Vietnam! Jifang-yang-Tien. *Mezhdunar. zhizn'* 12 no. 10:28-31 O '65.

We are with you, heroic Vietnam! K. Guseinov. *Sov. profsoyuz* 21 no. 10:38-39 S '65.

VIETNAMESE WAR—FOREIGN OPINION

Americans are protesting, comments. *Nov. vrem.* 23 no. 43:3 O '65.

From the editor's mail. *Nov. vrem.* 23 no. 42:13 O '65.

VILLAGE COMMUNITIES

(see also subdivision under Dagestan)

The evolution of M. M. Kovalevskii's opinions on the rural community. V. T. Zonov. *Trudy TGU* 173:146-173 '64

VILLAGES

A castle in the air is uninhabitable. E. Dolot. *Mol. iust.* no. 9:86-72 S '65

VILNIUS—COLD STORAGE WAREHOUSES—EQUIPMENT AND SUPPLIES

Refrigeration system of the cold storage warehouse of the Vilnius Meat Combine. I. M. Gindlin. *Khol. tekhn.* 42 no. 4:11-14 J1-Ag '65.

VILNIUS—LIBRARIES

They are helped by the library. S. J. *Sov. muz.* 29 no. 8:84 Ag '65

VILNIUS—MUSIC—INSTRUCTION AND STUDY

On the threshold of art. D. Trinkunas. *Sov. muz.* 29 no. 8:17-52 Ag '65

VILNIUS—PRECAST CONCRETE

After a decision has been made. N. Peshkova. *Sov. profsoyuz* 21 no. 17:14-16 S '65.

VILYUY VALLEY—ROCKS, IGNEOUS

Differentially trapped intrusion in the middle Vilyuy Valley. G. V. Nesterenko, I. N. Kozlovskiy, N. S. Avilova. *Geol. i geofiz.* no. 7:43-51 '65

VINE CROPS

Morphological and systematic study of some members of the family Cucurbitaceae. E. N. Nemirovich-Danchenko. *Izv. SO AN SSSR* no. 8, Ser. biol.-med. nauk no. 2:17-22 '65

Organic acids in the gourd and squash. I. A. Shapiro, A. N. Antoleva. *Vest. LGU* 20 no. 15:62-66 '65. Reduced growth of axial organs in vine crops. A. I. Filov. *Blud. Glav. bud. sada* no. 57:61-66 '65

VINNITSA PROVINCE—SOLDIERS

In the steps of compatriot heroes. L. Sakhnovich. *Voen.-ist. zhur.* 7 no. 7:109-113 J '65.

VINNITSA PROVINCE—SOVIETS

The public in the prop. of local soviets. M. Slobodanuk. *Rad. pravo* 26 no. 6:3-6 '65.

VINOGRADOV, ALEKSANDR PAVLOVICH, 1895-

Aleksandr Pavlovich Vinogradov; on his seventieth birthday. *Zhur. anal. khim.* 20 no. 8:1027-1028 '65.

Aleksandr Pavlovich Vinogradov; 70th anniversary of his birth. *Izv. AN SSSR, Ser. geol.* 30 no. 8:121-123 Ag '65.

Aleksandr Pavlovich Vinogradov, on his 70th birthday. *Atom. energ.* 19 no. 2:11-11 Ag '65

VINYL ACETATE

Use of adsorption methods in studying catalysts for vapor-phase synthesis of vinyl acetate. M. I. Siling, A. I. Gel'fshtein. *Kin. i kat.* 6 no. 4:727-724 J1-Ag '65.

VINYL ALCOHOL POLYMERS

Effect of electrolytes on the association of polymers at the oil and alcohol-ether solutions. E. B. Dzhidzhi, I. S. Chirnikova, I. F. Litmanov. Vysokom. soed. 7 no. 6 1016-1019. Je '65.

Meeus, A. J., and L. A. Vol'f. [New synthetic fibers production of fibers from polyvinyl alcohol] Novye sinteticheskie volokna, proizvodstvo volokon iz polivinilovogo spirta [Leningrad] Leningrad, 1965, 50 p. Use of a synthetic polyvinyl solution as a plasma substitute in orthopedic operations on children. N. V. Shestakov, I. M. Smetanin. Ortop., travmatol. protez., 26 no. 8 28-32. Ag '65.

VINYL COMPOUND POLYMERS

Disinfection of polyvinyl chloride plastics. N. V. Ranzhova. Zhur. mikrobiol., epid. i immunit. 42 no. 1 22-27. Ag '65.

Photochemical reaction in the solid layer of polyvinyl compound. I. U. E. Kirsh, B. S. Ivalishvili, I. A. Ranzhova. Zhur. fiz. khim. 39 no. 8 1806-1809. Ag '65.

Production of organic dispersions of chlorinated polyvinyl chloride. P. I. Zukov, A. M. Smirnova, I. V. Raipova. Vysokom. soed. 7 no. 6 1334-1347. Ag '65.

VINYL COMPOUND POLYMERS, EFFECT OF RADIATION ON

Action of fast electrons is affecting the structure of polyvinyl chloride. N. A. Slobokhina and others. Vysokom. soed. 7 no. 6 1306-1309. Ag '65.

VINYL COMPOUNDS

Effect of the addition of polyvinyl acetate emulsion on the hardening and properties of concrete. F. M. Ivanov and others. Bet i zhelezo, bet. 11 no. 9 27-28. S '65.

Kinetics of copolymerization of ethylene with vinyl chloride. I. I. Dunov, B. L. Gerasimovskii. Vysokom. soed. 7 no. 6 1073-1079. Je '65.

Some regularities in the polymerization of vinyl chloride in the presence of Ziegler-type catalysts. G. A. Razuvaev and others. Vysokom. soed. 7 no. 6 1364-1367. Ag '65.

Synthesis and polymerization of some polyfunctional vinylsiloxanes. L. E. Gusev and others. Vysokom. soed. 7 no. 6 1400-1405. Ag '65.

Synthesis of β -silicon-containing vinyl sulfides. N. V. Komarov, N. N. Vlasova. Izv. AN SSSR, Ser. khim., no. 9 1887-1889. '65.

Theoretical analysis of vibration spectra of vinyl derivatives of the 4b group of elements and pre- α -conjugation. L. A. Leites, I. D. Pavlova, I. U. P. Egorov. Teoret. i eksper. khim. 1 no. 3 311-323. My-Je '65.

VINYL COMPOUNDS, EFFECT OF RADIATION ON

Radiation polymerization of vinyl chloride in solid solutions at low temperatures. G. N. Gerasimov and others. Dokl. AN SSSR 164 no. 2 365-367. S '65.

VINYL ETHERS

Calculating the π -electron structure of certain simple vinyl ethers by the semiempirical method of a self-consistent MO-KAO field. I. U. L. Frolov. Izv. vys. ucheb. zav., fiz. 8 no. 3 177-179. '65.

Chemistry of acetals. Report 19. Structure of acetals and their reactivity toward vinyl ethyl ether. L. A. Ivanovskaya. Izv. AN SSSR, Ser. khim., no. 9 1638-1644. '65.

Complex formation of vinyl ethers with penta-valent phosphorus chlorides. V. S. Tsvetkov, G. I. Kamat, H. Sh. Khisamutdinova. Dokl. AN SSSR 161 no. 3 591-597. S '65.

Kinetics of hydrolysis of monovinyl ethers of ethylene glycol, di-, and triethylene glycols. M. F. Shostakovskii and others. Izv. AN SSSR, Ser. khim., no. 8 1485-1487. '65.

VINYL POLYMERS

Effect of electrolytes and certain organic substances on the emulsion polymerization of vinyl chloride. L. M. Bobinova. Plast. massy no. 8 5-7. '65.

Increasing the light fastness of plasticized polyvinyl chloride resins. R. A. Libanova, L. M. Dubasova. Plast. massy no. 9 61-65. '65.

Production of high dispersion polyvinyl acetate powders. A. V. Iandishevskii, A. S. Reshenov, R. M. Bolotovskaya. Plast. massy no. 8 31-33. '65.

Studying the products of the combination of phenol-formaldehyde resins with polyvinyl chloride. L. V. Pevzner and others. Plast. massy no. 8 13-17. '65.

Use of vinyl plastic pipes for supplying gas to residential buildings. G. B. Zhukov. Izpol. gaz. v nar. khoz., no. 2 41-48. '63.

VINYLDENE COMPOUNDS

Crystalline structure of polyvinylidene fluoride. E. L. Gal'perin, I. U. V. Strogalin, M. P. Milenk. Vysokom. soed. 7 no. 5 933-939. My '65.

VIRGIN TERRITORY—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Exchange stations in the Virgin Territory. A. Ena. Tekh. v sel'khoz., 25 no. 9 80-82. S '65.

VIRGIN TERRITORY—AGRICULTURE

Young specialists make their contribution. V. Sakovtsev. Tekh. v sel'khoz., 25 no. 8 6-8. Ag '65.

VIRGIN TERRITORY—CONSTRUCTION INDUSTRY

Asbestos cement for the construction in the Virgin Territory. I. Kuzakov. Eksp. prot. no. 5 86-16. '62.

VIRGIN TERRITORY—CONSTRUCTION WORKERS

Is it according to their desire? D. I. Avorakhi. Nar. khoz. Kazakh., 23 no. 9 21-26. Ag '65.

VIRGIN TERRITORY—CORN (MAIZE)

[Corn in the Virgin Territory and Western Siberia] Kuku-ruza v Tselinnom Krae i Zapadnoi Sibiri. Moskva, Kolos, 1965. 229 p. (DNAI).

VIRGIN TERRITORY—INDUSTRIAL PROCUREMENT

Transit trailers and coasts. I. A. Grolsman. Nar. khoz. Kazakh., 23 no. 8 37-38. Ag '65.

VIRGIN TERRITORY—LAMBS—FEEDING AND FEEDS

Intensive fattening of crossbred lambs in the Virgin Territory. D. D. Aisen'ev. Vest. sel'khoz. nauki [Kazakh.] 8 no. 9 27-30. S '65.

VIRGIN TERRITORY—PLANTING TIME

Quality of the grain of spring wheat in the Virgin Territory as related to the time of sowing. S. S. Shitayn. Dokl. Akad. sel'khoz. nauk no. 5 1-8. My '65.

VIRGIN TERRITORY—WELLS

Mechanization of the construction of wells and the pumping of water from them in the Virgin Territory of Kazakhstan. Nauch. trudy VNIIGM 45:153-175. '65.

VIRGIN TERRITORY—WHEAT

Quality of the grain of spring wheat in the Virgin Territory as related to the time of sowing. S. S. Shitayn. Dokl. Akad. sel'khoz. nauk no. 5 1-8. My '65.

Some problems of the development of spring wheat in the Virgin Territory. L. K. Mamonov, V. A. Zykin. Vest. sel'khoz. nauki [Kazakh.] 8 no. 9 19-20. Ag '65.

VIRGIN TERRITORY—WHEAT BREEDING

Parent material for durum wheat breeding in the Virgin Territory. V. A. Zykin, A. V. Nefedov. Vest. sel'khoz. nauki [Kazakh.] 8 no. 9 3-7. S '65.

VIROLOGY

Effect of some antineoplastic antibiotics on the synthesis of nucleic acids and reproduction of viruses in a culture of human amnion cells (strain FL). E. S. Zaimanov and others. Antibiot. 10 no. 7 613-622. Ji '65.

VIRUS DISEASES OF PLANTS

Basic problems of agricultural virology. I. U. I. Vlasov. Trudy VIZR no. 17 277-289. '63.

Virological evaluation of externally healthy tomato plants. M. A. Nikitina. Izv. AN Kazakh SSR Ser. biol. nauk 3 no. 3 51-57. My-Je '65.

VIRUSES

Viruses and genetics. V. M. Zhdanov. Vop. filos. 19 no. 9 78-83. '65.

VIRUSES—CULTURES AND CULTURE MEDIA

Inactivated vaccine against Ajacsky's disease from a virus grown in tissue culture. M. S. Chobanov. Veterinar. 42 no. 7 19-20. Ji '65.

VISCERA—ABNORMALITIES AND DEFORMITIES

Structure of the bronchial tree in complete situs inversus viscerum. G. L. Pofilov, E. S. Shafer, E. D. Bogatina. Vest. rent. i rad. 40 no. 1 73. Ji-Ag '65.

VISCERA—INNERVATION

Latent period of the change in the transmembrane potential of the motoneurons under some interoceptive influences. N. F. Smorodin. Vest. LGU 20 no. 15:114-119. '65.

VISCOINTI, LUCHINO, 1906-

Shitova, V. V. [Luchino Visconti] Lukino Visconti, Moskva, Tekstsvto, 1965. 184 p. illus. (Mastora zarubezhnogo kinoiskusstva).

VISCOSIMETER

Use of the VK-4 viscosimeter for the standardization of the viscosity of hyaluronic acid. B. N. Lein. Lab. delo no. 9 574-575. '65.

VISCOSIMETRY

Connection between thermodynamic properties and viscosity. L. I. Gvozdeva, A. P. Ljubimov. Izv. vys. ucheb. zav., Chern. met. 8 no. 9 13-16. '65.

Viscosity of tin and of its alloys with nickel. N. M. Bokareva and others. Izv. vys. ucheb. zav., Chern. met. 8 no. 9 8-12. '65.

VISCOSITY

Changes in the viscosity of polyethylphenyl siloxane resins under the effect of alkali. A. I. Molisev, L. A. Krav. mat. i fiz. prot. no. 1 29-31. '65.

Effect of the viscosity of stationary liquid phase on the bonding of chromatographic column. V. G. Belskii and others. Izv. AN SSSR, Ser. khim. no. 6 1711-1712. '65.

Effect of viscosity reduction on the mechanical properties of clay made. G. I. A. Dedomenko, V. S. Benekova. Sbor. nauch. i tekhn. inform. Azerb. inst. nauch. i tekhn. inform. Ser. Neft. prom. no. 6 79-86. '63.

Relation between the viscosity of ions in aqueous electrolyte solutions and their viscosity. I. K. Zolotarev, A. V. Udim. Zhur. fiz. khim. 39 no. 6 2016-2017. Ag '65.

Relation between the molecular viscosity and intrinsic viscosity of some organic dyes on polymers. L. I. Gusev and others. Vysokom. soed. 7 no. 5 860-865. My '65.

VISIBILITY

Factors affecting the complexity of an optical problem. M. A. Baermark. Svetotekhnika 11 no. 8 11-17. Ag '65.

Visibility of flat objects with negative background contrast. A. A. Trubnikov, O. I. Stokova, Svetotekhnika 11 no. 8 7-11. Ag '65.

VISION

Diagnosis of depth perception in schizophrenic patients. A. G. Katsava. Probl. aud. i optik. no. 14:135-143. '62.

Effect of adaptation factors on the color of the details of television pictures. V. V. Pechkova. Tekh. khim. i telev. 8 no. 8 17-23. Ag '65.

Rheo-encephalography, electroencephalography and clinical study on patients with cervical osteochondrosis with disorders of higher visual functions. I. M. Druzeva, T. A. Sivukha. Zhur. nevrol. i psikh. 65 no. 6 1261-1265. '65.

Study of the output capacity of the visual system in man. A. A. Nevenkin. Probl. kogn. biol. 4:87-101. '65.

VISTULA LAGOON—ICE

Method of forecasting the spring ice phenomenon in the Kurland Lagoon and the Puck Lagoon. V. A. Zorina. Trudy GOIN no. 10:36-43. '65.

VISUAL DISCRIMINATION

Methodology for studying the characteristics of visual perception under conditions of inadequate information. E. L. Bugdanov. Trudy Gos. nauch. i issl. inst. psikh. 13:279-287. '65.

Methodology for the study of some characteristics of the process of visual perception. I. U. V. Ivanov. Trudy Gos. nauch. i issl. inst. psikh. 43:274-276. '65.

VITAMIN METABOLISM

Dynamics of some enzymes and vitamins during the treatment of bronchopneumonia in sheep with antibiotics. T. A. Lermova. Vest. sel'khoz. nauki [Kazakh.] 8 no. 9 30-37. S '65.

VITAMIN THERAPY

Effect of sodium nicotinate, riboflavin and folic acid on phagocytosis in the process of X-ray therapy in malignant tumors. E. M. Chukiev, B. A. Riddikii. Med. sat. 10 no. 7 61-65. Ji '65.

Saturation of the organism with vitamins in peptic ulcers. I. S. Bilich, M. G. Nefedova. Nauch. trudy Kaz. gos. univ. inst. 14:373-375. '64.

VITAMINS

Prophylaxis of sterility in cows in winter. P. I. Abilova. Veterinar. 41 no. 12 57-58. Ji '64.

VITAMINS—A

Comparative diagnosis of Mycoplasma infection and vitamin A deficiency. V. F. Shubin. Veterinar. 41 no. 12 36-37. Ji '64.

Effect of illumination and vitamin A on the structure of the external segments of retinal rods. An electron microscopic study. R. N. Ttingof, I. V. Orlpova, V. I. Govardovskii. Dokl. AN SSSR 164 no. 3 681-683. S '65.

VITAMINS—B

Dynamics of group B vitamins in action varieties with a different ripening period. L. A. Polinskaya. Izv. AN Turk. SSR, Ser. biol. nauk no. 4 11-16. '65.

VITAMINS—B₁ see Thiamine

VITAMINS—B₂ see Riboflavin

VITAMINS—B₃ see Nicotinic acid

VITAMINS—B₁₂ see Cyanocobalamin

VITAMINS—D

Polarography of conjugated systems in dimethylformamide. Part II: Vitamin D and related compounds. V. G. Mairanovskii, G. I. Samokhvalov. Elektrokhimia 1 no. 8 1000-1000. Ag '65.

VITAMINS—D₂ see Ergocalciferol

VITAMINS—G see Riboflavin

VITEBSK PROVINCE—GUARDIAN AND WARD

Unsettled problems of judicial practice in juvenile matters V. Nepomnashchii, *Sots. zakon*, 12 no. 9, 61-62 S '65

VITEBSK PROVINCE—JUVENILE DELINQUENCY

Unsettled problems of judicial practice in juvenile matters V. Nepomnashchii, *Sots. zakon*, 12 no. 9, 61-62 S '65

VITICULTURE see subdivision under Moldova

VITICULTURE—EXHIBITIONS

Fresh grapes the year round, Inform. biul. VDNKH no. 8-25-26 S '65

VITREOUS HUMOR

Electrophoresis using the vitreous body in locating a treacherous pancreas and a persistent turbidity of the cornea, P. G. Valiullina, *Nauch. trudy Kaz. gos. med. inst.*, 11 383-384 '64

VIVISECTION

Quantitative evaluation of the hepatic blood flow in vivisection, S. A. Seleznev, *Fiziol. zhur.*, 51 no. 9, 1105-1110 S '65

VLADIVOSTOK—COLD STORAGE WAREHOUSES

New harbor cold storage warehouse in Vladivostok P. S. Matshinov, *Khol. tekhn.*, 12 no. 1, 71-72 J1-Ag '65

VOCAL MUSIC, LITHUANIAN

Formation of a genre, J. Špigelskas, *Sov. muz.*, 20 no. 3, 30-41 Ag '65

VOCATIONAL EDUCATION

(see also subdivision under Chekassya Province)

Conference on science and technology Sred. spets. obr., 12 no. 8, 13 Ag '65

Lectures in a school, A. Los', Prof.-tekhn. obr., 22 no. 9, 40-41 S '65

It is to improve the training and increase exactness B. A. Kur'min, *Sred. spets. obr.*, 12 no. 8, 1-4 Ag '65

Pedagogical lectures K. N. Karagezian, *Sred. spets. obr.*, 12 no. 8, 11-16 Ag '65

Reliable reserve of the working class, V. Chachin, *Agitator*, 33 no. 18, 16-17 S '65

Trials and errors, G. S. Smirnov, Prof.-tekhn. obr., 22 no. 9, 25-26 S '65

Twenty-fifth anniversary of the state system of vocational and technical education, A. A. Bulgakov, Prof.-tekhn. obr., 22 no. 8, 2-5 S '65

Work of a technical station for children, A. V. Kartashov, *Shkola i prof. v.*, 9 no. 9, 53-57 S '65

VOCATIONAL EDUCATION—AUDIO-VISUAL AIDS

Training device for locksmith work, A. Volkov, Prof.-tekhn. obr., 22 no. 8, 39 S '65

VOCATIONAL EDUCATION—EQUIPMENT AND SUPPLIES

Technical equipment for self-testing, N. T. Mal'tsa, I. N. Ivanov, *Shkola i prof. v.*, 9 no. 9, 76-86 S '65

VOCATIONAL EDUCATION—EXHIBITIONS

Exhibition of technical creativity, Sred. spets. obr., 12 no. 8, 32 Ag '65

VOLCANIC ASH, TUFF, ETC.

(see also subdivision under Ayotsdzo Range region; Gissar Range)

Conditions governing the formation of various types of ignimbrites, I. M. Speranskaya, D. M. Pecherskii, *Trudy SVKNII* no. 9, 181-191 '64

VOLCANOES

Dzotsendze, G. S., [Influence of volcanism on sedimentation] *Vilianie vulkanizma na obrazovanie osadkov*, Moskva, Nedra, 1965, 162 p.

Second All-Union Volcanological Conference, *Geol. i geofiz.*, no. 2, 160-164 '65

VOL'FERTS, VALERIAN IUL'EVICH, 1874-1946

Recollections concerning Valerian Iul'evich Vol'fers, L. M. Kravtsov, G. V. Kolobovskii, *Veterinariia*, 41 no. 12, 93 D '64

VOLGA-AKHITUBA FLOODPLAIN—CORN (MAIZE)—IRRIGATION

Watering of soil by controlled ground water in the Volga-Akhituba Floodplain, P. A. Mar'ushin, *Dokl. Akad. sei'khov. nauk* no. 7, 37-40 J1 '65

VOLGA-AKHITUBA FLOODPLAIN—ONION BREEDING

Use of the cytoplasmic male sterility of onions for the production of hybrid seeds in the northern part of the Volga-Akhituba Floodplain, K. B. Orlova, *Dokl. Akad. sei'khov. nauk* no. 8, 8-10 Ag '66

VOLGA-AKHITUBA FLOODPLAIN—WATER, UNDERGROUND

Watering of soil by controlled ground water in the Volga-Akhituba Floodplain, P. A. Mar'ushin, *Dokl. Akad. sei'khov. nauk* no. 7, 37-40 J1 '65

VOLGA-BALTIC SEA WATERWAY—HYDRAULIC ENGINEERING

Hydromechanization in the construction of the Volga-Baltic Sea Waterway, M. A. Gorin, *Mekhn. stroit.*, 22 no. 8, 10-13 S '65

VOLGA-BALTIC SEA WATERWAY—NAVIGATION

Trial voyage of the motor ship "Volgo-Don 7" on the Volga-Baltic Sea Waterway, N. Komisarov, *Rech. transp.*, 24 no. 5, 54-55 '65

VOLGA-BALTIC SEA WATERWAY—RAFTS

Durable rafts for the Volga-Baltic Sea Waterway, I. Borilov and others, *Rech. transp.*, 24 no. 8, 22-23 '65

VOLGA-BALTIC SEA WATERWAY—SHIPPING

Effectiveness of shipping petroleum by direct river-sea communication, V. Nevolin, *Rech. transp.*, 24 no. 8, 19 '65

VOLGA DELTA—BREAM

Tagging young bream by radioactive phosphorus, V. V. Mil'shtein, *Trudy Kaspiro*, 20, 93-105 '65

VOLGA DELTA—CARP—DISEASES AND PESTS

Bacterial flora in the organs and tissues of wild carp (*Cyprinus carpio* Linn.), L. A. Zubkova, *Trudy Kaspiro*, 20, 117-121 '65

Control measures against *Dactylogyrus* infestation of young wild carp (*Cyprinus carpio* Linn.) in fish spawning and rearing farms of the Volga Delta, T. V. Astafkova, *Trudy Kaspiro*, 20, 107-115 '65

VOLGA DELTA—STURGEONS

Feeding habits of young sturgeons in the Volga Delta and northern Caspian Sea, V. N. Bellaeva, R. P. Malveeva, *Trudy Kaspiro*, 20, 85-91 '65

VOLGA DELTA—TREMATODA

Control measures against *Dactylogyrus* infestation of young wild carp (*Cyprinus carpio* Linn.) in fish spawning and rearing farms of the Volga Delta, T. V. Astafkova, *Trudy Kaspiro*, 20, 107-115 '65

VOLGA-DON CANAL

The Lenin Canal is ten years old, V. Chmashkin, *Rech. transp.*, 21 no. 8, 20-31 Ag '62

VOLGA HYDROELECTRIC POWER STATION (2nd CONGRESS OF THE CPSU)

Maturation of the reproductive bodies in shad *Alosa kessleri kessleri* (Grimm) after the construction of the Volgograd Dam, V. N. Bellaeva, O. N. Vasil'chenko, *Trudy Kaspiro*, 20, 81-84 '65

VOLGA RIVER—FLOOD FORECASTING

Short-range forecast of the flood hydrograph of the Volga at Gorky by means of an electronic modeling apparatus, N. V. Gorbunov, *Trudy TSIP* no. 14, 80-84 '65

VOLGA RIVER—REGULATION

Biogenic streamflow of the Volga River during first years after its regulation at Volgograd, L. A. Barsukova, *Trudy Kaspiro*, 20, 5-19 '65

Feeding habits of sturgeon in the Caspian Sea after the regulation of the Volga River; based on materials of the spring of 1962, M. I. Tarverdieva, *Trudy Kaspiro*, 20, 131-150 '65

VOLGA RIVER—RUNOFF

Biogenic streamflow of the Volga River during first years after its regulation at Volgograd, L. A. Barsukova, *Trudy Kaspiro*, 20, 5-19 '65

VOLGA RIVER—SHAD

Maturation of the reproductive bodies in shad *Alosa kessleri kessleri* (Grimm) after the construction of the Volgograd Dam, V. N. Bellaeva, O. N. Vasil'chenko, *Trudy Kaspiro*, 20, 81-84 '65

Volga shad, the hybrid form of the Caspian migratory herring (*Alosa kessleri kessleri* (Grimm) *Alosa kessleri volgensis* (Berg) J. E. N. Kazanchev, *Trudy Kaspiro*, 20, 61-66 '65

VOLGA RIVER—SHIPPING

Results of the first navigation period on the Volga River, K. Korotkov, *Rech. transp.*, 24 no. 8, 10-11 '65

VOLGA RIVER—STREAM MEASUREMENTS

Forecast of the water stage in the lower pool of the Gorky Hydroelectric Power Station by means of a modeling device, A. K. Ishkov, *Trudy TSIP* no. 14, 85-89 '65

VOLGA-URAL PETROLEUM REGION see Second Baku

VOLGA VALLEY—ANTIQUITIES

Smolnov, A. P., and N. V. Trubnikova, [Geodets. kul'tur.] *Geodetskaya kul'tura*, Moskva, Nauka, 1965, 39 p. 21 plates inset. (Arkhologiya SSSR, avod arkheologicheskikh istochnikov, no. D-1-14)

VOLGA VALLEY—EARTH TEMPERATURE

Interpretation of the natural thermal field in the lower Volga Valley, K. A. Mashkovich, A. S. Zinger, I. N. Plotnikov, *Geol. nefte i gaza* 9 no. 9, 11-15 S '65

VOLGA VALLEY—GEOLOGY, STRATIGRAPHIC

Basic problems of the correlation of Mesozoic and Paleogene sediments in the Volga-Don territory, E. B. Movshovich and others, *Trudy Neftegaza* no. 13, 5-38 '65

Fundamentals of the stratigraphy of Lower Permian sediments in the Volga-Vyatka interfluvial and adjacent areas, I. N. Tikhvinskii, *Dokl. AN SSSR*, 164 no. 3, 65-657 S '65

VOLGA VALLEY—GEOLOGY, STRUCTURAL

Characteristics of the Mesozoic and Cenozoic stage of geological development in the Volga-Don territory, E. B. Movshovich and others, *Trudy Neftegaza* no. 13, 135-170 '65

Tectonic and structural regionalization of the Volga-Don territory and adjacent southern regions, D. V. Nesmejanov, *Trudy Neftegaza* no. 13, 58-61 '65

VOLGA VALLEY—KARST

Karst of the Volga Valley, A. V. Stupishin, *Trudy MOIP*, 15, 27-32 '65

VOLGA VALLEY—POLLEN, FOSSIL

Pollen from Kamyshin sediments in the middle Volga Valley, T. A. Kuznetsova, *Biul. MOIP, Otd. geol.*, 40 no. 1, 75-79 J1-Ag '65

VOLGA VALLEY—POLYZOA, FOSSIL

Late Cretaceous Bryozoa of the genus *Melicerites* of the middle Volga Valley, L. A. Viskova, *Paleont. zhur.*, no. 3, 19-38 '65

VOLGA VALLEY—TRACE ELEMENTS

Sources of boron, bromine, lithium, strontium in the Devonian and Carboniferous underground waters of the lower Volga Valley, K. E. Pit'eva, *Vest. Mosk. un. Ser. 4-Geol.*, 20 no. 4, 75-80 J1-Ag '65

VOLGA VALLEY—WATER, UNDERGROUND

Calculation of evaporation losses and regularity of flow in the evaluation of base flow of the trans-Volga region, E. B. Iakusheva, *Trudy GGI* no. 122, 131-131 '65

VOLGA VALLEY—WATER, UNDERGROUND—COMPOSITION

Sources of boron, bromine, lithium, strontium in the Devonian and Carboniferous underground waters of the lower Volga Valley, K. E. Pit'eva, *Vest. Mosk. un. Ser. 4-Geol.*, 20 no. 4, 75-80 J1-Ag '65

VOLGA VALLEY—WILLOWS

Levitskii, I. I. [Willow and its use; based on materials from the examination and management of willow stands in the lower Volga] *Vse ispol'zovanie po materialam obsledovaniia i ispol'zovaniia volnovolnykh voln*, Moskva, Lesnaya promyshlennost', 1965, 97 p. (DNAI)

VOLGIN, VIACHESLAV PETROVICH, 1879-1962

In memory of Academician V. P. Volgin, V. V. Alt'man, *Nov. i noveish. ist.*, no. 5, 193-194 '65

VOLGOGRAD—MOTOR VEHICLES—MAINTENANCE AND REPAIR

Organizing routine check and repair operations by units and sections in a passenger transportation unit, V. Piskunov, *Avi. i transp.*, 43 no. 6, 21-23 S '65

VOLGOGRAD—SHIPS—MAINTENANCE AND REPAIR

Technical servicing of ships, I. A. Kudriakov, *Rech. transp.*, 24 no. 5, 33-34 '65

Underground plant, N. Zaslavskii, *Rech. transp.*, 24 no. 5, 14 '65

VOLGOGRAD PROVINCE—CULTURE

One kopek for culture, A. Kondratenko, G. Kutsav, *Mol. komm.*, no. 8, 80-83 '65

VOLGOGRAD PROVINCE—GEOLOGICAL TIME

Age of underground (formation) waters in the Volga Valley portion of Volgograd Province, V. Z. Mitrofanov, *Geokhimiia* no. 5, 624-627 My '65

VOLGOGRAD PROVINCE—GEOLOGY, STRATIGRAPHIC

Paleogeography and sedimentation in the Early Vise in the Volga Valley portion of Volgograd Province, G. M. Iarikov, A. V. Smirnov, *Geol. nefte i gaza* 9 no. 2, 36-41 S '65

- VOLGOGRAD PROVINCE—OIL FIELD BRINES**
Age of underground (formation) waters in the Volga Valley portion of Volgograd Province. V. Z. Mitrofanov. Geofizika no. 5 624-627. My '65.
- VOLGOGRAD PROVINCE—PALEOGEOGRAPHY**
Paleogeography and sedimentation in the Early Vise in the Volga Valley portion of Volgograd Province. G. M. Iarlov, A. V. Smurnov. Geol. nefte i gaz. 9 no. 9 36-41. S '65.
- VOLGOGRAD PROVINCE—PETROLEUM INDUSTRY**
Paraffins from Volgograd crudes for the production of synthetic fatty acids. E. V. Karal'og and others. Khim. i tekhn. topl. i masel. 10 no. 9 31-33. S '65.
- VOLGOGRAD PROVINCE—SEISMIC PROSPECTING**
Methods for the interpretation of the materials of controlled directional sensitivity method under the platform conditions in the Volga Valley portion of Volgograd Province. B. N. Lutsenko. Razved. geofiz. no. 4 11-17. '65.
- VOLGOGRAD PROVINCE—SOIL CONSERVATION**
How a state farm controls erosion. A. A. Komlev. Zemledelie. 27 no. 6 25-28. Je '65.
- VOLOGDA PROVINCE—LIBRARIES AND READERS**
Using all forms. M. Shulovskii. Biblioteka. '43 no. 9 2-25. S '65.
- VOLOGDA PROVINCE—RUSSIAN LANGUAGE—DIALECTS**
Vowel gradation of "a" to "e" as a phonetic phenomenon in the Vologda dialects. M. N. Prokhorzhenskaya. Izv. AN SSSR, Ser. lit. i iaz. 24 no. 1 321-328. Ji-Ag '65.
- VOLTAGE REGULATIONS**
Electronic regulator of a rectified low voltage. L. I. Bel'skaya. Trudy LKI no. 10 143-145. '64.
Graphoanalytical method for the design of transistorized voltage stabilizers. L. I. Bel'skaya. Trudy LKI no. 10 131-142. '64.
[Power systems of communication enterprises] Energetika predpriyatiy svyazi. [By] B. P. Terent'ev i dr. Moskva, Svyaz', 1965. 614 p.
Temperature compensation of silicon stabilizers. V. El'kind. Radio no. 7 36. Ji '65.
Transistorized magnetic voltage stabilizers for low voltage potential. P. G. Fedoseev, S. S. Savichev. Trudy LKI no. 10 111-121. '64.
Transistorized voltage regulator with 150 v. rating. A. Druzhinin. Radio no. 7 52-53. Ji '65.
Unit for the experimental study of transient processes in voltage and current stabilizers. S. S. Savichev. Trudy LKI no. 10 123-129. '64.
- VOLTMETER**
Frequency errors of compensating diode voltmeters. A. M. Fedorov, N. F. Iakovleva. Izv. tekhn. no. 8 35-37. Ag '65.
Voltage dividers of automatic digital a. c. voltmeters. N. I. Gorelikov, I. F. Kiselev. Izv. tekhn. no. 8 27-29. Ag '65.
- VOLUMETRIC ANALYSIS** see Titration
- VOMITING**
Excitation of the vomiting center in motion sickness. I. D. Pester. Probl. kosm. biol. 4 535-542. '65.
- VORGA-SHOR VALLEY—COAL MINES AND MINING**
Ways of preparing coke from coal of the Vorga-Shor deposit by preliminary briquetting. A. A. Agroskin, B. M. Ravich, L. A. Andreeva. Izv. vys. ucheb. zav. i gor. zhur. 8 no. 7 194-196. '65.
- VORONEZH—COMMUNIST YOUTH LEAGUE**
A vicious circle. V. Derbinov. Mol. komm. no. 8:94-99. '65.
- VORONEZH—EXCAVATING MACHINERY INDUSTRY—EMPLOYEES**
A vicious circle. V. Derbinov. Mol. komm. no. 8:94-99. '65.
- VORONEZH—MUSIC LIBRARIES**
May they combine their efforts. O. Novikova. Biblioteka. '43 no. 9 44-45. S '65.
- VORONEZH—NEWSPAPER COURT REPORTING**
Sharpened hearing. V. Mikhailov. Sots. zakon. 42 no. 9 17. S '65.
- VORONEZH—OIL INDUSTRIES**
Voronezh Oils and Fats Combine. I. T. Masalykin. Maslozhir. prom. 31 no. 8:29. S '65.
- VORONEZH PRESERVE—APHID FLIES**
A new species of the aphid fly Leucopis (Diptera, Chamaemyiidae) from Voronezh Province. V. N. Tanaifichuk. Ent. obozr. 44 no. 3 673-675. '65.
- VORONEZH PROVINCE—CAMPS**
"Youth" tent town. I. I. Pokop'ev. Shkola i prirodo. 8 no. 9 62-65. S '65.
- VORONEZH PROVINCE—FARM MECHANIZATION**
Public concern about the fertility of a hectare. M. Bozlov. Sov. proizvod. 21 no. 18 10-12. S '65.
- VORONEZH PROVINCE—GRAIN**
For the high yield of grain and groats crops. S. S. Zaitsev. Zemledelie. 27 no. 6 34-36. Je '65.
- VORONEZH PROVINCE—RUNOFF**
Formation of the stream runoff of small watercourses of the forest-steppe zone of the European part of the Soviet Union, according to materials of observations at the Nizhnedevitsk and Kamennaya Steppe experimental watersheds. S. N. Bogolubov. Trudy GGI no. 127 128-157. '65.
- VORONEZH PROVINCE—WAGES—SERVICE INDUSTRIES**
Efficiency of incentive payments in the service industries. V. Ovsinnikov. Sots. trud. 10 no. 8 16-19. '65.
- VOROSHILOVGRAD PROVINCE** see Lugansk Province
- VORSKLA VALLEY—DESERT FLORA**
Effect of Carox pilosa Scop. on the distribution and abundance of ephemeral plants in an oak forest. M. B. Mitina. Vest. LGU. 20 no. 15 153-156. '65.
- VORSKLA VALLEY—SEDGES**
Effect of Carox pilosa Scop. on the distribution and abundance of ephemeral plants in an oak forest. M. B. Mitina. Vest. LGU. 20 no. 15 153-156. '65.
- VOSKRESENSK (MOSCOW PROVINCE)—FERTILIZERS AND MANURES**
Polonskii, E. P. [Production of mineral fertilizers] Proizvodstvo mineral'nykh udobrenii. [Moskva] Moskovskii rabochii, 1965. 69 p.
- VOYAGES AND TRAVELS**
Kozlovskiy, M. F. [Across 15 seas and 2 oceans; travels] Cherez 15 morei i 2 okeana; puteshestviya. [Kiev] Mystetstvo [1964] 1 v. chiefly illus. (Zhizn', mir, ljudi) (MII).
- VOYAGES AROUND THE WORLD**
Golovnin, V. M. [Captain of the Navy Golovnin's voyage around the world on the sloop of war "Kamchatka" in 1817, 1818 and 1819]. Puteshchestvie vo vrug sveta, sovershennoe na voennom fligle "Kamchatka" v 1817, 1818 i 1819 godakh flota kapitanom Golovninym. [Moskva, Mysl', 1965] 383 p.
- VULCANIZATION**
Effect of OS-2 alkyrene on the vulcanization of polyn rubbers. G. A. Blokh and others. Kauch i rez. 21 no. 5 11-17. My '65.
Effect of the molecular weight of epoxy resins on the vulcanization of chloroprene rubber. I. V. Makarov, N. D. Zakharov, K. I. Agafonova. Kauch i rez. 21 no. 5 6-10. My '65.
Electric vulcanization of sheathed electric cables of various diameters. M. Terent'ev, A. Belov. Rech. transp. 21 no. 8 39. Ag '62.
New vulcanization press. N. A. Ivanov. Kauch i rez. 24 no. 5 14-45. My '65.
Use of organic peroxides in the vulcanization of ethylene polyene rubber. S. E. Ruchinskaya, G. A. Blokh. Izv. vys. ucheb. zav. i tekhn. leg. prom. no. 4 57-62. '65.
- VULVA—DISEASES**
Changes in the nerve fibers of vulvar tissues in kraurosis and leukoplakia. L. I. Dikster, E. L. Neishadt. Vop. onk. 11 no. 9 12-18. '65.
State of the nervous elements in protracted pruritus of the external generative organs in women. L. K. Malyshev, Nauch. trudy Kaz. gos. med. inst. 14:223-224. '64.
- VULVA—INNERVATION**
State of the nervous elements in protracted pruritus of the external generative organs in women. L. K. Malyshev, Nauch. trudy Kaz. gos. med. inst. 14:223-224. '64.
- VYATKA VALLEY—GEOLOGY, STRATIGRAPHIC**
Fundamentals of the stratigraphy of Lower Permian sediments in the Volga-Vyatska interfluvial and adjacent areas. I. N. Tikhvinskii, Dokl. AN SSSR. 164 no. 3; 654-657. S '65.
- VYAZNIKI (VLADIMIR PROVINCE)—COMRADES COURTS**
In our comrades' court. V. Doment'ev. Sov. iust. 29 no. 17 24-25. S '65.
- VYGODSKII, SEMEN IUL'EVICH, d. 1965**
Semen Iul'evich Vygodskii; an obituary. Vest. LGU. 20 no. 17:155. '65.
- WAGES**
In the Collegium of the Ministry of Finance of the U. S. S. R. Fin. SSSR. 39 no. 9 95-96. S '65.
In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U. S. S. R. and the All-Union Central Council of Trade Unions. Sots. trud. 10 no. 8 144-147. '65.
- WAGES—ACCOUNTING**
Pashkevich, B. V. [Improving wage computation] Sovershenstvovanie raschetov po zarabotnoi plate. Minsk, Nauka i tekhnika. 1965. 202 p.
- WAGES—CLOTHING INDUSTRY** see subdivision under Leningrad
- WAGES—CONSTRUCTION INDUSTRY**
(see also subdivision under Aktyubinsk, Leningrad)
Determining the efficiency of wages on the basis of the finished product. R. Kachibinski. Sots. trud. 10 no. 8 140-142. S '65.
- WAGES—CONSTRUCTION WORKERS**
Results of the application of the progressive wage system. B. I. Markovichev, V. I. Mal'nev. Stroi. tushoprov. 10 no. 9 99-100. S '65.
- WAGES—DAIRYING** see subdivision under Mikhov District
- WAGES—EDUCATION**
Practice in applying the instruction on paying salaries to educational personnel. IU. Val'dyev, O. Krapiv. Sots. trud. 10 no. 9 132-138. S '65.
- WAGES—INSTRUMENT INDUSTRY** see subdivision under Germany, East
- WAGES—LONGSHOREMEN**
Efficiency of current wage systems at the industrial enterprises of the Ministry of the River Fleet. V. Gabinski. Rech. transp. 21 no. 8 10-12. Ag '62.
Organize properly the awarding of bonuses for the crewing of ships. Mor. flot. 24 no. 8 13. Ag '61.
- WAGES—MEDICAL PERSONNEL**
Determining the length of service for wage computation of medical and pharmaceutical workers. S. Kachibinski. Sots. obzr. 26 no. 6 57-60. Je '65.
Margolis, A. L., and V. I. Kart. [Some labor legislation problems in the work of public health institutions] Nekotorye voprosy i ulovogo zakonodatel'stva v rabote uchrezhdenii zdravookhraneniia. Kishinev, Kartia moldovenianca, 1964. 90 p. (CS-II)
- WAGES—NONFERROUS METAL INDUSTRIES** see subdivision under Irtyshsk District
- WAGES—RESTAURANTS, LUNCHROOMS, ETC.**
Compensation for workers in trade and the public dining system. IU. Zhelezov. Sots. trud. 10 no. 9 138-140. S '65.
- WAGES—RETAIL TRADE**
Compensation for workers in trade and the public dining system. IU. Zhelezov. Sots. trud. 10 no. 9 138-140. S '65.
- WAGES—SERVICE INDUSTRIES** see subdivision under Voronezh Province
- WAGES—SHIPBUILDING WORKERS**
Efficiency of current wage systems at the industrial enterprises of the Ministry of the River Fleet. V. Gabinski. Rech. transp. 21 no. 8 10-12. Ag '62.
- WAGES—SUGAR INDUSTRY**
Procedure for bonus payments to managerial workers and specialists of sugar factories (combined) for the fulfillment and overfulfillment of the plan for the procurement of sugar beets and good commercial yield of the procured raw products. Sakh. prom. 39 no. 9 14 75. S '65.
- WAGES—TABLES AND READY-RECKONERS**
Pashchynskiy, V. L. [Average wage rates and the cost of minutes per category] Sredni tarify i razlichnye koeffitsyenty. Kyiv, Tekhnika, 1965. 109 p.
- WAGES—THEATER EMPLOYEES**
[Manual on wages and labor safety for workers in the fields of culture and art] Spravochnik po voprosam opłaty i okhrany truda rabotnikov kul'tury i iskusstva. [Moskva, Profizdat, 1964] 191 p.
- WAGES—TRACTOR INDUSTRY** see subdivision under Minsk, Rubtsovsk (Altai Territory)
- WAGES—TRANSPORTATION, AUTOMOTIVE**
Wages of automotive transportation workers. K. I. Terent'ev, S. V. Gavrilov. Avi. transp. 43 no. 8 34-35. S '64.
Wages of highway transport workers. Avi. transp. 43 no. 8 26-28. Ag '65.

3789

WEED CONTROL (Continued)

Effectiveness of simazine and atrazine in the noncultivated areas of the S. I. Izhmirev, V. O. Pavlovskaya. Izv. VILR no. 17 314-353 '63.

Evaluating the methods for weed control. M. F. Iagupov. Zemledelie 27 no. 6 49-53 Je '65.

Weed control in agricultural fields using herbicides of the triazine type. G. A. Izhmirev, O. Khm'el'skiy. Tr. VILR no. 17 314-353 '63.

WEED KILLERS see Herbicides

WEIGHT FUNCTIONS

Boundary values of functions from weight classes. I. U. S. Nikol'skii. Dokl. AN SSSR 164 no. 3 503-506 S '65.

WEIGHTLESSNESS

Characteristics of the functions and interaction of otolith and utricular apparatus of the vestibular analyzer in man under changed weight conditions. E. M. Iuganov. Probl. kosm. biol. 4 54-69 '63.

Reactions of astronauts in weightlessness. I. I. Kas'ian, V. I. Kabanov, V. I. Iz'do'skiy. Probl. kosm. biol. 4 270-289 '65.

Some physiological reactions of the man in weightlessness. I. I. Kas'ian and others. Izv. AN SSSR Ser. biol. no. 5 635-646 S-O '65.

WEIGHTS AND MEASURES

Repairing analytical weights. P. V. Rudenko. Izv. tekhn. no. 3 10 Ag '63.

WELDED ALUMINUM STRUCTURES

Advanced welding methods in electrical assembly operations. M. Aizenberg. Prom. stroi. i inzh. soor. 7 no. 4 14-17 Ji-Ag '65.

WELDED STEEL STRUCTURES

Increasing the resistance of welded dredge piles to brittle fracture at low temperatures. M. G. Kachmar, K. V. Popov. Svar. proizv. no. 3 32-33 Mr '64.

WELDED STEEL STRUCTURES—TESTING

Estimate of the structural strength of a welded thin-walled vessel according to the tests made in biaxial tension. S. A. Kurkin, V. P. Luk'yanov. Svar. proizv. no. 9-7-10 S '65.

WELDING

List of documents of the International Welding Institute received by the U.S.S.R. National Committee of welding in November and December, 1963. Svar. proizv. no. 3 37 Mr '64.

Mechanization of welding processes. V. Vorob'ev, V. Sidoruk. Prom. stroi. i inzh. soor. 7 no. 4 8-10 Ji-Ag '65.

WELDING—CONGRESSES

Annual report of Commission XIII "Fatigue testing" given at the Congress in Helsinki (Finland) in July, 1963. G. A. Maranova. Svar. proizv. no. 3 36-37 Mr '64.

Conference of welders of the Kuybyshev Province. M. D. Rudman. Svar. proizv. no. 9 45 S '65.

Readers' conference in Moscow. M. M. Popelkhin. Svar. proizv. no. 12 41-42 D '63.

Republican conference of Azerbaijani welders. V. I. Timofeev. Svar. proizv. no. 3 41-42 Mr '64.

Seminar of welders in Kazakhstan. B. P. Elpidin. Svar. proizv. no. 12 41 D '63.

The XVI Congress on the International Welding Institute. E. K. Alekseev. Svar. proizv. no. 12 42-43 D '63.

WELDING—DEFECTS

Pores in argon arc welded joints in titanium alloys and measures for preventing them. A. M. Senin, A. P. Sukhorukov. Svar. proizv. no. 12 24-26 D '64.

WELDING—EQUIPMENT AND SUPPLIES

Electromagnetic device for lining up the edges of sheets for welding. I. N. Ovchinnikov. Sudostroenie 30 no. 7 52 Ji '64.

Republican conference of Azerbaijani welders. V. I. Timofeev. Svar. proizv. no. 3 41-42 Mr '64.

Welding equipment at the Exhibition of the Achievements of the National Economy of the U.S.S.R. K. I. Boeva. Svar. proizv. no. 3 38-41 Mr '64.

WELDING—HYGIENIC ASPECTS

Austenite electrodes with decreased toxicity. V. I. Katrechko, S. S. Klimakovskaya. Svar. proizv. no. 9 28 S '65.

WELDING—STUDY AND TEACHING

Training of welding engineers. A. M. Pastukhov. Svar. proizv. no. 3 35-38 Mr '64.

WELDING RODS

Investigating hard-facing rods of a hard, chromium carbide alloy. I. N. Sheenok. Porosh. met. 5 no. 8 112-114 Ag '65.

WELLS

(see also subdivision under Virgin Territory)

Construction of shallow wells with well digging units. I. S. Nikol'yev. Nauch. trudy VNIIGM 45 3-38 '65.

Hydraulic method of boring wells for agricultural water supply in sandy soils. N. G. Bapozhnikov. Nauch. trudy VNIIGM 45 39-56 '65.

WEST GERMANY see Germany, West

WEST KAZAKHSTAN TERRITORY—SUGAR BEETS—FERTILIZERS AND MANURES

Change in the quality of sugar beets due to the use of boron and manganese fertilizers. V. N. Vasil'ev. Vest. sel'khoz. nauki [Kazakh] 8 no. 9 7-12 S '65.

WEST KAZAKHSTAN TERRITORY—WORLD WAR, 1939-1945—AERIAL OPERATIONS, GERMAN

Raids by the German Fascist air force on the districts of Western Kazakhstan, 1942-1943. P. S. Belan, P. R. Bukatkin. Izv. AN Kazakh SSR Ser. obshchestv. nauk 3 no. 4 58-63 Ji-Ag '65.

WEST NEW GUINEA see Irian Barat, Indonesia

WEST SIBERIAN ECONOMIC REGION—INFORMATION SERVICES

Personal work plans of engineers and technicians in enterprises of the West Siberian Economic Region. V. V. Manuilov. NTI no. 7 16-18 '65.

WEST SIBERIAN ECONOMIC REGION—RESEARCH, INDUSTRIAL

Strengthening the connections between science and industrial production in the West Siberian Economic Region. V. V. Manuilov. Biol. tekhn., ekon. inform. Gos. nauch. issl. inst. nauch. i tekhn. inform. 16 no. 7 60-62 Ji '65.

WEST SIBERIAN PLAIN—DAMS

Popular knowledge of dam construction without using stone and gravel. N. I. Kniaginchev. Izv. Omsk. old. Geog. ob-va no. 6 127-128 '64.

WEST SIBERIAN PLAIN—ELECTRIC PROSPECTING

Characteristics of the geoelectric cross section of Paleozoic sediments in the southern part of the West Siberian Plain. V. Kh. Frolov. Geol. i geofiz. no. 7 91-96 '65.

WEST SIBERIAN PLAIN—GAS, NATURAL—GEOLOGY

[Geology of the U.S.S.R.] Geologiya SSSR. Glav. red. A. V. Sidorenko. Moskva, Nedra. Vol. 44. Rostovtsev, N. N., F. G. Gurari, and S. V. Egorov, eds. [West Siberian Lowland] Zapadno-Sibirskaya nizmennost'. Pt. 2. [Oil and gas potential and hydrogeological conditions] Neftegazonosnost' i gidrogeologicheskie uslovia. 1964. 276 p.

WEST SIBERIAN PLAIN—GEOLOGY, STRUCTURAL

Basic sources of the formation of Mesozoic sediments in the eastern part of the West Siberian Plain. V. D. Nakarinov. Geol. i geofiz. no. 7 127-132 '65.

WEST SIBERIAN PLAIN—KINEMATICS

Determining the types of multiple reflected waves in the Ob'-Irtys' interfluvium of the West Siberian Plain on the basis of kinematic analysis. N. V. Umperovich. Geol. i geofiz. no. 8 77-88 '65.

WEST SIBERIAN PLAIN—PETROLEUM GEOLOGY

[Geology of the U.S.S.R.] Geologiya SSSR. Glav. red. A. V. Sidorenko. Moskva, Nedra. Vol. 44. Rostovtsev, N. N., F. G. Gurari, and S. V. Egorov, eds. [West Siberian Lowland] Zapadno-Sibirskaya nizmennost'. Pt. 2. [Oil and gas potential and hydrogeological conditions] Neftegazonosnost' i gidrogeologicheskie uslovia. 1964. 276 p.

New method for distinguishing oil-saturated layers in the central regions of the West Siberian Plain. I. U. Brylkin. Geol. i geofiz. no. 7 104-105 '65.

WEST SIBERIAN PLAIN—SEISMIC WAVES

Determining the types of multiple reflected waves in the Ob'-Irtys' interfluvium of the West Siberian Plain on the basis of kinematic analysis. N. V. Umperovich. Geol. i geofiz. no. 8 77-88 '65.

WEST SIBERIAN PLAIN—WATER, UNDERGROUND

[Geology of the U.S.S.R.] Geologiya SSSR. Glav. red. A. V. Sidorenko. Moskva, Nedra. Vol. 44. Rostovtsev, N. N., F. G. Gurari, and S. V. Egorov, eds. [West Siberian Lowland] Zapadno-Sibirskaya nizmennost'. Pt. 2. [Oil and gas potential and hydrogeological conditions] Neftegazonosnost' i gidrogeologicheskie uslovia. 1964. 276 p.

WEST URAL ECONOMIC REGION—PLASTICS IN THE MACHINERY INDUSTRY

Using plastics in the machinery industry of the West Ural Economic Region. A. A. Mikhailov, N. P. Gerasimov. Biol. tekhn., ekon. inform. Gos. nauch. issl. inst. nauch. i tekhn. inform. 16 no. 7 61-63 '65.

WESTERN DVINA RIVER ESTUARY—SEAWATER—COMPOSITION

Hydrochemical regime of the estuary area and its role off the mouth of the Western Dvina (Daugava) River. E. Anisim. Trudy GOIN no. 83 161-167 '65.

WESTERN EUROPE see Europe, Western

WESTERN SIBERIA see Siberia, Western

WHALE MEAT

Saltability of whale meat for human consumption. V. D. Blonskiy. Veterinarn. 42 no. 7 101-103 Ji '65.

WHALE OIL

Complex processing of liquid whale oil. V. K. Iosherbak, M. A. Zhir. prom. 31 no. 9 10-10 S '65.

Using centrifuges for the separation of the fatty acids of sperm oil and fat. M. S. Levit, G. I. Vasil'eva. Mirov. 31 no. 9 10-21 S '65.

WHALES—MAINTENANCE AND REPAIR

Repairing main and auxiliary diesel generators of a ship by replacing parts. R. I. Iakov, N. I. Pavlov, I. M. Ugnich. Sudostroenie no. 8 68-69 Ap '65.

WHARVES

Building mooring places for large-tonnage tankers. E. Sokkin. Mor. flot 24 no. 9 30-32 Ag '64.

WHARVES—DESIGN AND CONSTRUCTION

Improving the planning of plans equipped with cranes. D. Vorob'ev, V. T. Tuktuk. Mor. flot 24 no. 9 38-41 S '65.

WHARVES—MAINTENANCE AND REPAIR see sub-division under Batum

WHEAT

(see also subdivision under Azov Sea region; Novosibirsk Province; Ukraine; Virgin Territory)

Cytochemical characteristics of the germinating wheat caryopsis. V. I. Purov, V. M. Iul'bin. Tsitologiya 6 no. 3 369-373 '64.

Green fallows as the most important possibility for increasing agricultural productivity. A. K. Shvach. Izv. TSRSIA no. 2 10-48 '65.

WHEAT—ANALYSIS see subdivision under Azerbaijan

WHEAT—FERTILIZERS AND MANURES

(see also subdivision under Azerbaijan) Fertilizers and the quality of grain. A. V. Sosnina, V. G. Kozlov, I. G. Pavlovich. Zemledelie 27 no. 6 60-64 Je '65.

Nitrifying capacity as an objective indicator of the fertility of soil. G. I. Chelodnikov. Agrobiologiya no. 5 722-726 S-O '65.

WHEAT—VARIETIES

(see also subdivision under Azerbaijan) Undermining the variation of two-way wheat. M. A. Iakubtseva. Agrobiologiya no. 5 661-663 S-O '65.

WHEAT BREEDING

(see also subdivision under Kirov Province; Virgin Territory) Bread of mankind; polyploidy and wheat breeding. V. I. Plesnev. Priroda 84 no. 8 36-44 S '65.

Induced physiological and biochemical changes in the process of the transformation of spring into winter varieties of wheat. I. A. Bachev, L. Rozova. Agrobiologiya no. 5 671-680 S-O '65.

WHEAT-RYE HYBRIDS

Characteristics of aporeforming in remote hybrids. G. V. Kandelaki. Soob. AN Gruz. SSR 39 no. 2 43-44 Ag '65.

WHEELS

Strength control in assembling heated wheel pairs. G. I. Andreev, N. M. Laktionov. Mashinostroenie no. 5 21-26 S-O '65.

WHEELS—VIBRATION

Natural vibrations of blocked wheel pairs during locomotive skidding. M. I. Suzdal'tsev. Trudy MFT no. 135 45-70 '64.

WHITE RUSSIA—AESTHETICS—STUDY AND TEACHING

Necessity and potentialities of the workers' aesthetic education during the period of the struggle for communist labor. I. K. Iniko. Vest. AN SSSR, Ser. hram. nav. no. 2 37-45 '65.

WINDS (Continued)

- Relation of cloudiness to vertical motions. T. P. Popova. Trudy MMTS no 8 15-28 '65.
A scheme for the calculation of vertical air speeds with regard to the virtual values of the parameter of stability. A. I. Burtsev. Trudy MMTS no 8-3-14 '65.
Use of solenoidal wind components in prognostic schemes for forecasting geopotential. N. G. Furinskaya. Trudy TSIP no 148:80-87 '65.

WINE—TRANSPORTATION

- Using an isotherminal tank truck for transporting wine materials. A. M. I. ozhemskiy. Bum. i der. prom. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 18 no 7 46-47 J1 '65.

WINE AND WINE MAKING

- Economic efficiency of the use of ferment preparations in the production of juices. I. K. Lysenko. Khar. prom. no 3 57-61 J1-S '65.

WINE AND WINE MAKING—QUALITY CONTROL

- All-Union conference of the representatives of the liquor-vodka and wine making industries concerning the quality of production. E. I. Kovalenko. Fein. i spirit. prom. 31 no 6 43-44 '65.

WINGS

- Change in the functional and structural characteristics of the wing muscles of the house cricket *Acheta domestica* L. in ontogeny. L. V. Chudakova, O. M. Bocharova-Messner. Dokl. AN SSSR 164 no 2 169-172 S '65.

WINTER OLYMPICS see Olympic games (winter)

WIRE—WELDING

- Diffusion bonding of R18 high-speed steel. N. A. Mashkova, N. F. Kazakov. Svar. i olov. no 12:22-23 D '63.

WIRE BROADCASTING

- Calculation of fading in multiplexed wire broadcasting distribution lines. L. I. Shteinbuk. Vest. svyazi 25 no 9:12 S '65.
New three-program reproducer. P. Dubut, M. Shenberg. Radio no 7 50, 51 J1 '65.
Okun', L. M. [TU-5-4 repeating apparatus] Translators of the apparatus TU-5-4. Moskva, Svyaz', 1965. 108 p.

WIRE INDUSTRY—EQUIPMENT AND SUPPLIES

- Device for encasing wires and cables in protective tubes. M. V. Shabel'zon, F. I. Gol'dberg. Mont. i spets. rab. v stroit. 27 no 5:20-21 My '65.

WIRE ROPE—RELIABILITY

- The third seminar on the problems of strength, reliability and durability of steel ropes. V. K. Skolatskiy. Prikl. mekh. 1 no 8:141-143 '65.

WIRE ROPE—TESTING

- How to compute reliability of the rope on a drum. V. I. Khasak. Izv. vyz. ucheb. zav., gor. zhur. 8 no 7, 131-134 '65.

WIREDRAWING

- New developments in research. F. M. Ladyzhenskaya, D. I. Nefedova. Stal' 25 no 9:871 S '65.

WIRELESS TELEPHONE see Telephone, Wireless

WIREWORMS—EXTERMINATION

- Bobinskaya, S. G., T. G. Grigor'eva, and S. A. Pershin. [Wireworms and their control] Pivolochniki i mery bor'by s nimi. Leningrad, Kolos, 1965. 221 p. (DNL)

WITTGENSTEIN, LUDVIG, 1889-1961

- Logic and reality. M. S. Kozlova. Vop. filos. 19 no 9 95-105 '65.

WITTIG REACTION

- Stereochemistry of the Wittig reaction with β -ionone. L. S. Ivanovskaya, V. F. Kucherov. Izv. AN SSSR, Ser. khim. no 8:1504-1506 '65.

WOLFFIAN BODY—INNERVATION

- Modern ideas on the structure and nature of the neural apparatus of the metanephros. N. N. Shvayev. Izv. AN SSSR, Ser. biol. no 5:731-743 S-O '65.

WOLFRAMITE

(see also subdivision under Kazakhstan)

- Malinovskiy, E. P. [Structural conditions for the formation of vein wolframite deposits] Strukturnye uslovia formirovaniya zhil'nykh vol'framitovykh mestorozhdenii. Moskva, Nauka, 1965. 162 p.

WOMEN see subdivision under Israel

WOMEN—EMPLOYMENT

(see also subdivision under Vietnam, North)

- Worthy successors. N. S. Drobysheva. Prof. i tekhn. obr. 22 no 9:6 S '65.

WOOD—CHEMISTRY

- Analyzing the conversion of wood hydrolyzates. E. F. Likhonos, N. I. Korol'kov. Gidroliz. i lesokhim. prom. 18 no 5:3-4 '65.
Chashchin, A. M., and others. [How wood chemistry benefits the national economy] Lesokhimiya - narodnoye khozhaistvo. Moskva, Lesnaya promyshlennost', 1965. 56 p.
Improving the production of wood chemicals. M. K. Popndopolu. Gidroliz. i lesokhim. prom. 18 no 6: 19-20 '65.

WOOD—PRESERVATION

- Automation in the plant for the chemical treatment of ties. M. N. Provodina. Put' i put. khoz. 9 no 9:32-34 '65.
More ties effectively treated with preservatives. Put' i put. khoz. 9 no 9:35 '65.

WOOD, FOSSIL see Trees, Fossil

WOOD ALCOHOL see Methanol

WOOD—DECAYING FUNGI

- Improving the biological resistance of particle boards and fiberboards. M. R. Akhmedovich and others. Nauch. trudy VAKM no 31 111-118 '61.

WOOD-USING INDUSTRIES

- (see also subdivision under Northwest Economic Region; Siberia, Western)
Improve the design and planning in the hydrolysis and wood chemistry industry. Gidroliz. i lesokhim. prom. 18 no 6:1-2 '65.

- Levitskiy, I. I. [Willow and its use; based on materials from the examination and management of willow stands in the lower Volga] Iva i ee ispol'zovanie, po materialam obsledovaniya i lesoustroystva Ivnikov Nizhnego Volgi. Moskva, Lesnaya promyshlennost', 1965. 97 p. (DNL)

WOOD-USING INDUSTRIES—BY-PRODUCTS

- In the Scientific Council on the Problems of the Utilization of Pentosan-Containing Raw Materials. Gidroliz. i lesokhim. prom. 18 no 6:31 '65.

WOOD-USING INDUSTRIES—EQUIPMENT AND SUPPLIES

- Automation of dumping cars for the charging of hydrolysis apparatus. A. I. Finkel' and others. Gidroliz. i lesokhim. prom. 18 no 6:28-29 '65.

- On the agenda - mechanization of the processing of resinous wood. V. K. Aglahev. Gidroliz. i lesokhim. prom. 18 no 6:32 '65.

WOOD-USING INDUSTRIES—MANAGEMENT

- From the experience in the organization of work. B. V. Sakharov. Gidroliz. i lesokhim. prom. 18 no 6:14 '65.

WOOD-USING INDUSTRIES—PATENTS

- Inventions. Bum. i der. prom. no 3:49-50 J1-S '65.

WOOD-USING INDUSTRIES—RESEARCH

- Research papers awarded prizes at the contest organized by the Scientific and Technical Society. Gidroliz. i lesokhim. prom. 18 no 6:24-25 '65.

WOOD-USING INDUSTRIES—TECHNOLOGICAL INNOVATIONS see subdivision under Kiev Province

WOODPULP

- Production of bleached woodpulp from aspen in digesters with continuous action. S. S. Vaikhanskii, O. M. Nazarevskii. Bum. i der. prom. no 3:18-21 J1-S '65.
Production of increased yield unbleached woodpulp from poplar wood. K. A. Dolgov, S. F. Primakov, S. V. Tishchenko. Bum. i der. prom. no 3:32-34 J1-S '65.

WOODPULP—TRANSPORTATION

- Performance of ships chartered by a Swedish firm. N. Fatulin. Mor. flot. 24 no 8:45 Ag '65.

WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES

- Iushkov, N. I., V. G. Naumov, and A. K. Feldman. [Repair of the technological equipment of woodpulp and paper enterprises] Remont tekhnologicheskogo oborudovaniya tsellulozno-bumaznykh predpriyatiy. Moskva, Lesnaya promyshlennost', 1965. 120 p.

WOODWORKING INDUSTRIES

- Automation of the drying chambers and evaluation of the quality of the automatic control systems for wood drying. V. G. Voronov. Bum. i der. prom. no 3:8-13 J1-S '65.

- Induction pickups for the woodworking industry. G. K. Kozhukh. Bum. i der. prom. no 3:21-25 J1-S '65.

WOODWORKING INDUSTRIES—EQUIPMENT AND SUPPLIES

- Overall mechanization of operations in the lumberyards of small capacity sawmills and woodworking enterprises. V. M. Nodel'man. Bum. i der. prom. no 3:12-14 J1-S '65.

WOODWORKING MACHINERY

- Belt-drum machine for grinding curvilinear surfaces of bars with shaped cross section. A. N. Klimenchuk. Bum. i der. prom. no 3:10-11 J1-S '65.

- Determining the cutting strength in cutting shaped parts. A. P. Shapoval. Bum. i der. prom. no 3:35-37 J1-S '65.

WOODY PLANTS

- Effect of the degree of soil erosion on the growth and development of underground and aerial organs of woody plants. L. G. Adamian. Izv. AN Arm. SSR, Biol. nauki 18 no 6:37-42 Ja '65.

- Lantiatova, A. S., and E. A. Ovchinnikova. [Key to trees and shrubs] Opredelitel' drev'yev i kustanikov. Petrozavodsk, Karelskoye knizhnoye izd-vo, 1965. 153 p.

WOOLEN AND WORSTED MANUFACTURE see subdivision under Sverdlovsk

WORK

- Aesthetic nature of work. G. I. Rudkovskiy. Vest. LGU 20 no 17 59-69 '65.

- El'meev, V. A., V. R. Pokozov, and B. R. Blashchenko. [Communism and overcoming the differences between intellectual and physical work] Kommunizm i preodoleniye razdeleniya mezhdu umstvennoy i fizicheskoy trudom. [Leningrad] Izd-vo Leningrad. univ., 1965. 142 p.

- Markov, N. V. [Man and production; a philosophical and economics essay] Chelovek i proizvodstvo, filosofsko-ekonomicheskiy ocherk. Moskva, Sovetskaya Rossiya, 1964. 158 p.

WORK—PHYSIOLOGICAL ASPECTS

- Physiological requirements for the working area. A. Vavriniuk. Sots. trud. 10 no 8:69-73 '65.
Work as the main criterion of moral valuation. A. V. Shostakovich. Vestn. AN BSSR, Ser. i. hram. nay. no 2: 29-36 '65.

WORK—PSYCHOLOGICAL ASPECTS

- Psychological requirements for the working area. M. Gorin'. Sots. trud. 10 no 8:73-78 '65.

WORK, METHOD OF

- Why did he get stuck in the routine work? M. Vyshinskiy. Mol. komm. no 8:38-45 '65.

WORK FUNCTION (PHYSICS)

- Work function of the system BaO-Au. I. U. G. Shalshkin. Fiz. tver. tela 7 no 8:286-289 Ag '65.

WORKBOATS—TECHNOLOGICAL INNOVATIONS

- Improving the dredging and maintenance fleet. V. V. Rech. i transp. 24 no 8:34-38 '65.

WORKHOUSES

- Leninist principles of the Soviet corrective labor policy. I. U. G. Nekrasov. Vest. Mosk. un. Ser. i. Ist. 20 no 4, 51-65 J1-Ag '65.

WORKINGMEN'S CLUBS see subdivision under Dnyat A. S. R.

WORKS COUNCILS

(see also subdivision under Moscow Province)

- After a decision has been made. N. Peskova. Sov. profsoyuzy 21 no 17:11-16 S '65.

- The cause you serve. I. Miglitscva. Sov. profsoyuzy 21 no 19:4-5 O '65.

- Council of public inspectors in freight yards. V. S. Gensbachev, A. I. Krasnikov. Zhel. dor. transp. 47 no 9:41-42 S '65.

- Inception of accounting. I. Korogodin. Sov. profsoyuzy 21 no 17:10-12 S '65.

- Public inspection is a powerful factor. M. I. Koshlitsk. Put' i put. khoz. 9 no 9:8-10 '65.

- Regulation on the rights of the factory and plant local committee; comments on article No. 13. Sov. profsoyuzy 21 no 17:41 S '65.

- Regulation on the rights of the factory and plant trade union committee; comments to articles No. 14 and No. 15. Sov. profsoyuzy 21 no 19:46-48 O '65.

WORLD FEDERATION OF TRADE UNIONS

- Anniversary of the World Federation of Trade Unions. Sovremennik. Nov. vrem. 23 no 40:5-8 O '65.

- Protection of workers' interests is the principle of the work of the World Federation of Trade Unions. A. Sharov. Sov. profsoyuzy 21 no 19:40-41 O '65.

- The 20th anniversary of the World Federation of Trade Unions. Louis Salliant. Vsem. prof. dvizh. no 5:1-3 S '65.

- Twenty years of the World Federation of Trade Unions. Vsem. prof. dvizh. no 5:7, 9, 11, 13, 15, 17, 19, 21, 23 S '65.

- The world labor parliament. P. Efimov. Nov. vrem. 23 no 42:8-9 O '65.

WORLD POLITICS

- Current problems of world politics. *Miroznanie*, no. 10 71-92 '65.
- Glagolev, V. F. [Why the battle between the two ideologies is becoming more intensive?] *Pocheniu obostanetsia borba dvukh ideologii*. Moskva, Politizdat, 1964. 46 p.
- Historical results and lessons of the Second World War. A. Borodin. *Komm. Ukr.* 40 no. 9:53-62 '65.
- In the interest of peace and progress. *Nov. vrem.* 23 no. 10:1-2 O '65.
- International notes. *Nov. vrem.* 23 no. 40:22-23 O '65.
- International notes. *Nov. vrem.* 23 no. 11:21-25 O '65.
- International notes. *Nov. vrem.* 23 no. 42:24-25 O '65.
- International notes. *Nov. vrem.* 23 no. 43:26-27 O '65.
- International review. *Miroznanie*, zhizn' 12 no. 10:131-112 O '65.
- Shevelev, A. G. [Solidarity of peoples in the struggle for peace] *Solidai nost' narodov v bor'be za mir* (Leningrad) Leningrad, 1963 54 p. (CS-11)

Spidenko, K. I., and others. [Political and economic map of the world] *Politicheskaya i ekonomicheskaya karta mira*. Moskva, Voennoe izd-vo, 1964. 421 p. maps. (NJP)

Zorin, V. A., and G. I. Morozov, eds. [The U.N. and current international problems, on the 20th anniversary of the U.N.] *ON i aktual'nye mezhdunarodnye problemy*. K 20-letiu ON. Moskva, Mezhdunarodnye otnosheniya, 1965. 363 p.

WORLD WAR, 1939-1945

- (see also subdivision under Bulgaria, Carpathian Mountains; Crimea; Czechoslovakia, Don Valley; Europe, Eastern, Far East; Italy; Japan, Karolia; Kazakhstan; Ladoga Lake region, Moldavia; Sakhalin; Shumshu Island; Ukraine; United States; West Kazakhstan Territory, White Russia)
- Combat cooperation of the Slavs during the years of the Second World War. T. S. S. Garbunov. *Vest. AN BSSR*. Ser. hram. nav. no. 2:14-19 '65.
- Heroes of the Soviet Union among the workers of the river fleet. *Rech. transp.* 24 no. 5:1-5 '65.
- Historical meaning and sources of the U. S. S. R. victory in the Great Patriotic War. T. Zh. Zinngel'din. *Lv. AN Kazakh SSR*. Ser. obshchestv. nauk 3 no. 4:3-13 Ji-Ag '65.
- The navy on the eve of the Great Patriotic War. N. Kuznetsov. *Voen.-ist. zhur.* 7 no. 9:59-76 S '65.
- Iakimov, A. I. [Along the roads of triumph] *Dorogi pobedy*. Tashkent, Ob'edinnennoe izd-vo TsK Kompartii Uzbekistana, 1965. 55 p. (Biblioteka voennykh rasskazov)
- The state and further tasks of the study of the participation of the workers of Kazakhstan in the Great Patriotic War. S. N. Pokrovskii. *Lv. AN Kazakh SSR*. Ser. obshchestv. nauk 3 no. 4:23-29 Ji-Ag '65.
- Unforgettable pages of military glory. P. A. Rotunistrov. *Nov. i novish. int.* no. 5:69-78 '65.

WORLD WAR, 1939-1945—AERIAL OPERATIONS

- Fedorov, A. G. [The last start] *Do poslednego starta*. Moskva, Voenizdat, 1965. 208 p. (Voennye memuary)
- Flying over the frontiers. A. Fedorov. *Mol. komm.* no. 9:82-86 S '65.
- True to military duty. V. Nikiforov. *Voen.-ist. zhur.* 7 no. 7:81-83 Ji '65.

WORLD WAR, 1939-1945—AMPHIBIOUS OPERATIONS

- Antilanding coast defense according to the experience of the Second World War. N. Volkov. *Voen.-ist. zhur.* 7 no. 9:11-20 S '65.

WORLD WAR, 1939-1945—ANNIVERSARIES, ETC.

- Scientific conference dedicated to the 20th anniversary of the victory over fascist Germany. V. Kumanav. *Voen.-ist. zhur.* 7 no. 7:89-97 Ji '65.

WORLD WAR, 1939-1945—ATROCITIES

- Marunchuk, M. H. [System of German concentration camps and the policy of extermination in the Ukraine] *Sistema natsional'nykh konstantativ i politika vynyshchuvannia v Ukraini*. Winnipeg, Zahal'na biblioteka "UKT", 1963. 87 p. map. (MID)

WORLD WAR, 1939-1945—CAMPAIGNS

- Operation of unused possibilities. *Voen.-ist. zhur.* 7 no. 7:117-124 Ji '65.
- Some problems in the control of armed combat in the summer of 1942. A. Vasil'yevskii. *Voen.-ist. zhur.* 7 no. 6:9-10 Ag '65.

WORLD WAR, 1939-1945—CHILDREN

- Mal'chik, E. I. A. [20 years and three days] *20 let i tri dnya*. Moskva, Znanie, 1965. 93 p.

WORLD WAR, 1939-1945—COMMUNICATIONS

- Communication in the front offensive operations of the Great Patriotic War. P. Kurochkin. *Voen.-ist. zhur.* 7 no. 7:35-45 Ji '65.

WORLD WAR, 1939-1945—ENGINEERING AND CONSTRUCTION

- On military automobile roads. N. Strakhov. *Voen.-ist. zhur.* 7 no. 8:45-57 Ag '65.

WORLD WAR, 1939-1945—HISTORIOGRAPHY

- Objectivity or tendency? A. Samsonov. *Voen.-ist. zhur.* 7 no. 9:21-32 S '65.

WORLD WAR, 1939-1945—LITERATURE AND THE WAR

- Test of durability. A. Vlasenko. *Oktabr'* 42 no. 9:209-209 S '65.

WORLD WAR, 1939-1945—NAVAL OPERATIONS

- A giant and "midgets." A. Kvitinskii. V. Murav'ev. *Voen.-ist. zhur.* 7 no. 8:17-25 Ag '65.
- The navy during the Great Patriotic War. V. Achikasev. *Voen.-ist. zhur.* 7 no. 7:21-34 Ji '65.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES

- Always on the front line. B. Uspenskii. *Prof.-tekh. obr.* 22 no. 9:19-21 S '65.
- At the cost of one's life. T. Nuzmenko. *Rech. transp.* 24 no. 5:9 '65.
- It was and at work. M. Krenov. *Sots. obshch.* 26 no. 6:4-5 Je '65.
- Don't forget it. P. Chernenko. *Sots. obshch.* 26 no. 6:7-9 Je '65.

Eremov, Nikolai. [Soldiers under the ground] *Soldaty podzemel'ia*. Tashkent, Ob'edinnennoe izd-vo TsK Kompartii Uzbekistana, 1965. 55 p. (Biblioteka voennykh rasskazov)

Fedorov, A. G. [The last start] *Do poslednego starta*. Moskva, Voenizdat, 1965. 208 p. (Voennye memuary)

Ivan Vellkorodnyi, a farmer's son. L. Novikov. *Prof.-tekh. obr.* 22 no. 9:17 S '65.

Karpov, Vladimir. [Missing in action; reminiscences of the war] *Propavshii bez vesti; vospominaniya o voine*. Tashkent, Ob'edinnennoe izd-vo TsK Kompartii Uzbekistana, 1965. 38 p. (Biblioteka voennykh rasskazov)

Lepeškin, Viktor. [In the steppe near Kagul; reminiscences of a former border guard] *V stepi pod Kagulom, vospominaniya byvshego pogranichnika*. Kishinev, Karlia moldoveniaske, 1965. 116 p.

Memory of a hero is still alive. I. Levina. *Prof.-tekh. obr.* 22 no. 9:16 S '65.

Reminiscences. D. S. Vachutov and others. *Lv. AN Kazakh SSR*. Ser. obshchestv. nauk 3 no. 4:35-55 Ji-Ag '65.

The road of life. Z. G. Rusakov. *Rech. transp.* 24 no. 5:12-13 '65.

Starinov, I. G. [Mines wait their hour] *Miny zhdui svoego chasa*. Moskva, Voenizdat, 1964. 222 p. (Voennye memuary) (NJP)

War years.... Prof.-tekh. obr. 22 no. 9:15 S '65.

Warriors recall... V. Bushin. *Oktabr'* 42 no. 9:204-206 S '65.

WORLD WAR, 1939-1945—REGIMENTAL HISTORIES

- Rodimtsev, A. I. [People of legendary heroism] *Ljudi legendarnogo podviga*. Moskva, DOSAAF, 1964. 133 p. (CS-11)
- Vinokur, L. A. [Seventh Guards Brigade marches westward] *7-i Gvardiyskaya idet na zapad*. Volgograd, Nizhne-Volzhskoe knizhnoe izd-vo, 1964. 268 p. (CS-11)

WORLD WAR, 1939-1945—TRANSPORTATION

- The great victory. *Rech. transp.* 24 no. 5:1-3 '65.
- On military automobile roads. N. Strakhov. *Voen.-ist. zhur.* 7 no. 8:45-57 Ag '65.
- River transportation workers of the Moscow area in the defense of the capital. *Rech. transp.* 24 no. 5:5 '65.
- A special assignment. S. Viktorov. *Rech. transp.* 24 no. 5:7 '65.

WORM-GEAR see Gearing, Worm

WORMS, INTESTINAL AND PARASITIC

- (see also subdivision under Moscow Province)
- Erahov, V. S. [Helminthiasis of swine] *Hel'mintozy svinei*. Moskva, Izd-vo sel'skhoz. lit-ry, zhurnalov i plakatov, 1963. 233 p. (DNA)

WORMWOOD see subdivision under Kazakhstan

WORTH

- Specific criteria in value judgments. V. N. Sherdakov. *Uch. zap. Kaf. obshchestv. nauk vuz. g. Len.*, Filos. no. 8:156-168 '65.
- Researchers should turn their attention to the problem of values. I. F. Baikina. *Vop. filos.* 19 no. 9:152-157 '65.

WOUNDS

- Some characteristics of medicolegal expertise in mechanical injuries to the body. O. A. Zakharov, M. M. Rubinchik. *Sud.-med. eksp.* 8 no. 3:24-27 Ji-S '65.

WOUNDS—MICROBIOLOGY

- Leukocidin of staphylococci causing wound infection. V. M. Svetovidova, M. P. Lobanova. *Zhurn. mikrobiol., epid. i immunit.* 42 no. 8:53-58 Ag '65.
- Relation of the concentration of monomycin in the blood and wound tissues to the method of its introduction in rabbits with Proteus wound infections. E. V. Bobkova. *Antibiotiki* 10 no. 9:828-831 S '65.

WRAPPING MACHINES

- Semi automatic ShZVA machine for twist wrapping of wafers. I. A. V. Holovko. *Khar. prom.* no. 3:13-16 Ji-S '65.

WRESTLING

- Athletes haven't disappeared. A. Mazur. *Sov. voln.* 47 no. 13:46-47 Ji '65.

WRITING

- Istrin, V. A. [Origin and the development of writing] *Voznikoveniye i razvitiye pis'ma*. Moskva, Nauka, 1965. 596 p.
- Pavlenko, N. A. [Concise outline of the history of writing] *Kratkii ocherk istorii pis'ma*. Minsk, Vysshaya shkola, 1965. 170 p.

X-RAY ABSORPTION

- Effect of the composition of beneficelation products on results of an analysis for molybdenum by the K-absorption edge. G. S. Khan, S. F. Abdullin. *Izv. vys. ucheb. zav.*; *svet. met.* 8 no. 4:39-44 '65.

X-RAY CRYSTALLOGRAPHY

- Akademiya nauk URSS, Kiev. [Study of the imperfections of crystal structures] *Issledovanie nesovershenstv kristallicheskogo stroeniya* [Kiev, Naukova dumka, 1965. 134 p. (Respublikanskiy nauchno-issledovatel'skiy sbornik. Seriya: "Metallofizika")]
- Röntgenographic study of the rhodium mineral in the ores of Dzhezkazgan. T. P. Poliakova. *Vest. AN Kazakh SSR* 22 no. 8:69-73 Ag '65.
- Use of the method of a stereometric metallography in interpreting the pole figures of the compression of iron. G. M. Vorob'ev, V. I. Popova. *Izv. vys. ucheb. zav.*, *fiz.* 8 no. 3:12-17 '65.
- X-ray spectra of silicon in crystalline and glasslike quartz and lithium-silicate glasses. O. A. Ershov, D. A. Gogonov, A. P. Lukirskii. *Fiz. tver. tela* 7 no. 8:235-238 Ag '65.

X-RAY DIFFRACTION EXAMINATION

- Crystal chemistry of vanadium coordination compounds. Part 1: Synthesis and X-ray diffraction study of some coordination compounds of vanadium (IV). V. N. Markin, O. A. Lobanova, S. S. Tolkaev. *Vest. LGU* 20 no. 10:133-137 '65.
- Effect of the size of particles on the results of quantitative X-ray phase analysis. L. L. Zaynalova, A. S. Ivodov. *Zav. lab.* 31 no. 8:983-989 '65.
- Study of the two-component mixtures of clay minerals by the X-ray diffraction method and infrared spectroscopy. G. M. Rylov, G. A. Golubova. [Trudy] *Inst. geol. i geofiz. Sib. otd. AN SSSR* no. 32:51-55 '65.
- "Wischewito" from the alkali rocks of the Alay Range. G. A. P'inskii, S. I. Turchenko. *Zap. Vses. nauch. ob-va* 84 no. 4:469-471 '65.
- X-ray diffraction and microstructure study of phase relations in the formation of barium-cobalt hexaferrite $\text{Ba}_2\text{Co}_2\text{Fe}_{24}\text{O}_{41}(\text{Co}_2\text{Z})$. M. A. Vinik, A. I. Agranovskaya, N. N. Semanova. *Izv. AN SSSR. Neorg. mat.* 1 no. 7:1171-1183 Ji '65.
- X-ray diffraction examination of lanthanum tellurides. A. A. Eliseev and others. *Izv. AN SSSR. Neorg. mat.* 1 no. 7:1027-1038 Ji '65.
- X-ray diffraction method for determining the degree of polymerization of polymers. M. A. Martynov, K. A. Vylegzhanina. *Plast. massy* no. 8:59-63 '65.
- X-ray diffraction study of the oxidation of alloys of the system $\text{Ni}_3\text{Al}-\text{Ni}_3\text{Nb}$. M. P. Arbutov, V. G. Chuprina. *Izv. AN SSSR. Neorg. mat.* 1 no. 7:1121-1127 Ji '65.
- X-ray investigation of residual stresses in tin coatings. D. M. Vasil'ev, V. K. Glazunova. *Izv. vys. ucheb. zav.*; *chern. met.* 8 no. 9:151-154 '65.

X-RAY SPECTROSCOPY

- Distribution of elements during the formation of ceramic metal alloys in the system W-Ni-Fe. I. A. Dzykovich and others. *Poroosh. met.* 5 no. 8:82-89 Ag '65.
- Effect of the instrumental error on the precision and sensitivity of X-ray spectral analysis. Report 1. I. U. G. Lavrent'ev, E. E. Vainshtein. *Zhurn. anal. khim.* 20 no. 9:910-924 '65.
- Rapid determination of the tin and antimony content of ores and of the products of their concentration. F. V. Nikitin. *Zav. lab.* 31 no. 8:986-988 '65.
- Relation between zone and discrete absorption in atomic X-ray spectra in polar crystals. L. N. Mazalov, E. E. Vainshtein, V. G. Zyrin. *Dokl. AN SSSR* 164 no. 3:545-548 S '65.

- X-RAY SPECTROSCOPY (Continued)**
Tubes for X-ray spectral analysis of deflection in metals and alloys. A. M. Zherdev, B. I. A. Petrenko. *Zav. lab.* 31 no. 8 1029 '65.
Use of a zirconium-tritium source for nondispersion X-ray spectrum analysis. I. U. P. Botin and others. *Atom. energ.* 19 no. 3 297-298 S '65.
X-ray spectroscopic microanalysis of the rhenium mineral from Dzhezkazgan ores. C. A. Koslakov. *Vest. AN Kazakh SSR* 22 no. 8 52-57 Ag '65.
- X RAYS**
Effect of activator interaction and the duration of X-irradiation on the absorption spectra of NaCl - Cu, Pb-phosphors. O. K. Khilivnik. *Ukt. fiz. zhur.* 10 no. 9 1007-1013 S '65.
- X RAYS—EFFECT ON PLANTS** see *Plants, Effect of X rays on*
- X RAYS—PHYSIOLOGICAL EFFECT**
Change in the secretory activity of the thyroid gland following whole-body X-ray irradiation. V. K. Kalina. *Radiobiologiya* 5 no. 4 525-527 '65.
Effect of culture density on the development of chromosomal aberrations in the fibroblasts of mice under normal conditions and following X-irradiation with the dose of 35 r. I. U. A. Mitrofanov. *Izv. AN SSSR. Ser. biol.* no. 5 783-787 S-O '65.
Effect of intestine screening on the restoration of hemopoiesis in irradiated mice. M. I. Imanushevskaya. *Dokl. AN SSSR* 164 no. 2 445-447 S '65.
Effect of small ionizing radiation doses on some phases of the deoxyribonucleoprotein structure. B. P. Ivannik and others. *Radiobiologiya* 5 no. 4 491-493 '65.
Effect of small X-ray doses on antidiapherous immunity. L. L. Blinova. *Nauch. trudy Kaz. gos. med. inst.* 14 III-112 '64.
Effect of sodium gallate and some other polyphenols on the sugar level in the blood of intact and irradiated rabbits. V. A. Baraboi. *Ukr. biokhim. zhur.* 37 no. 4 578-588 '65.
Effect of the combined action of accelerations, vibration and radiation on cell nuclei of the bone marrow in mice. M. A. Arsen'eva, L. A. Beliaeva, A. V. Golovkina. *Probl. kosm. biol.* 4 373-390 '65.
Effect of total X-ray irradiation on the content of glycoproteins in the blood serum of normal and hypothyroid animals. E. I. Oletskii. *Biul. eksp. biol. i med.* 60 no. 8 54-56 Ag '65.
Inhibition of autolysis by substances capable of radical polymerization. A. S. Arkhipov, I. U. P. Kozlov. *Radiobiologiya* 5 no. 4 618-617 '65.
Metabolism of phosphorus compounds in the small intestine of mice following starvation and repeated irradiation. A. S. Orlov. *Radiobiologiya* 5 no. 4 528-532 '65.
Microscopic analysis of injuries of the extremities in mouse embryos following irradiation at the critical period of the development. L. G. Neverova. *Arkh. anat., gist. i embr.* 49 no. 8 93-99 Ag '65.
Nature of the change in γ -aminobutyric acid in brain tissues following local irradiation of the cerebellum. A. P. Mironova. *Radiobiologiya* 5 no. 4 536-539 '65.
Radiation injuries of interphase nuclei in the cells of developing loach embryos. N. V. Pankova. *Radiobiologiya* 5 no. 4 555-558 '65.
Reaction of peripheral vessels to local X-ray irradiation. O. V. Mikhailova. *Nauch. trudy Kaz. gos. med. inst.* 14 243-244 '64.
- X RAYS—SCATTERING**
Anomalous scattering of X rays by tiny crystals of the precipitating β -phase at the late stages of breakdown of a supersaturated solid solution of zinc in aluminum (AlZn). G. V. Kleshchev, D. V. Shumilov. *Trudy Chel. gos. ped. inst.* 2191-194 '64.
Variational principle in the dynamic theory of X-ray scattering. V. S. Mospanov. *Izv. vyz. ucheb. zav., fiz.* 8 no. 3 164-166 '65.
- X RAYS—SPECTRA**
Experimental detection of an isotopic shift in the molybdenum $K_{\alpha 1}$ X-ray line. O. I. Sumbasov, A. F. Mozen-tsev. *Zhur. eksp. i teor. fiz.* 48 no. 2 459-469 Ag '65.
- X RAYS—THERAPEUTIC USE**
Effect of sodium nicotinate, riboflavin and folic acid on phagocytosis in the process of X-ray therapy in malignant tumors. E. M. Chukiev, B. I. A. Iuditskii. *Med. rad.* 10 no. 7 61-65 JI '65.
Methodology for X-ray treatment of diffuse forms of cancer of the upper third of the esophagus using a lead grating. I. I. Karibov. *Vest. rent. i rad.* 40 no. 4 57-59 JI-Ag '65.
Short focus skin distance intrauterine X-ray therapy in compound treatment of cancer of the cervix uteri. M. M. Nivinskaya, M. N. Pichugina, I. A. Avdeeva. *Med. rad.* 10 no. 7 18-23 JI '65.
Short focus skin distance X-ray therapy of angiomata. A. I. Solovko. *Med. rad.* 10 no. 7 27-34 JI '65.
- Some functional studies in short focus skin distance X-ray therapy of skin cancer. E. B. Iablonik. *Med. rad.* 10 no. 7 38-40 JI '65.
Use of X-ray irradiation for the resorption of crystalline lens substance. A. F. Blovkina, T. D. Kostlukova. *Med. rad.* 10 no. 7 53-56 JI '65.
- XENOLITHS** see *subdivision under Crimea*
- XEROGRAPHY**
Charge mechanism in electrophotography. V. V. Pospelov. *Zhur. nauch. i prikl. fot. i kin.* 10 no. 5 365-369 S-O '65.
The form of the isopaque of selenium electrophotogenic films. I. Kaminskaya, R. Kavliarskaya, J. Rakauskas. *Zhur. nauch. i prikl. fot. i kin.* 10 no. 5 391-392 S-O '65.
Kinetics of photodepolarization of selenium electrophotographic layers. I. U. N. Barulin. *Zhur. nauch. i prikl. fot. i kin.* 10 no. 5 369-377 S-O '65.
- XYLANES**
Synthesis and oxidation of ethyl xylan. O. P. Koz'mina and others. *Vysokom. soed.* 7 no. 6 958-961 Je '65.
- XYLENOL ORANGE**
Photometric determination of aluminum using xylene orange. V. N. Tikhonov. *Zhur. anal. khim.* 20 no. 9 941-946 '65.
Photometric determination of microgram amounts of copper, zinc, and lead in natural waters using xylene orange. T. V. Gurkina, A. M. Igoshin. *Zhur. anal. khim.* 20 no. 7 778-781 '65.
Spectrophotometric study of the reaction of gallium with xylene orange. P. Kish, M. I. Golovet. *Zhur. anal. khim.* 20 no. 7 781-793 '65.
- YACHT BUILDING**
Comparing the hulls of the Star class yachts. B. V. Mirokhin. *Sudostroenie* 30 no. 7 10-12 JI '64.
- YAKUT LANGUAGE—FOREIGN WORDS AND PHRASES—RUSSIAN**
Sheptov, P. A. [Russian loan words in Yakut; the pre-revolutionary period] Russkie lokal'skie zaimestvovaniya v yakutskom yazyke; dorevolutsionnyi period. Iakutsk, Iakutskoe knizhnoe izd-vo, 1964. 195 p.
- YAKUT LANGUAGE—TRANSLITERATION INTO RUSSIAN**
Moscow, Tsentral'nyi nauchno-issledovatel'skii institut geodezii, aërosvetnik i kartografi. [Dictionary of the Russian transcription of terms and words encountered in the geographical names of the Yakut A. S. S. R.] Slovar' russkoi transkriptitsii terminov i slov, vstrochennykh v geograficheskie nazvaniya Iakutskoi ASSR. Sost. F. K. Komarov. Moskva, 1964. 134 p.
- [MICROFILM]
- YAKUTIA—COMMUNIST PARTY OF THE SOVIET UNION**
Communists of the Far North. S. Borisov. *Pat. zhizn'* no. 20 51-56 O '65.
- YAKUTIA—FAULTS (GEOLOGY)**
One potential and one controlling role of the Nal'chan fault zone. M. A. Galkin. *Geol. i geofiz.* no. 7 112-116 '65.
- YAKUTIA—GEOLOGICAL TIME**
Age of the Kependyay and Ygnatia troughs and the Sutar buried horst. M. V. Mikhailov, V. F. Filatov. *Geol. i geofiz.* no. 7 60-67 '65.
- YAKUTIA—KARST**
Characteristics of the development of karst in southwestern Yakutia. N. S. Blagovolin. *Trudy MOIP* 15 78-83 '65.
Karst of Yakutia. S. S. Korzhuev. *Trudy MOIP* 15 67-72 '65.
- YAKUTIA—NAMES, GEOGRAPHICAL**
Moscow, Tsentral'nyi nauchno-issledovatel'skii institut geodezii, aërosvetnik i kartografi. [Dictionary of the Russian transcription of terms and words encountered in the geographical names of the Yakut A. S. S. R.] Slovar' russkoi transkriptitsii terminov i slov, vstrochennykh v geograficheskie nazvaniya Iakutskoi ASSR. Sost. F. K. Komarov. Moskva, 1964. 134 p.
- [MICROFILM]
- YAKUTIA—ORE DEPOSITS**
Akademii nauk SSSR, Iakutskii filial, Yakutsk, Institut geologii. [Geology of tin-ore and complex metal deposits in Yakutia] Geologiya olovoudukh i polimetallicheskikh mestorozhdenii Iakutii. Moskva, Nauka, 1965. 205 p.
- YAKUTIA—PALEONTOLOGY, STRATIGRAPHIC**
Akademii nauk SSSR, Sibirskoe otdeleniye, [Paleontology and biostratigraphy of Paleozoic and Triassic deposits in Yakutia] Paleontologiya i biostratigrafiya paleozoicheskikh i triasovykh otlozhenii Iakutii. Moskva, Nauka, 1965. 120 p. illus.
- YAKUTIA—SHIPPING**
Change the system of shipping goods to the Yakut A. S. S. R. P. Ivanov. *Rech. i transp.* 24 no. 4 10-20 '65.
- YAKUTIA—TIN ORES**
Akademii nauk SSSR, Iakutskii filial, Yakutsk, Institut geologii. [Geology of tin-ore and complex metal deposits in Yakutia] Geologiya olovoudukh i polimetallicheskikh mestorozhdenii Iakutii. Moskva, Nauka, 1965. 205 p.
- YAMS** see *subdivision under Moscow region*
- YARN**
Calculating the breaking strength of two-component yarns made from cotton, nylon and rayon. A. G. Kozlov. *Izv. vyz. ucheb. zav., tekhn. tekst. prom.* no. 1 167-169 '65.
Production of cotton-nylon blend yarn in the Textile Spinning Factory. B. K. Shvelkin, O. B. Pimenov. *Leh. prom.* no. 3 17-19 JI-S '65.
Twist setting of French spun yarn. A. M. Sapozhova. *Izv. vyz. ucheb. zav., tekhn. tekst. prom.* no. 1 51-55 '65.
- YARN—TESTING**
Changes in the properties of heterogenous yarns in repeated stretching. J. Palamka, A. Matukala. *Izv. vyz. ucheb. zav., tekhn. tekst. prom.* no. 4 17-22 '65.
Studying the changes in some properties of the "Merano" textured yarns as related to weaving. V. I. Vlodin. *Izv. vyz. ucheb. zav., tekhn. tekst. prom.* no. 1 85-90 '65.
- YAROSLAVL—DIESEL ENGINE INDUSTRY—MANAGEMENT**
Plus the collective's search. V. Polyutin. *Sov. prof. soz.* 21 no. 19 6-8 O '65.
- YAROSLAVL PROVINCE—RADIOBROADCASTING**
The factory "Heaven" in speaking. K. Malenkov. *Pat. zhizn'* no. 20 75-77 O '65.
- YAROSLAVL PROVINCE—VETERINARY HYGIENE**
Our contribution to the development of animal husbandry. I. D. Shupliakov. *Veterinaria* 42 no. 7 9-10 JI '65.
- YEAST**
Activation of industrial yeast strains. M. V. Malygina, V. P. Kishko. *Khleb i kond. prom.* 9 no. 9 16-18 '65.
From the experience in the processing of sulfate flours from pulping with various bases. Report No. 2. Improving the yeast and concentrate production. V. I. Il'ina, nov. Gidroliz. i lesokhim. prom. 18 no. 6 22-24 '65.
Production of fodder yeast from kenaf straw. M. A. Zolina. *Gidroliz. i lesokhim. prom.* 18 no. 6 15-16 '65.
Studying the coloring of dry yeast. V. I. Rukhina, S. V. Stechkov. *Gidroliz. i lesokhim. prom.* 16 no. 6 1-2 '65.
- YEAST—CULTURES AND CULTURE MEDIA**
Selecting the strain of the fodder yeast and additional nutrients in its growing on acetone-butyl alcohol. N. P. Gus'kova, I. S. Logotkina. *Form. i upr. prom.* 11 no. 6 30-32 '65.
- YEAST AS FEEDS**
Preparation of fodder yeasts from molasses waste of the Dzhambut Alcohol and Vodka Combine. M. I. Gerasimov and others. *Izv. AN Kazakh SSR. Ser. khim. i med.* 15 no. 2 77-82 Ap-Je '65.
- YELIZOVO DISTRICT—FUR FARMING**
Portadun, A. I. [For factory] Fabrika pashiny. [Vishniy stok, Dal'nnevostochnoe knizhnoe izd-vo, 1964] 21 p. [DUAL MICROFILM]
- YELLOW SEA—POLYCHAETA**
Free-swimming Polychaeta of the Yellow Sea. P. V. Ushakov. *Issled. fauny mor.* 3 146-288 '65.
- YENISEY RANGE—FOLDS (GEOLOGY)**
Time of the folding manifestation in Cambrian sediments in the northern part of the Yenisey Range. V. G. Petrov. *Geol. i geofiz.* no. 8 124-128 '65.
- YENISEY RANGE—GEOLOGICAL TIME**
Time of the folding manifestation in Cambrian sediments in the northern part of the Yenisey Range. V. G. Petrov. *Geol. i geofiz.* no. 8 124-128 '65.
- YENISEY RIVER—SHIPPING**
Comprehensive utilization of the Yenisey and Angara Rivers. D. Poslavskii. *Rech. i transp.* 24 no. 3 39-40 '65.
A new cargo motor ship for the Yenisey River. A. I. Khislav. *Rech. i transp.* 24 no. 5 37-38 '65.
- YENISEY VALLEY—GEOMORPHOLOGY**
Brief geomorphological characteristics and the regularization of the Yenisey Valley in the boundaries of the Minsinsk intermontane trough and the Eastern Sayan Mountains. D. P. Finarov. *Uch. zap. Ped. inst. Gorky.* 267:33-60 '64.

YENISEY VALLEY—RESERVOIRS

Comprehensive utilization of the Yenisey and Angara Rivers. D. Postavskii. *Rech. transp.* 24 no. 5 39-40 '65.

YEREVAN see Erivan

YERGENI HILLS—GEOLOGY, STRATIGRAPHIC

Some problems in the stratigraphy of Paleogene sediments in the southern Yergeni Hills. G. P. Leonov and others. *Trudy NII neftegaza* no. 13 47-53 '65.

YESSENTUKI (STAVROPOL TERRITORY)—MINERAL WATERS

Motor function of the gallbladder in chronic diseases of the biliary tract during treatment at Yessentuki Health Resort. X-ray observations. N. M. Pollakov. *Trudy 1-go MMI* 30:103-114 '65.

YEVPATORIYA (UKRAINE)—HEALTH RESORTS, WATERING PLACES, ETC.

Mol'skaia, N. E. [Compound treatment of the sequelae of poliomyelitis under the sanatorium and health resort conditions of Yevpatoriya]. Kompleksnoe lechenie bol'nykh s posledstviiami poliomyelita v sanatoriyo-kurortnykh usloviakh Yevpatorii. Kiev, Zdravot'la, 1965. 155 p. (Kurorty) (DNLM)

YEYSK DISTRICT—COLLECTIVE FARMS

Consolidate the best collective farm traditions. F. Petrenko. *Part. zhizn'* no. 20:67-68 O '65.

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUNG MEN—HEALTH AND HYGIENE

(see also subdivision under Kazan)

Study of the physical development and health in young men. V. I. Feoktistov. *Nauch. trudy Kaz. gos. med. inst.* 14: 57-58 '64.

YOUTH

(see also subdivision under Great Britain)

Rollable reserve of the working class. V. Chachin. *Agitator* 33 no. 18:16-17 S '65.

Young builders of communism. F. G. Dolbrin. *Agitator* 33 no. 10:10 S '65.

YOUTH—EMPLOYMENT

Assert yourself by action. Igor' Kon. *Mol. komm.* no. 0:8-10 S '65.

Why youths have a hard time. T. Pyshchenko. *Sov. profsoyuzy* 21 no. 17:7 S '65.

YTTRIUM COMPOUNDS

Mersbauer effect on Sn^{119} nuclei injected into the lattice of yttrium ferrite garnet. K. P. Belov, I. S. Ljubutin. *Pis'ma v red. Zhur. eksper. i teor. fiz.* 1 no. 1:26-31 Ap '65.

Superexchange induction of magnetic fields on nonmagnetic atomic nuclei. V. I. Gol'danskii and others. *Pis'ma v red. Zhur. eksper. i teor. fiz.* 1 no. 1:31-36 Ap '65.

YTTRIUM OXALATE

Mechanism of yttrium oxalate formation. E. G. Davitashvili, M. R. Modobadze. *Sobch. AN Gruz. SSR* 39 no. 2:305-312 Ag '65.

YTTRIUM OXIDES

New catalytic properties of yttrium oxide. K. V. Topchieva, V. Ia. Stetsenko. *Kin. i kat.* 6 no. 4 751 Ji-Ag '65.

YUGOSLAV PHILOLOGY

International Seminar of Slavists held in Yugoslavia. P. A. Dmitriev, G. I. Safronov. *Izv. AN SSSR, Ser. III, i faz.* 24 no. 4:307-368 Ji-Ag '65.

YUGOSLAVIA—BIBLIOGRAPHY

[New literature on Yugoslavia] Nov. 11, po iug. no. 6 '65.

YUGOSLAVIA—CONSTITUTION

Yugoslavia. Constitution. [Draft constitution of the Federal Socialist Republic of Yugoslavia] Projekt konstitucije Federativnoi Sotsialisticheskoi Respubliki Iugoslavii. Belgrad, Soluz ob'edineniih iuristov Iugoslavii, 1962. 86 p.

YUGOSLAVIA—FOLKLORE STUDIES—CONGRESSES

Congresses of Yugoslav Folklorists. T. V. Gusev, B. N. Putilov. *Sov. slav.* no. 5:110-115 '65.

YUGOSLAVIA—TOURISM

Tents under olive trees. V. Berezhevskiy. *Nov. vrem.* 23 no. 42:26-28 O '65.

YURAK LANGUAGE—DICTIONARIES—RUSSIAN

Toroshchenko, N. M. [Nenets-Russian dictionary with a brief sketch of the grammar and vocabulary of the Nenets language. About 8,000 words] Nenetsko-russkii slovar'; s kratkim obozreniem grammatiki i leksiki nenetskogo yazyka. V sostavlenii slovaria primani uchaisto S. P. Ladukel, L. P. Komarova i M. M. Artseva. Slovar' soderzhit okolo 8000 slov. Leningrad, Gos. uchelno-pedagog. izd-vo, 1955. 314 p. (WU)

ZADRUGA see subdivision under Bulgaria

ZAGORSK—LIBRARIES

Let us help the propagandists. V. Shul'ga. *Bibliotekar* 13 no. 9:26 S '65.

ZAILIYSKYI ALATAU see Trans-Ili Alatau

ZAITSSEV, IVAN IAKOVLEVICH, 1905-

Veteran of inland navigation. B. I. Astashev. *Sich. spets. obr.* 12 no. 8:53 Ag '65.

ZAKHAR'EVSKII, MISTSLAV SERGEEVICH, d. 1965

M. S. Zakhar'evskii, obituary. *Vest. LGU* 20 no. 16: 151-152 '65.

ZAKONOV, ALEKSANDR IVANOVICH, d. 1965

Professor A. I. Zakonov, an obituary. *Sud.-med. eksp.* 8 no. 3:62 Ji-S '65.

ZALKA, MATE, 1896-1937

Arkaia, Josef. [Hero of three nations. Translated from the Hungarian] Gerol trekh narodov. Moskva, [Voen. izd-vo] 1964. 125 p. (CSU-H)

ZAMBIA—DESCRIPTION AND TRAVEL

There where the Zambezi flows. G. Kolesnichenko. *Az. i Afr. seg.* 9 no. 9:18-19 S '65.

ZAPOROZH'YE—ALUMINUM INDUSTRY

Increasing alumina output at the Dnieper aluminum plant during work with a high concentration aluminate solution. A. I. Dem'ianenko, N. G. Iakovenko, I. V. Chulov. *TSvet. met.* 38 no. 8:66-67 Ag '65.

ZAPOROZH'YE—AUXILIARY POLICE

Always at the post. P. Plurhnykov. *Rad. pravo* 28 no. 6: 30-32 '65.

ZAPOROZH'YE—IRON MINES AND MINING

Freezing of rock in depth during shaft sinking at the Zaporozh'ye Iron Ore Combine No. 1. V. A. Pan'kin, P. A. Saparber. *Sukht. stroi.* 9 no. 9:17-22 S '65.

ZAPOROZH'YE—STEEL INDUSTRY

The five-day work week is a good practice. O. Bermant. *Ekon. Rad. Ukr.* 8 no. 9:74-76 S '65.

ZAPOROZH'YE PROVINCE—CRIME PREVENTION

Participation of advocates in the prevention of law violations. D. Marchenko. *Rad. pravo* 28 no. 6:85-87 '65.

ZAPOROZH'YE PROVINCE—CRIMINAL INVESTIGATION

The work of the investigations of Zaporozh'ye Province on the precinct system. V. Iremenko, V. Dem'achenko. *Rad. pravo* 28 no. 6:44-46 '65.

ZAPOROZH'YE PROVINCE—LAWYERS

Participation of advocates in the prevention of law violations. D. Marchenko. *Rad. pravo* 28 no. 6:85-87 '65.

ZELKOVA see subdivision under Nikita (Ukraine)

ZEOLITES

(see also subdivision under Armenia)

Adsorption purification of air with synthetic zeolites. N. F. Katina, A. I. Moroz, E. V. Vagin. *Trudy VNIKIMASH* no. 10:132-139 '65.

Arrangement of silver ions in zeolite AgX. O. A. Glonti, G. V. Tsislavskii, N. A. Shishakov. *Dokl. AN SSSR* 164 no. 2:368-370 S '65.

Properties of magnesium-substituted zeolite. M. A. Plomtkovskaya and others. *Ukr. khim. zhur.* 31 no. 8 761-767 '65.

Use of synthetic zeolites in the combined drying of and carbon dioxide removal from air under high pressure. N. S. Torocheshnikov, N. V. Kol'tsev, A. I. Sidorov. *Trudy MKHTI* no. 47:68-74 '64.

Use of synthetic zeolites in the deep purification of liquefied gases. N. V. Kol'tsev, IU. K. Titova, N. S. Torocheshnikov. *Trudy MKHTI* no. 47:61-68 '64.

Use of type NaA synthetic zeolites in the drying of alcohols. L. B. Belikov and others. *Khim. i tekhn. topl. i masel* 10 no. 8:25-27 Ag '65.

Use of zeolites for the purification of nitrogen-hydrogen mixtures. M. E. Selin, D. S. Lavrukhin. *Khim. i tekhn. topl. i masel* 10 no. 8:33-34 Ag '65.

Using synthetic zeolites for separating lower olefinic hydrocarbons from lightly concentrated gases. N. V. Kol'tsev, N. S. Torocheshnikov, IU. I. Shumiatkii. *Gaz. delo* no. 9:25-28 '65.

ZERAYSHAN DANGE—SOLDIER FLIES

New data on the systematics of dendrophilous soldier flies (Diptera, Stratiomyidae) and their larvae. N. F. Krivosheina. *Ent. oboz.* 44 no. 3:652-664 '65.

ZHDANOV—MACHINERY INDUSTRY—MANAGEMENT

How varied integral-process brigades benefit us. G. Koiubov. *Sov. profsoyuzy* 21 no. 15:18-19 S '65.

ZHDANOV—OPEN-HEARTH FURNACES—DESIGN AND CONSTRUCTION

Assembling structural elements for an open-hearth plant. V. Golovkin, G. Balynskii. *Prom. stroi. i inzh. soor.* 1 no. 6:11-15 N-D '62.

ZHETYSBAY OIL FIELD—OIL RESERVOIR ENGINEERING

Field determination of the compressibility factor of the producing layer of the Zhetybay field. O. V. Kuznetsov, G. M. Iudin. *Nauch.-tekh. sbor. po dob. nefli* no. 27: 73-75 '65.

ZHITOMIR PROVINCE—AGRICULTURE—CONGRESSES

Scientific conference in a region. D. Trosteniuk. *Ekon. Rad. Ukr.* 8 no. 8:93-94 Ag '65.

ZHITOMIR PROVINCE—KAOLIN

Kaolin from the Dubrova deposit. S. K. Komol'skiy, T. D. Evich. *Leh. prom.* no. 3:31-32 Ji-S '65.

ZHITOMIR PROVINCE—TELECOMMUNICATION

Rural areas should be provided with outstanding telecommunication services. P. I. Peshkin. *Vest. aviari* 25 no. 9:20 S '65.

ZHURKOV, S. N., 1905-

Awarding scientists. *Vest. AN SSSR* 35 no. 9:123-124 '65.

ZINC—ANALYSIS

Determination of zinc in aluminum alloys by means of the FES-1 spectrophotometer. L. N. Komlev. *Zav. i lab.* 31 no. 8:970-971 '65.

ZINC—EFFECT ON PLANTS see Plants, Effect of zinc on

ZINC—ELECTROMETALLURGY

Anodic dissolution of zinc in alkali metal chloride melts. V. A. Dubinin, I. F. Nichekov, S. P. Raspopin. *Izv. vys. ucheb. zav. i tevel. met.* 8 no. 4:58-61 '65.

ZINC—METALLURGY

Lead and zinc recovery from lead smelter slags by sublimation in vacuum. V. N. Nesterov, A. L. Tsofi, R. A. Isakova. *TSvet. met.* 38 no. 8:26-30 Ag '65.

ZINC—PHYSIOLOGICAL EFFECT

Role of zinc in feeding young pigs. I. V. Petrokhin. *Khim. v sel'. khoz.* 3 no. 8:56-61 Ag '65.

ZINC-ANTIMONY ALLOYS

Production of single crystals of semiconductor phases in the system Zn-Sb. I. A. A. Ugai, P. M. Averbakh, G. S. Kruglova. *Izv. vys. ucheb. zav. i fiz.* 8 no. 3:129-133 '65.

ZINC CHLORIDE—PHYSIOLOGICAL EFFECT

Oxidation processes in the muscles following administration of zinc chloride to animals. A. O. Nikonova. *Ukr. biokhim. zhur.* 37 no. 4:574-578 '65.

ZINC COMPOUNDS

Complex formation of zinc and cadmium with serine in aqueous solutions. V. D. Pannastuk, L. B. Kotova. *Ukr. khim. zhur.* 31 no. 8:845-850 '65.

ZINC IN THE BODY

Zinc concentration in the blood and urine in sugar diabetes. G. G. Gatsko. *Dokl. AN BSSR* 9 no. 6:110-111 Je '65.

ZINC OXIDE

Photoabsorption and photoabsorption of oxygen on zinc oxide. Analysis of products. L. L. Basov, IU. P. Solonitsyn. *Kin. i kat.* 6 no. 4:752-754 Ji-Ag '65.

ZINC PLATING

Comparative characteristics of the throwing power of zinc plating electrolytes. A. P. Popkov, N. P. Sadovskaya. *Zashch. met.* 1 no. 5:543-545 S-O '65.

ZINC TELLURIDES—SPECTRA

Deformation splitting of the main excitation line in the reflection spectrum of ZnTe. A. A. Kaplanskii, L. G. Suslina. *Fiz. tver. tela* 7 no. 8:2327-2329 Ag '65.

ZIRCON see subdivision under Ural Mountains

ZIRCONIUM

(see also subdivision under Kazakhstan; Transbaikalia) "Analytical chemistry of zirconium and hafnium" by S. V. Blinova, K. I. Petrov, V. M. Peshkova. *Zhur. anal. khim.* 20 no. 9:1025 '65.

Effect of zirconium on the weldability of low-carbon steel. V. A. Savchenkov, I. S. Sotnik, V. S. Kovalenko. *Svar. prozv.* no. 9:13-15 S '65.

Extraction of titanium and zirconium from sulfate solutions. F. G. Zharovskii, L. M. Vizevskaya. *Ukr. khim. zhur.* 31 no. 8:839-844 '65.

ZIRCONIUM-COBALT-BORON ALLOYS

Zirconium-cobalt-boron system. IU. B. Kuz'ma and others. Izv. AN SSSR Neorg. mat. 1 no. 7 1112-1114 JI '65

ZIRCONIUM COMPOUNDS

Reaction of the reaction of forming zirconium compounds with collagen. A. I. Metelkin, A. L. Zaides, P. V. Kuz'mina. Izv. vys. ucheb. zav., tekhn. leg. prom. no. 4 71-81 '65

ZIRCONIUM-NIOBIUM ALLOYS see Niobium-zirconium alloys

ZIRCONIUM OXIDES

Binary oxides in the system $ZrO_2 - Nb_2O_5$. V. K. Trunov and others. Izv. AN SSSR Neorg. mat. 1 no. 7 1152-1154 JI '65

ZOLLINGER-ELLISON SYNDROME

Luteal cell cancer of the pancreas. V. I. A. Mikhailov. Trudy O'Ch. no. 54 151-158 '64

ZONE MELTING

Electric slag remelting of cast iron. IU. A. Sterenbogen, V. F. Khorunov, IU. IA. Gretsik, Lit. protzv. no. 3, 8-9 Apr '64.

Some particular cases of zone recrystallization. V. N. Vagdonovich, V. V. Marychev. Zhur. fiz. khim. 39 no. 8 2011-2016 Ag '65

Statistical analysis of the direction of preferred growth of single crystals of molybdenum obtained by electron beam nonrecrystallization. A. I. Pekarev, IU. D. Chistikov, G. N. Shechenko. Izv. vys. ucheb. zav., tekhn. met. 8 no. 3 65-72 '65

ZONING, ECONOMIC see Economic zoning

ZOOLOGICAL RESEARCH

Current problems facing Soviet zoologists, session of the Scientific Council in Leningrad. P. V. Terent'ev. Vest. AN SSSR 35 no. 9 110-113 '65.

ZOOLOGY—CONGRESSES

Brief news and information. Zool. zhurn. 11 no. 7 1111-1120 '65

Second Conference of the Study of Mollusks. Paleont. zhurn. no. 3 119-151 '65.

ZOOLOGY—ECOLOGY

Qualitative differences of the intra- and interspecific relations of organisms in the light of recent data. A. V. Radushkin. Izv. Omsk. Otd. Geogr. obsch. no. 6, 39-46 '64.

ZOOLOGY—JUVENILE LITERATURE

Batuev, A. M. [Marine and other animals] Maritime biology. Leningrad, Detskaya literatura, 1965. 30 p. (Biblioteka pionera "Znai i umei")

ZOOLOGY—VARIATION

Injury of neural crest derivatives in mice of *Mus musculus* and White mutant lines. E. V. Isenbiller, V. V. Osipov, M. P. Vakhrameeva. Arkh. anat., histol. embriol. 10 no. 8:190-197 Ag '65.

ZOOPLANKTON—CLASSIFICATION

Taxonomy of marine planktonic organisms and zooplankton. K. A. Brodskii. Okeanologiya 5 no. 4:577 '65.

ZORIN, DMITRI IVANOVICH, 1908-

Theme of creativity. IU. Zaides, Trudy O'Ch. no. 54 151-158 '64

Monthly Index *of* Russian Accessions



Volume 18, No. 10

January 1966

THE LIBRARY OF CONGRESS
WASHINGTON : 1966

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1954 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1954. Tables of contents in English translation are provided for most periodicals listed. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

The MONTHLY INDEX OF RUSSIAN ACCESSIONS is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402

Single copy prices vary; subscription price, \$14.00 a year domestic, \$5.00 a year additional for foreign mailing.

L. C. card, 48-46562

*Volumes 1-10 (No. 9), 1948-1957, issued under title *Monthly List of Russian Accessions*.

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

| | | | |
|---------|--|--------|--|
| AAP | Auburn University, Auburn, Ala. | CaOTR | Royal Canadian Institute, Toronto, Canada. |
| AMAU | Air University Library, Maxwell Air Force Base, Montgomery, Ala. | CaOTU | (Collection included with CaOTU) |
| AU | University of Alabama, University | CaQMAI | University of Toronto, Toronto, Canada |
| AzTeS | Arizona State College, Tempe | CaQMBM | Arctic Institute of North America, Montreal, Canada |
| AzU | University of Arizona, Tucson | CaQMBM | Bibliothèque de la Ville de Montréal, Collection Gagnon, Montreal, Canada |
| C | California State Library, Sacramento | CaQMM | McGill University, Montreal, Canada |
| CCC | Honnold Library, Claremont, Calif. | CaQMU | La Bibliothèque de l'Université de Montréal, Montreal, Canada |
| CFS | Fresno State College, Fresno, Calif. | CaSSU | University of Saskatchewan, Saskatoon, Canada |
| CL | Los Angeles Public Library | CoBBS | U. S. National Bureau of Standards, Boulder Laboratories, Colorado |
| CLCM | Los Angeles County Museum Library, Los Angeles | CoD | Denver Public Library |
| CLL | Los Angeles County Law Library, Los Angeles | CoDM | Medical Society of the City and County of Denver |
| CLM | Los Angeles County Medical Association, Los Angeles | CoFS | Colorado State University, Fort Collins |
| CLSU | University of Southern California, Los Angeles | CoU | University of Colorado, Boulder |
| CLSU-H | — Hancock Library of Biology | CtHT | Trinity College, Hartford, Conn. |
| CLU | University of California at Los Angeles | CtU | University of Connecticut, Storrs |
| CMthL | University of California, Lick Observatory, Mount Hamilton | CtW | Wesleyan University, Middletown, Conn. |
| CPT | California Institute of Technology, Pasadena | CtY | Yale University, New Haven |
| CSf | San Francisco Public Library | CtY-L | — Law Library |
| CSfA | California Academy of Sciences, San Francisco | CtY-M | — Medical School Library |
| CSIU | University of San Francisco, San Francisco | DAIA | American Institute of Architects Library, Washington, D. C. |
| CSmH | Henry E. Huntington Library, San Marino, Calif. | DAL | U. S. Army Library, Pentagon Building |
| CSi | Stanford University Libraries, Stanford, Calif. | DBC | U. S. Bureau of the Census Library |
| CSi-H | — The Hoover Institution on War, Revolution, and Peace | DBS | U. S. National Bureau of Standards Library |
| CSi-L | — Lane Medical Library | DC | U. S. Department of Commerce Library |
| CSibS | University of California, Santa Barbara Library, Goleta | DCU | Catholic University of America Library, Washington, D. C. |
| CSimoR | Rand Corporation, Santa Monica, Calif. | DDC | Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C. |
| CU | University of California, Berkeley | DDO | Dumbarton Oaks Research Library of Harvard University, Washington, D. C. |
| CU-A | — University of California, Davis | DFR | Board of Governors of the Federal Reserve System |
| CU-B | — Bancroft Library, Berkeley | DI | U. S. Department of the Interior Library |
| CU-E | — East Asiatic Library, Berkeley | DI-GS | — Geological Survey Library |
| CU-M | — Medical Center, San Francisco | DM | U. S. Bureau of Mines Library. (Library integrated with DI) |
| CU-Riv | — College of Arts, Letters and Science, Riverside | DN | U. S. Department of the Navy Library. |
| CU-S | — Scripps Institution of Oceanography, La Jolla | DN-HO | — Naval Oceanographic Office Library |
| CaAEU | University of Alberta, Edmonton, Canada | DN-Ob | — Naval Observatory Library |
| CaBVa | Vancouver Public Library, Vancouver, Canada | DN-RL | Naval Research Laboratory Library, Anacostia Station, Washington, D. C. |
| CaBVaU | University of British Columbia, Vancouver, Canada | DNAL | National Agricultural Library |
| CaBViPA | Provincial Archives, Victoria, Canada | DNIII | National Institutes of Health Library, Bethesda, Md. |
| CaMWM | Medical Library of the University of Manitoba, Winnipeg, Canada | DNLM | U. S. National Library of Medicine |
| CaNBFU | University of New Brunswick, Fredericton, Canada | DNW | U. S. National War College Library, Fort McNair |
| CaOKQ | Queen's University, Kingston, Canada | DP | U. S. Patent Office Library |
| CaOL | London Public Library, London, Canada | DS | U. S. Department of State Library |
| CaOLU | University of Western Ontario, London, Canada | DSC | Scottish Rite Supreme Council Library |
| CaOOA | Public Archives Library, Ottawa, Canada | DSI | Smithsonian Institution Library, Washington, D. C. |
| CaOOAg | Department of Agriculture, Main Library, Ottawa, Canada | DSI-AO | — Astrophysical Laboratory Library |
| CaOOCC | Carleton College, Ottawa, Canada | DSI-E | — Bureau of American Ethnology Library |
| CaOOF | Department of Finance Library, Ottawa, Canada | DSI-M | — National Museum Library |
| CaOOG | Geological Survey of Canada, Ottawa, Canada | DWB | U. S. Weather Bureau Library |
| CaOOGB | Geographical Branch, Department of Mines and Technical Surveys, Ottawa, Canada | DeU | University of Delaware, Newark |
| CaOOH | Laboratory of Hygiene, Ottawa, Canada | FMU | University of Miami, Coral Gables, Fla. |
| CaOOM | Bureau of Mines Library, Ottawa, Canada | FTaSU | Florida State University, Tallahassee |
| CaOON | National Research Council, Ottawa, Canada | FU | University of Florida, Gainesville |
| CaOONDR | Library, Directorate of Scientific Information Service, Defence Research Board, Ottawa, Canada | GAT | Georgia Institute of Technology, Atlanta |
| CaOONM | National Museum, Ottawa, Canada | GEU | Emory University, Atlanta |
| CaOOS | Dominion Bureau of Statistics, Ottawa, Canada | GU | University of Georgia, Athens |
| CaOOU | University of Ottawa, Ottawa, Canada | HU | University of Hawaii, Honolulu |
| CaOTM | Library, Meteorological Branch, Air Services, Dept. of Transport, Toronto, Canada | I | Illinois State Library, Springfield |
| | | IArg | Argonne National Laboratory, Argonne, Ill. |
| | | IC | Chicago Public Library |
| | | ICA | Art Institute of Chicago, Chicago |

| | | | |
|--------|---|---------|--|
| ICAC | American College of Surgeons Library, Chicago | MMeT | Tufts University, Medford, Mass. |
| ICF | Chicago Natural History Museum, Chicago | MNS | Smith College, Northampton, Mass. |
| ICJ | John Crerar Library, Chicago | MshM | Mount Holyoke College, South Hadley, Mass. |
| ICN | Newberry Library, Chicago | MWalB | Brandeis University, Waltham, Mass. |
| ICRL | Center for Research Library, Chicago. Midwest Interlibrary Center | MWelC | Wellesley College, Wellesley, Mass. |
| ICU | University of Chicago, Chicago | MWhB | Marine Biological Laboratory, Woods Hole, Mass. |
| ICU-Y | Yerkes Observatory, Williams Bay, Wis. | MdAN | U. S. Naval Academy, Annapolis |
| ICarBS | Southern Illinois University, Carbondale | MdBJ | Johns Hopkins University, Baltimore |
| IEN | Northwestern University, Evanston, Ill. | MdBJ-W | — William H. Welch Medical Library |
| IEN-C | — Joseph Schaffner Library of Commerce, Chicago | MdBWA | Walters Art Gallery, Baltimore |
| IEN-M | — Medical School Library, Chicago | MdU | University of Maryland, College Park |
| IHi | Illinois State Historical Library, Springfield | MeB | Bowdoin College, Brunswick, Maine |
| IU | University of Illinois, Urbana | MeWC | Colby College, Waterville, Maine |
| IaAS | Iowa State University of Science and Technology, Ames | MiD | Detroit Public Library |
| IaU | State University of Iowa, Iowa City | MiDA | Detroit Institute of Arts |
| IaU-L | — College of Law Library | MiDW | Wayne State University, Detroit |
| IdNTS | National Reactor Testing Station, Technical Library, Phillips Petroleum Company, Idaho Falls, Idaho | MiEM | Michigan State University, East Lansing |
| IdU | University of Idaho, Moscow | MiMidD | Dow Chemical Company, Midland, Mich. |
| In | Indiana State Library, Indianapolis | MiU | University of Michigan, Ann Arbor |
| InIA | Indiana Academy of Science Library, Indianapolis | MiU-C | — William L. Clements Library |
| InLP | Purdue University, Lafayette, Ind. | MiU-L | — Law Library |
| InND | University of Notre Dame, Notre Dame, Ind. | MnSJ | James Jerome Hill Reference Library, St. Paul |
| InU | Indiana University, Bloomington | MnU | University of Minnesota, Minneapolis |
| KAS | St. Benedict's College, Atchison, Kan. | MnU-A | — Department of Agriculture Library, St. Paul |
| KMK | Kansas State University, Manhattan | MnU-B | — Bio-Medical Library |
| KU | University of Kansas, Lawrence | MnU-L | — Law Library |
| KU-L | — School of Law Library | MoFC | Central College, Fayette, Mo. |
| KU-M | — Medical Center Library, Kansas City | MoKL | Linda Hall Library, Kansas City |
| KyU | University of Kentucky, Lexington | MoRM | University of Missouri School of Mines and Metallurgy, Rolla |
| LNHT | Howard-Tilton Memorial Library of Tulane University, New Orleans, La. | MoS | St. Louis Public Library |
| LU | Louisiana State University, Baton Rouge | MoSB | Missouri Botanical Garden, St. Louis |
| MA | Amherst College, Amherst, Mass. | MoSU | St. Louis University, St. Louis |
| MB | Boston Public Library | MoSW | Washington University, St. Louis |
| MBA | American Academy of the Arts and Sciences, Boston | MoU | University of Missouri, Columbia |
| MBAt | Boston Athenaeum, Boston | MsSM | Mississippi State University, State College |
| MBM | Boston Medical Library, Boston | MsU | University of Mississippi, Oxford |
| MBN | Boston Society of Natural History, Boston | MtBC | Montana State College, Bozeman |
| MBU | Boston University | MtU | Montana State University, Missoula |
| MBdAF | U. S. Air Force Cambridge Research Center, Bedford, Mass. | N | New York State Library, Albany |
| MCM | Massachusetts Institute of Technology, Cambridge, Mass. | NAurW | Wells College, Aurora, New York |
| MH | Harvard University, Cambridge, Mass. | NB | Brooklyn Public Library |
| MH-A | — Arnold Arboretum, Jamaica Plain | NBB | Brooklyn Museum Libraries, Brooklyn |
| MH-AH | — Andover-Harvard Theological Seminary Library | NBC | Brooklyn College, Brooklyn |
| MH-BH | — Blue Hill Meteorological Observatory, Milton, Mass. | NBG | Brooklyn Botanic Garden, Brooklyn |
| MH-BL | — Biological Laboratories Library | NBM | Academy of Medicine of Brooklyn Library, Brooklyn |
| MH-C | — Chemistry Library | NBSU-M | State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn |
| MH-F | — Farlow Reference Library | NBuB | Buffalo Society of Natural Sciences, Buffalo |
| MH-FA | — Fogg Art Museum Library | NBuU | University of Buffalo, Buffalo |
| MH-G | — Gary Herbarium Library | NCH | Hamilton College, Clinton, N. Y. |
| MH-GM | — Gordon McKay Library | NCornic | Corning Glass Works Library, Corning, N. Y. |
| MH-HY | — Harvard-Yenching Institute (Chinese-Japanese Library) | NCsC | Carnegie Institution, Department of Genetics, Cold Spring Harbor, N. Y. |
| MH-L | — Law School Library | NIC | Cornell University, Ithaca, N. Y. |
| MH-M | — Schools of Medicine, Public Health and Dental Medicine, Boston | NIC-A | — State Colleges of Agriculture and Home Economics |
| MH-Mi | — Mineralogical Library | NN | New York Public Library |
| MH-O | — Astronomical Observatory, the Phillips Library | NNA | American Geographical Society, New York |
| MH-P | — Peabody Museum Library | NNBG | New York Botanical Garden, Bronx Park, New York |
| MH-PR | — Physics Research Library | NNC | Columbia University, New York |
| MH-SD | — Graduate School of Design Library | NNC-L | — Law Library |
| MH-Z | — Museum of Comparative Zoology Library | NNC-M | — Medical Library |
| | | NNC-T | — Teachers College Library |
| | | NNCC | Chemists' Club, New York |
| | | NNCoCi | College of the City of New York, New York |
| | | NNCorM | Cornell University Medical College Library, New York |
| | | NNE | Engineering Societies Library, New York |
| | | NNF | Fordham University, New York |

| | | | |
|---------|---|---------|---|
| NNIS | Library for Intercultural Studies, New York | OKS | Oklahoma State University, Stillwater |
| NNJ | Jewish Theological Seminary of America, New York | OKU | University of Oklahoma, Norman |
| NNM | American Museum of Natural History, New York | OrCS | Oregon State University, Corvallis |
| NNMM | Metropolitan Museum of Art Library, New York | OrPR | Reed College, Portland, Ore. |
| NNNAM | New York Academy of Medicine, New York | OrU | University of Oregon, Eugene |
| NNPH-O | Institute of Ophthalmology, Presbyterian Hospital, New York | P | Pennsylvania State Library, Harrisburg |
| NNR | Russell Sage Foundation, College of the City of New York | PBL | Lehigh University, Bethlehem, Pa. |
| NNRI | Rockefeller Institute for Medical Research, New York | PBm | Bryn Mawr College, Bryn Mawr, Pa. |
| NUU | New York University Libraries, New York | PHC | Haverford College, Haverford, Pa. |
| NUU-H | — University Heights Library | PLF | Franklin and Marshall College, Lancaster, Pa. |
| NUU-W | — Washington Square Library | PP | Free Library of Philadelphia |
| NNUN | United Nations Library, New York | PPAN | Academy of Natural Sciences, Philadelphia |
| NPV | Vassar College, Poughkeepsie, N. Y. | PPAmP | American Philosophical Society, Philadelphia |
| NRE | Eastman Kodak Company, Rochester, N. Y. | PPBC | Philadelphia Bibliographical Center and Union Library Catalogue |
| NRU | University of Rochester, Rochester, N. Y. | PPC | College of Physicians of Philadelphia |
| NSyU | Syracuse University, Syracuse, N. Y. | PPDrop | Dropsie College for Hebrew and Cognate Learning, Philadelphia |
| NUpB | U. S. Brookhaven National Laboratory, Upton, N. Y. | PPF | Franklin Institute, Philadelphia |
| NYBT | Boyce Thompson Institute for Plant Research, Yonkers, N. Y. | PPPM | Philadelphia Museum of Art |
| NYH | International Business Machines Corporation, Thomas J. Watson Research Center, Yorktown Heights, New York | PPT | Temple University, Philadelphia |
| NbU | University of Nebraska, Lincoln | PPUC | Union Library Catalogue of the Philadelphia Metropolitan Area, Philadelphia |
| NcD | Duke University, Durham, N. C. | PPWI | Wistar Institute of Anatomy and Biology, Philadelphia |
| NcGW | Woman's College of the University of North Carolina, Greensboro | PPi | Carnegie Library of Pittsburgh, Pittsburgh |
| NcRS | North Carolina State College of Agriculture and Engineering, Raleigh | PPiCI | Carnegie Institute of Technology, Pittsburgh |
| NcU | University of North Carolina, Chapel Hill | PPiU | University of Pittsburgh, Pittsburgh |
| NcU-II | — Division of Health Affairs. (North Carolina Memorial Hospital) | PRosC | Rosemont College, Rosemont, Pa. |
| NdU | University of North Dakota, Grand Forks | PSC | Swarthmore College, Swarthmore, Pa. |
| Nh | New Hampshire State Library, Concord | PSt | Pennsylvania State University, University Park |
| NhD | Dartmouth College, Hanover, N. H. | PU | University of Pennsylvania, Philadelphia |
| NJI | Irvington Free Public Library, Irvington, N. J. | PU-BZ | — Botany-Zoology Library |
| NjMuA | Air Reduction Company, Inc., Central Research Department Library, Murray Hill | PU-El | — Moore School of Electrical Engineering Library |
| NjMuB | Bell Telephone Laboratories, Murray Hill, N. J. | PU-FA | — School of Fine Arts Library |
| NjN | Newark Public Library, Newark, N. J. | PU-Math | — Mathematics-Physics Library |
| NjP | Princeton University, Princeton, N. J. | PU-Mu | — University Museum Library |
| NjPT | Princeton Theological Seminary, Princeton, N. J. | PU-Penn | — Penniman Library of Education |
| NjR | Rutgers University, New Brunswick, N. J. | PU-Se | — Towne Scientific School Library |
| NmUpU | New Mexico State University of Agriculture, Engineering and Science, University Park | RPB | Brown University, Providence, R. I. |
| NvU | University of Nevada, Reno | RU | University of Rhode Island, Kingston |
| O | Ohio State Library, Columbus | TCU | University of Chattanooga, Chattanooga, Tenn. |
| OCH | Hebrew Union College, Cincinnati | TNJ | Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn. |
| OCLloyd | Lloyd Library and Museum, Cincinnati | TONS | Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn. |
| OCU | University of Cincinnati, Cincinnati | TU | University of Tennessee, Knoxville |
| OCI | Cleveland Public Library | TxCM | Agricultural and Mechanical College of Texas, College Station |
| OCIBHS | Benedictine High School, Cleveland | TxDaM | Southern Methodist University, Dallas |
| OCICS | Case Institute of Technology, Cleveland | TxHR | Rice Institute, Houston |
| OCIJC | John Carroll University, Cleveland | TxLT | Texas Technological College, Lubbock |
| OCIM | Cleveland Medical Library | TxU | University of Texas, Austin |
| OCIMA | Cleveland Museum of Art | ULA | Utah State University of Agriculture and Applied Science, Logan |
| OCIW | Western Reserve University, Cleveland | UPB | Brigham Young University, Provo, Utah |
| OCob | Battelle Memorial Institute, Columbus | VIBibV | Virginia Polytechnic Institute, Blacksburg |
| ODW | Ohio Wesleyan University, Delaware, Ohio | VIU | University of Virginia, Charlottesville |
| OHi | Ohio State Historical Society, Columbus | VIU-L | — Law Library |
| OO | Oberlin College, Oberlin, Ohio | VIW | College of William and Mary, Williamsburg |
| OOxM | Miami University, Oxford, Ohio | ViMiM | Middlebury College, Middlebury, Vt. |
| Oste | Carnegie Library, Steubenville, Ohio | VtU | University of Vermont and State Agricultural College, Burlington |
| OU | Ohio State University, Columbus | WAP | Institute of Paper Chemistry, Appleton |
| OUCA | Chemical Abstracts, Ohio State University, Columbus | WHI | State Historical Society of Wisconsin, Madison |
| | | WU | University of Wisconsin, Madison |
| | | WaU | University of Washington, Seattle |
| | | WvU | West Virginia University, Morgantown |
| | | WyU | Wyoming University, Laramie |

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—PROCESSING DEPARTMENT

VOLUME 18, NO. 10

JANUARY 1966

TABLE OF CONTENTS

Part A—Monographic Works

| | Page |
|---|------|
| 1. General..... | 3797 |
| 2. Bibliography..... | 3797 |
| 3. Philosophy & Religion..... | 3797 |
| 4. History..... | 3797 |
| 5. Social Sciences..... | 3799 |
| 6. Political Science..... | 3802 |
| 7. Law..... | 3802 |
| 8. Education..... | 3803 |
| 9. Music, Theater & Motion Pictures..... | 3804 |
| 10. Fine Arts..... | 3804 |
| 11. Language, Literature & Folklore | 3804 |
| 12. Geography & Geology..... | 3810 |
| 13. Science..... | 3811 |
| 14. Medicine..... | 3813 |
| 15. Agriculture..... | 3814 |
| 16. Technology..... | 3815 |
| 17. Military & Naval Sciences..... | 3821 |

Part B—Periodicals

| | |
|-------------------------------------|------|
| 1. General | |
| a. Scholarly journals..... | 3822 |
| b. Popular magazines..... | 3825 |
| 2. Bibliography | |
| a. Bibliography..... | 3826 |
| b. Libraries & library science..... | 3826 |
| c. Printing & the book trade..... | 3826 |
| 3. Philosophy & Religion | |
| a. Philosophy..... | 3827 |
| b. Religion..... | 3827 |
| 4. History | |
| a. General..... | 3827 |
| b. Archaeology & antiquities..... | |
| 5. Social Sciences | |
| a. Commerce..... | 3829 |
| b. Economics..... | 3830 |
| c. Finance..... | 3832 |
| d. Labor..... | 3832 |
| e. Sociology..... | 3833 |
| 6. Political Science..... | 3833 |
| 7. Law..... | 3836 |
| 8. Education | |
| a. General..... | 3837 |
| b. Physical education & games..... | 3839 |

| | Page |
|---|-------------|
| 9. Music, Theater & Motion Pictures | |
| <i>a.</i> Motion pictures..... | 3840 |
| <i>b.</i> Music..... | 3840 |
| <i>c.</i> Theater..... | 3840 |
| 10. Fine Arts | |
| <i>a.</i> General..... | 3841 |
| <i>b.</i> Architecture..... | 3841 |
| 11. Language, Literature & Folklore | |
| <i>a.</i> Language..... | 3842 |
| <i>b.</i> Literature & folklore..... | 3842 |
| 12. Geography & Geology | |
| <i>a.</i> Ethnology..... | 3843 |
| <i>b.</i> Geography..... | 3844 |
| <i>c.</i> Geology & paleontology..... | 3846 |
| 13. Science | |
| <i>a.</i> General..... | 3846 |
| <i>b.</i> Astronomy..... | 3850 |
| <i>c.</i> Biology..... | 3852 |
| <i>d.</i> Chemistry..... | 3861 |
| <i>e.</i> Mathematics..... | 3867 |
| <i>f.</i> Physics..... | 3868 |
| 14. Medicine | |
| <i>a.</i> General..... | 3872 |
| <i>b.</i> Gynecology, obstetrics & pediatrics..... | 3878 |
| <i>c.</i> Neurology & psychiatry..... | 3879 |
| <i>d.</i> Ophthalmology & otorhinolaryngology..... | 3879 |
| <i>e.</i> Pathology & therapeutics..... | 3879 |
| <i>f.</i> Pharmacy & materia medica..... | 3881 |
| <i>g.</i> Public health & nursing..... | 3882 |
| <i>h.</i> Surgery & dentistry..... | 3883 |
| <i>i.</i> Venereology & dermatology..... | 3884 |
| 15. Agriculture | |
| <i>a.</i> General..... | 3884 |
| <i>b.</i> Animal industry..... | 3887 |
| <i>c.</i> Forestry..... | 3890 |
| <i>d.</i> Plant culture..... | 3890 |
| 16. Technology | |
| <i>a.</i> General..... | 3892 |
| <i>b.</i> Aeronautics..... | 3895 |
| <i>c.</i> Chemical technology..... | 3896 |
| <i>d.</i> Civil & construction engineering..... | 3900 |
| <i>e.</i> Electrical engineering..... | 3905 |
| <i>f.</i> Industries & trades..... | 3909 |
| <i>g.</i> Mechanical engineering..... | 3912 |
| <i>h.</i> Mining & metallurgy..... | 3919 |
| 17. Military & Naval Sciences | |
| <i>a.</i> Military science..... | 3926 |
| <i>b.</i> Naval science..... | 3926 |
| Part C—List of Periodicals Indexed and Abbreviations Used..... | 3928 |
| Subject Index to Monographs and Periodicals..... | 3935 |

Periodicals Available in English Translation Cover-to-Cover.

PART A—MONOGRAPHIC WORKS

1. GENERAL

[DESK CALENDAR FOR 1965] Nastol'nyi kalendar 1965. Moskva, Politizdat [1964] 206 p.

[ENCYCLOPEDIA DICTIONARY] Entsiklopedicheski slovar'. Glav. red. B. A. Vvedenskiy. [Novoe izd. Moskva] Sovetskaya Entsiklopediya [1963-1964] 2 v. litus., maps. (NIC)

MOSKOVSKOE GORODSKOE OBSHCHESTVO KOLLEKTSIONEROV. [Soviet collector] Sovetskii kolektsioner. Moskva, Sviaz'izdat, 1963. 175 p. (MH)

UKRAINS'KYI HOLOS. [Jubilee almanac for the occasion of the 50th anniversary of "Ukrains'kyi holos," 1910-1960] Iubileinyi almanakh dlia vichichenia 50-tilia pratsi "Ukrains'koho holosu," 1910-1960 Winnipeg, Tsyruh [1960] 288 p.

2. BIBLIOGRAPHY

AKADEMIA NAUK SSSR. [Bibliography of publications of the Academy of Sciences of the U.S.S.R., a year-book] Bibliografiia izdani, ezhegodnik. Leningrad, Vol. 8, Bellavskaya, O. P., and others, comps. [Publications for the year 1963] Izdaniia, vyshedshie iz pechaty v 1963 g. Pod red. S. P. Luppova, 1965. 985 p.

BEREZIN, B. I. [Typing self-taught] Samouchitel' mashinopisn. Izd. 2., ispr. i dop. Moskva, Izd-vo "Kniga," 1965. 157 p.

DERZAVNA ISTORYCHNA BIBLIOTEKA URSS. [Study of local lore in libraries; from work practices] Kralcznavstvo v bibliotetst; z dosvidu raboty. Kyiv, Politytydav Ukrainy, 1965. 39 p. (Na dopomohu bibliotekarev)

GREKHOVODOV, N. N. [Problems in the organization of the book trade] Voprosy organizatsii knizhnoi torgovli. Alma-Ata, Izd-vo "Kazakhstan," 1965. 117 p.

MOSCOW. NAUCHNO-ISLEDOVATELSKII INSTITUT INFORMATSII PO MASHINOSTROENIU. [Present-day trends in the development of typesetting] Sovremennye napravleniia razvitiia nabornoj tekhniki. Moskva, Pt. 1. [Survey of foreign machines] Obzor zarubezhnoi tekhniki. 1965. 43 p. (Poligraficheskaya tekhnika, no. 20)

MOSCOW. PUBLICHNAIA BIBLIOTEKA [Library and bibliographic classification, tables for scientific libraries] Bibliotечно-bibliograficheskaya klassifikatsiia; tablitsy dlia nauchnykh bibliotek. Moskva, No 18. [TS Military science. Military affairs] TS Voennaia nauka. Voennoe delo. 1963. 322 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Otdel obsluzhivaniia. [Open-shelf policy in scholarly libraries; materials of the conference on the organization of open-shelf practice in scholarly libraries of the U.S.S.R., Moscow, November 18-23, 1963] Otkrytyi dstup k knizhnym fondam v nauchnykh bibliotekakh; materialy nauchno-prakticheskoi konferentsii po organizatsii ot-krytogo dstopa v nauchnykh bibliotekakh SSSR, Moskva, 19-23 noabrya 1963 goda. Moskva, 1964 204 p. (NNC)

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Price list for the installation of equipment] Tsennik na montazh oborudovaniia. Moskva, Stroizdat. No. 27. [Equipment for printing industry enterprises] Oborudovanie predpriatii poligraficheskoi promyshlennosti. 1965. 23 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Printing types, based on Russian and Latin graphic principles, their classification, indexing, and assortment] Shriity tipografskie na russkoi i latinskoi graficheskikh osnovakh; klassifikatsiia, indeksatsiia, assortiment (GOST 3489-57). Izd. ofitsial'noe. Moskva, 1958. 34 p.

SOKOLYSHYN, OLEKSANDER. [On the 300th anniversary of the publishing of the Books of the Apostles and the Primacy of Ivan Fedorov in Lvov] U 300-ilethia polavy Apostola i bukvaria Ivana Fedorovycha u L'vovi. New York, Shevchenko Scientific Society, 1964 8 p. (Naukove tovarystvo im Shevchenka Papers Dopovid, no. 22) (MIU)

3. PHILOSOPHY & RELIGION

AMOSOV, N. M. [Modeling of thinking and the mind] Modelirovaniye myshlennia i psikhiki. Kiev, Naukova dumka, 1965 302 p.

ASMUS, V. F. [History of ancient philosophy] Istoriia antichnoi filosofii. Moskva, Vysshaya shkola, 1965. 319 p.

BEGIASHVILI, A. F. [Present-day English linguistic philosophy, a critical essay] Sovremennaya angliiskaya lingvisticheskaya filosofiya, kriticheski ocherk. Tbilisi, Metsnereba, 1965. 109 p.

BELIAVSKII, A. V. [Good name and a bad tongue] Dobroe imia i zloilazyk. Moskva, Sovetskaya Rossiia, 1965. 109 p.

BELOV, A. V. [Nativity of Christ] Rozhdestvo Khristovo. Moskva, Politizdat, 1965. 78 p. (Besedy s veruiashchimi)

CHRELASHVILI, N. V. [Psychological nature of the origin of speech in ontogeny. Psikhologicheskaya priroda vozniknoveniia rechi v ontogeneze. Tbilisi, Metsnereba] 1965. 183 p. [In Georgian]

FRANK, S. L. [The soul of man, an introduction to philosophical psychology] Dusha cheloveka, opyt vvedeniia v filosofskuiu psikhologiu. Izd. 2. [Paris] YMCA-Press [1961] 328 p. (KU)

GUBANOV, N. I. [Let us contemplate the dwellers in heaven] Prismoitreniia k nebozhiteliam. [Moskva] Moskovskii rabochii, 1965. 63 p. (Besedy o religii)

KOL'TSOV, N. V. [Who are the Pentecostalists; answers to questions] Kto takie platiidesiatniki; otvety na voprosy. Moskva, Izd-vo "Znanie," 1965 43 p. (V pomoshch' lektoru)

KOVALEV, A. G. [Psychology of personality] Psikhologiya lichnosti. 2. Izd., ispr. i dop. Moskva, Prosveshchenie, 1965. 287 p.

[METROPOLITAN VLADIMIR; prelate and intercessor, 1873-1959] Mitropolit Vladimir; sviatitel'-molitvennik 1873-1959. Paris [Centre Culturel. Cathedrale Orthodoxe] 1965. 261 p.

NAHAI, S. [Faith, the church, and the people] Vira, tserkva i narid, Augsburg, 1963. 27 p. (U)

OLZHERMAN, T. I. [The problem of alienation and the bourgeois legend about Marxism] Problema otchuzhdeniia i burzhuanzskaya legenda o marksizme. Moskva, Znanie, 1965. 77 p. (Novoe v zhizni, nauke, tekhnike. II Seria: Filosofiya, nos. 19/20)

[PROBLEMS IN MARXIST-LENINIST PHILOSOPHY; articles by Hungarian authors. Translated from the Hungarian] Problemy marksistsko-leninskoi filosofii; stat'i vengerskikh avtorov. Moskva, Progress, 1965. 443 p.

[PROBLEMS OF THE LOGIC OF SCIENTIFIC KNOWLEDGE. Participants in the discussion A. A. Subbotin and others] Problemy logiki nauchnogo poznaniia. V besede uchastvuiut A. A. Subbotin i dr. Moskva, Znanie, 1965. 31 p. (Novoe v zhizni, nauke, tekhnike. II Seria: Filosofiya, no. 22)

[PSYCHOLOGY DETHRONES THE "IMMORTAL SOUL"] Psikhologiya razvenchivaiet "bessmertnuiu dushu", sbornik statei. Moskva, Znanie, 1965. 47 p. (Novoe v zhizni, nauke, tekhnike. XII Seria: Estestvoznamenie i religiya, no. 11)

ROMANENKO, V. T. [The truth of life, collection of articles on aesthetics] Pravda zhytiia, zbivnyk statei z estetyky. Kyiv, Dnipro, 1964. 198 p. (NN)

SHENGELITA, R. P. [Antiscientific and reactionary nature of Christian religious survivals. Antinauchnyi i reaktsionnyi kharakter khristiansko-religioznykh perezhitkov. Tbilisi, Metsnereba] 1965. 40 p. [In Georgian]

SHESTOV, LEV. [Speculation and revelation. Religious philosophy of Vladimir Solov'ev and other articles] Umoznenie i otkrovenie. Religioznaya filosofiya Vladimira Solov'eva i drugie stat'i. Paris, YMCA-Press [1965] 343 p. (NIC)

SLOBODSKOI, SERAFIM'. [Brief collection of articles on apologetics (aid for parents and educators), supplement to the manual on religious instruction by the same author] Kratki sbornik statei apologeticheskogo sodержaniia (v "pomoshch' roditeliam i vospitateliam"), prilozhenie k "uchebniku Zakona Bozhia logo zhe avtora. Nynck, N. Y., 1958. 95 p.

ZEN'KOVSKII, V. V. [Fundamentals of Christian philosophy] Osnovy khristianskoi filosofii. [Frankfurt am Main, Possev] Vol. 1 [Christian teaching about cognition] Khristianskoe uchenie o poznani. [c1960] 1 v. Vol. 2 [Christian teaching about the world] Khristianskoe uchenie o mire. [c1960] 1 v. (CLU)

4. HISTORY

AKADEMIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut istorii. [Glorious pages of struggle and victories; materials of the academic session dedicated to the 60th anniversary of the Second Congress of the Russian Social Democratic Party and the general strikes in Baku and in Southern Russia in the summer of 1903] Slavnye stranitsy borby i pobed, materialy nauchnoi sessii, posviashchennoi 60-letliu II s'ezda RSDRP i vseobshchikh zabastovok v Baku i na Iuge Rossii letom 1903 g., Baku, 17-20 sentabrya 1963 g. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 334 p.

AKADEMIA NAUK GRUZINSKOI SSR, Tiflis. Iugo-Osetinskii nauchno-isledovatel'skii institut, Sialmur. [Southern Ossetia in the period of the Great Patriotic War, 1941-1945, documents and materials] Iugo-Osetiia v period Velikoi Otechestvennoi voiny, 1941-1945 gg.; dokumenty i materialy. TSKhivati, Knizhnyi sektor Iugo-Osetinskogo izd-va, 1963 560 p. (CST-11)

AKADEMIA NAUK MOLDAVSKOI SSR, Kishinev. [From the history of the revolutionary movement and the building of socialism in Moldavia] Iz istorii revoliutsionnogo dvizheniia i sotsialisticheskogo stroitel'stva v Moldavii, sbornik statei. Kishinev, Karla moldoveniaska, 1963. 223 p. (MI)

AKADEMIA NAUK SSSR, Bashkirskaia filia, Ufa, Institut istorii, Iazyka i literatury. [Archaeology and ethnography of Bashkiria] Arkheologiya i etnografiia Bashkiri. Pod red. R. G. Kuzeva i K. V. Salnikova. Ufa. Vol. 1. 1962. 365 p.

- [ALEKSANDR CHAPAEV AND OTHERS] Aleksandr Chapayev i drugi. [Moskva, Politizdat, 1965] 270 p. (CSt-II)
- ARDIKUTSA, V. F. [Petrodvorets, a local history essay] Petrodvorets, istoriko-kraevedcheskii ocherk. [Leningrad] Lenizdat, 1965. 232 p. (Goroda Leningradskoi oblasti) (CSt-II)
- AZIZBEKOVA, P. A. [We are united in our home, our work, and our triumph] Edin nash dom, edin nash trud, edino nasho torzhestvo. Baku, Azerbaidzhan-skoe gos. izd-vo, 1965. 288 p.
- BABASHEV, SH. [Komsomol soldiers in Karakalpakia in the battles for the homeland] Voyny-komsomol'tsy Karakalpakii v bolakh za Rodinu. Nukus, Izd-vo "Karakalpakia," 1965. 80 p.
- BABENKO, P. M. [Iona Emmanuilovich Iaku, a sketch of his military activities] Iona Emmanuilovich IAKir, narys boiovoio shliakhu. Kyiv, Vyd-vo politychnoi lit-ry Ukrainy, 1964. 99 p. (CaOTU)
- BAKHTA, V. M. Aotearoa. Moskva, Mysl', 1965. 143 p. litus.
- BARTANOVA, A. A. [Establishment of the Buryat Autonomous Soviet Socialist Republic] Obrazovanie Buriatskoi Sotsialisticheskoi Respubliki. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1964. 132 p.
- BUDRYS, S. [Memorial to the victory in Kaliningrad] Pergales monumentas Kaliningrade. Vilnius, Vaga, 1965. 27 p. chiefly litus. [In Lithuanian]
——— [Memorial to the victory in Kaliningrad] Pamiatnik pobedy v Kaliningrade. 10 p. [In Russian]
- BURCHETT, WILFRED. [War in the jungles of South Vietnam, a reportage. Translated from the English] Voina v dzhunglakh Iuzhnogo V'etnama, reportazh. Moskva, Progress, 1965. 334 p. (DS)
- CHAPLIK, V. E. [The Novonikolayevsk Government party organization in the struggle for economic reconstruction and development, 1920-1925] Novonikolayevskaya gubernskaya partorganizatsiya v bor'be za vosstanovlenie i razvitiye narodnogo khoziaistva (1920-1925 gg.). Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1964. 97 p. (Iz istorii Novosibirskoi partii-i noi organizatsii)
- DEMCHENKO, M. I. [Sixth Guerrilla Unit] Shestoi povstancheskii. Moskva, Voenizdat, 1964. 253 p. (Voennoy memuary) (MH)
- DEMENT'EV, A. D. [Features of a great life; M. I. Kalinin in his home country] Shtrikhi bol'shoi zhizni; M. I. Kalinin v rodykh mestakh. [Moskva] Mosk. rabochii, 1965. 102 p.
- DZHURAEV, T. D. [Communist Party of Uzbekistan during the years of the Great Patriotic War] Kommunisticheskaya partiya Uzbekistana v gody Velikoi Otechestvennoi voyny. Tashkent, Uzbekistan, 1964. 273 p.
- FEDOROV, A. F. [The last winter, true story about partisans. As told to IE Shatrov] Ostannia zima, partizans'ka buval'shchyna. Literaturnyi zapys IE Shatrova. Kyiv, Dnipro, 1965. 330 p. (InU) (NN)
- [FIERY YEARS, youth during the years of the Great Patriotic War of the Soviet Union, 1941-1945. A collection of documents] Ognennyye gody, motodezh' v gody Velikoi Otechestvennoi voyny Sovetskogo Soyuza 1941-1945 godov. Sbornik dokumentov. [Moskva] Molodaya gvardiya, 1965. 525 p.
- [FLOURISH, SOVIET LATVIA!] TSveti, sovetakaya Latvija! Riga, Liesma, 1965. 351 p.
- [FOR THE SAKE OF LIFE ON EARTH; sketches about Saratov heroes] Radi zhizni na zemle; ocherki o gerolakh-saratovskikh. [Izd. 2., ispr.] S. Satov, Privolzhskoe knizhnoe izd-vo, 1965. 258 p.
- GARIBDZHANTAN, G. B. [V. M. Kasparov, a prominent member of the Communist Party] V. M. Kasparov - vidnyi delatel' Kommunisticheskoi partii. Erevan, Mirk, 1965. 84 p.
- [GIRLS WITH SHOULDER STRAPS] Devushki v pojonakh. Moskva, Voen. izd-vo M-va oborony SSSR, 1964. 198 p. (CU)
- GRABOR, P. M., and V. V. ANIKEEV. [On the trail of heroic deeds] Po sledam podvigor. Voronezh, Tsentral'no-Chernozemnoe knizhnoe izd-vo, 1965. 157 p.
- GUBANOV, P. P. [The Sveaborgians] Sveaborgiiny. [Leningrad] Lenizdat, 1965. 238 p.
- GULIAMOV, S. [The party in the struggle for the conversion of Tajikistan into the blossoming republic of the Soviet East] Partiya v bor'be za prevrascheniye Tadzhikistana v svetushchulu respubliku Sovetskogo Vostoka. [Dushanbe] Dushanbinskii pedin-t, 1964. 59 p. (CSt-II)
- HUTIAN'S'KYI, S. K. [V. I. Lenin and cultural building in the Ukraine] V. I. Lenin i kul'turne budivnytstvo na Ukraini. Kyiv, Naukova dumka, 1965. 196 p. (CSt-II)
- LAKOVLEV, B. N. [Triumph of the liberators] Pobeda osvoboditelei. Pechozavodsk, Katel'skoe knizhnoe izd-vo, 1964. 101 p. (CSt-II)
- IRKUTSK. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT INOSTRANNYKH IAZYKOV. Kafedra marksizma-leninizma. [Some aspects of the building of communism in Eastern Siberia] O nekotorykh voprosakh stroitel'stva sotsializma v Vostochnoi Sibiri. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1964. 223 p. (CSt-II)
- IVANOV, R. F. [Lenin on the United States of America] Lenin o Soedinyennykh Shtatakh Ameriki. Moskva, Nauka, 1965. 204 p.
- KAISENOV, KASYM. [Along the path of partisans, notes of a partisan. Translated from the Kazakh] Partizanskoi tropoi, zapiski partizana. Alma-Ata, Zhazushy, 1965. 430 p. (CSt-II)
- KAKHAROV, ABDULAKHAD. [Great plans and achievements] O velikikh planakh i sversheniyakh. Dushanbe, Ifon, 1961. 155 p. (CSt-II)
- KAPLANAS, O. [The Ninth Fort accuses. Translated from the Lithuanian] Devintyi fort obviniaet. [3. dop. izd.] Vilnius, Mintis, 1964. 58 p. litus.
- KARASEV, A. A., and I. A. KUZNETSOV. [V. I. Lenin's elaboration of the problems of the new economic policy] Razrabotka V. I. Leninykh voprosov novoi ekonomicheskoi politiki. Moskva, Znaniye, 1965. 45 p. (Novoe v zhizni, nauche, tekhnike. I Seriya Istoriia, no. 21)
- KARPOVA, R. F. [L. B. Krasin, Soviet diplomat] L. B. Krasin, sovetitskii diplomat. Moskva, Izd-vo sots.-ekon. lit-ry, 1962. 204 p. (NN)
- KAZIEV, M. A. Buniat Sardarov. Baku, Azerbaidzhan-skoe gos. izd-vo, 1964. 62 p.
- KHALFIN, N. A. [Incorporation of Central Asia into Russia, from the 1860's to the 1890's] Prisoedineniye Srednei Azii k Rossii (60-90-e gody XIX v.). Moskva, Nauka, 1965. 466 p.
- KORCHMARYK, F. B. [Kiev's spiritual and intellectual influences on Moscow in the era of the Ukrainian Hetman State] Dukhovni vplyvy Kyieva na Moskovshchynnu v dobu Hetmans'koi Ukrainy. New York, Vyd. Naukovym i-vom im. Shevchenka, 1964. 146 p. (Biblioteka ukrainoznavstva, no. 14) (NN)
- KRUGLOV, S. S. [Path illuminated by Lenin, reminiscences] Put', ozarenniy Lennym; vospominaniia. [Moskva] Moskovskii rabochii, 1965. 182 p.
- KUKLIN, A. I. A. K. F. Ryleev. [Leningrad] Lenizdat, 1965. 37 p. (Uzniki Petropavlovskoi kreposti)
- KUSHCHII, G. S. [Locomotive No 293] Parovoz No 293. [Leningrad] Lenizdat, 1965. 66 p.
- KUTINA, M. M. [From the history of the national liberation movement in India in the 19th century. Formation of the Indian National Congress Party] Iz istorii natsional'no-osvoboditel'nogo dvizheniia v Indii v XIX v.; obrazovanie partii Inditskii natsional'noy kongress. Tashkent, Izd-vo "Nauka" UzSSR, 1963. 152 p.
- KUZNETSOV, I. P., comp. [Practical work on the history of the U.S.S.R., the 19th century] Prakticheskie po istorii SSSR; XIX vek. Moskva, Prosveshcheniye, 1964. 390 p. (CaOTU)
- LENINGRAD. UNIVI RSITET. [Historiography and the science of historical sources on the history of Asian countries; materials of the interuniversity conference of January 25-27, 1964] Istoriografiia i istochnikovedenie istorii stran Azii, materialy mezhvuzovskoi nauchnoi konferentsii 25-27 yanvria 1964 g. [Leningrad] Izd-vo Leningradskoi univ., 1965. (CSt-II)
- LIN'KOV, G. M. [War in the enemy rear] Voina v voynom tylu. Kyiv, Derzh. vyd-vo Ukrainy, 1963. 502 p. (NN)
- MANDRUGIN, A. A. [To the last breath] Do poslednego dykhanii. [Moskva] Mosk. rabochii, 1965. 141 p.
- MANUSEVICH, A. IA. [Polish internationalists in the struggle for the victory of the Soviet regime in Russia, February-October 1917] Pol'skie internatsionalisty v bor'be za pobedu Sovetskoi revoliutsii, fevral'-oktiabr' 1917 g. Moskva, Nauka, 1965. 411 p.
- MARIAGIN, G. A. [Postyshev] [Moskva] Molodaya zima, 1965. 301 p. (Zhizni zamечатel'nykh liudei. Seriya biografiia, no. 14(400))
- MEDVEDEV, D. I. [October Revolution in the middle Volga Valley] Oktjabr'skaya revoliutsiia v Srednei Povolzh'e. [Kul'yshchev] Kul'yshchevskoe knizhnoe izd-vo, 1964. 207 p. (CSt-II)
- MOSCOW. GOSUDARSTVENNAIA PUBLICHNAIA ISTORICHESKAIA BIBLIOTIKA. [Modern history, annotated bibliography for teachers of secondary schools] Novaya istoriia, annotirovannyi ukazatel' literatury dlia uchitel' srednei shkoly. Pod red. I. B. Galkina. Moskva, Kniga, 1965. 310 p.
- MOSKALENKO, A. N. [Ancient site of Titchikha, from the history of early Russian settlements in the Don Valley] Gorodische Titchikha; iz istorii drevnerusskikh poselenii na Dону, Vostoczh. Izd-vo Voronezhskogo univ., 1965. 308 p.
- NAGORNO-KARABAKHСКАIA AVTONOMNAIA OBLAST'. Gosudarstvennyi arkhiv. [Guide to the Province State Archives of the Nagorno-Karabakh Autonomous Province] Putevoditel' po Oblastnomu gosudarstvennomu arkhivu NKAO. Baku, 1963. 51 p. (MII)
- NIKITIN, P. E., [V. I. Lenin Museum] Muzei V. I. Lenina. [Leningrad] Lenizdat, 1965. 34 p. (Turistu o Leningrado)
- NUSUPBEKOV, AKAI, and KHAMID BERNOV. [Introduction of history and the historical truth] Tadqiqat-talia istorii i istoricheskaya pravda. Alma-Ata, Kazakhstan, 1964. 217 p.
- ODESSA. DERZHAVNYI ARKHEOLOGICHESKII MUZEI. [Brief information on the archaeological field explorations of the Odessa State Archaeological Museum in 1961] Kratkie soobshcheniia o polevykh arkheologicheskikh issledovaniakh Odesskogo gosudarstvennogo arkheologicheskogo muzeia 1961 goda. [Leningrad] Odesskoe knizhnoe izd-vo, 1963. 150 p.
- ORLOV, S. A. Milin Pavlov. [Gor'kii] Volgo-Viat'skoe knizhnoe izd-vo, 1964. 103 p. (Nizhegorodskoye revoliutsionery) (NIC)
- [OUTLINE HISTORY OF THE CRIMEA] Ocherki po istorii Kryma. Simferopol', Izd-vo "Krym."
Pl. 3. [The Crimea in the period of the building of socialism, 1921-1941] Krym v period sotsialisticheskogo stroitel'stva (1921-1941 gg.) 1961. 221 p.

OVEZOV, B. [Along Lenin's path, the fortieth anniversary of the Turkmen S.S.R. and the Communist Party of Turkmenistan] Po leninskomu puti, soizokletie Turkmenской SSR i Kommunisticheskoi partii Turkmenistana. Ashkhabad, Turkmenizdat, 1964 206 p (40 let TSSR)

[PARTISAN TRUE STORIES] Partizanskije byiti, Moskva, Politizdat, 1965 527 p

[PATRIOTISM OF THE WORKERS IN IRKUTSK PROVINCE DURING THE YEARS OF THE GREAT PATRIOTIC WAR, 1941-1945; a collection of documents and materials for the 20th anniversary of the great victory] Patriotizm trudiashehicheskoi Irkutskoi oblasti v gody Velikoi Otechestvennoi voyny (1941-1945 gg.), sbornik dokumentov i materialov k dvadtsatiletiiu velikoi pobedy. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1965 390 p

PODGORNYI, I. P. G. Kakhovskii, [Leningrad] Lentizdat, 1965. 35 p. (Uzniki Petropavlovskoi kreposti)

POTTER, ELMER BELMONT, and CHESTER WILLIAM NIMITZ, eds. [The great sea war, 1939-1945. Abridged translation from the English] Voina na more, 1939-1945. Moskva, Voenizdat, 1965. 452 p. maps, diagrams, plans. (CU)

PROKHVATILOV, I. A. A. S. Shapovalov. [Leningrad] Lentizdat, 1965. 35 p. (Uzniki Petropavlovskoi kreposti)

PYLYPCHUK, MARHARYTA. [How the past was fading, recollections] Jak hulylos' mynule, spohady Round Brook, N.J., 1958. 95 p (NbyU)

RUPITSKY, STEPAN. [Bibliography of sources on the history of the Ukrainian Sich Riflemen] Bibliografiia zhurnalov do istorii Ukrainykh Sichovykh Striltsiv. New York, Vydavnycha komisiia Biatsva USSR, 1963. 115 p.

RZAIEV, A. G. Miza Kazem-Bek. Baku, Azernesht, 1965. 146 p.

SARKISOV, N. K. [Struggle of the Baku proletariats during the first Russian revolution] Bor'ba bakinskogo proletariata v period pervoi ruskoii revoliutsii. Baku, Azernesht, 1965. 200 p.

SEMORIAGA, M. I. [Anti-Fascist national uprisings, studies] Antifashistskie narodnye vosstaniia, ocherki. Moskva, Nauka, 1965. 265 p. (Nauchno-populiarnaia serlia)

SHAPOVAL, I. M. [In search of treasures] V poshukakh skazhiv. Kyiv, Radians'kyl pys'mennyk, 1963. 290 p. (CNOTU)

SHIBAEVA, N. P. [Bolshevik Party in the period of reaction, 1907-1910] Partia bol'shevikov v period reaktsii (1907-1910 gg.). Moskva, Politizdat, 1965. 78 p. (Uchebno-metodicheskie posobia k izucheniiu istorii KPSS)

SHIPMAN, I. SH. [Phoenician navigators] Finkitskie morekhody. Moskva, Nauka, 1965. 81 p. (Po sledam ischeznuvshikh kul'tur Vostoka)

[SIBERIA DURING THE PERIOD OF THE BUILDING OF SOCIALISM AND TRANSITION TO COMMUNISM] Sibir' v period stroitel'stva sotsializma i perikhoda k kommunizmu. Novosibirsk, Red. izd. otdel Sibirskogo otd. na AN SSSR.

No. 2. [The cultural development in Siberia] Kul'turnoe stroitel'stvo v Sibiri. 1965 142 p. (Materialy po istorii Sibiri)

SMIRNOV, I. B. D. A. Bostuzhev-Marinskii. [Leningrad] Lentizdat, 1965. 37 p. (Uzniki Petropavlovskoi kreposti)

SONTSOV, DMYTROV. [From mysticism to politics] Vid mistyky do polityky. Toronto, Spilka vyzvolennia Ukrainy, 1957. 81 p. (CYU)

UKRAINSKO-ARMYANSKAIA NAUCHNAIA SESSIJA. 2d. Kiev and L'vov, 1962. [Historical contacts and friendship between the Ukrainian and Armenian peoples; collection of materials] Istoricheskie svyazi i družba ukrainskoi i armianskogo narodov, sbornik materialov. Kiev, Naukova dumka, 1965. 182 p. (NIC) (NeU)

VALUEV, P. A. [Diary] Dnevnik. Moskva, Izd-vo Akad. nauk SSSR, 1961. 2 v. (NN)

VARIAMOV, K. I. [Exposure by V. I. Lenin of the theory and tactics of "left-wing Communists," November 1917-1918] Razoblachenie V. I. Leninyim teorii i taktiki "levykh kommunistov," noiaabr' 1917-1918 g. Moskva, Mysl', 1964. 414 p. (NN)

VASIL'EV, A. S. P. Trubetskoi. [Leningrad] Lentizdat, 1965 34 p. (Uzniki Petropavlovskoi kreposti)

VASIN, I. N., and I. F. UGAROV. [The first attack] Pervyi shurm. [Moskva] Mosk. rabochii, 1965. 146 p.

VESHCHERZERSKII, G. A. [By the cold cliffs] U khladnykh skal. Moskva, Voenizdat, 1965. 147 p. (Voennye memuary)

VILNA. PARTIJOS ISTORIJOS INSTITUTAS. [A road of combat; the Lithuanian Division in the Great Fatherland War. Liberation of Soviet Lithuania] Kovu kelias, Lietuviaskoji divizija Didziamoji Tovyne kar. Tarybu Lietuvos laisvavimas. Vilnius, Vaga, 1965. 1 v. chiefty litas. [In Lithuanian]. 63 p. [In 5 languages]

VOSTRUKHOVA, T. P. [Struggle for the foundation of a Marxist party in Russia, the formation of the Russian Social Democratic Party, the origin of bolshevism, 1894-1904] Bor'ba za sozdanie marksistskoi partii v Rossii, obrazovanie ISDRP, vozniknovenie bol'shevizma (1894-1904 gg.). Moskva, Politizdat, 1965. 109 p. (Uchebno-metodicheskie posobia k izucheniiu istorii KPSS)

WARNIENSKA, MONIKA. [I am looking for Baltazar Kulavskii. Authorized translation from the Polish] Ischuku Baltazara Kulavskogo. Moskva, Politizdat, 1965. 161 p.

ZAKHAROV, N. E. [We grew up in the flame] Vyrosli my v plameni. Moskva, Voenizdat, 1964. 380 p. (MH)

ZINOV'EV, M. N. [Bolshevik Party in the Revolution of 1905-1907] Partia bol'shevikov v revoliutsii 1905-1907 godov. Moskva, Politizdat, 1965. 78 p. (Uchebno-metodicheskie posobia k izucheniiu istorii KPSS)

ZLATOPOL'SKII, Z., and K. L. LUBCHENKO. [Duty] Dolg. Riga, Izd-vo "Liesma," 1965. 86 p.

5. SOCIAL SCIENCES

ABRAMOV, A. I. [Planning production costs in the cotton industry] Planirovaniye sebestoimosti produktov khlopkovoi promyshlennosti. Moskva, Legkaya industrija, 1965. 82 p.

AGIBETOV, ASANZHAN. [Special features of hiring and dismissing the workers of consumers' cooperatives] Osobennosti priema i uvolnenia rabotnikov potrebitelskoi kooperatsii. Moskva, Ekonomika, 1965. 79 p

AKADEMIJA NAUK KAZAKHSTANSKOI SSR, Alma-Ata. Institut ekonomiki. [Problems of the present-day economy of Kazakhstan] Problemy sovremennoi ekonomiki Kazakhstana; sbornik statei. Alma-Ata, Nauka. No. 1. 1965. 247 p. (DBC)

AKADEMIJA NAUK MOLDAVSKOI SSR, Kishinev. Institut ekonomiki. [Problems of labor productivity and industrial efficiency; from experience in the work of industrial plants of the Lenin District of the city of Kishinev] Voprosy proizvoditel'nosti truda i effektivnosti proizvodstva; iz opyta raboty promyshlennykh predpriatii Leningoogo raiona gor. Kishineva, Kishinov, Kiriia moldovenaska, 1965. 92 p.

AKADEMIJA NAUK SSSR. Fundamental'naja biblioteka obshchestvennykh nauk. [Nationalization and the problems of nationalized branches in Great Britain in the postwar period; a bibliographical list of books and periodical articles for 1946-1963] Natsionalizatsia i problemy natsionalizirovannykh otselei v Velikobritanii v poslevoennyi period; bibliograficheski ukazatel' knig i zhurnal'nykh statei za 1946-1963 g.g. Moskva, 1964. 137 p.

AKADEMIJA NAUK SSSR, Institut narodov Azii. [State finance of the nonsocialist countries of Asia] Gosudarstvennye finansy nesotsialisticheskikh stran Azii. Moskva, Nauka, 1965. 373 p.

AKADEMIJA NAUK SSSR Komi filial, Syktyvkar. [Potentialities for reducing costs in the agriculture of the Komi A.S.S.R.] Rezervy sokrashchenia zatrat v sel'skom khoziaistve Komi ASSR. [By] V. P. Vasilenko i dr. Moskva, Nauka, 1965. 178 p.

AKADEMIJA NAUK SSSR Sibirskoe otdelenie. Institut ekonomiki i organizatsii promyshlennogo proizvodstva. [Problems of scientific labor organization in an industrial enterprise] Voprosy nauchnoi organizatsii truda na promyshlennom predpriatii. Pod obshch. red. P. F. Petrochenko. Moskva, Mysl', 1965. 237 p

ALEKSANDROV, A. M. [Finances of socialism] Finansy sotsializma. [Leningrad] Finansy, 1965. 251 p

AVROV, D. N. [S. M. Kirov Palace of Culture] Dvorets kultury imeni S. M. Kirova. [Leningrad] Lentizdat, 1965. 37 p. (Turistu o Leningrade)

BAGDASARIAN, A. M. [Toward a uniform level; equalizing the economic levels of the Union Republics of the U.S.S.R.] K odnomu urovniu; vyravniwanie urovnei ekonomiki soizuznykh respublik SSSR. Moskva, Znanie, 1965. 44 p. (Novoe v zhizni, nauke, tekhnike. III Seriya Ekonomika, no. 20)

BAIRAK, K. A., and A. S. SAMIGULLIN. [Let us increase the economic efficiency of oil-field development] Povyshim ekonomicheskuiu effektivnost' razrabotki neflianykh mestorozhdenii. Ufa, Bashkirskoe knizhnoe izd-vo, 1964. 86 p.

BALADUTS, L. N. [Concern of the factory and plant trade-union committee for the training and education of children] Zabota FZMK o vospitanii i obuchenii detei. [Moskva] Profizdat, 1965. 60 p. (Biblioteka profsoiuznogo aktivista, no. 13(100))

BARBASHIN, A. I., and L. F. LAITSKII. [Toward the true goal, practice of the Khov Collective Farm, Voronezh Province] K veroi tseli; opyt kollektiva im. Kirova Voronezhskoi obl. Moskva, Rossiiskhoizdat, 1965. 71 p. (Iz otkritushchikh - vperedovye)

BARMIN, V. V. [Analysis of the managerial operations of enterprises engaged in civic improvement] Analiz khoziaistvennoi deiatel'nosti predpriatii po blagoustroistvu gorodov. Moskva, Finansy, 1965. 63 p

BILEV, S. A. [Overcome the lagging of economically-weak collective farms] Predolet' otstavanie ekonomicheskii slabykh kolhozov. Simferopol', Izd-vo "Kym," 1964. 30 p. (Ekonomicheskii biblioteka truzhenika sela)

BOGOMOLOV, O. T., ed. [Economic efficiency of the international socialist division of labor; methodological problems] Ekonomicheskaja effektivnost' mezhduarodnogo sotsialisticheskogo razdelenia truda; voprosy metodologii. Moskva, Ekonomika, 1965. 298 p.

BREZHNEV, L. I. [Some measures for the further development of agriculture in the U.S.S.R.; report presented at the Plenum of the Central Committee of the CPSU March 24, 1965. Resolution of the Plenum of the Central Committee of the CPSU approved March 26, 1965] O nekotorykh merakh po dal'neishemu razvitiu sel'skogo khoziaistva SSSR, doklad na Plenumie TsK KPSS 24 marta 1965 goda. Postanovleniye Plenuma TsK KPSS, priniaioe 26 marta 1965 goda. Moskva, Izd-vo polit. lit-ry, 1965. 45 p. (CS-II)

CHERTKOV, B. A. [About time and yourself] O vremeni i o tebe. [Leningrad] Lentizdat, 1965. 241 p.

CHOTONOV, AITMYRZA. [National traditions of the peoples of Central Asia] O natsional'nykh traditsiiakh narodov Srednei Azii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1964. 71 p. (NNC)

[CHRESTOMATHY OF SOCIAL SCIENCES; for secondary schools and special educational institutions] Khrestomatiya po obshchestvenovedeniui; dlia srednikh shkol i srednikh spetsial'nykh uchebnykh zavedenii. Izd. 2. Moskva, Politizdat, 1965. 381 p.

CHUDAKOV, A. I. [Local trade-union committee of a commercial enterprise] Mestkom profsoiuzna torgovogo predpriatia. [Moskva] Profizdat, 1965. 77 p.

[COLLECTION OF REGULATIONS ON WAGES FOR WORKERS OF STATE AGRICULTURAL ENTERPRISES] Sbornik polozhenii po opiate truda rabotnikov gosudarstvennykh sel'skokhoziaistvennykh predpriatii. Moskva, Russel'khozizdat, 1965. 289 p.

DARAHAN, M. V. [Labor statistics in industry] Statistika pratsi v promyslovosti. Kyiv, Naukova dumka, 1965. 291 p.

DAVYDOV, I. M., and G. I. LEVINSKII. [Public participation in trade-union work on industrial safety] Obshchestvennoe nachala v rabote profsotuzov po okhrane truda. Nauka, Azericnskr, 1965. 79 p.

DIKHITAR, G. A. [Soviet trade during the period of socialism and the large-scale building of communism] Sovetskaya torgovlia v period sotsializma i razvernutoho stroitel'stva kommunizma. Moskva, Nauka, 1965. 401 p.

[ECONOMIC EFFICIENCY OF ADVANCED WORK METHODS IN AGRICULTURE] Ekonomicheskaya effektivnost' peredovogo opyta v sel'skom khoziaistve. Moskva, Ekonomika, 1965. 236 p.

[ECONOMICS, THE COMPASS OF INDUSTRY] Ekonomika - kompas proizvodstva. [Kostroma] Kostromskoe knizhnoe izd-vo, 1963. 142 p. (CSI-II)

EGANOV, G. L. [Government ownership in England and the U.S.A.] Gosudarstvennaya sobstvennost' v Anglii i SShA. Erevan, Izd-vo AN Armianskoi SSR, 1964. 202 p.

ESTONIAN S.S.R. Statistika Keskvallituse. [Soviet Estonia for 25 years, a statistical abstract] Sovetskaya Estoniya za 25 let, statisticheskiy sbornik. Tallinn, Eesti Raamat, 1965. 184 p. ——— Charis, I. v.

FATIUKHA, L. K. [Business accounting in the working area] Khoziaistvennyi raschet na rabochem meste. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1963. 34 p. (Biblioteka rabocheho-stanochnika)

FIL'CHENKO, N. V. [Orel Province on new thresholds] Orl'skaya oblast' na novykh rubezhakh. [Tula] Priokskoe knizhnoe izd-vo, 1965. 89 p.

[FOLLOWING THE CALL OF THE HEART] Po zovu serdtsa. Moskva, Izd-vo polit. lit-ry, 1963. 94 p. (Vremia i ljudi) (N.D.)

FOVYENKO, I. P., and T. V. STALEVA. [A city changes its face] Gorod meniaet oblik. Moskva, Stroizdat, 1965. 68 p.

GOLIKOVA, N. B. [Wage labor in the cities of the Volga Valley in the first quarter of the 18th century] Naemnyy trud v gorodakh Povolzh'ia v pervoi chetverti XVIII veka. [Moskva] Izd-vo Mosk. univ., 1965. 174 p.

GORBUNOVA, M. N. [Korea, Mongolia] Koreia, Mongolia. [By] D. N. Kostinskiy. Moskva, Geografiz, 1956. 28 p. (Strany Azii; geograficheskie spravy)

GOZULOV, A. I. [Economic statistics] Ekonomicheskaya statistika. 2, perer i dop. izd. Moskva, Finansy, 1965. 518 p.

GURIN, L. E. [Improving the organization of auxiliary operations in the machinery industry] Sovershenstvovanie organizatsii raboty vspomogatel'nykh sluzhb v mashinostroenii. Leningrad, 1965. 28 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya Ekonomika, organizatsiya i planirovaniye proizvodstva)

IAKOVLEV, V. G. [Social and economic formation] Obshchestvenno-ekonomicheskaya formatsiya. Alma-Ata, Kazakhskii gos. univ., 1963. 22 p. (CSI-II)

[IN THE NAME OF MAN] Vo imia cheloveka, sbornik. Simferopol', Krymizdat, 1963. 47 p. (CSI-II)

[INSURANCE AGENT'S MANUAL] Spravochnik strakhovogo agenta. Astaraki kolektiv pod rukovodstvom A. S. Golikova. [2, dop. i utochennoe izd.] Moskva, Finansy, 1965. 121 p.

IOTKOVSKII, A. A. [Economic problems of the automation of Soviet trade] Ekonomicheskie problemy avtomatizatsii sovetskoi torgovli. [Leningrad] Izd-vo Leningr. univ., 1965. 122 p.

KANDYMOV, ATAGEL'DY. [Eyes of the time] Glaza vremen. Ashkhabad, Turkmenizdat, 1965. 16 p.

KAPANADZE, I. F. [Some problems in the economics of manufacturing and using wall materials in the Georgian S.S.R.] Nekotorye voprosy ekonomiki proizvodstva i primeneniya stenovykh materialov v Gruzinskoi SSR. Tbilisi, Metsniera, 1965. 161 p.

KAPRANOV, I. A. [Friendship in operation, the economic and technical cooperation of the U.S.S.R. with foreign countries] Druzha v deistvii; ekonomicheskoe i tekhnicheskoe sotrudnichestvo SSSR s zaubezhnymi stranami. Moskva, Znanie, 1965. 39 p. (Novoe v zhizni, nauke, tekhnike. VII Seriya Mezhdanarodnaya, no. 22)

KARAMAN, M. M. [Reduce the cost of production] Snizhat' sebstoimost' produktov. Simferopol', Izd-vo "Kavkaz", 1964. 28 p. (Ekonomicheskaya biblioteka truzhenika sela)

KHANUKOV, E. D., ed. [Economics of railroad transportation] Ekonomika zheleznodorozhnogo transporta. Izd. 2, perer. i dop. [By] I. V. Belov i dr. Moskva, Transport, 1965. 359 p. map (Inset)

KIR'ANOVA, Z. V. [Accounting for materials using electronic machines] Uchet materialov na elektronnykh mashinakh. Moskva, Flumny, 1965. 131 p.

KLIMENKO, K. I. [Economic problems of technological progress in the machine industry of the U.S.S.R.] Ekonomicheskie problemy tekhnicheskogo progressa v mashinostroenii SSSR. Moskva, Nauka, 1965. 222 p.

KOMMUNISTICHESKAYA PARTIYA KIRGIZII. Tsentral'nyi Komitet. [Resolution of the 13th Congress of the Communist Party of Kirghizistan, according to the report of the Central Committee of December 28, 1963] Rezoliutsiya XIII s'ezda Kommunisticheskoi partii Kirgizii, po otchetnomu dokladu Tsentral'nogo Komiteta ot 28 dekabrja 1963 goda. Frunze, Kirgizskoe gos. izd-vo, 1964. 28 p. (NKC)

KONFERENTSIYA NA TEMU "PRIMENENIE ELEKTRONNO-VYCHISLITEL'NYKH MASHIN V NARODNOM KHOZIAISTVE," Gorkiy, 1962. [Translations on problems in the use of electronic computers in the national economy] Trudy po voprosam primeneniya elektronnykh vychislitel'nykh mashin v narodnom khoziaistve. Gorkiy, Gorkovskii inst. fiziko-tekhn. in-t, 1964. 217 p.

KOPTEV, M. M. [Status of the laboring classes in capitalist countries; a lecture] Polozhenie rabocheho klassa v kapitalisticheskikh stranakh. Lektzija. Moskva, Mysl', 1965. 78 p. (CSI-II)

KOSTIN, L. A. [Material encouragement of technological progress] Material'noe stimulirovaniye tekhnicheskogo progressa. Moskva, Znanie, 1965. 46 p. (Novoe v zhizni, nauke, tekhnike. III Seriya Ekonomika, no. 21)

KOVAL', P. D. [The summit of social progress, definitive features of progress during the communist socioeconomic formation. Supplemented transcript of a lecture delivered at the Institute of Philosophy of the Academy of Sciences of the Ukrainian S.S.R.] Vershyina suspi'noho progressu, vyznachal'ni rysy progressu v umovakh komunistychnoi formatsii. Dopovnena stenogramna lektzii, prochytanai v Instytutu filosofii AN URSR. Kyiv, 1964. 43 p. (Tovarystvo "Znannia" Ukrainiskoi RSR. Seriya I, no. 14)

KOZODOEV, I. I. [Conversion of science into a direct productive force of society] Prerashcheniye nauki v neposredstvennuyu proizvoditel'nuyu silu obshchestva. Dushanbe, Izd-vo "Irfon", 1965. 24 p.

KRIVOSHEI, L. A. [To make people more beautiful] Chto by ljudi byli krasivee. [Volgograd] Volgogradskoe knizhnoe izd-vo, 1963. 19 p.

KURYLEV, A. K., and F. I. IL'IASHENKO. [Toward complete social equality] K polnomu sotsial'nomu ravenstvu. Moskva, Znanie, 1965. 39 p. (Novoe v zhizni, nauke, tekhnike. II Seriya, Filosofiya, no. 21)

LEIBKIND, I. U., and R. P. SUVOROV. [Critical selection of design and planning decisions; a method of network scheduling] Kriticheskiy otbor projektivnykh reshenii, metod setevogo planirovaniya. 2. Izd. Moskva, Ekonomika, 1965. 64 p.

LIUBKIN, I. A. [Machine accounting for the labor force of a production combine with a guarantee of economic statistics] Mekhanizatsiya ucheta kachestv proizvodstvennogo ob'edineniia s obespecheniem ekonomicheskoi statistiki. Leningrad, 1965. 25 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya Organizatsiya i mekhanizatsiya inzhenernogo i upravlencheskogo stroitel'stva)

LUTAK, I. K. [The main trend] Glavnoe napravleniye. Simferopol', Izd-vo "Kavkaz", 1964. 30 p. (Ekonomicheskaya biblioteka truzhenika sela)

MAIZEL'S, D. L. [Organization, planning and financing of capital construction in the ferrous metal industry] Organizatsiya, planirovaniye i finansirovaniye kapital'nogo stroitel'stva v chernoi metallurgii. Izd. 2, perer. Moskva, Metallurgiya, 1965. 325 p.

MAKAROV, N. M. [In the country of diamonds and poverty] V stranealmazov i blednoty. Moskva, Prosvetshcheniye, 1965. 122 p. (Biblioteka obshchestva)

MAKSIUK, G. I. [Disseminate advanced work methods, among everybody] Peredovyi opyt - vsemu. Simferopol', Izd-vo "Kavkaz", 1964. 17 p. (Ekonomicheskaya biblioteka truzhenika sela)

MARAEV, N. P. [Community as a great power] Obshchestvennost' - bol'shaya sila. [Orenburg] Orenburgskoe knizhnoe izd-vo, 1964. 47 p. (Resheniya XXII s'ezda KPSS v detsyatyi) (CSI-II)

MARUNCHAK, M. N. [Meeting with the Ukrainian pioneers of Alberta] V zustrichi z ukrains'kymy pionerami Alberta. 2. vyd. Winnipeg, 1965. 48 p. (Biblioteka pionera, no. 6) (CaOTU)

MASHEK, A. A., and N. M. ZASLAVSKI. [Operational control in construction] Operativnyi kontrol' v stroitel'stve. Kiev, Budivelnik, 1965. 84 p.

MASLOV, E. P., and K. N. KIREPOV. [Studies on the economic geography of the Kuban district] Issledovaniya A. S. S. R. Ocherki ekonomicheskoi geografii Kubanskoi-Balkarskoi ASSR. Pod red. I. M. Kazmakova i N. I. Chikha. Kubanskoe knizhnoe izd-vo, 1964. 232 p.

MASLOV, P. P. [Income of the Soviet family] Dokhod sovetskoi sem'i. Moskva, Statistika, 1965. 63 p. (Statistika dlya vsekh)

MAZURETS, I. V., and P. A. NIKOLAEV. [For better work, higher wages] Za luchshii trud - vyshchiiy plat. Simferopol', Izd-vo "Kavkaz", 1964. 34 p. (Ekonomicheskaya biblioteka truzhenika sela)

MENCHINSKII, V. V. [Organization of budget work in local financial organs] Organizatsiya budzhethoi raboty v mestnykh finansovykh organakh. Moskva, Finansy, 1961 p.

MIRONOV, V. V. [Culture and mode of life of miners in the Soviet Ukraine] Kul'tura i pobut hlybnykh rudnikiv Ukrainy. Kyiv, Naukova dumka, 1965. 124 p.

MOSCOW. NAUCHNO-ISLEDOVAT'EL'SKII I FINANSOVYI INSTITUT. [Finances of developing countries] Finansy razvivayushchikhsia gosudarstv. Pod red. K. I. A. Chizhova. Moskva, Finansy, 1965. 291 p.

MOSCOW. TSENTRAL'NAYA NAUCHNAYA SEL'SKOKHOZIAISTVENNAYA BIBLIOTEKA. [Labor productivity in the agriculture of foreign countries; a bibliography of that of foreign literature for 1940-1963] Produktivnost' truda v sel'skom khoziaistve zaubezhnykh stran; bibliograficheskiy spleksovochnyi literaturny za 1940-1963 gg. Moskva, 1965. 143 p.

MOSTOVOI, S. N. [Work is creativeness] Trud - sloivchesvo. Moskva, Sovetskaya Rossiya, 1965. 94 p.

MUKHIN, A. F. [Accounting in U.S.A. industry] Buhgalterskiy uchot v promyshlennosti SShA. Moskva, Finansy, 1965. 274 p.

- NADIMOV, A.A., A. ALESKEROV, and B. ABDURRAKHMANOV. [Problems of the distribution of socialist production] Voprosy razmeshcheniya sotsialisticheskogo proizvodstva. Baku, Izd-vo Akad. nauk Azerbaidzhanek SSR, 1965. 173 p.
- NADZHUMOV, GAINI. [The attitude of Marxism-Leninism toward folk traditions] Otnosheniye marksizma-leninizma k narodnym traditsiyam Tashkent, Izd-vo "Uzbekistan," 1965. 153 p.
- [NATIONAL ECONOMY OF SOCIALIST COUNTRIES IN 1964; communiqués of statistical administrations] Narodnoe khozaystvo sotsialisticheskikh stran v 1964 godu, soobshcheniya statisticheskikh upravlenii Moskva, Statistika, 1965. 255 p.
- NEIGOLDTBERG, V. I. [River transportation of the U.S.S.R. during the years of the Great Patriotic War] Rechnyi transport SSSR v godu Velikoi Otechestvennoi voyny. Pod red. S.M. Rumiantseva. Moskva, Transport, 1965. 255 p.
- NIKITIN, M. S. [Chile] Chili Moskva, Mysl', 1965. 149 p. (Sotsialno-ekonomicheskie problemy razvivalushchikhsya stran)
- NOVOKHATNI, K. G. [What are the advantages of specialization? Chto dast spetsializatsiya. Smiforopol', Izd-vo "Krym," 1964. 26 p. (Ekonomicheskaya biblioteka truzhenika sela)
- OVSIANNIKOV, L. N. [Zealous managers, notes on the work of the "searchlight operators" in Tataria] Racheitnye khozayeva, zamechi na rabotu "proshchekostov" Tatarii. Moskva, Znanie, 1965. 46 p. (Novoe v zhizni, nauka, tekhnika. X Seriya Molodezhnaya, no. 19)
- PADOKH, IAROSLAV. [The Ukrainian National Association in the light of numbers] Ukrains'kyi narodnyi soluz u svitli chysel. Jersey City, Nakladom Ukr. narodnoho soluzu, 1960. 63 p. (U)
- PANKIN, D. D. [In our house; from the stories of a komсомоl' newsman] V nashe dome, iz rasskazov komсомоl'skogo gazetchika. [Moskva] Molodala gaidila, 1965. 110 p.
- PASHAEV, N. A. [Outline history of the cultural development of Soviet Azerbaijan] Ocherki istorii kul'turnogo slozheniya Sovetskogo Azerbaidzhana. Baku, Azerneshr, 1965. 311 p.
- [PEOPLE OF OUR GOOD LAND]. Ljudi dobrii ziamli, Minsk, 1965. 89 p. (Biblioteka gazety "Holas Radziny")
- PETRIK, P. P. [Communist labor movement on the collective and state farms of Moldavia] Miskharin pntzu munko komuniste yn kolhozau ile shi sovkhauze Moldovei. Kishinev, Editura de partiia i komitetul central AL PK AL Moldovei, 1965. 87 p. [In Moldavia]
- [PRICE MANUAL No. 4] Tarifnoe rukovodstvo No. 4. Moskva, Transport, Book 3. [Distance rates between junction and transit points Effective from July 1, 1965] Tarifnye rasslozheniya mezhdu uzlovymi i tranzitnymi punktami. Vvedeno v deistvie s 1 iulija 1965 g. 398 p. mny (insert)
- PULATOV, KOMIL. [Born of time] Tulabi zamon Dushanbe, Nashrieti "Irfon," 1965. 44 p. [In Tajik]
- RIZNIK, A. I., and S. E. LITVAK. [Fuel and power balance of the U.S.S.R.; methods for statistical development and analysis] Toplivno-energeticheski balans SSSR; metodologiya statisticheskoi razrabotki i analiza. Moskva, Statistika, 1965. 140 p.
- [ROAD BEYOND THE HORIZON, sketches on the standard-bearers of communist labor] Doroga za gorizont, ocherki o znamenitakh kommunisticheskogo truda. [Moskva] Profizdat, 1964. 223 p. (NIC)
- ROMASHKINA, A. F. [Potentialities for an increase in labor productivity in the confectionary industry] Rezervy rosta proizvoditel'nosti truda v konditerskoi promyshlennosti. Moskva, Pishchevala promyshlennost', 1964. 213 p.
- ROZEN, B. I. A. [Permin salt; the history of salt production in the Kama Valley] Permin'ska; istoriya solianogo proizvodstva v Prikam'e, [Perm'] Permin'skoe knizhnoe izd-vo, 1965. 124 p.
- ROZHNEVA, M. I. [We are from Kupavna] My iz Kupavny. Moskva, Sovetskaya Rossiya, 1962. 86 p. (Ned)
- RUD', D. L. [These years are worth decades] Ety gody stoit desiatletii Moskva, Gospolitizdat, 1959. 60 p. (U)
- RUSSIA (1917- R. S. F. S. R.) Ministerstvo kommunalnogo khozaystva. Golovnia normativno-issledovatel'skaya stantsiya. [Standard departmental norms and rates for landscape gardening] Tipyve vedomstvennye normy i rasschenki na raboty po ozeleneniyu. Moskva, Stroizdat, 1965. 94 p.
- RUSSIA (1923- U. S. S. R.) Laws, statutes, etc. [Handbook on safety engineering and industrial sanitation in three volumes] Spavochnik po tekhnike bezopasnosti i proizvodstvennoi sanitarii v trekh tomakh. 3., pismovremennoe i petye. Izd. Sost. S. S. Sidorovich i dr. Oly red. M. N. Pokrovskii, Leningrad, Sudostroyeniye Vol. 2. [General principles, Regulations, Norms Institutions] Obshchie polozheniya. Pravila. Normy. Instutskii, 1965. 679 p.
- RUSSIA (1923- U. S. S. R.) Upravlenie prepodchvaniya obshchestvennykh nauk. [Program for a course in the History of economic theories for higher schools in economics and economics faculties] Programma kursa "Istoria ekonomicheskikh uchenii" dlia ekonomicheskikh vysshikh uchebnykh zavedenii i fakul'tetov. Moskva, Mysl', 1964. 46 p.
- RUSSIA (1923- U. S. S. R.) Verkhovnyi Sovet [Plan of the national economy and the budget of the U.S.S.R. for 1965, materials of the fifth session of the Sixth Supreme Soviet of the U.S.S.R.] O narodnokhlozaystvennom plane i budzhete Soluzn SSR na 1965 god, materialy piatol sessii Verkhovnogo Soveta SSSR shostogo sozrya Moskva, Izd-vo "Ekonomika," 1964. 120 p. (OS)
- SAMSONOV, A. V., and G. A. LIKHNOV. [Labor safety in railroad traffic operations] Otkhrana truda v khozaystve dvizheniya zheleznykh dorog. Moskva, Transport, 1965. 182 p.
- SHADRIN, I. P. [Community maintains law and order] Obshchestvennost' na strazhe poriadka, Iakutsk, Iakutskoe knizhnoe izd-vo, 1964. 37 p. (CS-II)
- SHAKIR-ZADE, A. S. [The people are the creators of the culture of communism] Narod-tvorca kul'tury kommunizma Baku, Izd-vo Akad. nauk Azerbaidzhanek SSR, 1965. 300 p.
- SHEIN, I. V. [With the aid of science] V družbe s naukoj. Smiforopol', Izd-vo "Krym," 1964. 36 p. (Ekonomicheskaya biblioteka truzhenika sela)
- [SHORT STATISTICAL YEARBOOK OF THE PEOPLE'S REPUBLIC OF POLAND FOR 1965] Kratki statisticheski ezhegodnik Pol'skoi Narodnoi Respubliki 1965. Warsaw, Izd-vo TSentr. stat. upr., 1965. 228 p.
- SHUNKOVA, A. M. [Employees' work organization] Organizatsiya truda sluzhashchikh. Moskva, Ekonomika, 1965. 121 p.
- SINGUR, G. N. [Methodological problems of computing expenditures in combined productions] Metodicheskie voprosy ischisleniya zatrat v kombinirovannykh proizvodstvakh. Kishinev, Karlia moldoveniaske, 1964. 79 p.
- SIZOV, V. N., and E. A. BESSONOV. [Effectiveness of irrigation farming] Effektivnost' orosheniya zemledelia. Smiforopol', Izd-vo "Krym," 1964. 36 p. (Ekonomicheskaya biblioteka truzhenika sela)
- SKACHKOV, T. F. [Decisive condition] Reshatushchee uslovie. Smiforopol', Izd-vo "Krym," 1964. 23 p. (Ekonomicheskaya biblioteka truzhenika sela)
- SLET MOLOYKH STROITELEI SIBIRI I DAL'NEGO VO-STOKA Ist. Krasnoyarsk, 1965. [Youth at the construction sites of Siberia, abridged verbal report of the 1st Congress of Young Construction Workers of Siberia and the Far East, September 26-27, 1963] [Unost] na stroikakh Sibiri; sokraschenyi stenografi-cheskii otechet Pervogo sleta molodykh stroitelei Sibiri i Dal'nego Vostoka, 26-27 sent. 1963 g. Moskva, Stroizdat, 1964. 158 p. (CS-II)
- SMIRNOV, I. U. A. [Practice in the introduction of the system of management and planning based on network scheduling, experience of Construction Administration No. 46 and the State Technical Administration for Improving Work Methods in Construction of the Main Construction Administration of the Western Regions] Opyt vnedreniya sistemy upravlennia i planirovaniia po setevym grafikam, opyt SU-46 i Outekhtstroia Glavzapstroia Leningrad, 1965. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy Proizvodstvennyi opyt Seriya Stroitel'noe proizvodstvo)
- [SOCIALIST METHOD OF PRODUCTION] Sotsialisticheskii sposob proizvodstva [Kiev] Vyd-vo Kyivs'koho univ., 1963. (WU)
- STEPANOV, L. V. [Problem of economic independence, on the paths of the development of the national economy of liberated countries] Problema ekonomicheskoi nezavisimosti; o putakh razvitiia narodnoi ekonomiki osvobodivshikhsya stran Moskva, Mysl', 1965. 190 p.
- STRAMENTOV, A. E., and M. S. FISHEL'SON. [City traffic] Gorodskoe dvizhenie Izd. 2., perev. i dop. Moskva, Stroizdat, 1965. 343 p.
- TAIROV, T. F. [The youth federation is 20 years old] Federatsii iunykh 20 let Moskva, Znanie, 1965. 59 p. (Novoe v zhizni, nauka, tekhnika. X Seriya Molodezhnaya, no. 20)
- [THREE LIVES FOR MISSISSIPPI Translated from the English] Tri zhizni za Mississipi. Moskva, Izd-vo "Pravda," 1965. 61 p. (Biblioteka "Komsomol'skoi pravdy," no. 10)
- TITOREV, P. S. [Everybody has to count] Schitat' dolzhny vse. Smiforopol', Izd-vo "Krym," 1961. 30 p. (Ekonomicheskaya biblioteka truzhenika sela)
- [TRADE UNIONS OF THE COUNTRIES OF SOUTHEASTERN ASIA] Profsoyuzy stran IUGO-Vostochnoi Azii [Moskva] Profizdat, 1964. 78 p. (Profsoyuzy mira) (CS-II)
- [TRADE UNION OF WORKERS IN GEOLOGICAL PROSPECTING, a concise outline] Profsoyuz rabochikh geologov azvedchinykh rabot, kratkii очерк, Moskva, Nedra, 1961. 106 p. (CS-II)
- TRIFONOV, I. U. A., comp. [We are workers at the Novolubnyy Plant] My — novolubniki. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1962. 207 p. (Iz istorii uralskikh zavedov) (NIC)
- TSAMUTALI, A. S. [Capital assets and investments of the collective farms of Uzbekistan] Osnovnye fondy i kapitaly khozheniya kolhozov Uzbekistana Tashkent, Gosizdat USSR, 1964. 74 p. (MII) (NIC) (NIP)
- TUROVSKII, I. G., and V. E. SHNEIDER, eds. [Economics, organization and planning for the building materials industry] Ekonomika, organizatsiya i planirovaniye promyshlennosti stroitel'nykh materialov. Moskva, Stroizdat, 1965. 425 p.
- UDACHIN, S. A. [Scientific principles of land utilization] Nauchnye osnovy zemleustroitelstva. Moskva, Kolos, 1965. 270 p.
- UMANSKH, L. M., and M. M. UMANSKH [Economics of the petroleum and gas industries] Ekonomika nefti i gazovoi promyshlennosti Pod red. I. M. Broide Moskva, Nedra, 1965. 378 p.
- VASIL'EV, G. V., and V. N. MIKHAILOV. [Practice in operational production planning in the machinery industry] Opyt operativno-proizvodstvennogo planirovaniia v mashinostroyenii. Moskva, Ekonomika, 1965. 71 p.
- VINOLI, AUREL. [Organization of finance, credit and payments in the Rumanian People's Republic. Translated from the Rumanian] Organizatsiya finansirovaniia, kreditovaniia i raschetov v RNR. Moskva, Gosstatizdat, 1963. 206 p. (Ned) (WU)
- [VOLGA-BALTIC SEA WATERWAY] Volgo-Ball. [Volgoda] Severo-Zapadnoe knizhnoe izd-vo, 1955. 381 p.

VOLKOV, V. V. [Toward united communist property] K edinoi kommunisticheskoj sobstvenosti [Chelabinsk] Chelabinskoe knizhnoe izd-vo, 1963. 98 p. (CS-H)

VOESOUZNOE NAUCHNO-Tekhnicheskoe SOVESCHANIJE PO PRIMENENIU KART S PEFTORIROVANNYMI KARTAMI [Tallinn, 1964] [Materials of the All-Union Conference on the Use of Punched Cards] Muestsity, Tallinn, Tsentr. biuro tekhn. informatsii SSSR, 1965. 172 p.

[WARMTH OF THE NATIVE LAND] Teplo bat'kivskoi zemli. Kyiv, Tovarystvo kul'turnykh zv'iazkiv z Ukrainy, 1965. 93 p.

[WORK OF TRADE-UNION ACTIVISTS ON INDUSTRIAL SAFETY] Rabota profsojuznogo aktyva po okhrane truda. [Moskva] Profizdat, 1965. 205 p.

[YOUNG DAYS OF THE COMMUNIST YOUTH LEAGUE, recollections of the first members of the Communist Youth League of the Kuban] Iunos' komсомольskaja, vospominaniya pervykh Kubanskikh komсомольtsev, [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1963. 223 p. (CS-H)

ZAKIROV, SH. N. [Problems of the development and distribution of the industry of Uzbekistan] Voprosy razvitiya i razmesheniya promyshlennosti Uzbekistana. Tashkent, Izd-vo "Nauka" Uzbekskoi SSR, 1965. 141 p.

ZENENKO, N. V., S. E. KRASNOV, and B. I. STERLIGOV. [Economics of the meat and milk industries] Ekonomika miasnoi i molochnoi promyshlennosti. Pod red. N. V. Zenenko. Moskva, Pishchevaia promyshlennost', 1964. 297 p. (MIU)

ZHIGALOVA, I. M. [Economics of the long-distance transportation of gas] Ekonomika dal'nego transporta gaza. Leningrad, Nedra, 1965. 155 p. (Biblioteka eksploatatsionnaya magistralnogo gazoprovoda)

ZIKHAEV, FAIZI. [Communist Youth League of Tajikistan in the fight for technical development] Komсомольi Tojikistana baroi progressi tekhniki. Dushanbe, Nashriyati "Irfon", 1965. 44 p. [In Tajik]

ZVONKOV, V. F. [Role of engineering personnel in the building of communism] Rol' inzhenernykh kadrov v stroitel'stve kommunizma. Leningrad, Ob-vo "Znanie" RSFSR, 1965. 51 p.

6. POLITICAL SCIENCE

AKADEMIYA NAUK SSSR, Institut narodov Azii. [Colonial policy of the imperialist states in Oceania] Kolonial'naya politika imperialisticheskikh derzhav v Okeanii. Moskva, Nauka, 1965. 156 p.

BREZHNEV, L. I. [47th anniversary of the Great October Socialist Revolution, report presented at the formal meeting in the Kremlin Palace of Congresses, November 6, 1964] 47-ia godovshchina Velikoi Oktjabr'skoi sotsialisticheskoi revoliutsii, doklad na torzhestvennom zasedanii v Kremlevskom dvortse s'ezdov, 6-go noyabrya 1964 goda. Moskva, Izd-vo polit. lit-ry, 1964. 36 p. (NIC)

BUKIN, M. S. [Establishment of the Moldavian A.S.S.R., historical and legal sketch] Obrazovanie Mordovskoi ASSR, istoriko-iuridicheskii ocherk. Saransk, Mordovskoe knizhnoe izd-vo, 1964. 253 p. (CS-H)

DOM POLITICHESKOGO PROSVESHCHENIYA, Yakutsk. [We are responsible for each one, from experience in political work with the masses] My v oteve za kazhdogo, iz opyta massovo-politicheskoi raboty. Yakutsk, Iakutskoe knizhnoe izd-vo, 1965. 58 p.

EGOROV, V. N., comp. [Foreign policy and international relations, bibliography manual, 1961-June 1964] Vneshnaya politika i mezhdunarodnye otnosheniya; bibliograficheski spravochnik 1961-ium' 1964 g. Moskva, Izd-vo "Mezhdunarodnye otnosheniya", 1965. 279 p.

EMEL'ANOVA, I. A. [Supreme organs of state power and government of Russia in the prereform period] Vysshie organy gosudarstvennoi vlasti i upravleniya Rossi v doreformennyi period. [Kazan'] Izd-vo Kazanskogo univ., 1962. 44 p.

FEDULOV, N. I. [Volunteer participation in party work] Obshchestvennoye nachala v partiinoy rabote. Saratov, Privolzhskoe knizhnoe izd-vo, 1964. 61 p. (Resheniya XXII s'ezda KPSS - v zhizni) (CS-H)

[FRONT WITHOUT A FRONT LINE] Front bez lini fronta. [Kuibyshev] Izd-vo Agentstva pechat' Novosti, [1965] 256 p.

FURAZHKOV, A. [Volunteer participation in the work of the soviets] Obshchestvennoye nachala v rabote sovetov. Kishinev, Karla moldaventsko, 1964. 59 p. (CS-H)

GOMULKA, WLADYSLAW. [Under the guidance of the Marxist-Leninist party toward the triumph of socialism. Translated from the Polish] Pod rukovodstvom marksistsko-leninskoi partii k pobeде sotsializma. [Moskva] Gospolitizdat, 1960. 189 p. (Biblioteka po nauchnomu sotsializmu) (CLU)

GRIGORIAN, L. A. [Soviets as the organs of authority and people's self-government] Sovety - organy vlasti i narodnogo samoupravleniya. Moskva, Iuridicheskaya literatura, 1965. 233 p.

GULIEV, V. E. [The imperialist state, a critical survey of bourgeois theories] Imperialisticheskoe gosudarstvo, ocherk kritiki burzhuaznykh teorii. [Moskva] Izd-vo Mosk. univ., 1965. 144 p.

KOMKOV, G. D. [Ideological and political work of the CPSU during the years 1941-1945] Ideino-politicheskaya rabota KPSS v 1941-1945 gg. Moskva, Nauka, 1965. 438 p.

KOMMUNISTICHESKAYA PARTIYA SOVETSKOGO SOIUZA [Statute of the Communist Party of the Soviet Union Approved by the 22d Congress of the CPSU] Ustav Kommunisticheskoi partii Sovetskogo Soiuza Utochzhen XXII s'ezdom KPSS Moskva, Gospolitizdat, 1962. 31 p. (CAOTU)

KOMMUNISTICHESKAYA PARTIYA SOVETSKOGO SOIUZA 16 s'ezd, Moscow, 1920 [Sixteenth Conference of the All-Union Communist Party (Bolshevik) April 1920, verbatim report] Shestnadtsatnaya konferentsiya VKP/b, april 1920 goda; stenograficheski otechet Moskva, Gos. izd-vo polit. lit-ry, 1962. xxix, 837 p. (RPB)

KOMMUNISTICHESKAYA PARTIYA SOVETSKOGO SOIUZA. Tsentral'nyi komitet. Plenum. [Plenum of the Central Committee of the Communist Party of the Soviet Union, March 24-26, 1965. Verbatim report] Plenum Tsentral'nogo komiteta Kommunisticheskoi partii Sovetskogo Soiuza, 24-26 marta 1965 goda. Stenograficheski otechet Moskva, Politizdat, 1965. 243 p. (MICROFILM)

KOTLIARENKO, A. F. [Mexico] Meksika. Kyiv, Politytydav Ukrainy, 1965. 54 p.

KOVAL', K. I. [Volunteer participation in the work of a soviet] Obshchestvennoye nachala v rabote sovieta. Frunze, Kirgizskoe knizhnoe izd-vo, 1964. 75 p. (CS-H)

KRASnodarskiy KRAY. Ispolnitel'nyi komitet. [Krasnodar Territory; administrative and territorial divisions] Krasnodarskii krai, administrativno-territorial'noye deleniye. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1964. 163 p.

[LET'S ORGANIZE THE WORK AND TRAIN THE PEOPLE] from the work experience of municipal and district party organizations in the province] Organizovuyat' delo, vospityvat' liudei, iz opyta raboty gorodskikh i rayonnykh partiinykh organizatsii oblasti, [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1964. 93 p. (CS-H)

MURADOVA, G. O. [International education of workers during the period of the large-scale building of communism] Internatsional'noye vospitaniye trudiashchikh v period razvernutoy stroitel'stva kommunizma. Ashkhabad, Izd-vo "Turkmenistan", 1965. 74 p.

NUTSUBIDZE, A. G. [Criticism of the ideological forms of contemporary imperialism. Critika ideologicheskikh form sovremennogo imperializma. Tbilisi, Metsnereba] 1965. 97 p. [In Georgian]

[ORGANIZATIONAL PARTY WORK, questions and answers] Organizatsionno-partiynaya rabota; voprosy i otevy. Moskva, Izd-vo polit. lit-ry, 1961. 77 p. (NIC)

PLIASUN, I. A. [State and political organization of the Iraq Republic, 1958-1963] Derzhavno-politicheskii i traks'koi Respubliki, 1958-1963 rr. Kyiv, Naukova dumka, 1964. 143 p. (MI)

[PROGRAM OF THE BUILDING OF COMMUNISM, a methods textbook for correspondence students studying the materials of the 22d Congress of the CPSU] Programma stroitel'stva kommunizma, uchebno-metodicheskoe posobie dlia studentov-zhuchnikov, truchatskikh materialy XXII s'ezda KPSS. Khar'kov, Izd-vo Kharkovskogo univ. Vol. 1. 1963. 1 v. (CS-H)

RUBAN, N. V. [Victory of socialism in the U.S.S.R.] Pobeda sotsializma v SSSR. Moskva, Politizdat, 1965. 62 p. (V ponosheh' stuzhateliam nachal'nykh politicheskikh shkol)

SAIDUKOV, K. A. [Volunteer participation in the activity of local soviets] Obshchestvennoye nachala v deyatelnosti mestnykh sovetov. Ul'án-Ude, Buriatinskoe knizhnoe izd-vo, 1964. 50 p. (CS-H)

[SKETCHES OF THE HISTORY OF THE KOMI PARTY ORGANIZATION] Ocherki istorii Komii partiinoy organizatsii. Syktyvkar, Komii knizhnoe izd-vo, 1964. 427 p. (CS-H)

SPASOV, BORIS. [System of national representation in the People's Republic of Bulgaria] Sistema narodnogo predstavitel'stva v Narodnoi Respublike Bolgarii. Moskva, Nauka, 1965. 89 p.

TARAPATA, V. F. [Public participation in ideological work] Obshchestvennoye nachala v ideologicheskoi rabote. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1963. 36 p. (Resheniya Iun'skogo Plenuma Tsk KPSS - v zhizni)

TOKAREV, V. A. [Socialist Yugoslavia] Sotsialisticheskaya Iugoslaviya. Moskva, Znanie, 1965. 36 p. (Novoe v zhizni, nauke, tekhnike. VII Seriya. Mezhdunarodnaya, no. 2)

ULBRICHT, WALTER. [Program of socialism and the historical task of the S. U. P. U., the program of the Socialist Unity Party of Germany. Translated from the German] Programma sotsializma i istoricheskaya zadacha SEDP, programma Sotsialisticheskoi edinoi partii Germanii. Moskva, Gos. izd-vo polit. lit-ry, 1963. 358 p. (NCD)

[UNITED NATIONS IN FACTS AND FIGURES, a brief manual] Organizatsiia Ob'edinennykh Natsii v faktakh i tsifakh, kratkii spavochnik. [Moskva] IMO, 1965. 178 p.

7. LAW

ALMA-ATA, UNIVERSITET. Iuridicheskii fakultet. [Problems of government and law] Voprosy gosudarstva i prava; sbornik trudov. Alma-Ata, 1963. 403 p. (MI)

ANDRIANOV, S. N., and A. S. NIKIFOROV. [English-Russian dictionary] Anglo-russkii slovar'. Moskva, Mezhdunarodnye otnosheniya, 1961. 340 p. (ICU)

AZERBAIJAN. Laws, statutes, etc. [Civil code of the Azerbaijan S.S.R.] Grazhdanskii kodeks Azerbaidzhanskoi SSR. Baku, Izd. Verkhovnogo Soveta Azerbaidzhanskoi SSR, 1964. 295 p.

AZERBAIJAN. Laws, statutes, etc. [Civil procedure code of the Azerbaijan S.S.R.] Grazhdanskii protsessual'nyi kodeks Azerbaidzhanskoi SSR. Baku, Izd. Verkhovnogo Soveta Azerbaidzhanskoi SSR, 1964. 258 p. (CS-H)

BULATOV, S. I. A. [Liability for economic crimes under the Criminal Code of the Kazakh S.S.R.] Otvetstvennost' za khoziaistvennye prestupleniya po ugol'nomu kodeksu Kazakhskoi SSR. Alma-Ata, Nauka, 1965. 110 p.

- ESTONIAN S.S.R. Laws, statutes, etc.** [Statute on elections to district, municipal, settlement, and rural soviets of workers' deputies of the Estonian S.S.R. Text approved by the Decree of the Supreme Soviet of the Estonian S.S.R. of December 20, 1954, with amendments and additions of December 27, 1954, January 13, 1959 and January 19, 1963.] Polozhenie o vybakh v raionnye, gorodskie, poselkovye i sel'skie Sovety deputatov trudashchikhsia Estonskoi SSR. Tekst, utverzhdenyi Ukazom Prezidiuma Verkhovnogo Soveta Estonskoi SSR ot 20 dekabrja 1954 g., s izmeneniami i dopolneniami ot 27 dekabrja 1954 g., 13 janvarja 1959 g. i 19 janvarja 1963 g. Tallinn, Eesti Raamat, 1965. 35 p. (CSt-H)
- GHUSHAFF, P. I.** [Criticism of bourgeois legal ideology, unmasking of bourgeois views on Soviet law and legality] Kritika burzhuanoi pravovoi ideologii, razoblenie burzhuanzykh vzgladov na sovetskoe pravo i zakonost'. Moskva, Iuridicheskaja literatura, 1964. 207 p.
- KAZAKH S.S.R. Constitution.** [Constitution (fundamental law) of the Kazakh S.S.R. As amended and supplemented by the Sixth Supreme Soviet of the Kazakh S.S.R., fourth session.] Konstitutsia (osnovnoi zakon) Kazakhskoi SSR. S izmeneniami i dopolneniami, prinatyimi na chetvertoj sessii Verkhovnogo Soveta Kazakhskoi SSR shestogo sozyva. Alma-Ata, Izd-vo "Kazakhstan," 1964. 30 p.
- KIRGHIZ S.S.R. Laws, statutes, etc.** [Judiciary Act of the Kirghiz Soviet Socialist Republic. Passed at the third session of the Fifth Supreme Soviet of the Kirghiz S.S.R., May 24, 1960.] Zakon o sudoustroistve Kirgizskoi Sovetskoi Sotsialisticheskoi Respubliki. Prinat na tri chet' sessii Verkhovnogo Soveta Kirgizskoi SSR platogo sozyva (24 maja 1960 g.). 2. izd. Frunze, Kirgizskoe gos. izd-vo, 1963. 130 p. [In Kirghiz and Russian]
- KISELEV, I. A. I.** [Labor safety, specialists' counsels on its legal aspects] Okhrana truda, konsultatsii po pravovym voprosam. [Moskva] Profizdat, 1965. 175 p.
- KURLANDSKII, V. I.** [Criminal responsibility and measures of social influence] Ugolovnaia otvetsvennost' i mery obshchestvennogo vozdeistviia. Moskva, Iuridicheskaja literatura, 1965. 139 p.
- MOJDAVIAN S.S.R. Laws, statutes, etc.** [Statute on elections to district, municipal, village and settlement soviets of workers' deputies of the Moldavian S.S.R.] Regulamentul de alegeri in Sovetele raionale, oroshenieshi, sesheti shi de oroshel de deputati al camenilor muncii din RSS Moldoveniaste. Aprobat prin Ukazul Prezidiumului Sovietului Suprem al RSS Moldoveniaste din 17 decembrie 1954 (cu modificariile shi kompletariile, yni aduse prin Ukazurile Prezidiumului Sovietului Suprem al RSS Moldoveniaste din 18 decembrie 1959, din 19 ianuarie 1959, din 30 iulie 1959, din 12 ianuarie 1963. Kishineu, Editura de printa a Komitetului Central al PK al Moldovei, 1965. 34 p. [In Moldavian]
- MOSCOW, UNIVERSITET. Iuridicheskii fakultet.** [Collection of exercises in Soviet administrative law] Sbornik zadach po sovetskomu administrativnomu pravu. [Moskva] Izd-vo Mosk. univ., 1965. 60 p.
- MOSCOW. VSESOUZNYI INSTITUT PO IZUCHENIU PRICHIN I RAZRABOTKE MER PREODUPREZHDENIIA PRESTUPNOSTI.** [Work of the district procurator in fighting crime] Rabota raionnogo prokurora po borbe s prestupnost'iu. Pod obshch. red. i s predisl. zamestiitelia General'nogo Prokurora SSSR gosudarstvennogo sovetsnika iuritsii I-go klassa A. S. Panfiliyeva. Moskva, Iuridicheskaja literatura, 1965. 206 p.
- MUNTIAN, V. L.** [Soviet conservation law of the Ukrainian S.S.R.] Pravova okhorona hruntiv Ukrain'skoi RSR. Kyiv, Naukova dumka, 1965. 97 p.
- NAUCHNAIA KONFERENTSIIA "NOVYE GRAZHDAANSKIE I GRAZHDAANSKIE PROTSYSSUAL'NYE KODEKSY SOIUZNYKH RS'PUBLIK."** 1964 [Materials of the Scientific Conference on the "New Civil and Civil Procedure Codes of the Union Republics," October 14-16, 1964] Materialy. Moskva, Vses. nauchnoissl. in-t sovetskogo zakonodatel'stva, 1965. 212 p.
- RUSSIA (1917- R. S. F. S. R.) Laws, statutes, etc.** [Theoretical and practical commentaries to the Civil Procedure Code of the R. S. F. S. R.] Nauchno-prakticheski kommentarii k GPK RSFSR. Pod red. R. F. Kalistratova i V. K. Puchinskogo. Moskva, Iuridicheskaja literatura, 1965. 612 p.
- RUSSIA (1923- U. S. S. R.) Laws, statutes, etc.** [Registration of buildings; a collection of official materials in force] Registratsia stroenii, sbornik deiatel'shestvkh ofitsial'nykh materialov. Sost. S. D. Litvinchev. Moskva, Stroiizdat, 1965. 70 p.
- RUSSIA (1923- U. S. S. R.) Laws, statutes, etc.** [Statute on the socialist state production enterprise] Polozhenie o sotsialisticheskoi gosudarstvennoi proizvodstvennoi predpriatii. [Moskva] Ekonomika, 1965. 30 p.
- SLADKOV, K. S.** [Procedure in elections to district (city) people's courts] Poriadok vyborov raionnykh (gorodskikh) narodnykh sudov. Moskva, Iuridicheskaja literatura, 1965. 62 p.
- SUPREME COURT OF THE U. S. S. R. IS 40 YEARS OLD.** collection of articles and other materials dedicated to the anniversary of the Supreme Court of the U. S. S. R. Verkhovnomu Sudu SSSR - 40 let; sbornik statei i drugikh materialov, posviashchennykh iubiloiu Verkhovnogo Suda SSSR. Pod obshch. red. A. F. Gorkina. Moskva, Izvestia, 1965. 93 p.
- TAJIK S.S.R. Constitution.** [Constitution (fundamental law) of the Tajik Soviet Socialist Republic] Konstitutsia (konunul asosii) Respublikai Soveti Sotsialistii Tojikiston. Az tarafi S'ezdi VI favkulodai Sovetskoi RSS Tojikiston 1 marti soli 1937 lasdik karida shudast, Bo tag'iroi va ilovakho, ki to 1 janvari soli 1965 dokhil karida shudast. Dushanbe, Nashi leti "Ifon," 1965. 29 p. [In Tajik]
- TAJIK S.S.R. Laws, statutes, etc.** [Statute on elections to province, district, municipal, village, and settlement soviets of workers' deputies of the Tajik S.S.R.] Nizomnomai Iltihobotoi Sovetkhil viloiati, raioni, shakiri, kishloki va poselkavi deputatkhil mekhnakshoni RSS Tojikiston. Bo ukazi Prezidiumi Soveti oili RSS Tojikiston az 5 oktiabri soli 1950 lasdik, karida shudast. Dushanbe, Ifon, 1964. 27 p. [In Tajik]
- TAJIK S.S.R. Laws, statutes, etc.** [Statute on elections to province, district, municipal, village, and settlement soviets of workers' deputies of the Tajik S.S.R. Approved by the Decree of the Presidium of the Supreme Soviet of the Tajik S.S.R. of October 5, 1959 With amendments and additions... of December 20, 1952, December 18, 1956, December 23, 1959 and December 28, 1962.] Polozhenie o vyborakh v oblasti, raiony, raionskie, kishinchy i poselkovye Sovety deputatov trudashchikhsia Tadzhikskoi SSR Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Tadzhikskoi SSR ot 5 okt. 1959 g. S izmeneniami i dopolneniami. . . ot 20 dek. 1952 g., 18 dek. 1956 g., 23 dek. 1958 g. i ot 28 dek. 1962 g. Dushanbe, Tadzhikgosizdat, 1963. 27 p. (CSt-H)
- TARTU. ULIKOOL.** [Papers on jurisprudence] Oigustea-daslike toid; artiklite kogumik. Trudy po pravovedeni; sbornik statei. Tartu, 1964. 160 p. [In Russian and Estonian]
- TSAGURIA, T. D.** [Civil responsibility for damage caused to the life or limb of a worker] Grahdanskaia otvetsvennost' za prichinenie uvech'ia ili smerti rabotniku. Tbilisi, Metsnereba, 1965. 109 p. [In Georgian]
- USININ, V. I., and M. V. BAGLAI.** [Legal regulation of labor in capitalist countries] Pravovoe regulirovaniye truda v kapitalisticheskikh stranakh. Moskva, Gos. izd-vo iurid. lit-ry, 1963. 212 p. (WU)
- VSESOUZNYI NAUCHNO-ISSELEDOVATEL'SKII INSTITUT SOVETSKOGO ZAKONODATEL'STVA.** [Theoretical commentaries on trial practice in civil law cases for 1963] Nauchnyi kommentarii sudobnoi praktiki po grazhdanskim delam za 1963 god. Otv. red. P. I. Sudugin. Moskva, Iuridicheskaja literatura, 1965. 180 p.
- CHUPRININ, A. I., V. I. SKORIATIN, and V. V. ELAGIN** [400 difficult half-time; sketches of the "SKA" soccer team (Rostov)] 400 trudnykh (almov) ocherki o futbol'noi komande SKA (Rostov). [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1965. 157 p.
- CURULIS, GUNARS** [Between the start and the finish. Authorized translation from the Latvian] Mezhdur startom i finishem. Riga, Liepa, 1965. 131 p.
- DANCHENKO, I. P., I. T. OSIPOV, and A. A. TATEVO-SIAN.** [Health is in your hands] Zdorovie v vashikh rukakh. Moskva, Fizkul'tura i sport, 1965. 68 p.
- [GAMES AND RECREATIONS]** Bozikhoi shavkovai. Dushanbe, Nashi leti "Ifon," 1965. 85 p. [In Tajik]
- GOLODNIK, A. T., and M. B. MOROZOV** [Programmed instruction and teaching machines] Programirovannoe obucheniye i obucheniushchie mashiny. Kiev, Radiosv'et shkola, 1964. 97 p. diags. (Invent)
- GORBUSHINA, L. A.** [Election and narration of the teacher, a manual for students of pedagogical schools and teachers of elementary school grades] Vyazitel'noe chitaniye i rasskazyvaniye uchitel'ia, posobie dlia uchashchikhsia pedagogicheskikh uchitel'skikh i uchitel'skikh nachal'nykh klassov shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-vn prosveshchenia RSFSR, 1961. 154 p. (CLU)
- INTERNATIONAL UNION OF STUDENTS.** [International student seminar. "Higher education in the U. S. S. R."] Mezhdunarodnyi studentcheskii seminar "Vysshiee obrazovanie v SSSR." Prague, [1959?] 61 p. (MH)
- KRUPSKAIA, N. K.** [Socially useful work of students] Obshchestvenno poteznaia rabota shkol'nikov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 84 p. (NIC)
- KUDRIASHENKO, P. I.** [Cultivating Soviet patriotism in children in the home] Vospitanie sovetskogo patriotizma u detei v sem'e. Leningrad, Znanie, 1964. 41 p. (NIC)
- KURBANOV, A. A., and O. D. KUZ'MIN.** [40 years along Lenin's path in the field of public education in Turkmenistan] 40 let po puti Lenina v oblasti narodnogo obrazovaniia v Turkmenistane. Pod red. M. D. Annakutdova. Ashkhabad, Izd-vo "Turkmenistan," 1965. 211 p.
- LENINGRAD, UNIVERSITET.** [Saint Petersburg (Bestuzhev) higher courses for women, 1878-1918] Sankt-Peterburgskie vysshe zhenskoe (Bestuzhevskie) kursy (1878-1918 gg.), sbornik statei. Pod obshch. red. S. N. Vaika i dr. [Leningrad] Izd-vo Leningr. univ., 1965. 287 p.
- LEVSHIN, L. A.** [Pedagogics and the present] Pedagogika i sovremennost'. Moskva, Prosveshchenie, 1964. 358 p.
- MASHIN, I. U. D.** [Results of the 18th Olympic games in Tokyo] Itogi XVIII Olimpiiskikh igr v Tokio. Moskva, Fizkul'tura i sport, 1965. 45 p.
- MAZUROVA, I. A. S.** [Communist Youth League and the training of workers within the system of the labor reserves of the White Russian S. S. R.] Konsomol i podgotovka rabochikh v sistemu trudovykh rezervov BSSR. Minsk, Belarus', 1964. 297 p. (CSt-H)
- MOROZ, R. P.** [Develop your strength] Razvivaiete silu. 5., dop. izd. Moskva, Fizkul'tura i sport, 1965. 120 p.
- NORKINA, T. E.** [Take care of your nerves] Bereгите nervy. Moskva, Fizkul'tura i sport, 1965. 60 p.
- RODARI, GIANNI.** [Worldwide round dance. Translated from the Italian] Vsemirnyi khorovod. Moskva, Gos. izd-vo det'skoi lit-ry, 1962. 15 p. (Biblioteka detskogo chita.) (MDW)
- [TECHNICAL SCHOOLS OF LENINGRAD, handbook for students registering in 1965]** Tekhnikumy i uchilishcha Leningrada, spravochnik dlia postupaiushchikh v 1965 g. [Leningrad] Lenizdat, 1965. 183 p.
- TIKHEEVA, E. I.** [Play and creative activities of little children, aid for parents and workers of preschool institutions] Igra i zaniatia mal'nykh detei, posobie dlia roditel'ei i rabotnikov doshkol'nykh uchrezhdenii. 2. Izd. Moskva, Prosveshchenie, 1965. 119 p.

8. EDUCATION

[ATHLETE'S YEARBOOK FOR 1964] Kehakultuur lase aastaraamat 1964. Koostajad: H. Aetkora, E. Belov, A. Org. Tallinn, Eesti Raamat, 1965. 448 p. [In Estonian]

- UKRAINS'KYI SPORTOVYI KLUB, New York. [Almanac on the occasion of the 10th anniversary of Ukrainian Sports Club of New York, 1948-1958] Al'manakh z nakhody 10-lyillitla dilal'nosti, 1948-1958. New York, 1958. 142 p. (NN)
- VODZINS'KYI, D. I. [Cultivating an interest for knowledge in adolescence] Vospitanie interesa k znaniam u podrostkov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosveshcheniya RSFSR, 1963. 181 p. (CU)
- ## 9. MUSIC, THEATER & MOTION PICTURES
- BRIANTSEVA, V. N. Aleksei Golovkov. Moskva, Muzyka, 1964. 67 p. (NIC)
- CHABANANKO, I., ed. [About the art of the theater] Pro mystetstvo teatru. Uporiadkuvani V. Dovbyschenko ta I. U. Boboshko. Kyiv, Mystetstvo, 1954. 514 p. (CaOTU)
- CHAIKOVSKII, P. I. [Complete collected works] Polnoe sobranie sochinenii. Moskva, Muzyka.
- Vol. 9. [Literary works and correspondence] Literaturnye proizvedeniia i perepiska. Tom podgotovlen N. A. Viktorov, N. B. Gorlovym i E. A. Pustovit. 1965. 406 p.
- CHAIKOVSKII, P. I. [Symphonic music, selected excerpts from his letters and articles] O simfonicheskoi muzyke, izbrannye otryvki iz pisem i statii [2, perer. i dop. izd.]. Moskva, Gos. muzykal'noe izd-vo, 1963. 310 p. (Russkaiia klassicheskaiia muzykal'naiia kritika) (Miu)
- DOVZHENKO, VALERIAN. P. I. Nieshchyn's'kyi. Vyd. 2., perer. i dop. Kyiv, Mystetstvo, 1955. 35 p. (Klasyky muzyky) (CaOTU)
- [ESSAYS ON THE HISTORY OF RUSSIAN MUSIC AT THE END OF THE 19th AND BEGINNING OF THE 20th CENTURY, for students in senior grades] Ocherki po istorii russkoi muzyki konca XIX-nachala XX veka, dlia uchashchikhsia starshikh klassov. [By] T. I. A. Khoprova i dr. Moskva, Prosveshchenie, 1965. 207 p.
- FRENKEL', I. A. [How is the service treating you, a collection of songs with accordion accompaniment] Kak tebe sluzhishia, sbornik pesen s soprovozhdeniem balana. Moskva, Voenizdat, 1965. 128 p.
- GERSHKOVICH, A. A. [Through the theaters of socialist countries, second journey Hungary and Rumania] Po teatram sotsialisticheskikh stran, putechestvie vtoroe Vengriia i Rumyniia. Moskva, Znanie, 1965. 46 p. (Novoe v zhizni, nauke, tekhnike. VI Seriia: Literatura i iskusstvo, no. 21)
- GLEZER, R. V., comp. [M. F. Gnesin, articles, reminiscences, materials] M. F. Gnesin, stat'i, vospominaniia, materialy. Moskva, Sovetskii kompozitor, 1961. 323 p. (Miu)
- IARUSTOVSKII, B. M. [Igor' Stravinskii, a short sketch of his life and work] Igor' Stravinskii, kratkii ocherk zhizni i tvorchestva. Moskva, Muzyka, 1964. 286 p. (Miu)
- IEVTUSHENKO, D. D., and M. MYKHAILOV-SYDOROV. [Problems of voice training, history, theory, and practice] Pytannia vokal'noi pedagogiky, istorii, teorii, praktika. Kyiv, Mystetstvo, 1963. 337 p. (CU)
- KHAR'KOV, V., comp. [Ukrainian folk songs] Ukrainskie narodnye pesni. Sost. i obshchala red. V. Khar'kova. Moskva, Gos. muzykal'noe izd-vo, 1963. 87 p. (Ncu)
- LENINGRAD GOSUDARSTVENNAIA KONSERVATORIIA [Performance of the piano music of Bach, Beethoven, Debussy, Rachmaninoff, Prokof'ev, and Shostakovich] Ob ispolnenii fortepiannoi muzyki Bakha, Beethovena, Debussy, Rachmaninova, Prokof'eva, Shostakovicha. Moskva, Muzyka, 1965. 213 p.
- LUNACHARSKII, A. V. [Lunacharskii about motion pictures, articles, speeches, scripts and documents] Lunacharskii o kino; stat'i, vyskazyvaniia, stsenarii, dokumenty. Moskva, Iskusstvo, 1965. 368 p. (NIC)
- LYS'KO, ZINOVII, comp. [Ukrainian folk melodies] Ukraina'ki narodni melodi. Zibav i zadahuvav Zinovii Lys'ko. New York, Ukr. vil'na akad. nauk u SShA, 1964. (IU)
- MAHLER, GUSTAV. [Letters and recollections. Translated from the German] Pis'ma, vospominania. Moskva, Muzyka, 1964. 634 p. (RFB)
- MAMEDOVA, A. R. Blui'-Blui'. Baku, Azerbaidzhan-skoe gos. izd-vo, 1964. 121 p.
- NIURNBERG, M. V. [Vasilii Sergeevich Kalinnikov, 1866-1901, a short sketch of his life and works] Vasilii Sergeevich Kalinnikov, 1866-1901, kakii ocherk zhizni i tvorchestva. Leningrad, Muzyka, 1964. 79 p. (Knizhka dlia iunoshchestva) (NIC)
- RAMEZ, O. I. A. [Miscellaneous, the language of the director] Mizantsena - iazyk rezhissera. Moskva, Iskusstvo, 1963. 132 p. illus. (WU)
- RATSKAIA, TS. S. Mikhail Kliaev. Moskva, Sovetskii kompozitor, 1957. 83 p. (MII)
- SIDEL'NIKOV, V. M. Ol'ga Vasil'evna Kovaleva. Moskva, Muzyka, 1964. 47 p. (Narodnye pevtsy i muzykanty) (NIC)
- STAKHOVICH, M. A. [Russian folk songs] Russkie narodnye pesni. Predisl., red. i prim. N. Vladymi-nov-Bachinskoi. [Moskva, Muzyka, 1964] 75 p. (Ncu)
- TEATRI- JA MUUSIKAMUSEUM, [Eduard Vilde and the theatre] Eduard Vilde ja teater, Tallinn, 1965. 37, xxxvi p. illus. [in Estonian]
- VIREN, V. N. [Vladimir and Anatolii Durov] Vladimir i Anatolii Durov. Moskva, Iskusstvo, 1964. 30 p.
- ## 10. FINE ARTS
- AKADEMIIA KHUDOZHESTV SSSR. [School of the fine arts in ten numbers] Shkola izobrazitel'nogo iskusstva v desiaty vypuskakh. Moskva, Iskusstvo.
- No 3. Izd. 2., ispr. i dop. 1965. 200 p. illus.
- AKADEMIIA KHUDOZHESTV SSSR. Institut teorii i istorii izobrazitel'nykh iskusstv. [History of Soviet art] Istoriia sovetskogo iskusstva. Moskva, Iskusstvo.
- Vol. 1. [Painting, sculpture, graphic art] Zhivopis', skulptura, grafika. 1965. 302 p. illus.
- ALUPKA. DVORETS-MUZEI. Alupkinskii dvorets-muzei. The Palace-Museum in Alupka. [Kiev, Gos. izd-vo "Mystetstvo," 1964] 23 p. (chiefly illus.) [in Russian, English, and French]
- [ARCHITECTURE] Arhitektura. Zodchestvo. Vilnius, Valstybine grozines ili-ros leidykla, 1957. 1 v. chiefly illus. (Lietuviu liaudies menas) [in Lithuanian and Russian] (CU)
- D'IAKONITSYN, L. F. Vladimir Nikolaevich Kobakov. Leningrad, Khudozhnik RSFSR, 1964. 35 p. illus. (NIC) (Ncu)
- GINTSBURG, I. I. A. [Reminiscences, articles, letters] Vospominania, stat'i, pis'ma. Leningrad, Khudozhnik RSFSR, 1964. 279 p. illus. (Miu)
- GOLUBKINA, A. S. [Selected works] Izbrannye proizvedeniia. Sostavitel' al'boma i avtor teksta S. I. Luk'inov. Moskva, Sovetskii Khudozhnik, 1963. [4] p. 23 plates (in portfolio) (Miu)
- IABLONSKAIA, M. N. Aleksandr Aleksandrovich Delneca. [Leningrad, Khudozhnik RSFSR, 1964] 34 p. illus. (Narodnaia biblioteka po iskusstvu) (NIC)
- IOVLEVA, L. I. Viktor Mikhailovich Vasnetsov. Leningrad, Khudozhnik RSFSR, 1964. 53 p. illus. (Narodnaia biblioteka po iskusstvu) (NIC)
- KIZHI. [Leningrad, Iskusstvo, 1965] 95 p., chiefly illus. (Pamiatniki drevnerusskogo zodchestva)
- KRUGLIAKOV, I. G. [System of landscape paintings for housing areas of large cities under reconstruction] Sistema ozeleniia zhilykh rayonov kuznykh gorodov pri rekonstrukcii. Leningrad, Stroizdat, 1965. 125 p.
- LENINGRAD. FRMITAZII. [Art of Mexico from ancient times to our day, a catalog] Iskusstvo Meksiki ot drevneishikh vremen do nashikh dnei; katalog. Leningrad, 1961. 122 p. plates, maps. (NN)
- MAT'VE, M. E. [In the time of Nefertiti] Vo vremena Nefertiti. Leningrad, Iskusstvo, 1965. 177 p. illus.
- MEDVEDEV, M. I. [Housing construction in Czechoslovakia, standardization and experiment] Zhilishchnee stroitel'stvo v Chexoslovakii; tipizatsiia i eksperiment. Kiev, Budivelnik, 1965. 100 p.
- MILLES, CARL. [Carl Milles, 1875-1955] Karl Milles 1875-1955. [By] K. S. Kravchenko. Moskva, Iskusstvo, 1965. 34 p. illus.
- MOSCOW. GOSUDARSTVENNYI MUZEI IZOMIRAZHIT'NYKH ISKUSTV. Donatello. Moskva, 1960. [11] p. 34 plates (NNMM)
- MOSCOW. TSENTRAL'NYI DOM LITERATOROV. [Aleksandr Gaiikovich Tyshiet, outstanding artist of the Uzbek S. S. R., state prize laureate, an exhibition of his sketches for Shakespeare's performance. A catalog] Grigor'evich Tyshiet, zaslughenyi dletel' iskusstv Uzbekskoi SSR, laureat gosudarstvennoi premii, vystavka eskizov k Shakespirovukim spektakliam. Katalog. Moskva, 1964. 20 p. illus. (MII)
- NERADOVSKII, P. I. [From the life of an artist] Iz zhizni khudozhnika. Leningrad, Khudozhnik RSFSR, 1965. 195 p.
- PEKAROV'S'KYI, M. P. Ivan Mykhailovich Setteman. Kyiv, Mystetstvo, 1964. 61 p. illus. (MII)
- SASHONKO, V. N. [Admiralty Admittalstvo. [Leningrad] Lenzdat, 1965. 80 p. illus. (Dostoprimechatel'nosti Leningrada)
- SERPOKRYI, S. M. [Palace Square; people, events, architecture] Dvortsovala ploschad'; liudi, sobytia, zodchestvo. [Leningrad] Lenzdat, 1965. 169 p. (Dostoprimechatel'nosti Leningrada)
- SHESTAKOV, K. A. [Let's draw, an aid for students] Davaiite risovat', posobie dlia uchihshehsia. Leningrad, Gos. izd-vo M-va prosveshcheniia RSFSR. Leningr. otd-nie, 1963. 72 p. (KU)
- TRUBETSKOI, E. N., kniaz'. [Three studies on the Russian icon, Speculation in colour; Two worlds in the Old-Russian icon painting; Russia in her icons] Tri ocherka o russkoi ikone; Umozrenie v ikone. Dva mira v drevne-russkoi ikono-plati, Rossiia v ee ikone. Paris, YMCA-Press [c1963] 101 p.
- VENETSIANOV, A. G. Aleksei Gavrilovich Venetianov, 1780-1847. Moskva, Gos. izd-vo izobraz., iskus., 1963. 1 v. chiefly illus. (Russkii Khudozhnik)
- VOLKOV, N. N. [Color in painting] TSvet v zhivopisi. Moskva, Iskusstvo, 1965. 213 p. 39 plates.
- ## 11. LANGUAGE, LITERATURE & FOLKLORE
- ABCHUK, A. P. [Pages of the past; a novel, a tale, and stories. Translated from the Yiddish] Stranitsy proshlogo; roman, povest' i rasskazy. Moskva, Sovetskii pisatel', 1965. 107 p.
- ABDUVALIEVA, M. M. [Interconnection between the teaching of Russian and native literatures in eight-year Tajik schools] Vzaimeisv'яз' v prepodavanii russkoi i rodnoi literatury v vos'miletnei tulzhikovskoi shkole. Dushanbe, Izd-vo "Tifon," 1965. 60 p.
- ABDYRAMANOV, SHADDANRAI. [My acquaintances, stories, a tale. Translated from the Kirghiz] Moi znakomye; rasskazy, povest'. Moskva, Sovetskii pisatel', 1964. 180 p. (U)

- ABUL'GASAN, ALAKBARZADA [Enthusiasm, a novel Authorized translation from the Azerbaijani] Pod'emny, roman. Baku, Azerbaidzhan'skoe gos. izd-vo, 1965. 544 p.
- AFANAS'EV, PAVEL. [The ninth facet] Deviataya gran'. [Tambov] Tambovskoe knizhnoe izd-vo, 1963. 22 p. (Knizhka - russkaya) (NIC)
- [AN AID FOR BEGINNING JOURNALISTS, a textbook for worker and rural correspondents attending schools and universities] v pomoshch' nachinaiushchim zhurnalistam, uchebnoe posobie dlia slushatelei shkol i universitetov rabotnikov 2, dop. izd. [Moskva] Izd-vo "Pravda," 1965. 308 p.
- AIZERMAN, L.S. [Lessons, literature, life] Uroki, literatura, zhizn'. Moskva, Prosveshchenie, 1965. 220 p.
- AKADEMIYA NAUK SSSR. Fundamental'naya biblioteka obshchestvennykh nauk. [Bibliography of texts of F.V. Gladkov, 1900-1964] Bibliografiya tekstov F.V. Gladkova 1900-1964. Moskva, Akad. nauk SSSR, 1965. 100 p.
- AKADEMIYA NAUK SSSR. Institut narodov Azii [Most questions on the structure of the Chinese language] Spornye voprosy struktury kitaiskogo yazyka. Moskva, Nauka, 1965. 208 p.
- AKADEMIYA NAUK URSR. Kiev. Institut movoznavstva. [In the workshop of the artistic word] U mastei knuzhzhiv'ogo slova. Kyiv, Naukova dumka, 1965. 216 p. (NeU)
- ALEKSEEV, M.N. [My little crane] Zhuravushka. Moskva, Izd-vo "Pravda," 1965. 60 p. (Biblioteka "Ogonek," no. 6)
- ALIMDZHAN, KHAMID. [Mukanna. Translated from the Uzbek] Mukanna. Tashkent, Gos. izd-vo khudozh. lit-ry URSR, 1964. 149 p. (NNC)
- ANDREICHUK, MYKHAILO. [Selected works] Vybrani tvory. New York, Libra Amerikanskoykh ukladistv, 1954. 367 p. (NN)
- ANGARSKAYA, N.V. [Children; a tale and stories] Deti, povesti i rasskazy. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1962. 139 p. (NN)
- ANOV, N.I. [Ak-Mechet', an historical novel] Ak-Mechet', istoricheskiy roman. [Izd. 5] Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1965. 333 p. (CU)
- ANTOKOL'SKII, A.A. [High sun, collected plays for children] Vysokoe solntse, sbornik p'yes dlia detei. Moskva, Sovetskaya Rossiya, 1965. 91 p. (Biblioteka "V pomoshch' khudozhestvennoi samodeyatelnosti," no. 18)
- ANTSIFEROV, N.S. [Selected lyrics. Izbrannaya lirika. Moskva] Motodala gvardiya, 1965. 28 p. (Biblioteka izbrannoi liriki)
- [ARCTIC REGIONS, THE LAND OF POETS] Zapolar'ye - zemlia poetov. [Murmansk] Murmanskoe knizhnoe izd-vo, 1964. 94 p. (NNC)
- ARUTYUNOVA, N.D. [Problems in translating from Spanish into Russian] Trudnosti perevoda s ispanskogo yazyka na russkii. Moskva, Nauka, 1965. 121 p.
- ASHUR, CHARY. [Dzhigity geklaly; a poem] Geklalyn nigitleri; poema. Ashgabat, "Turkmenistan," 1965. 190 p. [In Turkmen]
- ASTAF'YEVA, N.G. [Red calico kerchief; book verse] Kurnachovyi platok; kniga stikhov. Moskva, Sovetskii pisatel', 1965. 104 p.
- ASTAFUROVA, A.P. [Creative works on the Russian language in the 6th-8th grades] Tvorcheskie raboty po russkomu yazyku v V-VIII klassakh. Moskva, Gos. uchebno-pedagog. izd-vo, 1962. 62 p. [Iz opyta uchitel'ia] (NIC)
- AUEZOV, M.O. [Shot on the mountain pass, a tale and stories. Translated from the Kazakh] Vystryl na pereval, povest' i rasskazy. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1964. 155 p. (NNC)
- AVETISIAN, ZHILMIR. [Wide open windows, tales and stories. Translated from the Armenian] Okna na stozh', povesti i rasskazy. [Moskva, Sovetskii pisatel', 1965] 241 p. (MII)
- [AZERBAIJANI-RUSSIAN DICTIONARY] Azerbaidzhanско-русский словарь. Sostavitel' Kh.A. Azizbekov. Baku, Azerbaidzhan'skoe gos. izd-vo, 1955. 417 p.
- BABULA, V. [Pulse of the universe, a science fiction tale. Translated from the Czech] Pul's vsesvitu; nauchno-fantasticheskii povest'. Kyiv, Molod, 1962. 81 p. (Biblioteka priyod na nauchnoi fantastiky) (NN)
- BAIRAMOV, NURI. [Wait for me] Mana garashyn. Ashgabat, "Turkmenistan," 1965. 150 p. [In Turkmen]
- BALTER, B.I. [Till we meet again, boys! A tale] Do svidaniya, mal'chiki! Povest'. Moskva, Sovetskii pisatel', 1965. 321 p. (NeD)
- BANDURA, O.M. [Study of Ukrainian literature in schools for working youth, a teacher's manual] Vychennia ukrains'koi literatury v shkolakh robotnychoi molodi, posobnyy dlia vchyteliv. Kyiv, Radians'ka shkola, 1962. 148 p. (CLU)
- BARANOV, KH.K. [Arabic-Russian dictionary. About 33,000 words] Arabsko-russkii slovar'. Okolo 33 000 slov. Izd. 3., steretipnoe. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarel', 1962. 1186 p. (ICU)
- BAUKOV, I.P. [A soldier walks down the street, verse] Idet soldat po ulitse, stikhi. Moskva, Voen. izd-vo, 1965. 109 p. (IU) (MII) (NIC)
- BAZHIAN, M.P. [The road, selected verse] Doroga, izbrannye stikhi. Moskva, Khudozhestvennaya literatura, 1964. 202 p. (IU)
- BAZHIAN, M.P. [Verse and poems] Poeziya i poemy. Kyiv, Dnipro, 1965. 2 v. (CaOTU)
- BEDZYK, D.I. [My friend's heart; a novel] Serdse mogo druga, roman. Kyiv, Molod', 1964. 402 p. (CaOTU)
- BEK, A.A. [Volokotamsk Highway] Volokotamskoe shosse. Moskva, Khudozhestvennaya literatura, 1965. 556 p. (Volokata Otechestvennaya...)
- [BELOVED IRISTON, verse of Osettic poets. Translated from the Osettic] Rodnoi Iriston; stikhi osetin'skikh poetov. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1964. 77 p. (NNC)
- BEREZKO, G.S. [Peaceful town; a novel] Mirnyi gorod; roman. Moskva, Voenizdat, 1962. 686 p. (Sovetskii voennyi roman) (NNC)
- BERTEL'S, E.E. [Selected works] Izbrannye trudy. Moskva, Nauka [Vol. 3. Sufism and Sufistic literature] Sufizm i sufistskaya literatura. 1965. 522 p.
- BIKCHENTAIEV, ANVER. [Aides do not die; a tale and stories. Translated from the Bashkir] Ad'utanty ne umiraiut, povesti i rasskazy. Moskva, Sovetskaya Rossiya, 1963. 160 p. (MII)
- [BLOOD BROTHERS, stories of Osettic writers. Translated from the Osettic] Pobratimyye; rasskazy osetin'skikh pisatelei. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1964. 143 p. (NNC)
- BODROVSKII, V.I., comp. [Russian-English phrase book for seamen] Russko-angliiskii razgovornik dlia morskikh. Izd. 2., ispr. i dop. Moskva, Transport, 1965. 355 p.
- BOCHKAR' V.V., ed. [Verse tragedy of the end of the 18th and the beginning of the 19th centuries] Stikhotvornaya tragediya konca XVIII-nachala XIX v. Vstup., stat'ia, podgotovka teksta i primechania V.A. Bochkareva. Leningrad, Sovetskii pisatel', 1964. 629 p. (Biblioteka poeta. Bol'shaya seriya, 2 izd.) (NeD)
- BOGUSLAVSKI, A.O., and V.A. DIEV. [Soviet Russian dramaturgy; basic problems of its development, 1936-1945] Russkaya sovetskaya dramaturgiya, osnovnye problemy razvitiia 1936-1945. Moskva, Nauka, 1955. 280 p.
- BORIN, IU.B. [Love without reciprocity, feuilleton] "Lubov' bez vzaimnosti, feileton." Leningrad, 1965. 117 p.
- BORISKIN, N.M. [Skies on fire, a novel] Nebo v ognе, roman. Tashkent, Fah gvardiya, 1965. 232 p.
- BORTNIAK, A.A. [Melody, lyrics] Melodiia; lirika. Kyiv, Radians'kii pys'mennyi, 1965. 94 p. (IU)
- BOTEV, KHRISTO [Selected works. Translated from the Bulgarian] Izbrannoe. Moskva, Gos. izd-vo khudozh. lit-ry, 1963. 214 p. (CLU)
- BRANDT, L.V. [Serapion's island, tales] Ostrov Serafima, povesti. Moskva, Sovetskii pisatel', 1965. 302 p. (NN) (NNC)
- BRATESCU-VOINESCU, I.A. [The microbe. Translated from the Romanian] Mikroob. [Bucharest, Red. "Narodnaya Rumynia"] 1965. 39 p. (Biblioteka "Narodnaya Rumynia", no. 4)
- BRIZHNNIN, I.I.A. [As a fleeting vision] Kak mimoletnoe viden'e. Leningrad, Leningrad, 1965. 293 p. (IU)
- BRIUSOV, V.I.A. [Poetry of Armenia. Translated from the Armenian] Poeziia Armenii. Pod red. i s predisl. O.T. Ganlanian. Erevan, Alpetiat, 1963. 412 p. (MII)
- BROSZKIEWICZ, JERZY. [Image of love; a tale. Translated from the Polish] Obraz liubvi, povest'. Kiev, Radians'kii pys'mennyi, 1961. 374 p. (CLU)
- BROUKA, PIATRUS'. [High waves, verse] Vysokiiia khvally; vershy. [Minsk, Dziarzhvyd], 1962. 121 p. (CLU)
- BULATOV, M.A. [Little Unany] Malen'kii Unany. Minsk, Glavizdala M-va kul'tury BSSR, 1961. 10 p. (OCI)
- BUMIN, I.A. [The village] Selo. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1956. 166 p. (InU)
- BURKATOV, B.A. [Veteran of the revolutionary ward, a literary criticism] Veteran revoliutsionnogo stana; literaturno-krytychnyi narys. Kyiv, Radians'kii pys'mennyi, 1964. 126 p. (VIU)
- BURMAKIN, E.V. [Autumn day, a tale] Osenii den'; povest'. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1965. 97 p. (Kuzbass literaturnyi)
- DYKOV, VASIL'. [Alpine ballad; tales] Al'p'skaya ballada; povesti. [Moskva, Sovetskii pisatel', 1964] 286 p. (NNC)
- CHANIN, V.D., ed. [Contemporaries] Sovremenniki. [By] Arkadii Savolichyev i dr. Minsk, Belarus', 1964. 163 p. (NIP)
- CHAPLENKO, VASIL'. [Is'ko Hava, a true story in verse] Is'ko Hava; virshovana buval'shchyna. [n.p.] 1965. 361 p. (NN)
- CHEKHOV, A.P. [Plays: Sea gull; Uncle Vanja, Three sisters; Cherry orchard] P'esy: Chulka, Dladin Vanja, Tri sestry, Vishnevyy sad. Moskva, Detskaya literatura, 1965. 222 p. (Shkol'naya biblioteka)

- CHEREPANOV, D. F. [Someone else delivers the report] S dokladom vy stupit drugoi. Alma-Ata, Izd-vo "Kazakhstan," 1965. 125 p.
- CHERKASSKII, M. A. [Furkie vocalism and vowel harmony, an historical and typological study] Turkijskii vokalizm i singarmozizm, opyt istoriko-tipologicheskogo issledovaniia. Moskva, Nauka, 1965. 141 p.
- CHERKESK KARACHAEVO-CHERKESSKII NAUCHNO-ISSLEDOVATELSKII INSTITUT IAZYKA, LITERATURY I ISTORII. [Russian-Karachai-Balkar dictionary. Approximately 35,000 words] Russko-karachaevo-balkarskii slovar'. Okolo 35 000 slov. Pod red kh I. Sunucheva i I. Kh. Urusbieva. Moskva, Sovetskaya Entsiklopedia, 1965. 744 p.
- CHUMID, CHOIZHILYN. [Spring-autumn. Translated from the Mongolian] Vesna-osen'. [Moskva] Molodala gvardia, 1964. 205 p.
- CHIRKOV, A. G. [Thunder storm over the fiords, Admiral Makarov, Lomonosov] Giza nad fiordami, Admiral Makarov, Lomonosov. Moskva, Sovetskii pisatel', 1963. 305 p. (IU)
- CHMONIN, R. N. [He who walks on clouds] Idushchii po oblakam. [Moskva] Molodala gvardia, 1964. 60 p. (MH)
- CHUKREEV, V. I. [Destiny and destinies, a novel] Sud'ba i sud'by, roman. Moskva, Sovetskaya Rossiia, 1965. 334 p. (NIC)
- CHUVAKIN, A. I. [Burd-cherry tree shed its blossoms, a tale] Otsvela cheremukha, povest'. [Moskva] Moskovskii rabochii, 1964. 221 p. (IU) (MH) (NIC) (NIP)
- DANTE ALIGHIERI. [Vita nuova. Translated from the Italian] Novala zhizn'. Moskva, Khudozhestvennaya literatura, 1965. 177 p.
- DASHEVSKII, I. S. [In the chains of Hymen, feuilleteau] V tsepyakh Gimenela, fe'letony. Baku, Azerneshtir, 1963. 98 p.
- DAUDET, ALPHONSE. [Collected works. Translated from the French] Sbranie sochinenii. Moskva, Pravda. Vols. 1-3. 1965. 3 v. (Biblioteka "ogonek") (MH)
- DEEV, V. A. [Trilogy of N. Pogodin on Lenin] Trilogiya N. Pogodina o Lenine. Moskva, Khudozhestvennaya literatura, 1965. 147 p. (Massovaya istoriko-literaturnaya biblioteka) (CSH)
- DIKSON, R. R. [Gorvite po-angliiski. English as we speak it. 2. Izd. Moskva, Izd. lit-ry na inosti iazykakh, 1963. 237 p. (GEU)]
- DIL'BAZI, MIRVARID. [Apple branch, verse and poems. Authorized translation from the Azerbaijani] Ablonevaya vetka, stikhotvoreniia i poemy. Moskva, Khudozhestvennaya literatura, 1965. 150 p. (IU)
- DIMAROV, A. A. [Idol, a novel] Idol; roman. Moskva, Sovetskii pisatel', 1963. 294 p. (KU)
- DIRINGER, DAVID. [The alphabet. Translated from the English] Al'favit. Moskva, Izd-vo Inostr. lit-ry, 1963. 655 p. (MID)
- DMITRIEV, O. M. [Arbatskii Siberians; a new book of verse] Arbatskie sibirskii; novaya kniga stikhov. [Moskva] Molodala gvardia, 1965. 101 p. (MH) (NIC)
- DUNAEVSKII, A. M. [I follow Hašek] Idu za Gashekom. Moskva, Voen. izd-vo, 1963. 150 p. (NIC)
- DZHANGALIN, M. O. [Some problems of translation from Russian into Kazakh, from the practices of translating the classics of Marxism-Leninism] O nekotorykh voprosakh perevoda s russkogo na kazakhskii iazyk, iz opyta perevoda proizvedenii klassikov marksizma-leninizma. Alma-Ata, Kazakhskoe gos. izd-vo, 1958. 115 p. (IU)
- DZHUAEV, NARIMAN. [Fire of war, tales] Urush ody. Ashgabat, "Turkmenistan" nashliaty, 1965. 171 p. [In Turkmen]
- EGOROV, V. G. [Etymological dictionary of the Chuvash language] Etimologicheskii slovar' chuvashskogo iazyka. Cheboksary, Chuvashskoe knizhnoe izd-vo, 1964. 355 p.
- ELWELL-SUTTON, LAURINCE PAUL. [Persian oil, a study in "power politics." Translated from the English] Iranskaia neft'; k istorii "politicheskoi sily." Vstup stat'ia T. Korotkovo. Moskva, Izd-vo inosti lit-ry, 1956. 123 p. (NBC)
- [ENCOUNTER WITH LITHUANIA] Vstrecha s Litvai. Vilnius, Vaga, 1965. 257 p.
- ERDINC, FAHRI. [Allah's cattle. Translated from the Turkish] Skoty Allahia. Red. V. Kuznetsov. Moskva, Progress, 1964. 187 p. (NIC)
- ERISTIN, ERILIK. [A tale and a story. Translated from the Yakut] Povest' i rasskaz. Moskva, Sovetskaya Rossiia, 1964. 141 p. (MH)
- FEDOROVA, L. F. [Katla Urzhumova, tales and stories] Katla Urzhumova, povesti i rasskazy. Moskva, Sovetskaya Rossiia, 1964. 127 p. (Korotkie povesti i rasskazy) (MH) (NIC)
- FITRAT, ABDURAUUF. [Terrible justice, a satirical story. Translated from the Tajik] Strashnyi sud, satiricheski rasskaz. Dushanbe, Ifon, 1964. 46 p. (IU)
- FONVIZIN, D. I. [The minor, a comedy in 5 acts] Nedorosl', komediia v 5 deistviiakh. Moskva, Iskustvo, 1965. 92 p. (Shkol'naya biblioteka mirovoi dramaturgii)
- FRANKO, IVAN. [Stories and tales] Opovidannya ta povisti. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1963. 489 p. (CLU)
- FROLOV, V. V. [Art opens up new worlds, articles on literature, dramaturgy, motion pictures] Iskustvo ot kryvaet mir; stat'i o literature, dramaturgii, kino. Moskva, Sovetskii pisatel', 1965. 285 p.
- GAIBI. [Selected works] Izbrannye proizvedeniia. Podgotovka teksta i predislavie A. Meiudova. Ashkhabad, Turkmenское Izd-vo, 1965. 209 p. [In Turkmen]
- GAMZATOV, RASUL. [Selected works in 2 volumes] Izbrannoe v dvukh tomakh. Moskva, Khudozh. lit-ry, Vol. 1. [Verse and poems of 1943-1963. Translated from the Avaric] Stikhotvoreniia i poemy 1943-1963. 1964. 1 v. (NN)
- [A GIRL WHOSE NAME IS MEN. Translated from the Vietnamese] Devushka Men; rasskazy. Moskva, Izd-vo Inostr. lit-ry, 1962. 168 p. (NIC)
- GLUKHOVSKII, S. D. [Ljudnikov Island, a tale] Ostrov Ljudnikova, povest'. Moskva, Voen. izd-vo, 1963. 108 p. (Geroi - sovremenniki) (IU)
- GOGOL', N. V. [Evenings on a farm near Dikan'ka; tales published by the beekeeper Rudy Pan'ko] Veche-ra na khutore bliz Dikan'ki, povesti, izdannyie pastichnikom [sic] Rudym Pan'kom. Moskva, Detskaya literatura, 1964. 237 p. (Shkol'naya biblioteka) (NBU)
- GOLYSHKIN, V. S., and N. I. IVANOV. [Kind duty] Dobraya dolzhnost'. [Moskva] Profilzdat, 1964. 86 p. (MH)
- GONCOURT, EDMOND, and JULES GONCOURT. [Diary, notes about a literary life. Selected pages. Translated from the French] Dnevnik; zapiski o literaturnoi zhizni. Izbrannye stranitsy. Moskva, Khudozhestvennaya literatura, 1964. 2 v. (CU)
- GORIUNOV, L. V. [Sea salt; notes of a sailor] Morskaya sol', zapiski matroza. [Murmansk] Murmanskoe knizhnoe izd-vo, 1963. 62 p. (Biblioteka korotkogo rasskaza) (NIC)
- GOR'KII, MAKSIM. [Mother; a tale] Mat', povest'. Moskva, Gos. izd-vo khudozh. lit-ry, 1963. 332 p. (MH) (M)
- GOR'KII, MAKSIM. [Plays] P'esy. Moskva, Khudozhestvennaya literatura, 1964. 253 p. (Narodnaya biblioteka) (NN)
- GRASHI, ASHOT. [The trees change their foliage; lyrics, 1934-1964. Authorized translation from the Armenian] Derev'ia meniaut listva, lirika, 1934-1964. [Moskva, Khudozhestvennaya literatura, 1964] 320 p. (MH)
- GRIPACHEV, N. M. [Thunder storm in the night, stories] Nochnaia gora, rasskazy. Tashkent, Khudozhestvennaya literatura, 1961. 107 p. (RIP)
- GRIGOR'EV, V. S. [Grigorii Shebekhov, an historical novel] Grigorii Shebekhov, istoricheskii roman. Moskva, Sovetskii pisatel', 1956. 591 p. (CS)
- GRIN, A. S. [Collected works in six volumes] Sbranie sochinenii v shesti tomakh. Moskva, Izd-vo "Pravda," Vol. 3. 1965. 147 p. (Biblioteka "ogonek")
- GRUDININ, O. G. [Special purpose group; a tale] Gruppa spetsial'nogo naznacheniia; povest'. [Moskva] Molodala gvardia, 1964. 175 p. (MH)
- GRUZOV, L. P. [Phonetics of the dialects of the Mari language from the historical point of view] Istoricheskie dialekty marijskogo iazyka v istoricheskii razviti. sheniia. Inzhak-Ola, Marijskoe knizhnoe izd-vo, 1961. 243 p.
- GULIAKOVSKII, E. I. A. [A high key, stories and tales] Vysokii kluch, rasskazy [i] povesti. [Moskva] Molodala gvardia, 1964. 174 p. (MH)
- GULUZADE, M. IU. [Lyrics of Elzult] Nazadina lirika. Baku, Azerbajchan SSR Elmier Akademiya, Neshliaty, 1965. 474 p. [In Azerbaijani]
- GUSEINOV, CHINGIZ. [What over the city, tales and stories. Authorized translation from the Azerbaijani] Vot nad gorodom; povesti i rasskazy. Moskva, Sovetskii pisatel', 1965. 240 p.
- GUTERMAN, N. G., ed. [Anthology of new British and American poetry, a text for students of pedagogy at institutes] Antologiya novoi angliiskoi i amerikanskoi poezii, posobie dlia studentov pedagogicheskikh institutov. Leningrad, Gos. uchebno-pedagog. izd-vo, 1963. 275 p. (NN)
- HASEK, JAROSLAV. [The good soldier Schweik. Translated from the Czech] Pyshnii bratstvo vojaka Schweika. [Kyiv, Radnashkyi pys'movnyk, 1958] 627 p. (NIC)
- HOFSTEIN, DAVID. [Selected poetry. Translated from the Yiddish] Vybrani poezi. Kyiv, Dnipro, 1963. 246 p. (NN)
- HOLOVKO, A. V. [Artem Har'mash, Woods] Artem Har'mash, Bur'an. Izd. dop. Moskva, Izvestiia, 1965. 751 p. (Biblioteka "Plat' desiat let nazad" i romany)
- HUTSALO, IEVIEN. [Apples from an autumnal garden, stories and a tale] Iabliki iz osennego sada, rasskazy i povest'. [Moskva, Molodala gvardia, 1964] 286 p. (Pervaya kniga molodogo plantolna) (IU)
- IAKOVITSKII, G. N. [Disagreement; a tale from the postwar life of the master seigneur Grigorii Razdynmakh] Razmolvka; povest' iz poslevoennoi zhizni starshiny Grigorii Razdynmakh. Moskva, Sovetskii pisatel', 1965. 202 p. (NIC)
- IAKOVLEV, A. S. [October, tales and stories] Oktial', povesti i rasskazy. Moskva, Khudozhestvennaya literatura, 1965. 361 p. (Biblioteka sovetskoi prozy) (KU) (MH)

- IAKOVLEV, I. A. [A boy with skates] *Mal'chik s kon'kami* [Moskva, Gos. izd-vo khudozh. lit-ry, 1962, 45 p. (Russkazy sovetskikh pisatelei) (NNC)]
- IANOVSKYI, IURII [Peace, a novel] *Myr*, roman. [Kyiv] Dnipro [1965] 285 p. (NN)
- IKRAMI, DZHALOL. [Daughter of fire; a novel] Authorized translation from the Tajik. *Doch' ognia*; roman. Moskva, Izd-vo "Zvestiia," 1965 45 p. (Biblioteka "Plat' desiat let sovetskogo romana")
- [IMMORTALITY; dedicated to the 20th anniversary of the historical victory of the Soviet people over Fascist Germany] *Bessmertie, posviashcheniia 20-letiiu so dala vsemirno-istoricheskoi pobedy sovetskogo naroda nad fashistskoi Germaniei*. [Dushanbe, Irifon, 1965] 533 p.
- [IN THE WORLD OF WOLVES] *V volch'om mire*. [Odessa] Odesskoe knizhnoe izd-vo, 1963. 144 p. (CS1-H)
- IRSHINIKOVA, I. I. [They live on the next street, sketches and stories] *Oni zhivut na sosednei ulitse; ocherki i rasskazy*. [Moskva] Moskovskii rabochii, 1964. 127 p. (NNC)
- ISHENGULOVA, K. B. [Study of Russian in minority schools; a text for teachers] *Izucheniye russkogo narochiia v natsional'noi shkole, posobie dlia uchitelei*. Moskva, Gos. uchob.-pedagog. izd-vo, 1963. 84 p. (NcD)
- IVANOV, V. V. [Adventures of a fakir] *Pokhozhdeniia fakira*. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 1 v. (CS4)
- IVANOV, V. V. [Bald spot and the sun] *Lysina i solntso*. [Voronezh, Voronezhskoe knizhnoe izd-vo, 1963] 57 p. (IU)
- IWASZKIEWICZ, JAROSLAW. [Glory and praise. Translated from the Polish] *Khvala i slava*. Moskva, Progress. Book 1. 1965. 506 p. Book 2. 1965. 414 p.
- JAMI [Selection from the book of poems. Translated from the Persian] *Izbrannoe iz knigi poem*. [Moskva] Khudozhestvennaya literatura, 1964 381 p. (CU)
- KALASHNIKOV, V. N. [Two times two...; humorous stories] *Dvazhdy dva...; humoristicheskie rasskazy*. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1963. 36 p. (NIC)
- KANAKHIN, UTEBAL. [The woman remained alone, a novel. Authorized translation from the Kazakh] *Zhenshchina ostalas' odna*; roman. Alma-Ata, Izd-vo "Zhazushey," 1965. 270 p. (K 20-tetitu velkoi pobedy sovetskogo naroda nad fashistskoi Germaniei)
- KARAS'OV, M. M. [The art of literary reading] *Mystetstvo khudozhi'cho chytaniia*. Kyiv, Mystetstvo, 1965. 144 p.
- KARPOV, E. V. [Don't be born happy; a tale] *Ne rodits' sashchastlivym, povest'*. Moskva, Sovetskii pisatel', 1965. 246 p.
- KAZAKOVA, R. F. [Fridays; a book of new verse] *Piatnitsy; kniga novykh stikhov*. Moskva, Sovetskii pisatel', 1965. 87 p.
- KEDRIN, D. B. [Beauty; verse and poems] *Krasota; stikhotvoreniia i poemy*. Moskva, Khudozhestvennaya literatura, 1965. 285 p.
- KHABUR, VLADIMIR. [Peacetime; a novel] *Mirnoe vremia*; roman. 2., izd. Dushanbe, Izd-vo "Irifon," 1966. 340 p.
- KHAMZAEV, MASHAN, REDZHEP BERDYEV, and SAPAR KURENOV. [The Turkmen language; grammar and spelling for grade 4] *Turkmen dili; grammatika vo durs lazuv 4-nzhi klas uchiln. Uchunzhi neshir*. Ashgabat, Turkmenistan neshiriaty, 1965. 138 p. [In Turkmen]
- KHIRSTOFOROV, E. R. A. M. Gor'kii [Leningrad] Leningrad, 1965. 10 p. (Uzinki Petroplavovskoi Piestisti)
- KIRII, A. A. [Takeoff, a novel] *Vzlet*, roman. [Krasnodar. Krasnodarskoe knizhnoe izd-vo, 1961] 337 p. (NNC)
- KLIUCHYNA, P. I. U. [Fly at an airplane, verse, fables, parables, epigrams] *Mukha na passazhe, virsthi, bity, parodii, ephigamy*. Kyiv, Dnipro, 1965. 193 p. (IU)
- KNEBEL, FLETCHER, and CHARLES BAILEY. [Seven days in May. Translated from the English] *Sem' dnei v mae; roman*. P. edist. A. M. Shevchenko. Moskva, Voen. izd-vo M-Va oborony SSSR, 1964 349 p. (CU)
- KOBENOV, NURMILASHI. [The first book, verse. Parvati kniga, stikhi]. Alma-Ata, Kazgostizdat [1964]. 41 p. [In Kazakh] (MB)
- KOBZEV, I. I. [Encounter with a song; verse and a poem] *Vstrecha s pesnei, stikhi i poema*. Moskva, Sovetskaya Rossiia, 1965. 159 p.
- KOCHURA, P. F. [Fires of youth; stories, a tale] *Yelni iunosti, opovidaniia, povest'*. Kyiv, Dnipro, 1965 291 p. (IU)
- KOL'TSOV, A. V. [Works] *Sochineniia*. Moskva, Sovetskaya Rossiia, 1961. 2 v. (NBC) (TxU)
- KOPTIAEVA, A. D. [Gift of the land, a novel] *Dar Zemli; roman*. [Moskva] Molodiia gvardiia, 1965. 516 p.
- KORCHAK, L. [The story of one life, a tale] *Istoriia odnogo zhytiia; povest'*. Bound Book, N.J., 1956. 31 p. (NSyU)
- KORELIAKOV, A. A. [Young fellow from the dormitory] *Parenok iz obshchezhiitiia*. [Krasnyi] Verkhne-Volzhskoe knizhnoe izd-vo, 1964. 126 p. (NIC)
- KORNICHUK, OLEKSANDR. [Plays] *P'iesy*. [Kyiv, Dnipro, 1966] 548 p. (CaOTU)
- KOROLENKO, V. G. [History of my contemporary] *Istoriia mogo sovremennika*. Moskva, Khudozhestvennaya literatura, 1965. 1053 p.
- KOROLEV, N. I. [Nepali language] *Jazyk Nepali*. Moskva, Nauka, 1965. 151 p. (Jazyki narodov Azii i Afriki)
- KOROLEVICH, O. D. [Golgotha; a novel] *Golgofa*; roman. Kishinev, Karla moldoveneske, 1962. 361 p. [Published under his pseud. Les' Gomin] (NNC)
- KOSTENKO, V. K. [Paths to the Kobzar] *Stezhky do Kobzaria*. Kyiv, Radians'ka shkola, 1964. 69 p. (CaOTU)
- KOVUSOV, ANNA. [Golden barks] *Altyn depeler*. Ashgabat, Turkmenistan neshiriaty, 1965. 189 p. [In Turkmen]
- KOZHEVNIKOV, V. M. [Shield and sword, a novel. Continuation. To be concluded] *Shchit i mech; roman. Prodolzheniie*. Moskva, Khudozhestvennaya literatura, 1963. 87 p. (Roman-gazeta, no. 21(345))
- KRASAVITSKAIA, M. P. [If you called yourself brave...] *Esli ty nazvalis' smelyim...* [Moskva] Molodiia gvardiia, 1965. 141 p.
- KRASOVSKII, A. S. [The young sea, verse] *More molodo; stikhi*. Kiev, Motod', 1965. 102 p. (NIC)
- KRON, A. A. [Home and ship; a novel. Conclusion] *Dom i korabi'; roman. Okonchanie*. Moskva, Khudozhestvennaya literatura, 1965. 100 p. (Roman-gazeta, no. 18(342))
- KUBRIKOVA, E. S. [What word for motion is] *Chito takoe slovoobra/ovanie*. Moskva, Nauka, 1965. 76 p.
- KUMAKHOV, MUKHADIN. [Morphology of the Adyge languages, synchronic-diachronic characteristics] *Morfologiya adygsikh iazykov, sinkhronno-diaxronnaya kharakteristika*. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo. Vol. 1. [Introduction, word structure, word formation of the parts of speech] *Vvedenie, struktura slova, slovoobra/ovanie chastei rechi*. 1964. 1 v. (MH)
- KUSTOV, P. P. [Springs, lyrics] *Rodniki, lirika*. Moskva, Khudozhestvennaya literatura, 1965. 181 p. (MH)
- KUZ'MINA, L. A. [With and without a cross, a tale] *S krestom i bez kresta, povest'*. Tashkent, Esh' gaidia, 1965. 105 p.
- LACHS, VILIS [Stony path; a novel. Authorized translation from the Latvian] *Kamenisty put'; roman*. Riga, Liteima, 1965 280 p.
- LAKYZA, M. A. [Ivan Le, his life and works] *Ivan Le, zhytiia i tvorchist'*. Kyiv, Dnipro, 1965. 175 p.
- LANCRANJAN, ION. [Rain at midnight. Translated from the Rumanian] *Dozhd' v polnoch'*. [Bucharest, Red. "Narednata Rumyniia"] 1965. 48 p. (Biblioteka "Narednata Rumyniia," no. 2)
- LATVIJAS PADOMJU SOCIALISTIKAS REPUBLIKAS ZINATNU AKADEMIJA. *Vardas un literaturs instituts*. [Jande Sudrabskals; a bibliography] *Janis Sudrabskals, bibliografija*. Riga, Latvijas PSR, Zinatnu akad. izdevnieciba, 1964. 391 p. [In Latvian] (MH)
- LEBEDEV, A. A. [Antonio Gramsci on culture and art; the ideas and themes of the "Letters from prison." Essays] *Antonio Gramsci o kul'ture i iskusstve; idei i temy "Tjurmsnykh listad"*. Ocherki. Moskva, Iskusstvo, 1965. 180 p.
- LEDZHINOV, TSEREN. [Song of two times; verse and a poem. Translated from the Kalmyk] *Pesnia dvukh vremen, stikhi i poema*. Elieta, Kalmytskoe gos. izd-vo, 1964 161 p. (MH)
- LEONIDZE, G. N. [Verse and poems. Translated from the Georgian] *Stikhi i poemy*. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 482 p. (NNC)
- LEONOV, L. M. [The thief; a novel] *Vor; roman*. [Moskva] Mosk. rabochii, 1965. 578 p. (CLU)
- LEONOV, S. R. [Know your neighbor; a novel] *Poznai blizhnego*, roman. Moskva, Sovetskaya Rossiia, 1964. 277 p. (CaOTU)
- LEONOV, S. R. [Youth; a novel] *Molodost'*; roman. [Moskva] Mosk. rabochii, 1964. 710 p. (CaOTU) (KU) (MIU) (NNC)
- LEONT'EV, A. N. [The last radiogram; a tale] *Posledniia radiogramma, povest'*. [Moskva] Molodiia gvardiia, 1965. 140 p. (Choet', otvaga, muzhestvo)
- LEVYTS'KYI, IVAN. [Collected works in ten volumes] *Zibrannia tvoriv u desiaty tomakh*. Kyiv, Naukova, dumka. Vol. 2. [Prose works] *Prozovi tvory*. 1965. 386 p. Vol. 3. [Prose works] *Prozovi tvory*. 1965. 443 p.
- LEVYTS'KYI, IVAN. [Cunning old fox from Athens] *Afon's'kiy prodyavit*. Kyiv, Dnipro, 1965. 102 p. (IU)
- LEZHAVA, GEORGE. [Verse, stikhi, Tbilisi, Sabchota Sakartvelo] 1964. 81 p. [In Georgian] (MH)
- [LIBRARY OF FANTASY AND TRAVELS IN FIVE VOLUMES; supplement to the periodical "Sel'skaya molodezh"] *"Biblioteka fantastiki i puteshestvii v plati tomak; prilozhenie k zhurnaln "Sel'skaya molodezh"*. Moskva, Molodiia gvardiia. Vol. 1. *Gromova, A., and others*, 1965. 428 p.

[LIBRARY OF THE WORKS OF SOVIET WRITERS IN FIVE VOLUMES, supplement to the periodical "Sovetskaya molodezh"] Biblioteka proizvedenii sovetskikh pisatelei v piati tomakh, prilozhenie k zhurnalu "Sovetskaya molodezh", Moskva, Molodaya gvardia.

Vol. 2, Gagarin, Iu. A., and others. [Heroes of the Soviet Union, pages from their lives] Geroi Sovetskogo Soyuza, stranitsy iz zhizni. 1964. 318 p.

LIUDOVIKOV, O. M. [I look into your eyes, verse] V glaz' smotriu, stikhi [Kirov] Volgo-Viatskoe knizhnoe izd-vo, 1964. 62 p. (NIC)

[THE LIVING MEMORY OF GENERATIONS the Great Patriotic War in Soviet literature] Zhivaya pamiat' pokolenii Velikaya Otechestvennaya volna v sovetskoi literature, slozhni statii. Moskva, Khudozhestvennaya literatura, 1965. 357 p.

LOTIANU, EMIL [Rhythms] Ritmur' Kishineu, Kartia moldovenaske, 1965. 105 p. [In Moldavian]

LOZOVYI, VASYL', pseud. [What the Polesya forest rustled about, a tale in stories] O chem shumol poleskii bor, povest' v rasskazykh. Moskva, Sovetskii pisatel', 190 p. (NN)

LUGIN, S. L. [Welcome or, no trespassing, a motion-picture comedy] Dobro pozhalovat', ili posloronimiyehod vospreshtchen'. kinokomedii. Moskva, Iskusstvo, 1964. 68 p. (IU)

LVOV. UNIVERSITY. [Problems of syntax, works of the interuniversity conference on syntax, Lvov, January 25-28, 1962] Problemy syntaksysu, pratsi mizhivuzivskoi naukovoi konferentsii z pytan' syntaksysu, L'viv, 25-28 sichenia 1962 r. [L'viv] Vyd-vo L'vivskoho univ., 1963. 131 p. ("Prisvachuiet'sia v mizhnarodnomu z'lydovi slavistiv") (NN)

LYTVYNNENKO, H. M. [Creative work in the 9th-11th grades of secondary school, an aid to teachers of Ukrainian language and literature] Tvorchii raboty v 9-11 klasakh serednoi shkoly, na dopomohu vchyteliam ukrains'koi movy i literatury. Kyiv, Radians'ka shkola, 1964. 69 p. (CIY)

MAKOGONENKO, G. P. [A. N. Radishev, a biography. A student text] A. N. Radishchev, biografiia. Posobie dlia uchashchikhsia. Moskva, Prosveshchenie, 1965. 150 p. (Biografiia pisatelei)

MAKOVEI, OSEP [Adventures of a sparrow] Pryhody horobchyka. New York, Hovetia, 1960. 39 p. illus. (Ditcha biblioteka, no 13(192)) (Cot)

MALYSHKO, ANDRII. [Distant orbits] Daleki orbity Kyiv, Dnipro, 1965. 350 p. (CaOTU)

MANDRYKA, M. T. [Sunflower] Sontsetsvit. Winnipeg [Trident Press Ltd.] 1965. 128 p. (Ili Poetiz, Vol. 4) (CaOTU)

MAR'ENKOV, E. M. [Alesha Bobrov's childhood, a tale] Detsvo Aleshi Bobrova, povest' [Moskva, Moskovskii rabochii, 1964] 470 p. (NIC)

MARICH, M. D. [Northern lights; an historical novel] Sovnooe silanie; istoricheskii roman. Kishinev, Kartia moldovenaske, 1965. 799 p.

MAROV, S. N. [Raven of the Yukon, a novel] Iukonskii voron, roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 238 p. (NNC)

MARSHAK, S. I. A. [At the beginning of life; pages of reminiscences] Vnachale zhizni, stranitsy vospominanii. Moskva, Sovetskii pisatel', 1961. 298 p. (taU)

MARSHAK, S. I. A. [From one to ten, a merry count] Ot odnogo do desiaty, veselyi schet. Moskva, Gos. izd-vo detskoi lit-ry [1962] 19 p. (Shkol'naia biblioteka dlia nerusskikh shkol) (NeD)

MARTIANOV, S. N. [Patrols listen to the silence, stories] Dozory slushali tishinu, rasskazy. Alma-Ata, Zhazushy, 1965. 320 p.

MASLOV, I. V. [The good and the wicked, stories] Dobrye i zlye, rasskazy. Iaroslavl', Veikho-Volzhskoe knizhnoe izd-vo, 1964. 54 p. (IU) (NIC)

MELESHKO, FOTI. [Along three roads, a dramatic sketch] Tr'oma shliakhami, dramatychnyi narys. London, Ukraina'ska vydavnycha Spilka, 1964. 24 p.

METEL'SKYI, ROMAN. [Truth through the darkness, verse] Pravda kriz' p'it'mu, poezii. Passaic, N. J. [1964] 128 p. (CIY)

MYASTKIV'SKYI, A. P. [The month of September, a novel] Misiat's veresen', roman. Kyiv, Molod', 1965. 284 p. (IU) (NN)

MIKHAILOV, M. L. [Adam Adamyeh, tales and stories] Adam Adamyeh, povesti i rasskazy. Moskva, Khudozhestvennaya literatura, 1965. 301 p.

MIKHAILOVSKII, N. G. [From a family chronicle. Engineers] Iz semeinoi khroniki. Inzheneriy Posleal, I. Iudin. Moskva, Khudozh. lit-ry, 1964. 2 v. (CSI)

MOLDAVSKII, D. M. [Nikolai Aseev] Moskva, Khudozhestvennaya literatura, 1965. 150 p.

MOLOSTNOV, G. M. [Granting life, a novel] Daruita zhizn', roman [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1964. 328 p. (NNC)

MONTVILA, VITAUTAS. [Where where the sun is. Translated from the Lithuanian] Tada, gde solntse. Vintus, Vaga, 1965. 102 p.

MOROZOVA, V. A. [Stories about Zemlacheke] Rasskazy o Zemlacheke. Moskva, Detskaya literatura, 1965. 133 p. (Dlia srednei i starshago vozrasta)

MOSCOW. AKADEMIJA OISHCHES'TVENNYKH NAUK. [Party character, the times, and the artist] Partinost', vremena, khudozhnik. Moskva, Mysl', 1965. 284 p.

MOSHIKOV, I. V. [Flowers on a window sill] Tsvety na podokonnike Iaroslavl', Verkhne-Volzhskoe knizhnoe izd-vo, 1965. 78 p. (NIC)

MOSKALENKO, A. A. [Basic stages of the development of Ukrainian, an aid on methods] Osnovni etapy rozvytku ukrains'koi movy, uchbovo-metodychnyi posibnyk. [Kyiv] Vyd-vo Kyivskoho univ., 1964. 104 p. (NN)

MOZOL'KOV, E. S. [Singing earth] Polushchala zemlia. Moskva, Sovetskii pisatel', 1965. 385 p. (NeU)

MURATOV, N. G. [One for all, a novel] Odin za vsekhi; roman [Moskva] Molodnaya gvardia, 1964. 588 p. (KU)

MYRNYI, PANAS. [Wicked people, a tale] Lykhi ludy; povist'. Kyiv, Molod', 1963. 98 p. (IU)

MYSHCHYEV, MAGTYMGULY. [I love the steppe] Men sekhiany sollarin. Ashgabat, Turkmeneshir, 1964. 93 p. [In Turkmen]

NAGAIEV, G. D. [An Oka River true tale, a novel] Priokskaya byl', roman. Izd. 3 [Moskva] Mosk rabochii, 1960. 438 p. (NNC)

NAGISHKIN, D. D. [Aloga, a Nanni tale] Aloga; nanaiskaia skazka. Moskva, Gos. izd-vo detskoi lit-ry, 1962. 16 p. (Shkol'naia biblioteka dlia nerusskikh shkol) (MIDW)

NAM, CAO. [Waiting, a tale and stories. Translated from the Vietnamese] Ozhidanie, povesti i rasskazy. Moskva, Izd-vo Khudozh. lit-ry, 1963. 181 p. (Proza zarubezhnogo Vostoka) (NNC)

NASIFI, SAHDO. [Dakhoriel. Dushanbe, Ifon, 1965] 23 p. [In Tajik]

NEMCHENKO, G. I. [Scorchka, veteran of Antonov Square] Scorchka, Antonovskii veteran. [Kemerovo, Kemerovskoe knizhnoe izd-vo, 1965] 87 p. (Kemerovskii Istoricheskii)

NONESVILI, IOSIF. [Verse, 1930-1961, SHIL, 1930-1961. Tbilisi, Sabkhta Sakartvelo] 1961. 114 p. [In Georgian] (MI)

NOSOV, F. I. [A house beyond the triumphal arch; stories] Dom za triumfal'noi arkoi, knizhnye rasskazy [Kursk, Kurskoe knizhnoe izd-vo] 1963. 79 p. (NIC)

NOSOV, N. N. [Two friends] Dva druga. [Moskva] Molodnaya gvardia, 1962. 252 p. (MIU)

NOVAK, T. F. [The duel, a documentary tale. An old tale] Amol' Stas'. Polodnyok, dokumental'na povist' I. Ustia turnyi zapys Anatolia Stasia. L'viv [L'vivska knyzhynna va di ukarna] 1964. (CaOTU)

OLESHA, I. K. [Tales and stories] Povesti i rasskazy. Moskva, Khudozhestvennaya literatura, 1965. 560 p.

ORLOV, V. A. [Spain, verse] Peregony, stikhi. Kait, Pitokskoe knizhnoe izd-vo, 1964. 46 p. (NIC)

OSTROVSKII, N. A. [How the steel was tempered] Kak zakalalan stal', Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 373 p. (Biblioteka sovetskogo romana) (NJR)

OSTROVSKII, N. A. [Works] Tvery. Kyiv, Molod', 1964. 930 p. (NN)

PANCHENKO, VOLODYMYR. [For one's whole life] Na vse zhytla. Uzhhorod, Karpaty, 1965. 85 p. (CaOTU)

PAS'KO, S., comp. [On the roads of war] Dostajet volny. Kishinev, Kartia moldovenaske, 1961. 282 p. (IU)

PATERNOST, JOSEPH, comp. Russian-English glossary of linguistic terms. The Pennsylvania State University, [c 1965] 230 p.

[PATHS OF FREEDOM, writers' stories. Translations] Puti svobody; rasskazy pisatelei. Moskva, Khudozhestvennaya literatura, 1964. 542 p. (NNC)

PAVLOVICH, A. I. [Collection of training exercises and tests on the historical grammar of the Russian language] Sbornik trebiavochnykh uprazhnenii i kontrolynykh zadaniy po istoricheskoi grammatike russkogoazyka. Moskva, Gos. uchebno-pedagog. izd-vo, 1972. 85 p. (RPI)

PERMITIN, E. N. [Three generations, selected works about youth. The tales; Friends, Claws The novel, Vernal streams] Tri pokolenia, izbrannoe o mladozhli. Povesti Druz'ia, Kopti. Roman: Ruch'i verashio. [Moskva] Mosk. rabochii, 1965. 757 p.

PETLOVANYI, V. I. [It's really spring! A novel] Tasse zh verna! Roman. Kyiv, Dnipro. Book 2. 1965. 1 v. (NN)

PIATKOV, G. I. [Handshake; verse] Rukopozhiti; stikhi. [Moskva] Molodnaya gvardia, 1964. 95 p. (NNC)

[PLAYS FOR AMATEUR THEATRICALS] P'esy dlia samodelat'noho. [Moskva] Profizdat, 1961. 152 p. (NNC)

POLEVOI, B. N. [A tale about a true man] Povist' pro spravzhniu ludyu. Kyiv, Molod', 1965. 325 p. (Biblioteka khudozhniky tvoriv dlia pidlikiv ta iunatstva) (NN)

POLTORATSKII, V. V. [A variety of flowers, verse of various years] Raznolavet'e, stikhi raznykh let. [Moskva] Moskovskii rabochii, 1965. 134 p.

- POPOVYCH, D. I., and K. I. PASICHNYI, comps. [Concise Church-Slavic-Ukrainian-English dictionary] *Malyy tserkovno-slovians'ko-ukrains'ko-angliys'kyi slovnyk*. Rome, Vyd-vo oo. Vasylian, 1962. xvi, 114 p.
(CoU)
- PORTUONDO, JOSÉ ANTONIO. [Historical sketch of Cuban literature. Translated from the Spanish] *Istoričeskii očerky kubinskoj literatury*. Moskva, Izd-vo Inostr. lit-ry, 1961. 153 p.
(NNC)
- PUMPIANSKII, A. L. [Manual on the translation of scientific and technical literature into English] *Posobie po perevodu nauchnoi i tekhnicheskoi literatury na angliiskiiazyk*. Moskva, Nauka, 1965. 541 p.
- PYVOVOROV, N. P. [Science fiction and reality] *Fantastyka i real'nost'*. Kyiv, Radians'kyi pys'mennyk, 1960. 181 p.
(NNC)
- RACHUK, I. A. [Poetics of Dovzhenko] *Poetika Dovzhenko*. Moskva, Iskusstvo, 1964. 157 p.
(MH)
- RASHIDOV, SHARAF. [Kashmir song, a legend. Translated from the Uzbek] *Kashmirskaya pesnia, legendy*. Moskva, Sovetskii pisatel', 1959. 49 p.
(U)
- RAZAKASHVILI, LUKA. [Verse and poems. Translated from the Georgian] *Stikhi i poemy*. Tbilisi, Zaria Vostoka, 1961. 2 v. [Publ. under his pseud. Vazha Pashayeli].
(NNC)
- ROSIN, SAMUIL. [Selected works, verse. Translated from the Yiddish] *Izbrannoe; stikhi*. Moskva, Sovetskii pisatel', 1958. 132 p.
(NNC)
- RUPISOV, GEORGII. [Fate or, the force of the inevitable; a quadriptych, a play in four acts] *Sud'ba, ili sila sversheniya, kvadriptykh - p'esa v chetyrekh deystviakh*. Paris [Presses du Temps] 1963. 207 p.
(U)
- RUD', M. D. [And she did not say "I love" (The kestrel, a novel)] *I ne skazala lyubliu (Boryviter)*, roman. Kyiv, Dnipro, 1964. 307 p.
(U) (NeU)
- RUMMO, PAUL. [Diary of a vacationer; poems. Translated from the Estonian] *Dnevnik otpuschnika; poemy*. Moskva, Sovetskii pisatel', 1964. 59 p.
- RUSSIAN-ENGLISH, ENGLISH-RUSSIAN DICTIONARY. Edited by O. S. Akhmanova, B. I. Zhurav, Otenheimer Publishers, Inc., c 1960. 569 p.
- [RUSSIAN FOR FOREIGN STUDENTS, collection of methodological articles dedicated to work on belles lettres texts] *Roskii iazyk dlia studentov-Inostranstev; sbornik metodicheskikh statei, posvyashchennykh rabote nad tekstom proizvedenii khudozhestvennoi literatury*. Moskva, Vysshiaia shkola, 1964. 213 p.
(RPB)
- RYL'S'KYI, MAKSYM. [Sparks of the great fire; poetry] *Izry volnu volkovo, poezii*. Kyiv, Radians'kyi pys'mennyk, 1965. 205 p.
(CoU)
- RZHANOV, V. T. [Entip; a drama in 4 acts, 11 scenes. Authorized translation from the Chuvash] *Entip; drama v 4 deystviakh, 11 karinakh*. Chuvashskoe knizhnoe izd-vo, 1964. 88 p.
(U) (NNC)
- SATONOV, M. A. [Nothing will happen to me] *So mnoi nichego ne sluchitsia*. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1965. 123 p. (Kuzbass literaturnyi)
- SAPRONOV, L. L. [Spring is coming, stories and a tale] *Delo k vesne; rasskazy i povest'*. Moskva, Sovetskii pisatel', 1965. 253 p.
(U)
- SARANSK, NAUCHNO-ISSLEDOVATELSKII INSTITUT IAZYKA, LITERATURY, ISTORII I EKONOMIKI. [Russian writers on the Mordvinian people] *Russkie pisateli o mordovskom narode*. Saransk, Mordovskoe knizhnoe izd-vo, 1957. 129 p.
(NN)
- SARYBAEV, KANYBEK. [Verse] *Stikhi*. Alma-Ata, Kazgostizdat' 1964. 32 p. (Pervaya kniga) [In Kazakh]
(MH)
- SAVEL'EVA, L. V. [Gujarati language] *Iazyk gudzharrati*. Moskva, Nauka, 1965. 69 p. (Iazyki narodov Azii i Afriki)
- SAVINOV, EVGENII. [Verse] *Stikhi*. [Iaroslavl'] *Iaroslavskoe knizhnoe izd-vo*, 1963. 238 p.
(U)
- SEDOV, GENNADI. [Two summery weeks, in a small city, tales] *Dve letnie nedeli, v malen'kom gorode, povesti*. Tashkent, Esh gvardia, 1965. 151 p.
- SEIDBEILI, G. M. [From battle to battle, a tale Translated from the Azerbaijani] *Iz boia v boi, povest'*. Baku, Azerbaidzhanskoe gos. izd-vo, 1965. 197 p.
- SEILZHANOVA, GULSIM. [Verse. Stikhi. Alma-Ata, Kazgostizdat' 1964. 41 p. (Pervaya kniga) [In Kazakh]
(MH)
- SEMAKIN, V. K. [Lyric verse] *Lirika*. [Moskva] *Moskovskii rabochii*, 1965. 166 p.
- SEMIN, V. N. [Little swallow, little star, a tale] *Lastochka-zvezdochka, povest'*. Moskva, Sovetskii pisatel', 1965. 320 p.
(U) (MH)
- SEMUSHKIN, T. Z. [Altet goes away into the mountains, a novel] *Altet ukhodit v gory*, roman. Moskva, Khudozhestvennaia literatura, 1965. 598 p. (Biblioteka sovetskoi prozy)
(U)
- SERAFIMOVA, M. A. [Conversational formulas, aid for pedagogical institutes] *Razgovornye formuly, posobie dlia pedagogicheskikh institutov*. Izd. 2, ispr. Moskva, Prosveshchenie, 1965. 117 p. (Razgovornyi angliiskii iazyk)
(NIC)
- SERGEYEV, M. D. [I'll make you a gift of a city] *Podarju tebe gorod*. [Irkutsk] *Vostochno-Sibirskoe knizhnoe izd-vo*, 1964. 99 p.
(U)
- SHAGINIAN, M. S. ["The First All-Russian Exhibition", a chronicle novel] *"Pervaya Vserossiiskaya", roman-khronika*. [Moskva] *Molodaa gvardia*, 1965. 364 p.
- SHALAMBERIDZE, OTAR. [My devotee, verse. Authorized translation from the Georgian] *Moia golubnitsa, stikhi*. Moskva, Sovetskii pisatel', 1965. 80 p.
(U) (MH)
- SHAMOV, I. V. [Always in flight; verse] *Vsegda v polete*; stikhi. Moskva, Voenizdat, 1964. 94 p.
(NIC)
- SHANKOVSKYI, IMOR. [April tribute, a collection of poetry] *Kvitneva dan', zbirka poezii*. Munich, Dniprova khvilia, 1958. 114 p.
(MH)
- SHARIPOV, A. SH. [Daughter of the partisan; a tale. Authorized translation from the Kazakh] *Doch' partizana; povest'*. [Izd. 2.] Alma-Ata, Izd-vo "Zhazushy", 1965. 234 p. (K 20-letiiu velikoi pobedy sovetskogo naroda nad fashistskoi Germaniiei)
- SHCHIPACHEV, S. P. [I have a good trip] *V dobryi put'* [Moskva] *Molodaa gvardia*, 1961. 95 p. (Sovetskoe pisatel'-dellam)
(NNC)
- SHENSHIN, A. A. [Verse] *Stikhotvorenia*. Vstup. stat'ia, podgotovka teksta i primechania P. P. Gromova. Leningrad, Sovetskii pisatel', 1963. 549 p. (Biblioteka poeta. Malina serlia, izd. 3) [Published under his pseud. A. A. Fel]
(CoU)
- SHIEVCHENKO, T. H. [Collected works] *Sobranie sochinenii*. Pod red. A. I. Deleha, M. Ryl'skogo, N. Tikhonova. Moskva, Khudozhestvennaia literatura Vols. 1-3. 1964-1965. 3 v.
(MH)
- SHIEVTSOV, N. I. [Attempt at authority] *Pokusheniie na avtoritet*. Alma-Ata, Zhazushy, 1965. 214 p.
- SHIRIAEVA, M. V., and V. I. TIMOFEEV. [To the greatness of the exploit of Nikolai Ostrovskii, a handbook for students] *Vetichne podviga Nikolai Ostrovskogo, posobie dlia uchashchikhsia*. Moskva, Prosveshchenie, 1964. 173 p.
(NIC)
- SHIMADA, MYKHAILO. [The Lemki, a novel] *Lemki, roman*. Prešov, Slovats'ke pedagog. vyd-vo, Viddil ukrains'kol lit-ry Book 1 [The innkeeper's servant] *Korchmar'skyi sluha*. 1964. 282 p.
- SHMERLING, V. G. [The little daughter, a tale] *Dochka; povest'*. Moskva, Detskaya literatura, 1965. 255 p. (Dla srednego i starshego vozrasta)
- SHOLOKHOV, M. A. [And quiet flows the Don, a novel] *Tikhii Don, roman*. [Rostov-na-Donu] *Rostizdat*, 1965. 2 v.
- SHU, CHING-CH'UN. [The last coin, stories, Translated from the Chinese] *Posledniaia moneta, rasskazy*. Moskva, Nauka, 1965. 117 p. [Publ. under his pseud. Lao She]
- SHUNDIK, N. E. [Spring by the black, a novel] *Rodnik u berezy, roman*. [Moskva] *Mosk. rabochii*, 1964. 413 p.
(NNC)
- SINIAUSKI, I. I. [River, dear river, stories] *Oi rechan'ka, rechan'ka, apavindanti*. Minsk, Detsarz vyd-va BSSR, 1962. 108 p.
(U)
- SKALOZUB, L. G. [Palatograms and roentgenograms of the consonant phonemes of literary Russian] *Palatogrammy i rentgenogrammy soglasnykh fonem russkogo literaturnogo iazyka*. [Kiev] *Izd-vo Kievskogo univ.*, 1963. 144 p. illus. plates (Raboty laboratorii eksperimental'noi fonetiki, no 3)
(CoU)
- SKOWRONSKI, ZDZISLAW, and J. SLOTWINSKI. [Potato without salt, a comedy in three acts. Translated from the Polish] *Kartofelka bez soli; komedii v trekh deystviakh*. Leningrad, Iskusstvo, 1961. 94 p.
(NNC)
- [SMALL LIBRARY OF SELECTED LYRICS] *Biblioteka izbrannoi liriki*. [Moskva] *Molodaa gvardia*, 1965. 45 p.
- SMELIAKOV, I. A. V. [Work and love] *Rabota i ljubov'*. 2. dop. izd. [Moskva] *Molodaa gvardia*, 1963. 317 p.
(NNC)
- SNEGIN, D. F. [Selected works in two volumes] *Izbrannoe v dvukh tomakh*. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1964. 2 v. (?)
(NNC)
- SOFRONOV, L. S. [All of us were boys; a tale] *Vse my byli mal'chishkami; povest'*. [Moskva] *Molodaa gvardia*, 1965. 192 p.
(U) (MH) (NIC)
- SOKOLOV, B. N. [We shall meet again, Colonel Krebs! An Abkhazian tale] *My eshche vstretnimsia, polkovnik Krebs! Abkhazskai povest'*. [Volga?] Severo-Zapadnoe knizhnoe izd-vo, 1964. 247 p.
(NNC)
- SOKOLOV-MIKHOTOV, I. S. [Across the seas and the forests; tales, stories, records of old times and recollections] *Po moriam i lesam, povesti, rasskazy, zapiski davnikh let, vospominaniia*. [Leningrad, Sovetskii pisatel', 1964] 610 p.
(NIC)
- SOLOV'EV, V. S. [The exile (continuation of the novels "Sergei Gorbakov", "Volatran", and "Old house") in two parts] *Izgnannik (Prodolzhenie romanov "Sergei Gorbakov", "Vol'ter' i Ineta" i "Staryi dom") v dvukh chastakh*. Washington, D. C., Izd-vo knizhnogo magazina Victor Kamkin, Inc. Pt. 2. 1964. 243 p.

- SOLOV'EV, V.S. [The last of the Gorbatoys (Continuation of the novels "Sergei Gorbatoev," "Voltairean," "Old house" and "The exile"), in two parts] Poslednie Gorbatoevy (Prodolzhenie romano "Sergei Gorbatoev," "Voltaireants," "Staryi dom" i "Izgnannik"), v dvukh chastyakh. Washington, D.C., Izd-vo knizhnogo magazina Victor Kankin, Inc., 1964. 2 v.
- SOLTANMAGDOV, MERDY. [The Sumbar flows along, a novel. Translated from the Turkmen] Sumbar tochot, roman. Ashkhabad, Izd-vo "Turkmenistan," 1965. 181 p.
- SOVESHCHANIYE PO TIPOLOGII VOSTOCHNYKH IAZYKOV, Moscow, 1963. [Linguistic typology and the Oriental languages, materials of the Conference] Lingvisticheskaya tipologiya i vostochnye yazyki, materialy soveshchaniya. Moskva, Nauka, 1965. 311 p.
- STARSHINOV, E. F. [River valley] Porech'ye, (Aroskavi), Verkhne-Volzhskoe knizhnoe izd-vo, 1964. 61 p. (IU)
- STEL'MAKH, M. P. [Justice and Injustice, a drama in 3 acts, 11 scenes, with a prologue and epilogue] Pravda i kryvda, drama na 3 dil, 11 karlyn, z prologom ta epilogom. Kyiv, Dnipro, 1965. 126 p. (CaOTU)
- STEFANYSHYN, B. I. [Independent work of students during the study of Ukrainian literature in grades 9-11] samostinna robotu uchuv pryvychnennii ukrainskoj literatury v 9-11 klasakh. Kyiv, Radians'ka shkola, 1963. 111 p. (CTy)
- [STORIES OF SOVIET WRITERS] Rasskazy sovetskikh pisatelei. Moskva, Progress (1965 ?) 191 p. [Parallel texts in Russian and English] (MIU)
- [STORIES OF TURKISH WRITERS] Translated from the Turkish] Oposidanna turets'kikh p's'mennykh. Kyiv, Radians'kiy p's'mennyk, 1955. 289 p. (IU)
- SUDRABKALNS, JANIS. [Verse. Translated from the Latvian] Stikhi. Moskva, Gos. izd-vo khudozh. lit-ry, 1957. 285 p. (Biblioteka sovetskoi poezii) (NNC)
- SVETLOV, M. A. [Hunting cottage, a book of new verse] O hotimskii domik, kniga novykh stikhov. [Moskva, Sovetskii pisatel', 1964] 103 p. (IU) (MH)
- SYDYKBEKOV, TUGEL'BAI. [Temir, a novel. Translated from the Kirghiz] Temir, roman. Moskva, Sovetskii pisatel', 1965. 210 p. (IU) (NNC)
- SYNHAIRS'KYI, M. F. [Cluster, verse] Hrono, poezii Kyiv, Molod', 1962. 99 p. (NN)
- TANK, MAKSEM, pseud. [Verse and poems] Stikhotvoreniia i poemy. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 287 p. (NN)
- TERESHCHENKO, MYKOLA. [Human heart, a new lyrical circle] Serets huda'ke, nove lirichne kolo. Kyiv, Radians'kiy p's'mennyk, 1962. 66 p. (CTy)
- TOBOL'SKII, I. G. [Journey to the rainbow] Puteshestvie k raduge. [Saratov] Privolzhskoe knizhnoe izd-vo, 1964. 143 p. (IU)
- TOLSTOI, L. N. [Childhood; a tale] Detsiyo, povest'. Moskva, Gos. izd-vo detskoi lit-ry, 1954. 126 p. (Shkol'naya biblioteka) (OU)
- TORGOMIAN, TESRUN. [Beloved strings; stories. Translated from the Armenian] Rodnye struny; rasskazy. Tbilisi, Zaria Vostoka, 1961. 166 p. (NNC)
- TRET'IAKOV, I. P. [At first there was blood...; stories] Sperva byla krov'..., rasskazy. Baku, Azerbaidzhanское gos. izd-vo, 1965. 151 p.
- TSELKOVA, A. V. [Soviet Russian literature; a handbook for courses on preparation for schools of higher education] Russkaya sovetskaya literatura; posobie dlia kursov po podgotovke v vuz. Izd. 3. Moskva, Vysshaya shkola, 1964. 171 p. (KU)
- TSYBA, M. E. [Shameless woman] Besстыzhala. Odessa, Mirt, 1965. 162 p.
- TUGUTOV, I. E. [On the four winds, a chronicle novel] Na chetyrekh vetrakh, roman-khronika. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1965. 450 p.
- TURGENEV, I. S. [First love; tales] Pervaya liubov', povesti. Moskva, Izd-vo detskoi lit-ry, 1962. 261 p. (Shkol'naya biblioteka) (LNT)
- TURKALO, KOST'. [Torture, an autobiography from Bolshevik times] Tortury, avtobiografiia za bolshevikskiy chasiv. New York, Nasha bol'shevichyna, 1963. 202 p. (Memuina biblioteka) (NU)
- UIARAGO, pseud. [Prospectors, a novel. Translated from the Georgian] Iskateli, roman. Tbilisi, Literatura i Iskustvo, 1963. 485 p. (MI)
- USPENSKII, L. V. [Tales and stories] Povesti i rasskazy. Leningrad, Detskaya literatura, 1965. 412 p.
- VAHER, LUISE. [Story of Ennaji, a novel. Translated from the Estonian] Rasskaz Ennaji, roman. Moskva, Sovetskii pisatel', 1966. 473 p. (MI)
- VAKSMACHER, M., comp. [Flaming sky] Pylatushchee nebo [Moskva] Molodai gvardia, 1961. 173 p. (MIDW)
- VAL'TSEVA, A. V. [One day in June, stories] Iden'shim dnem, rasskazy. Moskva, Znaniye, 1964. 91 p. (IU)
- VASH, I. M. [Path to the goal] Doroia do mety. Uzhhorod, Zakarpats'ke oblasne knyzhkovno-gazetne vyd-vo, 1963. 307 p. (CLU)
- VASIL'EV, A. N. [No more questions; a novel] Voprosy bol'she net; roman. Moskva, Sovetskaya Rossiia, 1965. 238 p. (IU) (MI)
- VASIN, K. K. [A letter. Pis'mo. Ioshkar-Ola, Maritskoe knizhnoe izd-vo] 1963. 98 p. [In Mari] (MH)
- VERESOV, A. I. [Schlossburg tales] Shlossburgskie povesti. [Leningrad] Lentsiat, 1965. 332 p.
- VERGELIS, ARON, ed. [This is the way we live, documentary novelettes, sketches, reportage. Tak my zhivem, dokumental'nye novelly, ocherki, reportazh. Moskva, Sovetskaya Rodina, 1964] 485 p. [In Yiddish] (MH)
- VINOKUROV, E. M. [Characters; new verse] Kharaktery, novye stikhi. Moskva, Sovetskii pisatel', 1965. 116 p.
- VLASOV'SKYI, IVAN. [Personality of T. Shevchenko in the light of religious thought] Obraz T. Shevchenka v svitli religioznoi dumky. New York, 1961. 32 p. (NSyU)
- VOLKOV, ARSH. [The spouse; a comedy] Podruga zhizni; komedii. Ioshkar-Ola, Maritskoe knizhnoe izd-vo] 1964. 74 p. [In Mari] (MH)
- VORONEZH, UNIVERSITET. [Problems of philology and the methodology of teaching foreign languages] Voprosy filologii i metodiki prepodavaniia inostrannykh yazykov. Voronezh, 1964. 170 p. (GU) (NNC)
- VYKHRESTENKO, V. I. [I saw the sun; verse] IA videl solnse, stikhi. [Murmansk] Murmanskoe knizhnoe izd-vo, 1964. 54 p. (NIC)
- VYSHEVSKII, L. N. [Various years, verse] Raznoletie; stikhi. Moskva, Khudozhestvennaya literatura, 1964. 238 p. (NNC)
- VYSINIYA, OSTAP, pseud. [Crimean cherry smiles] Vysneme usmishky Krym'ski. New York, Ukr. vyd-vo Kyiv, 1962. 144 p. (COT)
- [WE ARE GOING OUT TO MEET LIFE] My zhivni vykhodim navstretchu [Moskva] Molodai gvardia, 1963. 110 p. (Biblioteka "Vystupatushchemu v komsomol") (IU)
- WICKRAMASINGHE, MARTIN. [The last century; a novel. Translated from the Sinhalese] Posledniy vek; roman. Moskva, Progress, 1965. 364 p.
- [WINNERS OF THE LENIN PRIZE IN 1965] Laureaty Leningol promil 1965 goda. [By] V. A. Gerasimov i dr. Moskva, Znaniye, 1965. 47 p. (Novos v zhizni, nauka, tekhnika. VI Seriya. Literatura i Iskustvo, no. 18)
- [YOUNG POETS OF CUBA, Translated from the Spanish] Molodye poety Kuby. Moskva, Molodai gvardia, 1964. 103 p. (NNC)
- [YOUTH] Molodost'. Kishinev, Kavita molodostnitski, 1964. 240 p. (NIC)
- YUAN, CHIA-HUA. [Dialects of the Chinese language. Translated from the Chinese] Dialekty kitaiskogo yazyka. Moskva, Nauka, 1965. 54 p. (IAzyki narodov Azii i Afriki)
- YUAN, K'O. [Myths of ancient China. Translated from the Chinese] Mify drevnego Kitaya. Moskva, Nauka, 1965. 495 p.
- ZAPADOV, A. V., ed. [Chreotomathy on the history of Russian journalism of the 10th century] Khronomatiia po istorii russkoi zhurnalistiki XIX veka. Moskva, Vysshaya shkola, 1965. 408 p.
- ZARTAN, NAIRI. [Mr. Petros and his ministers; a novel. Authorized translation from the Armenian] Gospodin Petros i ego ministyry; roman. Moskva, Sovetskii pisatel', 1961. 430 p. (NNC)
- ZATONSKII, D. V. [Fanny Kafka and problems of modernism] Fants Kafka i problemy modernizma. Moskva, Vysshaya shkola, 1965. 113 p. (Sovetskaya zarubezhnaya literatura)
- ZHERNAKOV, N. K. [Onashka; a Khokhlovsky legend. Onashka; Khokhlovskaya legenda. [Ashkhar'fak] Severo-Zapadnoe knizhnoe izd-vo, 1965. 63 p.
- ZHIGULEV, A. M., comp. [Russian proverbs and sayings] Russkie nashodnye poslovy i prigovorki. [Moskva] Moskovskii rabochii, 1965. 359 p.
- ZHITKOV, B. S. [Selected works] Izbrannoe. Moskva, Gos. izd-vo detskoi lit-ry, 1957. 382 p. (Shkol'naya biblioteka) (CB)
- ZNAMENSKII, A. D. [Like every one else; a novel] Kak vae; roman. [Moskva] Molodai gvardia, 1965. 263 p.
- ZUNDELOVICH, I. A. O. [Novels of Dostoevsky; artist's; Romany Dostoevskogo; stat'. Tashkent, Gub. izd-vo "Srednaya i vysshaya shkola," UzSSR, 1963. 241 p. (CTY)
- ZYRIANOV, V. E. [Liberation; a tale] Osvobodivshiesya povest'. Izd. 3. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1964. 100 p. (NNC)

12. GEOGRAPHY & GEOLOGY

- AALOE, AGO. [Survey of the stratigraphy of the Paleozoic and Quaternary deposits of the Estonian SSR, II.] Obzor stratigraphii paleozoiskikh i chetvertichnykh otlozhenii Estonskoi SSR. Pod obshtedim red. K. K. Oivika. Tallinn, Akad. nauk Estonskoi SSR, 1958. 45 p. (MIU)
- AKADEMIYA NAUK SSSR. [Kola Peninsula, a bibliography of Soviet literature, 1962] Kola polostrov; bibliografiia sovetskoi literatury (1962 god). Soat M. T. Bospalova i L. B. Petrovskaya. Apatity, 1965. 62 p.

- AKADEMIYA NAUK SSSR. *Laboratoriya geologii dokembriya*. [Regional metamorphism of Precambrian formations in the U.S.S.R.] Regional'nyy metamorfizm dokembriyskikh formatsii SSSR. Moskva, Nauka, 1965. 147 p.
- AKADEMIYA NAUK SSSR. *Otdelenie nauk o zemle*. [Continental Cretaceous deposits of Fergana] Melovye kontinental'nye otlozheniya Fergany. Moskva, Nauka, 1965. 153 p.
- AKADEMIYA NAUK SSSR. *Sibirskoe otdelenie, Gosudarstvennaya publikatsiya nauchno-tekhnicheskoy biblioteki*. [Nauchno-bibliograficheskii otdel]. [Physical properties of rocks, a bibliography, 1950-1963] Fizicheskie svoystva gornykh porod; bibliografiya 1950-1963. Novosibirsk, Akad. nauk SSSR, 1964. 512 p.
- ARSEN'EV, V. K. [Dersu Uzala, from reminiscences of a trip through the Ussuri territory in 1907] Dersu Uzala, iz vospominaniy o puteshestvii po Ussuriiskomu kraiu v 1907 g. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1965. 281 p. (Ural'skaya biblioteka. Puteshestviya, priklucheniya, fantastika)
- BAZUNOV, B. A., V. B. GANTMAN. [Clear sailing] Tri futa pod klom. Moskva, Mysl', 1965. 215 p. (Puteshestviya, priklucheniya, fantastika)
- BUTKUS, TADAS. [Get acquainted with Soviet Lithuania. Translated from the Lithuanian] Poznakomtes' s Sovetskoi Litvai. Vilnius, Mintis, 1965. 100 p. illus.
- CALEDONIAN COMPLEX OF ULTRABASIC AND ALKALINE ROCKS AND CARBONATITES OF THE KOLA PENINSULA, AND NORTHERN KARELIA, GOLA, petrology, mineralogy and geochemistry] Kaledonskii kompleks ul'traosnovnykh, shchelochnykh porod i karbonatitov Kol'skogo poluostrova i Severnoi Karelii, geologiya, petrologiya, mineralogiya i geokhimiya. (By) A. A. Kulchakov i dr. Moskva, Nedra, 1965. 772 p., maps (insert)
- CHIKHIKISHVILI, IRAKLI. [Roads and meetings, foreign sketches. Translated from the Georgian] Dorogi i vstrechi, razubezhnye ocherki. [Tbilisi, Izd-vo Sotuzna sovetskikh pisatel' Gruzii, 1964] 156 p. (CS-11)
- GROSVAL'D, M. G. [Development of the relief of the Syan-Tuva Upland, glaciations, volcanism, recent tectonics] Razvitiye rel'efa Sayano-Tuvinskogo nagor'ya, otlozheniya, vulkanizm, neotektonika. Moskva, Nauka, 1965. 164 p.
- INTERNATIONAL COMMISSION FOR THE STUDY OF CLAYS. [Papers for the meeting of the International Commission for the Study of Clays] Doklady k soboraniyu Mezhdunarodnoi komissii po izucheniyu glin. Moskva, Izd-vo Akad. nauk SSSR, 1960. 130 p. (ICRL)
- KARPATO-BALKANSKAYA GEOLOGICHESKAYA ASSOCIATION. 8. s'ezd. [Materials of the Sixth Congress of the Carpatho-Balkan Geological Association; reports of the Soviet geologists] Materialy, doklady sovetskikh geologov. Kiev, Naukova dumka, 1965. 461 p.
- KAZAN, UNIVERSITET. [Basic list of geographical names; for students of the Department of Geography] Spisok minimuma geograficheskikh nazvaniy; rukovodstvo dlya studentov geograficheskogo fakul'teta. Kazan', 1965. 53 p.
- KLEFOPOV, I. L. [I. A. Lopatin; a sketch of his life and scientific activity] I. A. Lopatin, ocherk zhizni i nauchnoi deyatelnosti. Neopublikovannyye dnevniki, pis'ma. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1964. 197 p. (Materialy k istorii geograficheskikh issledovaniy Sibiri i Dal'nego Vostoka, no. 3) (MNI)
- KOSTIANOI, M. G. [Engineering geology characteristics of the argillaceous rocks of the Kanev region (dislocations) izucheniye geologicheskoy osobennosti glinistykh porod raiona Kanovskikh dislokatsii. Kiev, Izd-vo Akad. nauk SSSR, 1963. [174] p. (CaOOO)]
- LAMAKIN, V. V. [On the shores and islands of Lake Baikal] Po beregam i ostrovam Baikala. Moskva, Nauka, 1965. 189 p. (Nauchno-popul'narnaya seriya)
- LETNIKOV, F. A. [Isobaric potentials of mineral formation (chemical affinity) and their application in geochemistry] Izobarye potentsialy obrazovaniya mineralov (khimicheskoye srodstvo) i primeneniye ikh v geokhimiya. Moskva, Nedra, 1965. 114 p.
- LITVINOVICH, N. V. [Stratigraphy and fauna of Paleozoic sediments of the Tarbagatay Mountain Range (Ordovician, Silurian, Devonian and lower Carboniferous)] Stratigrafiya i fauna paleozoiskkh otlozhenii khizha Tarbagatay (Ordovik, Silur, Devon, Nizhnii Karbon). Moskva, Izd-vo lit-ry po geol. i okhrane nedr., 1963. 471 p. 67 plates, tables (CaOOO)]
- MAGDOVICH, I. P. [History of the discovery and exploration of Central and South America] Istoriya otkrytiya i issledovaniya Tsentral'noi i Iuzhnoi Ameriki. Moskva, Mysl', 1965. 454 p. (Otkrytiye zemli)
- MARKOV, K. K., G. I. LAZUKOV, and V. A. NIKOLAEV. [Quaternary period, glacial epoch - Quaternary period] Chetvertichnyi period, lednikovyy period - antropogennyi period. [Moskva] Izd-vo Mosk. univ. Vol. 2. [Territory of the U.S.S.R.] Territoriya SSSR. 1965. 434 p. (K VII Mezhdunarodnomu kongressu Assotsiatsii po izucheniyu chetvertichnogo perioda (INKVA). SSNA, 1965.
- MEDONIS, A. Trakai. 3 papildytas leidimas. Vilnius, Mintis, 1965. 58 p. illus. [In Lithuanian]
- MIROVOI TSENTR DANNYKH MGG B. Okonchatel'nyy katalog po glatsiologii za period MGG/MGS. Final catalogue of IGY/IGC glaciological data. Moskva, 1963. 161 p. [In Russian and English] (NNC)
- MONKO, A. M. [Polish encounters] Pol'skie vstrechi. [Volgograd] Volgogradskoe knizhnoe izd-vo, 1962. 81 p. illus.
- NAULKO, V. I. [Ethnic composition of the population of the Ukrainian S.S.R.; a statistical and cartographic study] Etnichnyi sklad naselenniya Ukrainy i statistyko-kartograficheskoe dosledzhenniya. Kyiv, Naukova dumka, 1965. 134 p. maps (in pocket)
- OBROUCHIEV, S. V. [In the heart of Asia] V serdtshe Azii. Moskva, Mysl', 1965. 120 p.
- OBROUCHIEV, V. A. [Popular geology] Zanimatel'naya geologiya. Izd. 2. Moskva, Nauka, 1965. 342 p.
- [OMSK PROVINCE, its nature and economy] Omskaya oblast', priroda i khozaystvo [Omsk] Omskoe knizhnoe izd-vo, 1963. 201 p. (CS-11)
- PADOMJU LATVIA. [Soviet Latvia] Sovetskaya Latvija, Riga, Liesma, 1965. 1 v. (chiefly illus.) [Parallel texts in Latvian and Russian] ——— Soviet Latvia. 15 p. [In English and German]
- PARKHOMENKO, E. I. [Electric properties of rocks] Elektricheskie svoystva gornykh porod. Moskva, Nauka, 1965. 163 p.
- PETROV, V. P., ed. [Problems in the geology and mineralogy of bauxites. Translated from the English and French] Voprosy geologii i mineralogi boksaitov. Moskva, Mir, 1964. 481 p. maps (insert)
- PETROZAVODSK. PUBLICHNAIA BIBLIOTEKA. [Olonets, a leaflet for readers] Olonets, pamiatnik chislennosti. Petrozavodsk, Karelskoe knizhnoe izd-vo, 1964. 20 p. (CS-11)
- RIKHTER, V. G. [Methods of studying the recent and latest tectonics of the shelf zones of seas and oceans] Metody izucheniya novshei i sovremennoi tektoniki shel'fovyykh zon morei i okeanov. Moskva, Nedra, 1965. 243 p.
- SOLOVEV, S. L. [Earthquakes and tsunamis on October 13 and 20, 1963 in the Kurile Islands] Zemletraseniya i tsunamii 13 i 20 oktyabrya 1963 goda na Kuril'skikh ostrovakh. Iuzhno-Sakhalinsk, [Iuzhno-Sakhalinsk] 1965. 160 p.
- [STUDY OF THE GEOLOGY OF THE U.S.S.R.] Geologicheskaya izucheniya SSSR. Glav. red. A. N. Assovskii i dr. Vilnius, Mintis. Vol. 43. [The Lithuanian S.S.R. Period 1950-1960] Litovskaya SSR. Period 1950-1960. No. 1. [Published works] Pechatnye raboty 1964. 244 p.
- TIURINA, L. G. [At the foot of the Acropolis] U podnozhia Akropolia. Moskva, Mysl', 1965. 79 p. illus.
- [TWELVE EXPLOITS] Dvenadtsat' podvigov. Leningrad, Gidrometeor. izd-vo, 1965. 320 p.
- USPENSKI, N. M. [Nongranite pegmatites] Negrantnye pegmatity. Moskva, Nedra, 1965. 335 p.
- UZIN, S. V. [Thundering smoke] Gromlasheht dym. Moskva, Mysl', 1965. 165 p.
- VASILKOVA, N. N., and S. G. SOLOMKINA. [Type-morphic characteristics of fluorite and quartz, on the basis of a study of their physical and physicochemical properties] Tipomorfnye osobennosti fluorit i kvartsa, na osnovanii izucheniya ikh fizicheskikh i fiziko-khimicheskikh svoystv. Nauchn. red. E. V. Rozhova. Moskva, Nedra, 1965. 132 p.
- ZAVALII, P. V., and H. S. IOSHKIN. [Get acquainted with the Ukraine] Poznakomtes' z Ukrainoiu. [Kyiv] Myslstvo [1964] 1 v. chiefly illus.
- ZELINOV, K. K., ed. [Geochemistry of recent post-volcanic processes. Translated from the English and French] Geokhimiya sovremennykh postvulkanicheskikh protsessov, sbornik statei. Moskva, Mh, 1965. 173 p.

13. SCIENCE

[ACHIEVEMENTS OF SCIENCE; geophysics 1963] Dostiizheniya nauki, geofizika 1963. Moskva, Akad. nauk SSSR, 1965. 374 p.

AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut matematiki i mekhaniki. [Studies on the theory of differential equations and the theory of functions] Issledovaniya po teorii differentsial'nykh uravnenii i teorii funktsii. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 164 p.

AKADEMIYA NAUK GRUZINSKOI SSR, Tbilisi. Botanicheskii institut. [Key to the identification of the plants of Georgia] Opredelitel' rastenii Gruzii. Tbilisi, Metsnereba. Vol. 1. 1964. 1 v. map [In Georgian] (Mh)

AKADEMIYA NAUK GRUZINSKOI SSR, Tbilisi. Institut kibernetiki. [Cybernetic models] Kiberneticheskie modeli. Tbilisi, Metsnereba, 1965. 85 p.

AKADEMIYA NAUK SSSR. Biblioteka. [High-molecular compounds; bibliographic index of Soviet and foreign books, 1930-1963] Vysokomolekulyarnyye soedineniya; bibliografiya knig 1930-1963. Sost. R. M. Vitenskaya. Pod red. S. I. A. Frenkelia. Leningrad, 1965. 368 p.

AKADEMIYA NAUK SSSR. Dal'nnevostocheyskii filial, Vladivostok. [Abstracts of the papers delivered at the session of the Council of the Far Eastern Branch of the Siberian Division of the Academy of Sciences of the U.S.S.R. on the results of scientific research in 1959] Tezisy dokladov na sessii Soveta Dal'nnevostochnogo filiala Sibirskogo otdeleniya Akademii nauk SSSR po itogam nauchnykh issledovaniy 1959 goda. Vladivostok, 1960. 85 p. (ICRL)

AKADEMIYA NAUK SSSR. Iakutskii filial, Yakutsk. Institut biologii. [Vertebrates of Yakutia; materials on their ecology and number] Pozvonochnye zhivotnye Iakutii, materialy po ekologii i chislennosti. Iakutsk, Iakutskoe knizhnoe izd-vo, 1964. 127 p. (NRC)

AKADEMIYA NAUK SSSR. Institut biokhimiya [Vitamin B₁₅ (pangamic acid), its properties, functions and application] Vitamin B₁₅ (pangamovain kislota), svoystva, funktsii i primeneniye. Moskva, Nauka, 1965. 276 p.

AKADEMIYA NAUK SSSR. Institut fizicheskoi khimii. [Studies of the properties of ion-exchange materials] Issledovaniya svoystv ionobmennyykh materialov. Moskva, Nauka, 1964. 231 p. (NIC)

AKADEMIYA NAUK SSSR. Institut nauchnoi informatsii. [Nuclear physics; the mechanism underlying nuclear reactions] Yadernaya fizika; mekhanizm iadernykh reaktsii. Moskva, Akad. nauk SSSR, 1965. 85 p. [Mogi nauki]

AKADEMIYA NAUK SSSR. Komitet nauchno-tekhnicheskoi terminologii. [Dosimetry of ionizing radiations; fundamental concepts. Terminology] Dozimetriya ioniziruyushchikh izlucheniy; osnovnyye ponyatiya. Terminologiya. Moskva, Nauka, 1965. 23 p. (Sborniki rekomenduemyykh terminov, no. 70)

- AKADEMIYA NAUK SSSR. *Mezhdunarodnyy geofizicheskiy zhurnal*. [Meteorology and the physics of the atmosphere, a bibliographical, 1960-1962] Meteorologiya i fizika atmosfery, bibliograficheskiy ukazatel' 1960-1962 g. [Moskva, 1963] 244 p.
- AKADEMIYA NAUK SSSR. *Nachalnyi sovet po problemam fiziki*. [Basic matters, and by physics of photo-physics] Nauchnyy i biologicheskiy fotofizika. Moskva, 1965. 318 p.
- AKADEMIYA NAUK URSSR. *Kurs fiziki*. [Course elements in physics] Kurs fiziki i matematiki. Moskva, 1965. 170 p. (Respublikanskiy mezhdunarodnyy zhurnal)
- AKADEMIYA NAUK SSSR. *Minat. Institut teplo- i masoperevoda*. [Problems of constant-state heat and mass transfer] Voprosy nestatsionarnogo perenosa tepla i massy. Minsk, Nauka i tekhnika, 1965. 162 p.
- ANDROPOV, I. K. [Mathematics for technical schools, a course in unified mathematics] Matematika dlya tekhnicheskikh i kursirov matematiki. Moskva, Vysshaya shkola, 1965. 623 p.
- [ASTRONOMY, OLDEST OF ALL THE SCIENCES] Astronomiya - drevnishaya iz nauk. Moskva, Znanie, 1965. 37 p. (Narodnyi universitet Estestvenno-nauchnyi fakul'tet, no. 10)
- BAKURADZE, A. N., A. I. ABESADZE, and A. I. SIKHARULIDZE. [Changes in the functional state of the alimentary center in starvation and satiation] Izmeneniya funktsional'nogo sostoyaniya pishchevogo tsentra pri golode i nasychenii. Tbilisi, Metsniereba, 1965. 110 p.
- BOGOMOLOV, A. M., and B. V. KOROBV. [Programming for the "Ural-2" and "Ural-4" digital computers] Programirovaniye dlya EVM "URAL-2" i "URAL-4". [Sarato] Izd-vo Saratovskogo univ., 1965. 482 p.
- BOLKHOVITINOV, V. M. *Stoletiye* [3, Izd.] Moskva, Molodaya gvardiya, 1965. 569 p. (Zhizni zamchatel'nykh liudei. Seriya biografii, no. 17(111))
- BOL'SHAKOV, V. D. [Theory of errors of observation and the fundamentals of the theory of probability] Teoriya oshibok nabludeniya i osnovnyye teorii veroyatnostei. Moskva, Nedra, 1965. 183 p.
- BOREVICH, Z. I. [Determinants and matrices, textbook for correspondence students] Opredeliteli i matritsy, uchabnoye posobie dlya zaochnikov. [Leningrad] Izd-vo Leningr. univ., 1965. 162 p.
- BORISOVSKI, P. I. [Modern science on the origin of man] Sovremennaya nauka o proiskhozhdenii cheloveka. [Leningrad] Leningrad, 1956. 87 p. (ICU)
- BORISOV, V. V. [Miracles performed without "miracles", with addenda describing chemical experiments] Chudes bez "chudes", s prilozheniem opisaniya khimicheskikh opytov. Leningrad, Ob-vo "Znanie" RSFSR, 1965. 39 p.
- BRASLAVSKII, A. P., and K. B. SHERGINA. [Water losses by evaporation from reservoirs of the arid zone of Kazakhstan, based on the example of the Kengir Reservoir] Poteri vody na isparenie iz vodokhranilishch zasushlivoi zony Kazakhstana, na primere Kengirskogo vodokhranilishcha. Pod obsheste. red. A. P. Braslavskogo. Alma-Ata, Nauka, 1965. 225 p.
- CH'EN, HSUEH-SÉN. [Physical mechanics. Translated from the Chinese] Fizicheskaya mekhanika. Pod red. S. V. Vailandera. Moskva, Izd-vo "Mir", 1965. 544 p.
- CHIRGADZE, I. N. [Infrared spectra and structure of polypeptides and proteins] Infrazasnyye spektry i struktura polipeptidov i belkov. Moskva, Nauka, 1965. 134 p.
- DAMASKIN, B. B. [Principles of the modern methods of studying electrochemical reactions] Printsipy sovremennykh metodov izucheniya elektrokhimicheskikh reaktsii. [Moskva] Izd-vo Mosk. univ., 1965. 102 p.
- DANILOVA, E. I. [Evaluation of the hand in relation to problems of anthropogenesis] Evolyutsiya ruki v svyazi s voprosami antropogeneza. Kiev, Naukova dumka, 1965. 197 p.
- DRUZHNIK, L. A. [Problems in field theory] Zadachi teorii polya. Moskva, Mosk. in-t radioelektroniki i gornoi elektromekhaniki. Pt. 2 [Potential and the electric field] Potentsial i elektricheskoe pole. 1961. 170 p.
- EINSTEIN, ALBERT. [Physics and reality. Translated from the German and English] Fizika i real'nost', sbornik statei. Moskva, Nauka, 1965. 368 p.
- [GAS DYNAMICS] Gazovaya dinamika. [By] Kh. A. Rakhmatulin i dr. Moskva, Vysshaya shkola, 1965. 722 p.
- GEL'FAND, I. M. [Generalized functions] Obobshchennyye funktsii. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1958-1962. 5 v. (Nhd)
- GIKHMAN, I. I., and A. V. SKOROKHOD. [Introduction to the theory of random processes] Vvedenie v teorii sluchaynykh protsessov. Moskva, Nauka, 1965. 654, 654 p. (Teoriya veroyatnostei i matematicheskaya statistika)
- GOSTISHCHEV, V. S. [Work experience of the Base Isotope Laboratory of the North Caucasus Economic Council] Opyt raboty bazovoi izotopnoi laboratorii Severo-Kavkazskogo SNKh. Moskva, Atomizdat, 1965. 54 p.
- GRAGEROV, I. P., I. F. REKASHEVA, and V. A. LUNENOK-BURMAKINA. [Alexander Il'ich Brodskiy. Kiev, Naukova dumka, 1965. 39 p. (Seriya "Uchenye Ukrainkoi SSR")]
- GREBENSHCHIKOV, O. S. [Geobotanical dictionary; Russian-English-German-French] Geobotanicheskiy slovar', russko-anglo-nemetsko-frantsuzskii. Moskva, Nauka, 1965. 226 p.
- GRUSHEVSKII, M. S., and L. S. KUCHMENT, eds. [Electronic computers in hydrology; a collection of translations] Elektronnyye vychislitel'nye mashiny v gidrologii, sbornik perevodov. Leningrad, Gidrometeoizdat, 1965. 233 p.
- GRUZA, G. V. [Integral characteristics of the general circulation of the atmosphere] Integral'nye kharakteristiki obshchei tsirkulatsii atmosfery. Leningrad, Gidrometeoizdat, 1965. 145 p.
- [HOW TO STUDY THE UNIVERSE] Kak izuchit' vselennuyu. Moskva, Izd-vo "Znanie", 1965. 44 p. (Narodnyi universitet; Estestvenno-nauchnyi fakul'tet, no. 11)
- IAKHONTOV, V. D. [Following the Cherskii trail, wildlife stories] Tropiki Cherskogo; rasskazy o prirode. [Magadan] Magadanskoe knizhnoye izd-vo, 1965. 77 p.
- IVIN, M. E. [Mysteries of life] Tajniki zhizni. Leningrad, Detskaya literatura, 1965. 189 p. (Din srednego i starshego vozrasta)
- KALCHAEV, KERBAL. [Earth and outer space] Er bilien elem. Ashgabat, Turkmenistan neshirinty, 1965. 60 p. [In Turkmen]
- KASYMOV, A. G. [Biological regimen of Mingechaur Reservoir] Biologicheskiy rezhim Mingechaurskogo vodokhranilishcha. Baku, Azerbaidzhanское gos. izd-vo, 1965. 87 p.
- KATYSHEV, I. U. V., D. L. NOVIKOV, and E. A. POLFEROV, comps. [English-Russian dictionary on charged particle accelerators] Anglo-russkii slovar' po uskoritel'nam zaryazhennykh chastits. Pod red. V. P. Dmitrievskogo. Moskva, Sovetskaya entsiklopediya, 1965. 323 p.
- KHARADZE, E. K. [Structure of the universe through the eyes of science. Stroenie vselennoi glazami nauki. Tbilisi, Metsniereba] 1965. 37 p. [In Georgian]
- KHRISTININ, V. I. [Stand up straight] Doizhis' priamo. Moskva, Meditsina, 1965. 21 p. (Nauchno-popul'naya meditsinskaya literatura)
- KIEV. MEDYCHNYI INSTITUT. [Philosophical problems in medicine and biology] Filosofskie voprosy meditsiny i biologii. Kiev, Zdorovia, 1965. 255 p.
- KOSMODEM'YASKII, A. A. [Course in theoretical mechanics] Kurs teoreticheskoi mekhaniki. Izd. 3., perer. i dop. Moskva, Prosveshchenie Pt. 1. 1965. 537 p.
- LATVIJAS PADOMU SOCIALIS PISKAS RI. PUBLIKAS ZINATNU AKADEMIJA. [Latvian Academy of Sciences] Zinatnu akademijska terminologija. Riga, Latvijas gos. izd-vo. No. 5. [Physics dictionary, 6659 Latvian terms] Slovar' terminov fiziki (6659 latvianiskih terminov). 1961. 465 p.
- MAIMKOV, I. U. S. [Physical-chemical methods of analysis] Fiziko-khimicheskiye metody analiza. Leningrad, Khimika, 1961. 551 p.
- LOMNEV, S. P. [Calculation of electrophysical units and electrophysical phenomena using digital computers] Raschet i issledovanie elektrofizicheskikh yavleniy na elektronnykh vychislitel'nykh mashinakh. Moskva, Vychislitel'naya tsentra AN SSSR, 1965. 130 p. (Trudy Vychislitel'nogo tsentra)
- LUNKEVICH, V. V. [Popular biology] Zanimatelnaya biologiya. Moskva, Nauka, 1965. 272 p.
- LYKOV, A. V., and B. M. SMOL'SKII, eds. [Heat and mass transfer between bodies and the ambient medium] Teplo- i massoperevoda telesa okruzhayushchey gazovoi sredy. Minsk, Nauka i tekhnika, 1965. 184 p.
- LYKOV, A. V., and B. M. SMOL'SKII, eds. [Heat and mass transfer in capillary-porous bodies] Teplo- i massoperevoda v kapillyarno-poristykh telakh. Minsk, Nauka i tekhnika, 1965. 152 p.
- MOROZOV, A. A. [Lomonosov. 5. Izd.] Moskva, Molodaya gvardiya, 1965. 676 p. (Zhizni zamchatel'nykh liudei. Seriya biografii, no. 16(310))
- MOSCOW. GLAVNYI BOTANICHESKII SADA. [Scientific library] Biblioteka. [Photocopy edition of plants, bibliography of the literature for 1940-1964] Fotokopirovannyye bibliograficheskiye ukazateli literatury 1940-1964 g. Sostaviteli T. N. Sokolova, T. V. Sedova. Pod red. N. N. Konstantinova. Moskva, Nauka, 1965. 400 p.
- MOSCOW. INZHENERNO-FIZICHESKII INSTITUTE. [Some aspects of the physics and technology of nuclear reactors] Nekotoryye voprosy fiziki i tekhnologii yadernykh reaktorov, sbornik statei. Pod red. L. N. Ivanova. Moskva, Atomizdat, 1965. 152 p.
- MOSCOW. TSENTRAL'NYI INSTITUT PROGNOZIROVANIYA. [Manual on short-range weather forecasting] Rukovodstvo po kratkosrochnym prognozom pogody. Leningrad, Gidrometeoizdat. Pt. 3, No. 4. [Synoptic processes and weather forecasting in the eastern regions of the U.S.S.R.] Sinopticheskiye protsessy i prognoz pogody v vostochnykh rayonakh SSSR. 1965. 211 p.
- [MUSHROOMS OF OUR FORESTS] Griby nashikh lesov. Minsk, Uzadshai, 1965. 196 p.
- NOVIK, I. B. [Modeling of complex systems, a philosophical essay] O modelirovani slozhnykh sistem, filosofskii ocherk. Moskva, Mysl', 1965. 172 p.
- NOVOZHILOV, I. U. V. [Quantum field theory and elementary particles] Kvantovaya teoriya polya i elementarnyye chastitsy. Leningrad, Ob-vo "Znanie" RSFSR, 1965. 30 p.
- OCHIAURI, D. A. [Study of the flora of Puhay-Khaurati. Tbilisi, Metsniereba] 1965. 97 p. [In Georgian]
- OSETSKII, V. M. [Dynamics, a summary of lectures] Dinamika; konspekt lektsii. Moskva, Mosk. in-t radioelektroniki i gornoi elektromekhaniki, 1965. 53 p.
- [PROBLEMS IN THERMONUCLEAR RESEARCH. Participants in the discussion. E. K. Zavolokiti and others] Problemy termonuklearnogo issledovaniya. V besede uchastvuyut: E. K. Zavolokiti i dr. Moskva, Znanie, 1965. 29 p. (Novoe v zhizni, nauka, tekhnika, IX Seriya: Fizika, matematika, astronomiya, no. 21)
- [PROBLEMS OF LONGEVITY. Participants in the discussion: A. V. Korobkov and others] Problemy dlinnoletiya. V besede uchastvuyut: A. V. Korobkov i dr. Moskva, Znanie, 1965. 43 p. (Novoe v zhizni, nauka, tekhnika, VII Seriya: Biologiya i meditsina, no. 20)
- ROKITSKII, P. F. [English-Russian biological dictionary] Anglo-russkii biologicheskiy slovar'. Izd. 2. Moskva, Sovetskaya Entsiklopediya, 1965. 680 p. DNAL

- SEREGINA, L. F., and M. N. SYROECHKOVSKAYA. [Sun, air and water] Solntse, vozdukh i voda. Izd. 2. Moskva, Meditsina, 1965. 77 p. (Biblioteka shkol'nika)
- SHEL'KIN, K. I. [Physics of the microcosm popularized] Fizika mikrokosmosa, popularnye ocherki. Moskva, Atomizdat, 1965. 230 p. (Nauchno-popularnaya biblioteka Atomizdata)
- SHIROKOV, K. P., ed. [Introduction of the International Unit System, collection of reports] O vvedenii Mezhdunarodnoi sistemy edinits, sbornik dokladov. Moskva, Izd-vo Standartov, 1965. 101 p.
- SOKOLOV, P. N. [Chemical sources of electric power] Khimicheskie istochniki elektricheskoi energii. [Leningrad] Izd-vo Leningr. univ. 1965. 19 p. (Khimiya v vuzakh, no. 2)
- STRELKOV, S. P. [Mechanics] Mekhanika. Izd. 2, pereizd. Moskva, Nauka, 1965. 526 p. (Obshchii kurs fiziki)
- TOROPOV, N. A., and others. [Constitutional diagrams of silicate systems, a handbook] Diagrammy sostoaniia silikatnykh sistem, spravochnik. Moskva, Nauka, No. 1 [Binary systems] Dvoynye sistemy. 1965. 545 p.
- TURDAKOV, A. F. [Reproduction and development of Leuciscus belgi Kischkarov in Lake Issyk-Kul] Razmnozhenie i razvitiye belgi kishkarov v ozero Issyk-Kul. Frunze, Izd-vo "Ilim," 1965. 89 p.
- VASIL'EV, I. M. [Living from the nonliving] Zhivoe iz nerzhivogo. Moskva, Znanie, 1965. 31 p. (Novoe v zhizni, nauka, tekhnika. VII Seriya: Biologiya i meditsina, no. 21)
- VEDENOV, A. A. [Theory of turbulent plasma] Teoriya turbulentnoi plazmy. Moskva, Akad. nauk SSSR, 1965. 114 p. (Fizika nauki)
- VOITKEVICH, A. A. [Restorative processes and hormones] Vostanovitel'nye protsessy i gormony. [Leningrad] Meditsina, 1965. 250 p.
- VOLODIN, B. G., and others. [Problems in probability theory, mathematical statistics, and theory of functions of random variables] Sbornik zadach po teorii veroyatnostei, matematicheskoi statistike i teorii sluchainykh funktsii. Pod obshchey red. A. A. Sveshnikov. Moskva, Nauka, 1965. 632 p.
- VORONIN, V. V. [Fundamentals of the theory of the microscope; a popularized presentation for biologists and medical men] Osnovy teorii mikroskopa, v popularnom izlozhenii dlia biologov i medikov. Tbilisi, Metsnereba, 1965. 62 p.
- VOSKRESENSKAYA, N. P. [Photosynthesis and the spectral composition of light] Fotosintez i spektralnyi sostav sveta. Moskva, Nauka, 1965. 308 p.
- ZADINSKI, JAN. [Possibility of mutual understanding. Translated from the Polish] Vozmozhnost' vzaimoponimaniia. [2. izd. Lodz] Gos. nauchn. izd-vo [n.d.]. 180 p. illus.
- ZHITOMIRSKAYA, O. M. [Climatic description of the Aral Sea region] Klimaticheskoe opisanie Aralskogo moria. Pod red. O. A. Semenov. Leningrad, Gidrometeoizdat, 1964. 66 p.

14. MEDICINE

- AGAIEV, E. R., and V. V. PUGINA, eds. [Experience in the work of rural public health centers] Opyt raboty sel'skikh lechenno-profilakticheskikh uchrezhdenii. Moskva, Meditsina, 1965. 182 p. (DNLM)
- [AID FOR THE YOUNG MOTHER] V pomoshch' molodoi materi. 3., ispr. i dop. izd. Minsk, Belarus', 1965. 130 p. (DNLM)
- AKADEMIYA NAUK URSR, Kiev. Institut fiziologii. [Physiology and pathology of higher nervous activity] Fiziologiya i patologiya vysshei nervnoi deiatel'nosti. Kiev, Zdorov'ia, 1965. 224 p. (DNLM)
- ARCHANGEL, GOSUDARSTVENNYI MEDITSINSKII INSTITUT. Kafedra boleznei ucha, gorla i nosa, [Problems of scientific and practical otorhinolaryngology] Voprosy nauchno-prikladnoi otorhinolaryngologii: sbornik nauchnykh trudov. Arkhangel'sk, 1962. 220 p. (ICRL)
- BERDNIKOV, V. N. [Nonhealth-resort treatment of diseases of the digestive organs] Vnekurortnoe lechenie zabolevani organov pishchevarenia. Moskva, Meditsina, 1965. 29 p. (Nauchno-popularnaya meditsinskaya literatura) (DNLM)
- BRAGINSKAYA, V. P. [Prevent infectious diseases in children] Preduprezhdenie zaraznykh boleznei u detei. Moskva, Meditsina, 1965. 33 p. (Nauchno-popularnaya meditsinskaya literatura) (DNLM)
- BUNIN, K. V. [Diagnosis of infectious diseases, a clinical manual] Diagnostika infektsionnykh boleznei, klinicheskoe rukovodstvo. Moskva, Meditsina, 1965. 438 p. (DNLM)
- DOBROMYSLOV, A. N. [Concomitant strabismus, experimental and clinical studies] Soderzhestvennoe kosoglasie; eksperimental'nye i klinicheskie issledovaniia. Pod red. A. A. Zubkova. Kishinev, Karta moldovenaske, 1965. 227 p. (DNLM)
- DOLABCHIAN, Z. L. [Studies on synthetic electro-mechanocardiology] Ocherki sinteticheskoi elektromekhanokardiologii. Erevan, Atsian, 1965. 361 p. (DNLM)
- DOLMATOVA, A. V., and N. A. DEMINA. [Mosquitoes (Phlebotominae) and diseases transmitted by them] Moskity (Phlebotominae) i bolezni, peredavaemye imi. Moskva, Meditsina, 1965. 200 p. (Biblioteka prakticheskogo vracha) (DNLM)
- FRUNZE, KIRGIZSKII INSTITUT KRAEVOI MEDITSINY. [Bibliography of works completed at the Kirgiz Institute of Regional Medicine, 1954-1964] Bibliografiya rabot, vypolnennykh v Kirgizskom institute kraevoi meditsiny, 1954-1964. Frunze [1964] 54 p.
- GIRDZIJAUSKAS, V., and D. VIKONYTE-VASILIEVICNE. [Dysentery and its control in the Lithuanian S.S.R.] Dizenterija ir kova su ja Lietuvoje TSR. Vilnius, Mintis, 1964. 163 p. (Gydytoju praktiko biblioteka) [in Lithuanian] (DNLM)
- GLAZOV, V. A. [Schizophrenia; clinical experimental studies] Shizofreniya; kliniko-eksperimental'noe issledovanie. Moskva, Meditsina, 1965. 227 p. (DNLM)
- GRIGOR'EV, N. N., and S. B. SEVERINOV. [Yevpatoriya, the city of sun; a brief essay on the history of the town. Advice for guests at Yevpatoriya Health Resort. For whom treatment at Yevpatoriya is recommended] Yevpatoriya, gorod solntsa; kratkii rasskaz ob istorii goroda. Sovety otdykhatel'shim na evpatoriiskom kurorte. Komu rekomendovano lechenie v Yevpatorii. [Simferopol', Izd-vo "Krym," 1965] 140 p.
- GUDERGRITS, A. I., and I. A. S. TSIMMERMAN. [Therapeutic nutrition in internal diseases; a brief manual for doctors and students] Lechennoe pitaniye pri vnutrennikh boleznyakh; kratkoe posobie dlia vrachei i studentov. Kiev, Zdorov'ia, 1965. 69 p. (DNLM)
- GUSEIN-ZADE, K. M. [Cutaneous leishmaniasis, Borovskii's disease] Kozhnyi leishmanioz; bolezn' Borovskogo. Baku, Azerbaidzjanskoe gos. izd-vo, 1965. 137 p. (DNLM)
- IOFFE, ANATOLII. [Notes of a doctor-hypnotist] Zapiski vracha-gipnotizera. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1965. 60 p. (DNLM)
- IVANOV-SMOLENSKII, A. G. [Ways of interaction in experimental and clinical pathophysiology of the brain] Puti vzaimodeistviia eksperimental'noi i klinicheskoj patofiziologii golovnogo mozga. Moskva, Meditsina, 1965. 494 p. (DNLM)
- JEROUT, JINDRICH, and others. [Pharmacy in the Czechoslovak Socialist Republic. Translated from the Czech] Aptechnoe delo v Chekhoslovatskoi Sotsialisticheskoi Respublike. Praga, M-vo zdravoohraneniia Chekhoslovatskoi Sotsialisticheskoi Respubliki, 1964. 70 p. (DNLM)
- KALIUSHNAYA, R. A. [Chronic intoxications in childhood, pathogenesis, clinical aspects and treatment] Khronicheskie intoksikatsii detskogo vozrasta, patogeneza, klinika, lechenie. Moskva, Meditsina, 1965. 346 p. (DNLM)
- KAZAKOV, V. I. [Differential diagnosis and the principles of treatment in the practice of the dermatovenerologist] Differentsial'naya diagnostika i printsipy terapii v praktike dermatovenerologa. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1965. 228 p. (DNLM)
- KHARKOV, DERZHAVNA NAUKOVA MEDYCHNA BIBLIOTEKA. [Organization of medical service for the rural population, for the group conference of the chief physicians of central, district and rural district hospitals] Organizatsiia meditsinskogo obsluzhivaniia sel'skogo naseleniia, k kustovomu soveshchaniu glavnnykh vrachei tsentral'nykh raionnykh, raionnykh, i sel'skikh uchastkovykh bol'nits. Khar'kov, 1964. 20 p. (CS-H)
- KISHINEV, MOLDAVSKII INSTITUT EPIDEMIOLOGII, MIKROBIOLOGII I GIGIENY. [Antisax, problems of immunology, clinical aspects and laboratory diagnosis] Antisax, voprosy immunologii, kliniki i laboratornoi diagnostiki. Pod red. E. N. Shliakova. Kishinev, Karta moldovenaske, 1964. 162 p. (DNLM)
- KRIVITSKAYA, E. I. [Know how to work and know how to rest] Umen' trudit'sia - umet' otdykhatsia. Moskva, Meditsina, 1965. 47 p. (Biblioteka shkol'nika) (DNLM)
- KRIVOGLAZ, B. A. [Clinical aspects and the treatment of intoxication by poisonous chemicals] Klinika i lechenie intoksikatsii i odokhmitkatami. [Leningrad] Meditsina, 1965. 210 p. (Biblioteka prakticheskogo vracha) (DNLM)
- KROPACHEV, A. M. [Chronic pneumonias in children] Khronicheskie pnevmonii u detei. Izd. 2., ispr. i dop. [Leningrad] Meditsina, 1965. 222 p. (Biblioteka prakticheskogo vracha) (DNLM)
- LAPINA, I. A. [Physiology of the lacrimal gland] Fiziologiya sluznoi zhelezy. [Leningrad] Meditsina, 1965. 161 p. (DNLM)
- [LARGE MEDICAL ENCYCLOPEDIA; indexes to the second edition] Bol'shaya meditsinskaya entsiklopediya, ukazateli ko vtoromu izdaniyu. Glav. red. A. N. Bakulev. Moskva, Sovetskaya entsiklopediya. Vol. 2. [Subject and author indexes] Tematicheski i imennoi ukazateli. 1965. 451 p.
- LETES, S. M. [Pathophysiology of the hypothalamo-hypophyseal system] Patofiziologiya gipotalamo-gipofiznoi sistemy. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1965. 50 p. (DNLM)
- LETES, S. M. [Pathophysiology of the thyroid and parathyroid glands] Patofiziologiya shchitovidnoi i okoloschitovidnoi zhelez. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1965. 39 p. (DNLM)
- LETAVET, A. A., and E. V. KHURINA, eds. [Methods for studying industrial dust and the incidence of pneumoconiosis] Metody izucheniia proizvodstvennoi pyli i zabolevaimosti pnevmokontozami. [Leningrad] Meditsina, 1965. 121 p. (Biblioteka sanitarnogo vracha) (DNLM)
- MEL'KUMOVA, A. S., and G. I. RUMIANTSEV. [Vibration sickness in concrete workers and measures for its control, manual for occupational diseases specialists, neuropathologists, hygienists, and physicians of polyclinics and medical and public health centers] Vibratsionnaya bolezn' betonshchikov i meriya bor'by s neyu; posobie dlia profpatologov, nevropatologov, vrachei-gigienistov, vrachei poliklinik i mediko-sanitarnykh chustot. Moskva, Mosk. nauchno-issl. in-t gigieny, 1965. 162 p. (DNLM)

- MIRONOVA, Z. S., and L. Z. KHEIFETS [Prevention and treatment of sports injuries] Profilaktika i lechenie sportnykh travm. Pod red. A. M. Dorkina. Moskva, Meditsina, 1965. 156 p. (DNLM)
- MOI OGHOV, A. N., and I. E. RAKHLSKII. [Alcoholism and its control] Alkoholizm i bor'ba s nim. Kishinev, Gos. izdat. Moldavi, 1955. 191 p. (NJR)
- MOSCOW. TSENTRAL'NYI INSTITUT TRAVMATOLOGII I ORTOPEДИИ. [Problems of the pathology of the bone system] Voprosy patologii kostnoi sistemy. Moskva, 1957. 284 p. (ICRL)
- [MULTIVOLUME MANUAL ON SURGERY] Mnogotomnoe rukovodstvo po khirurgii. Moskva, Meditsina. Vol. 6. Pt. 1. Bakulev, A. N., and B. V. Petrovskii, eds. [Surgery on the heart and major vessels] Khirurgiya serdtsa i magistralnykh sosudov. 1955. 577 p. (DNLM)
- NOVIK, I. O., and A. I. MARCHENKO [Prescription manual for the stomatologist] Retsepturnyi spravochnik vracha-stomatologa. 2. izd., ispr. i dop. Kiev, Zdorov'ia, 1965. 170 p. (DNLM)
- NOVOZHILOV, D. A. [G. I. Turner's remarkable life] Zamechatel'naya zhizn' G. I. Turnera. [Leningrad] Meditsina, 1965. 142 p.
- OLEVSKII, M. I., and I. K. POLTEVA, eds. [Nutrition of the healthy and sick child] Pitanie zdorovogo i bol'nogo rebenka. Moskva, Meditsina, 1965. 324 p. (DNLM)
- PANOV, N. A., K. A. MOSKACHEVA, and A. Z. GINGOLD. [Manual on pediatric roentgenology] Rukovodstvo po detskoi rentgenologii. Moskva, Meditsina, 1965. 591 p. (DNLM)
- PECHATNIKOVA, E. A. [Current problems of the surgical treatment of cancer of the cardiac region of the stomach] Aktualnye voprosy khirurgicheskoi lecheniia raka kardinal'nogo otdela zheludka. Moskva, Meditsina, 1965. 182 p. (DNLM)
- RACHKOV, A. A. [Grigorii Vital'evich Khlopin, his life and work] Grigorii Vital'evich Khlopin, zhizn' i deiatel'nost'. [Leningrad] Meditsina, 1965. 111 p.
- RAIKHSHTAT, G. N., comp. [Organization of epidemic control measures in the foci of infectious diseases] Organizatsiia protivopidemiicheskikh meropriatii v ocbagakh infektsionnykh zabolevani. Pod red. L. G. Vebera. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1965. 58 p. (DNLM)
- RATNER, A. I. [Cervical migraine] Sheinaya migren'. [Kazan'] Izd-vo Kazanskogo univ., 1965. 197 p. (DNLM)
- SAKVARELIDZE, M. A. [Materials on the psychopathology of delirium. Materials k psichopatologii breda. Tbilisi, Metsnereba] 1965. 91 p. [In Georgian] (DNLM)
- SERGEEV, G. V. [Electro-sleep treatment of hypertension patients controlled by the examination of their higher nervous activity] Lechenie elektrosnom bol'nykh gipertonicheskoi bolezniu pod kontrolom issledovaniia ikh vysshei nervnoi deiatel'nosti. Moskva, Meditsina, 1965. 226 p. (DNLM)
- SHABAD, L. M. [Prevention of cancer] Preduprezhdenie raka. Moskva, Meditsina, 1965. 51 p. (Nauchno-popul'naya meditsinskaya literatura) (DNLM)
- SHABANOV, A. N., ed. [Medical manual for feldshers] Meditsinskii spravochnik dlia feldsherov. Izd. 11. Moskva, Meditsina, 1965. 693 p. (DNLM)
- SHABANOV, M. SH. [Arterial system of the human lower extremities under normal conditions and in endarteritis obliterans] Arterial'naya sistema nizhnego konechnosti cheloveka v norme i pri obliteriruiushchem endarterite. Aktiubinsk, 1964. 246 p. (DNLM)
- SHAFIRO, I. B. [Work as the basis of longevity] Trudy o osnovu dolgoletia. Moskva, Meditsina, 1965. 77 p. (Nauchno-popul'naya meditsinskaya literatura) (DNLM)
- SIMPOZIUM PO MEKHANIZMAM KANTSEROGENEZA. [Mechanisms of carcinogenesis, transactions...] Mekhanizmy kantserogeneza, trudy... Pod obshch. red. i s predistoviem L. M. Shabada. Moskva, Meditsina, 1963. 236 p. (DNLM)
- SIMPOZIUM PO VOPROSAM PATOLOGII ESKOI ANATOMII, KLINIKI, LECHENIIA I ISKHODOV OSTE-OBLASTOKLASTOM. [Osteoblastoclastoma, giant-cell bone tumor] Transactions of the Symposium... May 30-31, 1960. Osteoblastoklastoma, gigantokliotsioma opukhol' kosti. Trudy Simpoziuma. 30-31 maia 1960 g. Pod obshch. red. M. V. Volkova. Moskva, TSentr. in-t travmatologii i ortopedii, 1962. 245 p. (ICRL)
- SMOL'NIKOV, V. P., ed. [Manual on anesthesiology] Spravochnik po anesteziologii. Moskva, Meditsina, 1965. 359 p. (DNLM)
- SOVESHCHANIE PO PROBLEME GISTO-GEMATICHESKIKH BAR'EROV. 2d., 1963. [Problems of histohematic barriers, transactions] Problemy gisto-gematicheskikh bar'ero; [trudy] Moskva, Nauka, 1965. 339 p. (DNLM)
- STAMBOLTSIAN, R. P. [Pathogenetic treatment of coronary insufficiency] O patogeneticheskom lechenii koronarnoi nedostatochnosti. Erevan, Izd-vo "Atastan," 1965. 186 p. (DNLM)
- TAKHO-GODI, KILM. [Manual on the fundamentals of scientific photography in forensic medicine] Posobie po osnovam nauchnoi fotografii v sudbenoi meditsine. Moskva, Meditsina, 1965. 108 p.
- TARABAEVA, G. I. [Effect of lead on the organism and therapeutic and prophylactic measures] Delstvie svinta na organizm i lechenno-profilakticheskie meropriatia. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 285 p. (ICRL)
- TERNOVSKII, V. N. [Andreas Vesalius] Andrei Vezalii. Moskva, Nauka, 1965. 254 p. (Nauchno-biograficheskaya seriya)
- TORSUEV, N. A., and D. L. PEREL'DIK. [Dispensary service for patients with chronic recurrent dermatoses] Dispanserizatsiia bol'nykh khronicheskimi retsidiviruiushchimi dermatozami. Kiev, Zdorov'ia, 1965. 69 p. (Obmen peredovym opytom) (DNLM)
- TUGOLUKOV, V. N. [Modern methods of the functional diagnosis of the state of the gastric mucous membrane and their clinical significance] Sovremennyye metody funktsional'noi diagnostiki sostoiianiia slizistoi obolochki zheludka i ikh klinicheskoe znachenie. [Leningrad] Meditsina, 1965. 210 p. (DNLM)
- VOINO-IASENETSKII, V. V. [Tissue incompatibility and ways to overcome it; based on materials from experimental keratoplasty] Tkanevaya nesovmestimost' i puti ee preodoleniia; po materialam eksperimental'noi keratoplastiki. Moskva, Meditsina, 1965. 202 p. (DNLM)
- VOROB'EV, A. A., N. N. VASIL'EV, and A. T. KRAVCHENKO. [Anatoxins] Anatoksiny. Moskva, Meditsina, 1965. 487 p. (DNLM)
- ZHADOTINSKII, I. M. [Normal and pathological morphology of the neuron] Normal'nai i patologicheskaya morfologiia neirona. [Leningrad] Meditsina, 1965. 322 p. (DNLM)
- AFANAS'YEVA, T. V. [Use of aerial methods in the mapping and studying of soils] Ispol'zovanie aerometodov pri kartirovani i issledovanii pochv. [Moskva] Izd-vo Mosk. univ., 1965. 156 p.
- AKADEMIIA NAUK URSS, Kiev. [Photosynthesis and pigments as factors affecting crops] Fotosintez i pigmenty kak faktory urozhaia. Kiev, Naukova dumka, 1965. 186 p. (Respublikanskii mezhvedomstvennyi nauchnik Seriya "Biokhimiia rastenii i fotosintez") (DNAL)
- ANDRONOV, I. G. [Plant culture on dwarf potatoes] Podovodstvo na kartofolykh podvolakh. Alma-Ata, Kazmat, 1964. 114 p. (CU)
- ARUTUNIAN, A. S. [Fertilizers for vineyards] Udobreniia vinogradnikov. Moskva, Kolos, 1965. 215 p. (DNAL)
- BAZHENKOV, V. F. [Practical training on the mechanization of stockbreeding farms] Praktikum po mekhanizatsii zhivotnovodcheskikh form. Leningrad, Kolos, 1965. 231 p. (Uchebnyi i uchebnyy posobie vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii) (DNAL)
- BITSIN, L. V. [Structure and productivity of mountain forests] Stroenie i produktivnost' gornnykh lesov. Moskva, Lesnaya promyshlennost', 1965. 127 p. (DNAL)
- BURMAKIN, E. V. [Chemical method of developing lakes for fisheries] Khimicheskii metod rybnokhoziaistvennogo priobrazovaniia ozer. Moskva, Promyshlennaya promyshlennost', 1965. 56 p.
- [CONCISE MANUAL ON MINERAL FERTILIZERS] Kratki spravochnik po mineral'nym udobreniam. Minsk, Urozhai, 1964. 237 p. (DNAL)
- DENISOV, N. I., ed. [Production and use of combined feeds] Proizvodstvo i ispol'zovanie kombinirannykh. Moskva, Kolos, 1964. 308 p. (CU)
- DOBROVOL'SKII, B. V., and A. V. PONOMAREV. [Chemical control of harmful insects in the soil] Khimicheskii bor'ba s vrezhnyimi nasekomyimi v pochve. 2. dop. izd. [Moskva] Izd-vo Mosk. univ., 1965. 120 p. (DNAL)
- DOLARENKO, A. G. [The life of the field] Zhizn' polia. Izd. 2. Moskva, Kolos, 1965. 60 p. (DNAL)
- [EACH FARM SHOULD BE PROVIDED WITH A CULTIVATED PASTURE] Kazhdomu khoziaistvu kul'turnoe pastbishche. [Leningrad] Lenzitat, 1965. 114 p. (DNAL)
- FROLOV, B. A. [External parasites of poultry and measures for their control] Naruzhnye parazity ptits i меры bor'by s nimi. Moskva, Kolos, 1965. 64 p. (DNAL)
- GATLIKHI, G. A., A. I. KORNIY, and A. N. LITVINENKO. [Agricultural institutions of higher learning of the U.S.S.R.] Sel'skokhoziaistvennye vuzy SSSR. Moskva, Vysshaya shkola, 1965. 306 p. (MII)
- [HUNTING IN THE UKRAINE] Okhotn na Ukraine. 3. izd. Kiev, Gos. izd-vo sel'skhoz. lit-ry URSS, 1959. 329 p. (TSU)
- IALOVIK, A. V. [Principles for planning mechanized work in agriculture] Osnovy planirovaniia mekhanizirovannykh rabot v zemledelii. Minsk, Urozhai, 1964. 132 p. (CU)
- IEVCHENKO, O. M. [Following the example of Vladimir Svetlichnyi] Za primkladom Volodymyra Svetchenskogo [Kharkiv] Kharkiv'ske knyzhkovoe vyd-vo, 1963. 25 p. (Mnakiy seli) (DNAL)
- IZIUMSKII, P. P. [Methods for renovating poor forest stands] Metody obnoveniia maloznatnykh nasazhdenii. Moskva, Lesnaya promyshlennost', 1965. 151 p. (DNAL)
- KANTOROVICH, A. V. [Flag officers of Soviet agronomy] Flagmai sovetskoi agronomii. Moskva, Znanie, 1965. 47 p. (Novoe v zhizni, nauke, tekhnike, V Seria: Sel'skoe khoziaistvo, no. 21)

15. AGRICULTURE

- G.S. [Chemistry in fish culture] Khimika Moskva, Izd-vo "Znanie," 1965, otdel' universitet' sel'skokhoziaistvennyy no. 11)
- H. [Methods for determining the resistance to Phylloxera] Metody diagnostiki filloksy v vinogradakh Kishinev, Kartia nka, 1965, 139 p.
- A.S., and N.A. RUMIAN'TSEVA. [Agricultures in growing large crops, from the f the Yuryev-Pol'skiy State Variety Testing (Ladmir Province) Agrotekhnika vysokikh z opyta Iu'ev-Pol'skogo gosudarstvennogo tel'nogo uchastka Vladimirskoi oblasti. Vekhne-Volzhskoe knizhnoe izd-vo, 1965.
- S.P. [Frost injury to fruit plantations uggle for large crops] Podmerzanie nasazhdenii i bor'ba za vysokii urozhai. Mosk. rabochii, 1965, 60 p.
- IV, A.R., and L.R. STRUZER [Shelter-ops] Lesnye polosa i urozhai. Leningrad, izdat, 1965, 175 p.
- [Fundamentals of stockbreeding] Osnovy stva. Moskva, Kolos, 1964, 278 p. I uchebnyy posobie dlia vysokikh sel'skomykh uchebnykh zavedenii)
- M. [Sprinklers, theory and construction] nye mashiny, teorii i konstruktsii. Moskva, oente, 1965, 254 p.
- R.A. TOBACCO GROWER] Spravochnik . Moskva, Kolos, 1965, 438 p.
- SAFETY ENGINEERING, INDUSTRIAL LABOR PROTECTION, AND FIRE PRE-ON STATE AND COLLECTIVE FARMS] k izdaniya po tekhnike bezopasnosti, onnoi sanitarii, okhrane truda i pozharnoi vkhiza i kolkhoza. Moskva, Rossiiskhoiz-268 p. (Rabotniki sel'skogo khoziaistva)
- V.V., and M.F. TETENKOVA [Potato] [Kemerovo] Kemerovskoe knizhnoe izd-vo,
- A. [Use of herbicides on collective and] Opyt ispol'zovaniia gerbitsidov v kol'khozakh. Voronezh, Tsentral'no-cheno- hnoe izd-vo, 1964, 64 p.
- A., ed. [Collection of reports at Second Ple-ommission on Research on Fish Culture n Part of the Pacific Ocean] Sbornik dokla- umno Komissii po rybkhoziaistvennomu u zapadnoi chasti Tikhogo okeana. Moskva,)
- ENTRAL'NAIA NAUCHNAIA SEL'SKO- VENNIA BIBLIOTEKA. Spravochno- hskii otdel. [Diogenes stimulators in an- try; bibliographical list of Soviet literature on 1961 to 1964 comprising 244 items] oty v zhivotnovodstve; bibliograficheski estvennoi literatury za 1961-1964 gg. v 244 nazvani. Moskva, Akad. sel'khoz. 25 p.
- ENTRAL'NAIA NAUCHNAIA SEL'SKO- VENNIA BIBLIOTEKA. Spravochno- hskii otdel. [Biological method of plant hographical list of Soviet literature 1964-1965 comprising 210 items] ki metod zaschity rastenii, bibliografi- ok otechestvennoi literatury za 1964- olitchozstve 210 nazvani. Moskva, 1965,
- ENTRAL'NAIA NAUCHNAIA SEL'SKO- VENNIA BIBLIOTEKA. Spravochno- hskii otdel. [Mechanization and elektrifi- itry farms; bibliographical list of Soviet ublished from 1962 to 1964 comprising Mekanizatsiia i elektrifikatsiia pilsvod- m; bibliograficheski spisok otechestven- y za 1962-1964 gg. v kolitchozstve 230 nazva- , 1965, 25 p.
- MOSCOW. TSENTRAL'NAIA NAUCHNAIA SEL'SKOKHO- ZIAISTVENNAIA BIBLIOTEKA. Spravochno-bibli- graficheskii otdel. [Solitea growing of farm plants; Index of Soviet literature published from April 1 to December 31, 1964] Vyrashchivanie sel'skokhozia- stvennykh rastenii bez poshyv, ukazatel' otechestven- noi literatury s 1 aprilia po 31 dekabria 1964 g. Sost E.M. Tsvetava. Moskva, 1965, 43 p.
- MOSCOW. TSENTRAL'NAIA NAUCHNAIA SEL'SKO- KHOZIAISTVENNAIA BIBLIOTEKA. Spravochno- bibliograficheskii otdel. [Use of heterosis in vege- table and vine crop growing, bibliographical list of Soviet literature published from 1959 to 1964 com- prising 182 items] Ispol'zovanie geterozisa v ova- shechevodstve i takhechevodstve, bibliograficheski spi- sok otechestvennoi literatury v kolitchozstve 182 nazva- ni za 1959-1964 gg. Moskva, Akad. sel'khoz. nauk, 1965, 23 p.
- MOSCOW. TSENTRAL'NAIA NAUCHNAIA SEL'SKOKHO- ZIAISTVENNAIA BIBLIOTEKA. Spravochno-bibliog- raficheskii otdel. [Use of plastic materials in agricul- ture; bibliographical list of Soviet literature published from 1961 to 1965 comprising 323 items] Primenenie plastmass v sel'skom khoziaistve, bibliograficheski spisok otechestvennoi literatury za 1961-1965 gg v kolitchozstve 323 nazvani. Moskva, Akad. sel'khoz. nauk, 1965, 38 p.
- NAUCHNAIA KONFERENTSIIA, POSVIAICHENNAIA SHESTIDESATILETIU RABOTY V.V. DOKUCHAEVA "K VOPROSU O POCHVAKH BESSARABII," Kishinev? 1960. [Abstracts of papers of the Scientific Conference Dedicated to the Sixtieth Anniversary of V.V. Dokuchaev's Work "Soils of Bessarabia"] Tezisy dokladov. Kishinev, Shtiintsa, 1960, 63 p. (ICRL)
- NIKONENKO, D.A. [Vegetable growing in Stavropol Territory] Oveshechevodstvo na Stavropol'e [Slavro- pol'] Stavropol'skoe knizhnoe izd-vo, 1965, 221 p. (DNAL)
- PLATONOV, V.I., F.A. SOKOLOV, and D. KUCHIEV. [Cotton growing by Dzhamat Kuchiev's team] Vozdelывание хлопчатника в бригаде Дзамата Кучиева. Moskva, Kolos, 1965, 150 p. (Progres- sivnuiu tekhnologiiu - vsem kolhozam i sovkhozam) (DNAL)
- PLOTNIKOV, K.I. [Summer gastroenteritis and pneumonia in lambs] Letnie gastroenterity i pnevmonii lagnat. Moskva, Kolos, 1965, 206 p. (DNAL)
- RADA, B.F., P.B. INDENOM, and A.N. ANSIN [Car- lots and paraly] Moskov' i peitueska. [Leningrad] Leningrad, 1965, 41 p. (DNAL)
- RASS, T.S. [Fish resources of the European seas of the U.S.S.R. and possibilities for their reponle- ment by acclimatization] Rybnye resursy evropeiskikh morei SSSR i vozmozhnosti ikh popolnenia akklimati- zatsiei. [Moskva] Nauka [1965] 105 p.
- [SAFETY MANUAL FOR THE FOREMEN OF TRACTOR TEAMS] Pamiatka po tekhnike bezopasnosti dlia brigadirov traktornykh brigad. Moskva, Rossiiskhoizdat, 1965, 81 p. (Pamiatka po tekhnike bezopasnosti v sel'skom khoziaistve) (DNAL)
- SAVICHEV, M.I.A. [Collective farm fertilizer plant; practices of the "Pamiat' Lenina" Collective Farm in Khotynets District, Orlov Province] Kolkhoznaya fabrika udobrenii; opyt kolkhoza "Pamiat' Lenina" Khotynetskogo raiona Orlovskoi oblasti. Moskva, Rossiiskhoizdat, 1965, 33 p. (Udobrenie potel i urozhai) (DNAL)
- SMIRNOV, A.M. [Obtaining gastric juice from horses and its use in veterinary medicine] Poluchenie zhetudochnogo soka ot koshadel i primeneni ego v veterinarii. Leningrad, Kolos, 1965, 42 p. (DNAL)
- TISHCHENKO, A.I. [Overall mechanization of row crop cultivation; work practices of the feed production brigade of the "Obil'nyi" State Farm] Kompleksnaya mekhanizatsiia obrabotki pshapennykh, opyt raboty kormodobyvalushchei brigady sovkhosa "Obil'nyi," Simferopol', Izd-vo "Krym," 1964, 35 p. (DNAL)
- TRETYAKOV, N.P. [Poultry industry] Industriia pitsevodstva. Moskva, Znanie, 1965, 23 p. (Novoe v zhizni, nauke, tekhnike. V Serii: Sel'skoe khozia- stvo, no. 22)
- TROSHANIN, P.G. [Organizing foxes protection in forest working circles and logging enterprises] Organizatsiia lesosashchity i leskhozakh i lespromkhozakh. Moskva, Lesnaia promyshlennost', 1961, 120 p. (DNAL)
- TSITSIN, N.V. [Hybridization of plants] Gibrizizatsiia rastenii Moskva, Znanie, 1965, 43 p. (Novoe v zhizni, nauke, tekhnike. V Serii: Sel'skoe khozia- stvo, no. 18)
- [USE OF AERIAL PHOTOGRAPHIC SURVEYING IN FOR- EST ENGINEERING] Pimenenie aeriofototekniky v lesoinzhenernom dele. [By] G.G. Samoilovich i dr. Moskva, Lesnaia promyshlennost', 1965, 354 p. (DNAL)
- VOLKOV, A.M. [With a fishing rod on rivers and lakes] S udochkol po rekam i ozeram. [Perm'] Permskoe knizhnoe izd-vo, 1965, 182 p.
- VSEARMEISKOE VOENNO-OKHOTNICH'E OBSSHCHES- TVO. Tsentral'nyi Sovet [Fundamentals of hunting for sport, minimum requirements for hunters] Osnovy sportivnoi okhoty, okhotminimum. 2 izd., ispr. i dop. Moskva, Voenn izd-vo, M-va oborony SSSR, 1963, 357 p. (NN)
- ZAICHUK, K.S., and G.V. TERUNT'EV. [Seagoing fish- ing boats] Morakie rybopromyshlennye suda. Leningrad, Sudostroenie, 1965, 371 p.
- ZAKIROV, K.Z., I.N. MOTKHIN., and S.KH. CHEVRE- NIKI [Soaproot of Turkestan, its biology and the methods of introducing it into culture] Turkestanakii myl'nyi koren'; voprosy biologii i puti vvedeniia v kul'turu. Tashkent, Izd-vo "Nauka" UzSSR, 1965, 107 p. (DNAL)
- ZUBKOVA, S.V., and A.A. SIMONOVA. [Peat-mineral- ammonia fertilizers; from the practices of "Prigorod-nyi" State Farm] Torfo-mineral'no-ammiachnye udobreniia, iz opyta sovkhosa "Prigorodnyi." Leningrad, Kolos, 1965, 50 p. (Peredovoi opyt iz polia i fermi) (DNAL)

16. TECHNOLOGY

- [ACCELERATING THE CAR TURNOVER] Uskorenie obo- rota vagona. Moskva, Transport, 1965, 92 p.
- ACHERKAN, N.S., and others [Metal cutting machines] Metalloobrabatovushchie stanki. Moskva, Mashinostroenie Vol.1. Acherkan, N.S., ed 2., perov. izd 1965, 764 p.
- AFANASEV, N.A. [Manual for the chief of a rural voluntary fire brigade on fire prevention work] Pamiatka nachal'niku sel'skol dobrovol'noi pozharnoi druzhiny po profilakticheskoj rabote. Moskva, Stroiizdat, 1965, 41 p.
- AGEEV, N.P. [Resistance to deformation of alloyed steels during hot pressure working] Soprotivlenie de- formirovaniu legirovannykh stali pri gorlachem obrab- otke davleniem. Leningrad, 1965, 30 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya Gorlachaia i khol- lochnaia obrabotka metalia davleniem)
- AKADEMIIA NAUK GRUZINSKOI SSR, Tbilis. Institut stroitel'noi mekhaniki i seismostoičnosti. [Seismic stability of structures] Seismostoičnost' sooruzhenii. Tbilisi, Mestnieteka, 1965, 170 p.
- AKADEMIIA NAUK SSSR Institut nauchnoi informatsii. [Railroad transportation] Zheleznodorozhnyi trans- port. Moskva, 1964, 140 p. (Itogi nauki i tekhniki)
- AKADEMIIA NAUK URSR, Kiev Institut problem mater- ialoznavstva [Bibliography of works of the members of the Institute of Problems in the Study of Materials of the Academy of Sciences of the Ukrainian S.S.R., 1962-1963] Bibliografiia trudov soavudnikov Instituta problem materialovedeniia AN USSR (1962 i 1963 gg.) Kiev, In-i tekhn. Informatsii, 1965, 53 p.
- AKHMEDOV, T.D., and R.G. GORSKII. [Technology of the manufacture and the design of reinforced concrete pipes] Tekhnologia izgotovleniia i raschet zhelezo- betonnykh trub. Baku, Azernesher, 1965, 231 p.
- ALIEV, I.M., and others. [Experience in the exploitat- ion of injection wells in the Neftyanoye Kammi field] Opyt ekspluatatsii nagnetatel'nykh skvazhin na mesto- rozhdenii Neftianoye Kammi. Baku, Azernesher, 1965, 83 p.

- ALFV, T. M., A. M. MELIK-SHAHINAZAROV, and I. I. SHAIN. [Automatic a.c. compensating devices] Avtomaticheskie kompensatsionnye ustroystva p.e.o-mennogo toka. Baku, Azerbaidzhanskoe gos. izd-vo, 1965. 359 p.
- ALTUNDOZH, N. V., R. A. MAMEDOVA, and I. E. RUDENKO. [Organization and planning of wool-spinning factories] Organizatsiia i planirovaniye sherslopl'nykh fabrik. Moskva, Legkaya industriya, 1965. 291 p.
- AMBARTSUMIAN, A. P., S. B. KRIUCHIKINA, and P. I. NIKITIN. [Methods of secondary recovery of oil] Vtorichnye metody dobychi nefli. Moskva, Nedra, 1965. 173 p.
- ANATOL'EVSKI, P. A., and L. V. GAL'PERIN. [Intakes for underground water] Prakticheskie aspekty vvedeniya podzemnykh vod, zarubezhnyy opyt proektirovaniya, stroitel'stva i ekspluatatsii luchevykh vodozaborov. Moskva, Stroizdat, 1965. 117 p.
- ANDREEV, I. S. [Use of new types of pneumatic transport equipment in the aluminum industry] Opyt primeneniya novykh vidov pnevmotransportnykh ustroystv v aluminievoy promyshlennosti. Leningrad, 1965. 20 p. (Leningradskiy dom nauchno-tekhnicheskoy propagandy. Proizvodstvennyy opyt Seriya Mekhanizatsiya transportnykh i pogruzochno-razgruzochnykh rabot v promyshlennosti)
- ANFIMOV, M. I. [Reducing gears, design and construction] Reduktory, konstruktivnyy raschet, 2 izd., perer. i dop. Moskva, Mashinostroyeniye, 1965. 286 p.
- ANGERYAKS, A. I. [Using glass lubricants in the hot pressure working of metals and alloys] Primeneniye stekol dlya smazok pri gorjachei obrabotke metallov i spлавov davleniem. Leningrad, 1965. 22 p. (Leningradskiy dom nauchno-tekhnicheskoy propagandy. Proizvodstvennyy opyt Seriya Gorlachaia i kholodnaya obrabotka metallov davleniem)
- ARBUZOV, B. A. [Efficient methods of preparing coated mixtures] Ratsional'nye sposoby prigotovleniya plakirovannykh smesel. Leningrad, 1965. 23 p. (Leningradskiy dom nauchno-tekhnicheskoy propagandy. Proizvodstvennyy opyt Seriya Litseinoe proizvodstvo, tekhnicheskaya obrabotka i metallovedeniye)
- AVAKOV, A. A. [Nonresharpenable cutting tools] Naperetachivaemye rez'tay. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1965. 52 p.
- AVDIUKOVICH, V. K. [Organization of radio communications in topographic, geodetic and geological field work] Organizatsiia radiosv'язi na topografiko-geodezicheskikh i geologicheskikh rabotakh. Moskva, Nedra, 1965. 98 p.
- BABALIAN, G. A., ed. [Prevention of paraffin deposition] Bor'ba s otlazheniyami parafina. Moskva, Nedra, 1965. 339 p.
- BADALOV, S. T. [Mineralogy and geochemistry of the endogenic deposits of the Altay region] Mineralogiia i geokhimiia endogennykh mestorozhdenii Altayskogo rudnogo raiona. Tasikent, Izd-vo "Nauka" Uzbekskoy SSR, 1965. 274 p.
- BALAKIROV, I. A. [Interference tests and thermography of oil wells and layers] Gidropostizhivaniye i termografirovaniye neftnykh skvazhin i plastov. Baku, Azerbaidzhanskoe gos. izd-vo, 1965. 109 p.
- BALYKOV, V. M., N. V. BOGUTSKII, and I. A. N. KHALFIN. [Coal cutter-loaders] Ugol'nye kombainy. Moskva, TSNIPI, 1965. 40 p. (Obzor inostrannykh izobretenii)
- BANDAS, A. M., and S. V. SHAPIRO. [Electric transformers with bias control] Transformatory, reguliruyemye podmagnichivaniem. Moskva, Energita, 1965. 158 p. (Biblioteka po avtomatike, no. 147)
- BASHARINOV, A. E. [Use of wideband probe signals in distance and speed measurements, a summary of lectures] Primeneniye shirokopolosnykh zondirovushchikh signalov pri izmereniyakh dal'nosti i skorosti; konspekt lektsii. Red. A. F. Bogomolov. Moskva, Mosk. energ. in-t, 1965. 33 p.
- BELAVIN, O. V., and M. V. ZEROVA. [Modern means of radio navigation] Sovremennyye sredstva radionavigatsii. Moskva, Sovetskoe radio, 1965. 279 p.
- BERDINSKII, I. P. [Wood gluing] Skleivaniye drevesiny. Izd. 2., perer. i dop. Kiev, Budivelnik, 1965. 322 p.
- BEZRUK, V. M. [Soil stabilization] Ukreplenie gruntov. Moskva, Transport, 1965. 339 p.
- BLAHNIK, ROMAN, and VALERIE ZANOVÁ. [Microbiological corrosion] Translated from the Czech. Mikrobiologicheskaya korrozia. Moskva, Khimika, 1965. 221 p.
- BLIAKHMAN, E. M., and others. [Epoxies and resins based on polyhydric alcohols and their use] Epoksidnyye smoly na osnove mnogotselnykh spirtov i ikh primeneniye. Leningrad, 1965. 28 p. (Leningradskiy dom nauchno-tekhnicheskoy propagandy. Proizvodstvennyy opyt Seriya Sinteticheskie materialy i oblasti ikh primeneniia)
- BRAUN, D. A. [New materials in engineering] Novyye materialy v tekhnike. Moskva, Vysshaya shkola, 1965. 191 p.
- BURGOV, V. A. [Principles of television broadcasting of films] Osnovy kinotelevizionnoy tekhniki. Moskva, Iskusstvo, 1964. 812 p.
- BUTT, I. U. M., ed. [Technology of binding materials] Tekhnologiya vlyazhushchikh veshchestv. [By] I. U. M. Butt i dr. Moskva, Vysshaya shkola, 1965. 619 p.
- BUTT, I. U. M., and L. N. RASHKOVICH. [Hardening of binding materials at high temperatures] Tverdeniye vlyazhushchikh pri povyshennykh temperaturakh. Izd. 2., perer. i dop. Moskva, Stroizdat, 1965. 222 p. (Ilus. charts (insert))
- CHERNIAK, A. I. [Mechanical drawing for the worker, an index of recommended literature] Rabochemu - o tekhnicheskoy chertchenii, i rekomendatsii'nyy ukazatel' literatury. Moskva, Gos. biblioteka SSSR, 1959. 34 p. (NN)
- CHERNIGOVSKI, A. A. [Computation of slab charges for the opening up of minerals] Raschet ploskikh zavladov dlya vskrytiya poleznykh iskopaemykh. Pod red. G. I. Pokrovskogo. Moskva, Nedra, 1965. 95 p.
- CHETVERIKOV, S. S. [Metal-cutting tools; their design and manufacture] Metallorozhushchie instrumenty, proektirovaniye i proizvodstvo. Izd. 5., perer. i dop. Moskva, Vysshaya shkola, 1965. 730 p.
- DADASHEV, F. G. [Hydrocarbon gases in Tertiary sediments in eastern Azerbaijan, Apsheron oil and gas province] Uglevodorodnye gazy tretichnykh otlozhenii Vostochnogo Azerbaidzhana, Apsheron-skaya neftegazonosnaya oblast'. Baku, Izd-vo Akad. nauk Azerbaidzhanskoy SSR, 1965. 125 p.
- DAVYDENKO, I. D., and A. S. SHEVELEV. [Automatic welding of small parts] Avtomaticheskaya svarka malogabari'tnykh detalей. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1965. 124 p.
- DERGUNOVA, A. A. [Processing of gels] Obrabotka kishok. 2. izd., perer. i dop. Moskva, Pishchevala promyshlennosti, 1965. 183 p. (Uchebnoe posobie dlya podgotovki kadrov massovykh professii)
- EMERDZHANOV, R. T. [Principles of technological calculations in petroleum refining] Osnovy tekhnologicheskikh raschetov v neftepererabotke. Moskva, Khimika, 1965. 543 p.
- FILIPPOV, N. P. [Safety manual for filters and assemblies of control devices] Pamiatka po tekhnike bezopasnosti dlya slesar'no-montazhnika kontol'nykh priborov. Moskva, Stroizdat, 1965. 23 p. (Tekhnika bezopasnosti v stroitel'stve)
- FURIN, A. I. [Finishing and upholstering of furniture] Otketka i obivka mebeli. Moskva, Lesnaya promyshlennost', 1965. 187 p.
- GAIDAEV, P. A. [Leveling of class 3 and 4 geodetic nets; a practical handbook] Uravnivaniye geodezicheskoi seti 3 i 4 klassov; prakticheskoe posobie. Moskva, Nedra, 1965. 169 p.
- GALAKTIONOV, A. V. [Mechanical properties of the new building material, FL-1 foam plastic] Mekhanicheskie svoystva novogo stroitel'nogo materiala - penoplasta FL-1. Leningrad, 1965. 21 p. (Leningradskiy dom nauchno-tekhnicheskoy propagandy. Nauchno-tekhnicheskii opyt Seriya Stroitel'nye materialy i konstruktii)
- GANELIN, G. Z., and I. G. KULAEVA. [Switching connection switches] Pereluchatel'i p'riklucheniya i klyucheniya (PPS). Leningrad, 1965. 21 p. (Leningradskiy dom nauchno-tekhnicheskoy propagandy. Nauchno-tekhnicheskii opyt Seriya Priklucheniya i klyucheniya)
- GEL'FMAN, G. N., and V. S. DANUSHVILI. [Condition of cement stone in oil wells] Sostoyaniye cementnogo kamnia v neftnykh skvazhinakh. [Baku, Azerbaidzhanskoe gos. izd-vo] "Baskirostan," 1961. 59 p.
- GLADILIN, L. V. [Selecting steel for the production of die-stamped objects] Vybior stali dlya obrabotki die-stampovykh izdelii. Leningrad, 1965. 14 p. (Leningradskiy dom nauchno-tekhnicheskoy propagandy. Proizvodstvennyy opyt Seriya Gorlachaia i kholodnaya obrabotka metallov davleniem)
- GLUKHANOV, N. P. [Physical principles of high-frequency heating] Fizicheskie osnovy vysochekh frekvetsiiy nagreva. Izd. 3., 1961 i dop. Pod red. A. A. Zhelezina. Moskva, Mashinostroyeniye, 1965. 70 p. (Biblioteka vysochekhnostnoy tekhniki, kn. 2)
- GMOSHINSKII, V. G. [Industrial methods of pile foundations] Industrial'nye metody vozvedeniya svaynykh fundamentov. Moskva, TSNIPI, 1965. 114 p. (In-t patentnoi informatsii i tekhniko-ekonom. issledovaniy, 1965. 47 p. (Obzor inostrannykh izobretenii))
- ONEDENKO, B. V., I. U. K. BELIAEV, and A. E. SOLOV'EV. [Mathematical methods in probability theory; fundamental characteristics of probability and their statistical analysis] Matematicheskiye metody v teorii nadezhnosti, osnovyye kharakteristiki nadezhnosti i ikh statisticheskii analiz. Moskva, Nauka, 1965. 524 p. (Fiziko-matematicheskaya biblioteka inzhenera)
- GOLUBTSOV, N. V. [Design of statically loaded beam structures] Raschet slozhnykh ian. Ucheb.-metod. posobie. Rostovskoe knizhnoe izd-vo, 1964. 95 p.
- GORDEEV, V. A. [Dynamics of the mechanism for work releasing and tensioning in looms] Dinamika mekhanizmov otpuska i natiagivaniya osnovykh elementov stankov. Moskva, Legkaya industriya, 1965. 273 p.
- GORN, L. S., B. N. KONONOV, and K. F. KURBANOV, eds. [Nuclear instrument methods] Metody yadernykh priborov dlya nauchno-tekhnicheskikh issledovaniy. Atomizdat, 1964. (NIP)
- GREKOV, V. I. [Automation of production processes in light industry enterprises] Avtomatizatsiya tekhnicheskikh protsessov na predpriyatiakh legkoy promyshlennosti. Moskva, Legkaya industriya, 1965. 322 p.
- GRUZINOV, I. A. [Method for calculating the life of a machine for endurance] Metodika rascheta plingovozmushchey na vyнослиvost'. Baku, Azerbaidzhanskoe gos. izd-vo, 1965. 125 p.
- GULEVICH, A. I., and A. P. KIRLEV. [Manufacture of power condensers] Proizvodstvo silovyykh kondensatorov. Moskva, Vysshaya shkola, 1965. 125 p.
- GURAL'NIK, M. I. [Mechanization of loading and unloading operations in refrigerators] Mekhanizatsiya pogruzochno-razgruzochnykh rabot na kholodil'nykh priborakh. Moskva, Pishchevala promyshlennosti, 1965. 136 p.
- GURVICH, S. G., G. A. IL'YASH

- IARKOV, A. M., ed.** [Adjustment and operation of automatic lines composed of standard units, a handbook] *Naladka i ekspluatatsiya avtomaticheskikh lini iz normalizovannykh uzlov, spravochnoe posobie.* [By] M. M. Gol'din i dr. Moskva, Mashinostroyeniye, 1965. 443 p.
- IL'IN, V. A.** [Remote control and its use in the national economy] *Telemekhanika i ee primeneniye v nauchno-issledovatel'skoy, promyshlennoy i nauchno-issledovatel'skoy oblasti*. Moskva, Nauka, 1965. 146 p. (Nauchno-populyarnaya seriya)
- ILUKOVICH, A. M., and B. R. SHUL'MAN.** [Regulators and regulated a. c. power supply sources] *Stabilizatory i stabilizirovannyye istochniki pitaniya peremennogo toka.* Moskva, Energiya, 1965. 119 p. (Biblioteka po avtomatike, no. 146)
- IONIN, A. A.** [Gas supply] *Gazosnabzheniye.* Moskva, Stroiizdat, 1965. 446 p.
- IVANOV, V. P.** [Study of materials for house painters] *Materialovedeniye dlya malinov.* Izd. 2., 1 i 2 dop. Moskva, Vysshaya shkola, 1965. 176 p.
- KALASHNIKOV, V. A., and R. SI. SABIROV.** ["Ufa" welding torch, practical manual for introducing the use of propane-butane mixtures in the flame machining of metals] *Svarochnaya gorelka "Ufa"; prakticheskoe posobie po vvedeniyu v gazoplazmennuyu obrabotku metallov propan-butanovykh smesey.* Ufa, Bashkirskoe knizhnoye izd-vo, 1963. 103 p.
- KAMINSKIY, E. A.** [Electrical wiring of dwellings and how to handle it] *Kvartirnaya elektroprovodka i kak s ney obshchatsya.* Izd. 3. Moskva, Energiya, 1965. 151 p.
- KARTASHOV, I. N.** [Organizing the transition to new types of machines without stopping the output] *Organizatsiya perekhoda na novyye modeli mashin bez prekrashcheniya vypuska.* [Izv.] Izd-vo L'vovskogo univ., 1965. 230 p.
- KHAL'FAN, I. A.** [Braking characteristics of an automobile] *Tormoznye kachestva avtomobilya.* Moskva, Transport, 1965. 78 p. (Nauchno-populyarnaya biblioteka avtomobilista)
- KHARITONOV, N. P., and others.** [Use of coatings of the organosilicate material VN-30 for anticorrosion protection of masonry and welded joints in precast reinforced concrete] *Primeneniye pokrytiy iz organosilikatnogo materiala VN-30 dlya antikorrozionnoy zashchity zhidkikh detalей i svaynykh soedineniy v sbornom zhelezobetonе.* Leningrad, 1965. 31 p. (Leningradskiy dom nauchno-tekhnicheskoy propandandy. Proizvodstvennyy opyt. Seriya: Stroitel'nye materialy i konstruktsii)
- KHAR'KOVSKIY MOTOROSTROITEL'NIY ZAVOD "SERP I MOLOT"** [Catalog of parts of the SMD-14 engine and its modifications] *Katalog detalей dvigatelya SMD-14 i ego modifikatsiy.* Moskva, Mashinostroyeniye, 1965. 136 p.
- KHLENIN, M. L., and others.** [Selecting conditions for the thermal stabilization of certain light alloys for high precision parts] *Vybor rezhimov termicheskoy stabilizatsii nekotorykh legkiy spлавov dlya detalей vysokoy tochnosti.* Leningrad, 1965. 28 p. (Leningradskiy dom nauchno-tekhnicheskoy propandandy. Proizvodstvennyy opyt. Seriya: Litelnoye proizvodstvo, termicheskaya obrabotka i metallovedeniye)
- KHMELEV, A. D.** [Receiving and the determination of the quality of milk and dairy products] *Prilozheniye k opredeleniyu kachestva moloka i molochnykh produktov.* Izd. 2., perer. i dop. Moskva, Kotsa, 1965. 151 p.
- KIBRIK, P. S., and G. R. LIBERMAN.** [Manual for boiler machinists (firemen)] *Pamiatka mashinista (kochenika) parovogo kotla.* Moskva, Energiya, 1965. 119 p.
- KIEV, UKRAINS'KIY NAUKOVO-DOSLIDNIY INSTITUT TORGOVI TA PROMADY KOHO KHARCHUVANNIA.** [Ukrainian dishes] *Ukrains'ki stravy.* 4. vypravlene vyd. Kyiv, Dorzh. vyd-vo tekhn. lit-ry URSSR, 1963. 450 p. (CU)
- KILIMNIK, I. V., and R. V. KHOCHENKO.** [Adjustment of the devices of systems and mechanisms of motor vehicles] *Regulirovka priborov sistem i mekhanizmov avtomobilya.* Kishinev, Kartia moldovenianska, 1964. 106 p.
- KORILLOV, P. G.** [Theory of metalworking by pressure] *Teoriya obrabotki metallov davleniem.* Moskva, Vysshaya shkola, 1965. 295 p.
- KIZELOV, M. F.** [Anticorrosion coatings for floors] *Antikorrozionnyye pokrytiya polov.* Leningrad, 1965. 36 p. (Leningradskiy dom nauchno-tekhnicheskoy propandandy. Proizvodstvennyy opyt. Seriya: Stroitel'nye materialy i konstruktsii)
- KOCHERGA, A. I., I. A. S. STOLIAROV, and B. G. LAZAREV.** [Planning the economic activities of public food service enterprises] *Planirovaniye khozaystvennoy detalei'nosti predpriyatiy obshchestvennogo pitaniya.* Moskva, Ekonomika, 1964. 231 p. (CU)
- KOLYCHEV, B. S.** [The atom quenches thirst] *Atom utolchaet zhazhdu.* Moskva, Atomizdat, 1965. 61 p. (Nauchno-populyarnaya biblioteka Atomizdata)
- KOMAROV, A. A.** [Principles of designing power elements] *Osnovy projektirovaniya silovyykh konstruktov.* [Kuibyshev] Kuibyshevskoe knizhnoye izd-vo, 1965. 86 p.
- KOPERIN, F. I., and N. P. FEDYSHIN.** [Preparation of lumber for export] *Podgotovka plomaterialov na eksport.* [Arkhangelsk] Severo-Zapadnoye knizhnoye izd-vo, 1965. 122 p.
- KOPTEV, A. A.** [Construction of an a. c. contact network; work practices of the workers of work train No. 259] *Montazh kontaktov sili peremennogo toka, opyt kollektivnogo stroitel'stva montazhnogo poezda No. 259.* Moskva, Transport, 1965. 147 p.
- KOROTKOV, V. I.** [Standardization trend in the design and adoption of new machines] *Normalizatsionnoye napravleniye v sozdani i osvoinii novykh mashin.* Moskva, Izd-vo Standartov, 1965. 122 p.
- KOSTETSKII, B. I., and I. G. NOSOVSKIY.** [Wear resistance and anti-friction properties of machine parts] *Izносостойкость i antifrictionnost' detalей mashin.* Kiev, Tekhnika, 1965. 205 p.
- KOSYKH, I. S.** [Instructions for firemen concerning gas and smoke protection measures] *Pozharnomu o gazodymozashchitnoi sluzhbe.* Moskva, Stroiizdat, 1965. 51 p.
- KRASNIANSKAYA, T. M.** [New methods for establishing the norms of fabric expenditure in clothing factories] *Novyye v formirovani raskhoda tkan na shveynykh fabrikakh.* Leningrad, 1965. 34 p. (Leningradskiy dom nauchno-tekhnicheskoy propandandy. Proizvodstvennyy opyt. Seriya: Obshchepredovyye proizvodstvennyy i nauchno-tekhnicheskii opyt v shveynoi promyshlennosti)
- KRASNOBORODKIN, V. A.** [Plastic materials from wood waste and their use] *Plastmassy iz otkhodov drevesy i ikh primeneniye.* Ufa, Bashkirskoe knizhnoye izd-vo, 1963. 95 p.
- KREINIS, M. A., and M. S. ROZOVSKIY.** [Gears, mathematical bases for the selection of optimal systems] *Zubchatyye mekhanizmy, matematicheskiye osnovy vybora optimal'nykh skhem.* [Moskva] Izd-vo Mosk. univ., 1965. 333 p.
- KRICHEVSKIY, V. D.** [Metal coating and repair work] *Metallizatsiya i remontnyye raboty.* Tallinn, Gos. kom-ty Soveta Ministrov Estonskoy SSR po koordinatsii nauchno-issled. rabot, 1964. 74 p.
- KULIKOV, V. V.** [Simultaneous and consecutive mining of ore deposits] *Sovmestnaya i povtornaya razrabotka rudnykh mestorozhdeniy.* Moskva, Nedra, 1965. 291 p.
- KUZ'MIN, V. A.** [Using a slide rule with a special runner in fitting and machining work] *Ispol'zovanie logarifmicheskoy lishki so spetsial'nym dvizhkom pri vypolnenii slezarno-mekhanicheskikh rabot.* Leningrad, 1965. 16 p. (Leningradskiy dom nauchno-tekhnicheskoy propandandy. Proizvodstvennyy opyt. Seriya: Metody i sredstva kontrolya, kachestva i nadezhnosti mashin i priborov)
- LADYZHENSKIY, M. M.** [Low-voltage transistor switches] *Transistornyye pereklyuchately mal'nykh napryazheniy.* Leningrad, 1965. 32 p. (Leningradskiy dom nauchno-tekhnicheskoy propandandy. Proizvodstvennyy opyt. Seriya: Pribory i elementy avtomatiki)
- LANTSOV, V. A., and L. A. POLONSKIY.** [Vacuum load-lifting devices in construction] *Vakuumnyye gruzozaklyuchayemyye priyosobleniya v stroitel'stvo.* Leningrad, 1965. 17 p. (Leningradskiy dom nauchno-tekhnicheskoy propandandy. Proizvodstvennyy opyt. Seriya: Stroitel'nye proizvodstvo)
- LAUKO, ONDREJ.** [Russian-Slovak and Slovak-Russian dictionary of building terms] *Rusko-slovensky a slovensko-rusky stavebnicky slovník.* Bratislava, Slovenské vyd-vo technickej lit-ry [1963] 1305 p.
- LEBEDEV, N. I., and G. I. POMINOV.** [Water transportation of lumber] *Vodnyy transport lesa.* Moskva, Lesnaya promyshlennost', 1965. 396 p.
- LENINGRAD, INSTITUT ELEKTROMECHANIKI.** [Electrical machines; studies, problems of theory and design] *Elektricheskiye mashiny, issledovaniya, voprosy teorii i rascheta.* Moskva, Nauka, 1965. 300 p.
- LEONT'EV, S. N., and I. V. BARONSKIY, eds.** [Building of mining enterprises] *Stroitel'stvo gornyykh predpriyatiy.* [By] I. V. Baronskiy i dr. Moskva, Nedra, 1965. 323 p.
- LEVANOV, N. M., and D. G. SUVORKIN.** [Reinforced concrete elements] *Zhelezobetonnyye konstruktsii.* Moskva, Vysshaya shkola, 1965. 671 p.
- LEVENBERG, S. I. A.** [Carpentry in everyday life] *Stroitel'nye raboty v bytu.* Moskva, Legkaya industriya, 1965. 130 p.
- LEVITIN, K., and A. MELAMED.** [Hot light] *Gorjachi svet.* Moskva, Znanie, 1965. 44 p. (Novoe v zhizni, nauka, tekhnika. IV Seriya: Tekhnika, no. 20)
- LOMANOVICH, V. A.** [Chemical electronics] *Khimotronika.* Moskva, Znanie, 1965. 31 p. (Novoe v zhizni, nauka, tekhnika. IV Seriya: Tekhnika, no. 22)
- LOSAVIO, G. S.** [Starting motor-vehicle engines without preheating] *Pusk avtomobil'nykh dvigateley bez razogreva.* Moskva, Transport, 1965. 101 p.
- LUKER'IN, A. A.** [Geodetic tables of coordinate increments, elevations, circular curve elements, and square roots of numbers] *Geodezicheskiye tablitsy prirashcheniy koordinat, prevysheniy, elementov krugovykh krivyykh i kvadratnykh kornei iz chisl.* Kiev, Budivelnik, 1965. 130 p.
- MAIZEL, I. L., and M. F. SUKHAREV.** [Fireproof per-life insulating concrete] *Zharopornyiy teploizolyatsionnyy perlitobeton.* Moskva, Stroiizdat, 1965. 125 p.
- MAKHNOVICH, A. T.** [Safety manual for workers servicing cement silos and bunkers] *Pamiatka po tekhnike bezopasnosti dlya rabochikh, obsluzhivayushchikh tsementnyye silosy i bunkery.* Moskva, Stroiizdat, 1965. 27 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)
- MAKRUSHIN, A. I. A.** [Improving the quality of the repair of construction equipment and road machines] *Povysheniye kachestva remonta stroitel'nykh i dorozhnykh mashin.* Leningrad, 1965. 24 p. (Leningradskiy dom nauchno-tekhnicheskoy propandandy. Proizvodstvennyy opyt. Seriya: Stroitel'nye proizvodstvo)
- MALAKHOVSKIY, I. A. E., and G. I. GOL'DBERG, comps.** [French-Russian motor-vehicle and tractor dictionary] *Frantsuzsko-russkiy avtotraktornyiy slovar'. Red. S. D. Zhetikov.* Moskva, Sovetskaya Entsiklopediya, 1965. 450 p.
- MAMEDOV, A. I.** [Method for calculating electric lines for offshore oil fields] *Metodika rascheta elektricheskikh setey dlya morskikh neftepranystv.* Baku, Azerneshir, 1965. 203 p.
- [MANUAL FOR IRRIGATION ENGINEERS]** *Spravochnik gidrotekhnika-irrigatora.* Tashkent, Uzbekistan. Pt. 2. 1964. 328 p.
- MARGULIS, D. K.** [High-efficiency broaching] *Vysokoproduktivnoye protigivaniye.* [Cheliabinsk] Uzhno-Ural'skoe knizhnoye izd-vo, 1965. 108 p.
- MARKOVSKIY, E. A., and V. I. FIKHONOVICH.** [Radioactive testing of the wear of parts of internal combustion engines] *Radioaktivnyy kontrol' iznosa detalей dvigateley vnutrennego sgoraniya.* Kiev, Tekhnika, 1965. 74 p.
- [MEAT AND CANNED MEAT]** *Miaso i miasnyye konservy.* Izd. ofitsial'nogo. Moskva, Izd-vo Standartov, 1965. 442 p. (SSSR. Gosudarstvennyye standarty)
- MEERZON, S. I.** [Protection of Soviet inventions abroad] *Zashchita sovet'skikh izobreteniy za granitsy.* Moskva, Iuridicheskaya literatura, 1965. 66 p.

- MEL'NIKOV, N. V. [Outstanding people in mining engineering] Vydaiushchiesia detalei goi noi nauki, Moskva, Nedra, 1965. 99 p. (Nauchno-populiarnaya seriya po gornomu delu)
- MESHCHERSKII, M. D. [Maintenance and repair of automatic couplers] Remont avtomaticheskikh, Transport, 1965. 138 p.
- [METALWORKER'S HANDBOOK IN THREE VOLUMES] Spravochnik metallista v trekh tomakh. Izd. 2., perer. Moskva, Mashinostroenie. Vol. 1, Acherkan, N. S., ed. 1965. 1007 p.
- MEZHVIUZOVSKOE NAUCHNOE SOVESICHIANIE PO TEORII I PRAKTIKE INTENSIFIKATSII PROTSESSOV V KONVERTERAKH I MARTENOVSKIKH PECHAKH. [Theory and practice of the intensification of processes in converters and open-hearth furnaces, transactions.] Teoriia i praktika intensifikatsii protsessov v konverterskikh i martenovskikh pechakh, [trudy]. [Moskva] Metallurgiya, 1965. 552 p.
- MIKHAILOV, A. V. [High-voltage technology in examples and problems] Tekhnika vysokikh napriazhenii v primerakh i zadachakh Moskva, Vysshaya shkola, 1965. 225 p.
- MIL'MAN, I. A. V., and V. G. LESHCHENKO. [Automated electrical drives of the machinery of synthetic fiber factories] Avtomatizirovannyi elektroprivod mashin zavodov sinteticheskogo volokna. Moskva, Mashinostroenie, 1965. 195 p.
- MIRCHINK, M. F., and others. [Geological prerequisites for the development of the petroleum- and gas-production industry of the U.S.S.R.] Geologicheskie predposylki razvitiia neftegazodobyvaushchego promyshlennosti SSSR. Leningrad, Nedra, 1965. 112 p.
- MIRSALEEV, S. B., and M. V. SKORNIakov. [Failures and troubles in major repairs of wells] Avarii i oslozheniia pri kapital'nom remonte skvazhin. Moskva, Nedra, 1965. 84 p.
- MOROZOV, V. P. [Radio-amateur transistor testing devices] Radiolubitel'skie pribory dlia proverki tranzistorov. Moskva, DOSAAF, 1965. 58 p.
- MOSCOW, INSTITUT GEOLOGII I RAZRABOTKI GORUCHIKH ISKOPAEYMOI. [Characteristics of the geological structure of oil and gas occurrences in Caspocasia and adjacent regions] Osobennosti geologicheskogo stroeniia i neftegazonosnosti Predkavkaz'ia i sopredel'nykh raiionov. Moskva, Nauka, 1965. 174 p.
- MOSCOW, INSTITUT MASHINOVEDENIIA. [Vibrations and strength at variable stresses] Kolebania i prochnost' pri peremennykh napriazheniiakh. Moskva, Nauka, 1965. 198 p.
- MOSCOW, INSTITUT METALLURGI. [Metallography of light alloys] Metallovedenie legkikh spлавov. Moskva, Nauka, 1965. 226 p.
- MOSCOW, INSTITUT METALLURGI. [Role of dislocations in the hardening and the failure of metals] Rol' dislokatsii v uprochnenii i razrushenii metallov. Moskva, Nauka, 1965. 178 p.
- MOSCOW, NAUCHNO-ISLEDOVATELSKII INSTITUT AVTOMOBIL'NOGO TRANSPORTA. [Maintenance and repair of imported motor vehicles, a provisional manual] Tekhnicheskoe obsluzhivanie i remont importnykh avtomobilov, vremennoe rukovodstvo. Moskva, Transport, 1965. 117 p.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- AN-UMON Contest for "Furniture for apartment and public buildings" Mebel' obshchestvennykh zdani; katalog. Po itogam 2-go Vsesoiuznogo konkursa "Mebl' zhilykh i obshchestvennykh zdani," Moskva, Stroizdat, 1965. 188 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Moskva, Legkaya industriia, 1965. 110 p. illus.
- MOSCOW, TSENTRAL'NAIA OPYITNO-TEKHNIChESKAI A SHEVINAIA LABORATORIA. [Eliminating shortcomings in sewing clothes according to individual orders] Ustranenie nedostatkov pri poshivie odevzdy po individual'nym kazakam. [2, Izd.] Mosk

- POKROVSKI, V. F. [Planning technological preparation of production in the machine industry] Planirovaniye tekhnicheskoy podgotovki proizvodstva v mashinostroenii. Leningrad, 1965. 47 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya Ekonomika, organizatsiia i planirovaniye proizvodstva)
- POLITOV, I. V., and N. A. KUZNETSOV. [Vibratory machining of parts for machines and instruments] Vibratsionnaya obrabotka detalей машин i priborov. Pod red. G. A. Glazova. [Leningrad] Lentzdat, 1965. 124 p.
- POLUEKTOV, I. A., and others. [New technology of mine shaft sinking] Novaya tekhnologiya sputuzheniya shakhtnykh stvolov. Moskva, Nedra, 1965. 113 p.
- POPOV, V. S., M. M. MANSUROV, and S. O. NIKOLAEV. [Electrical engineering] Elektroekhnika. Pereklad z 6. pereoblencho rossijskogo vydaniia. Kiev, Derzh. vyd-vo tekhn. lit-ry URSR, 1959. 370 p. (MID)
- [POTATOES, VEGETABLES, BERRIES, CUCURBITACEAE, MUSHROOMS AND THEIR PROCESSED PRODUCTS, collection of state standards, republic technical specifications and technical specifications] Kartofel', ovoshchi, plody, jagody, bakhchevyye kul'tury, griby i produkty iz ih pol'zovateli, sbornik gosudarstvennykh standartov, respublikanskikh tekhnicheskikh uslovii i tekhnicheskikh uslovii. Moskva, Izd-vo Standartov, 1965. 298 p.
- POZDNIakov, B. P. [Sampling methods in spinning] Metody izbora prob v pradenii. Moskva, Legkaiia industriia, 1965. 226 p.
- PREOBRAZHENSKI, A. A. [Magnetic materials] Magnitnye materialy. Moskva, Vysshiaia shkola, 1965. 234 p.
- PROKHOROV, V. R. [Manufacture of food products from potato and corn] Proizvodstvo pishchevnykh produktov iz kartofelia i kukury. Moskva, Pishchevaia promyshlennost', 1965. 307 p.
- [RADIO AMATEUR'S HANDBOOK] Spravochnik radio-ambitel'ia. [By] R. M. Teleshchuk i dr. Izd. 5., perer. i dop. Kiev, Tekhnika, 1965. 1150 p.
- RANDMER, U. I. [Metallurgical processes during welding] Metallurgicheskie protsessy pri svazke. Tallin, Tallinskii politekhn. inst., 1964. 41 p.
- REIBMAN, A. I. [New paint materials] Novye lakokrasochnye materialy. Leningrad, 1965. 36 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya Zashchitnye i dekorativnye pokrytiia)
- REINBERG, M. G. [Horizons of computer technology] Goriizonty vyekhsitel'noi tekhniki. 2. dop. Izd. Moskva, Znaniye, 1965. 93 p. (Narodnyi universitet. Tekhniko-ekonomicheskie fakul'tet, no. 9)
- ROGOVSKII, T. T., V. A. POZDIN, and M. I. IARUSHIN. [Mechanization, organization, and production in hydraulic engineering] Mekhanizatsiia, organizatsiia i proizvodstvo gidrotekhnicheskikh rabot. Moskva, Kolos, 1965. 518 p. (Uchebnyi i uchebnye posobiia dlia spetsializirovannykh tekhnikumov)
- ROGOZHNIK, V. N. [A foreman's job is not a mere position] Master - ne prosto dolzhnost'. Tashkent, "Uzbekistan", 1964. 35 p. (Za tekhnicheskii progress) (CSI-II)
- ROSTOVSKAIA OPYITNO-TEKHNICHESKAIA LABORATORIIA GOLOVNYKH UBOROV I SIRVEINOI GALANTERII. [Standard methods for making hats for women and children in piece production] Tipovye metody izgotovleniia zhenskikh i detskikh golovnykh uborov pri individual'nom poshivie. Moskva, TSentr. biuro tekhn. informatsii, 1965. 57 p.
- ROZENBLAT, G. B., and others. [High-speed USD-2M plow unit] Bystrokhodnaya shtugoval'naia stanovka USD-2M. Moskva, Nedra, 1965. 136 p. (dizag)
- RUSSIA (1917- U.S.S.R.) Ministerstvo avtomobil'nogo transporta i shosseinykh dorog. [Technical specifications for the maintenance and repair of automobile roads] Tekhnicheskie pravila soderzhanii i remontav avtomobil'nykh dorog (VSN 22-63) Izd. 2., perer. i dop. Moskva, Transport, 1965. 264 p.
- RUSSIA (1917- U.S.S.R.) Ministerstvo stroitel'stva. [Government norms and estimates for construction, assembly, and repair work] Vedomstvennye normy i rascheniia na stroitel'nye, montazhnye i remontno-stroitel'nye raboty. Moskva, Stroizdat. Sbornik V-56. [Construction of livestock buildings and poultry houses] Stroitel'stvo zhivotnovodcheskikh pomeshechenii i pit'iaovodcheskikh form. Izd. 3., ispr. i dop. 1964. 295 p.
- RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie puti i sooruzhenii. [Guidelines for the determination of the load capacity of metal spans of railroad bridges] Rukovodstvo po opredeleniiu gruzopod'nomosti metallicheskikh pioletnykh staniia zhelezнодороzhnykh mostov. Moskva, Transport, 1965. 255 p.
- RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie vagonno-gruzozhiznii. [Regulations for the repair and testing of car braking equipment, superseding Regulations TsV-1885 published in 1957] Pravila remontav i ispytaniia tormoznogo oborudovaniia vagonov, volnena Pravil TsV-1885 izdaniia 1957 g. Moskva, Transport, 1965. 163 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 2 of standard district uniform estimates for construction work] gidraulic earthenwork] Sbornik No. 2 edinykh ratonnykh edinchnykh raschenok na stroitel'nye raboty; gidromekhanizirovannye zomilanye raboty. Izd. ofitsial'noe. Moskva, Stroizdat, 1965. 66 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 10 of standard district uniform estimates for construction work; landscaping and shelterbelts] Sbornik No. 10 edinykh ratonnykh edinchnykh raschenok na stroitel'nye raboty, ozeleneniye, zashchitnye lesosozhdeniia. Izd. ofitsial'noe. Moskva, Stroizdat, 1965. 64 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 20 of standard district uniform estimates for construction work; anticorrosion protection of construction elements] Sbornik No. 20 edinykh ratonnykh edinchnykh raschenok na stroitel'nye raboty, antikorrozionnaia zashchita stroitel'nykh konstruktsei. Izd. ofitsial'noe. Moskva, Stroizdat, 1965. 26 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 24 of standard district uniform estimates for construction work, ventilation and air conditioning] Sbornik No. 24 edinykh ratonnykh edinchnykh raschenok na stroitel'nye raboty; ventilatsiia i konditsionirovaniye vozdukh. Moskva, Stroizdat, 1965. 159 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 31 of standard district uniform estimates for construction work, streetcar tracks] Sbornik No. 31 edinykh ratonnykh edinchnykh raschenok na stroitel'nye raboty; tramval'nye puti. Izd. ofitsial'noe. Moskva, Stroizdat, 1965. 52 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 39 of standard district uniform estimates for construction work, tunnels] Sbornik No. 39 edinykh ratonnykh edinchnykh raschenok na stroitel'nye raboty; tunnei. Moskva, Stroizdat, 1965. 315 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 42 of standard district uniform estimates for construction work; temporary buildings and structures] Sbornik No. 42 edinykh ratonnykh edinchnykh raschenok na stroitel'nye raboty, vremennye zdaniia i sooruzheniia. Moskva, Stroizdat, 1965. 103 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Gosstroizdat.
- Pr. 2. Sec. M. ch. 9. [Silos; design specifications] Silosokhraniliel'stva; normy projektirovaniia (SNIP II-N. 9-65). 1965. 11 p.
- Pr. 3. Sec. V. ch. 6, 1. [Protection of underground metal structures from corrosion, regulations for the execution and acceptance of work] Zashchita podzemnykh metallicheskikh sooruzhenii ot korrozii; pravila proizvodstva i priemki rabot (SNIP III-V. 6, 1-62). 1965. 13 p.
- Pr. 4. [Estimates] Smetnye normy.
- Vol. 3, no. 2.
- Ch. 21. [Stone elements] Kamennye konstruktsei.
- Ch. 23. [Wood elements] Dereviannye konstruktsei.
- Ch. 25. [Floors] Poly.
- Ch. 26. [Roofs] Krovli.
- Ch. 27. [Finishing work] Otdelochnye raboty.
- Ch. 36. [Electrical lighting of apartment houses and public buildings] Elektroosveshcheniye zhilykh i obshchestvennykh zdani. 1965. 183 p.
- Vol. 6, no. 2.
- Ch. 52. [Concrete and reinforced concrete elements for hydraulic structures] Betonnye i zhelezobetonnye konstruktsei gidrotekhnicheskikh sooruzhenii.
- Ch. 54. [Metal elements for hydraulic structures] Metallicheskie konstruktsei gidrotekhnicheskikh sooruzhenii. 1965. 42 p.
- Vol. 8, No. 1. Ch. 56. [Mining operations] Gornoproduktsionnye raboty. 1965. 308 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for designing precast reinforced concrete pressure pipes] Ukazaniia po projektirovaniu zhelezobetonnykh predval'itel'no nup inzhenernykh napornykh trub (SN 292-61) Moskva, Stroizdat, 1965. 30 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Price list for assembling equipment] Tsennik na montazh oborudovaniia. Moskva, Stroizdat.
- No 14. [Lead and soldering work] Svinitsovo-pal'nal'nye raboty. 1965. 16 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Price list No. 1 of average district estimates for materials, parts, and elements] Tsennik No. 1 srednikh ratonnykh smetnykh tsen na materialy, detaili i konstruktsei. Moskva, Gos. Izd-vo lit-ry po stroitel'stvu i arkhit.
- Pr. 1. [Building materials] Stroitel'nye materialy. Izd. 3., ispr. 1967. 119 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po promyshlennosti i stroitel'nykh materialam. [Inter-republic technical specifications for metal] Mezhpriblikskie tekhnicheskie uslovia na arbolli (MRTU 21-6-60). Moskva, Stroizdat, 1965. 19 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Checking of radio measuring instruments, collection of instructions and methodological pointers] Poveika radioizmeritel'nykh priborov; sbornik instruktsii i metodicheskikh ukazani. Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1965. 750 p.
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Chemically stable and heat resistant ceramic products, methods of testing] Izdeliia khimicheski stobkie i termostobkie keramicheskie, metody ispytani (GOST 437-64). Izd. ofitsial'noe. Moskva, Izd-vo standartov] 1964. 17 p. (SSSR, Gosudarstvennyi standart)
- RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Connectors for electric cables and wires] Sliniki dlia elektricheskikh kabloi i provodov. (GOST 4838-64, GOST 4844-64, GOST 4846-64 - GOST 4852-64, GOST 4854-64, GOST 4858-64, GOST 4860-64). Izd. ofitsial'noe. Moskva, [1964] 43 p. (SSSR, Gosudarstvennye standarty)
- RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Meat and meat products] Miaso i miasoprodukty (GOST 697-66, 698-66, 779-66, 1214-66, 1822-66, 1935-66, 5284-66, 7595-66, 7958-66, 7997-66). Izd. ofitsial'noe. Moskva, 1965. 45 p. (SSSR, Gosudarstvennye standarty)
- RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Wood; defects] Drovessina; poroki (GOST 2140-61). Izd. ofitsial'noe. Moskva [Izd-vo standartov, 1964] 40 p. (SSSR, Gosudarstvennyi standart)
- RUSSIA (1923- U.S.S.R.) Ministerstvo puti soobshcheniia. [Instructions on the maintenance and repair of the automatic coupling systems for railroad rolling stock, superseding Instruction No. 244027-56] Instruktsiia poremontu i soderzhaniiu avtomaticheskogo ustroistva podvijnogo sostava zheleznykh dorog, vrazmen instruktsii No. 244027-56. Moskva, Transport, 1965. 166 p.
- RUSSIA (1923- U.S.S.R.) Ministerstvo puti soobshcheniia. [Regulations for the factory repair of series TE1, TE2, and TEM1 diesel locomotives] Pravila zavodskogo remonta teplovozov seri TE1, TE2 i TEM1. Moskva, Transport, 1965. 327 p.
- RUSSIA (1923- U.S.S.R.) Tekhnicheskoe upravlenie po ekspluatatsii energosistem. [Scope and norms for testing electrical equipment] Ob'em i normy ispytaniia elektrooborudovaniia. Izd. dop. i ispr. Moskva, Energiia, 1965. 168 p.
- SALIMOV, E. S. [Technology protects man] Tekhnika okhraniet cheloveka. Moskva, Znaniye, 1965. 30 p. (Novoe v zhizni, nauke, tekhnike. IV Seriya: Tekhnika, no. 21)
- SAVITSKII, E. M., M. A. TYLKINA, and K. B. POVAROVA. [Rhenium alloys] Splavy Renia. Moskva, Nauka, 1965. 334 p.
- SAZONOV, G. G. [Manual for filters and installers of heat regulatory and automatic control devices] Pamiatka slesaria-montazhnika po priboram teplovogo kontroliia i avtomaticheskogo regulirovaniia. Moskva, Energiia, 1965. 135 p.

- SEME NOV, K. A. [Radio receiving and amplifying systems] Radiopriemnye i usilitel'nye ustroystva Izd. 2, pere. Moskva, Sotskoe radio, 1955 646 p.
- [SEMICONDUCTOR DEVICES AND THEIR APPLICATIONS] Poluprovodnikovye pribory i ikh primeneniye, 4-remk ststet. Pod red. I. A. Fedotova, Moskva, Sovetskoe radio, No. 13, 1955, 314 p.
- SEREBRENNITSKII, P. P., and V. N. CHEKHOV [Mechanization and automation of winding operations in the manufacture of electrical instruments] Mekhanizatsiya i avtomatizatsiya namotnykh rabot v elektroprikladnoy stroitel'stve Moskva, Energiya, 1955 140 p.
- SHARAEVSKII, N. P. [Safety manual on the cleaning and scouring of equipment and piping] Pamiatka po tekhnike bezopasnosti pri oshistke i obozhrivaniy oborudovaniya i truboprovodov Moskva, Stroiizdat, 1955, 26 p. (Tekhnika bezopasnosti v stroitel'stve)
- SHEKHURIN, D. E. [Ways of increasing the efficiency of the work of the information section of research institutes] Puti povysheniya effektivnosti raboty otdela informatsii NIi Leningrad, 1955 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy Seriya Organizatsiya propagandy nauchno-tekhnicheskoi i proizvodstvennogo opyta)
- SHENDEROVICH, A. M. [Audio signal amplifiers of television receivers] Usiliteli signalov zvukovogo televizionnogo priema v televizionnom prieme, Moskva, Svyaz', 1955, 78 p. (Biblioteka "Televizionnyi priem, no. 22)
- SHESTAKOV, V. M. [Theoretical principles for the evaluation of the rise and lowering of water and drainage] Teoreticheskiye osnovy otsenki podpora, vodopozhizheniya i drenazha. [Moskva] Izd-vo Moskovsk. univ., 1955 232 p.
- SHEVCHENKO, A. A., and V. I. STRIZHAK. [Production of pipes for the petroleum industry] Proizvodstvo trub dlia neflianoi promyshlennosti. Moskva, Metallurgiya, 1955 142 p.
- SHEVCHENKO, V. D. [Learn how to drive a car] Uchites' upravliat' avtomobilem. Kazan' Tatarskoe knizhnoe izd-vo, 1955 184 p. diagr. (insert)
- SHIFMAN, D. KH. [Loudspeakers, their design and manufacture] Gromkogovoriteli, konstruirovaniye i proizvodstvo Moskva, Energiya, 1955, 247 p.
- SHINKEVICH, I. I., and others. [Album of equipment for the chemical shops of coke by-product plants] Albom oborudovaniya khimicheskikh tekhnokokso-khimicheskogo zavoda Khar'kov, Izd-vo Khar'kovskogo univ. Pt. 1 [Machinery for coke ovens] Mashiny koksovykh pechey 1954, 109 p.
- SHLIAPIN, V. B., and D. V. LEONTEV. [Cold welding of contact wires] Khodnaya svarka kontaknykh provodov, Moskva, Transport, 1955, 28 p.
- SHNEIDER, I. U. G. [Selecting a deformation pattern, a method, tool design and the conditions for the finishing operations in metal working by pressure] Vyborkhemy, metoda, konstruktii instrumentov i rezhima khimstovoi obrabotki davleniem Leningrad, 1955, 35 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy Proizvodstvennyi opyt Seriya Mekhanicheskaya obrabotka metallov)
- SHUGAL, B. E., and V. M. SAMOILOV [Handbook on the use of cutting, percussion, upsetting and mechanized tools] Spravochnik po ekspluatatsii rezhushchego, udarnogo, vysadnogo i mekhanizirovannogo instrumenta Moskva, Mashinostroenie, 1955 343 p.
- SIGALOV, V. S. [Equipment and technology in the manufacture of concrete and reinforced concrete pipes] Oborudovaniye i tekhnologiya izgotovleniya betonnykh i zhelezobetonnykh trub. Moskva, TSNIIP, 1955 30 p. (Obzor inostrannykh patentov)
- SINAIUK, D. A. [Ways to improve wetted footwear, quality, material expenditure, and production methods] Puti sovershenstvovaniya ranovoi obuvi; kachestvo, materialoemkost', sposob proizvodstva, Moskva, Legkaya industriya, 1955, 178 p.
- SKALOV, K. I. U., and G. S. MOLARCHUK. [Shipment and storage of mineral fertilizers in transportation] Perovozka i khraneniye mineral'nykh udobreniy na transporte. Moskva, Transport, 1955, 46 p.
- SKRIPKO, E. IA. [Protecting the rights of innovators in the U. S. S. R.] Okhrana prava izobrematel'nikov v SSSR Minsk, In-t nauchno-tekhn. informatsii i propagandy, 1954 29 p. (CSI-H)
- SLAVUTSKII, S. O., V. A. ANTONOV, and P. P. TSVIRKO. [Open pit hydraulic mining operations] Otkrytye raboty gidravlicheskim sposobom. Moskva, Nedra, 1955, 226 p.
- SMIRNOV, A. A. [City surveying service] Gorodskaya geodezicheskaya sluzhba. Moskva, Stroiizdat, 1955, 83 p.
- SMIRNOV, N. N. [Automation of the electric power supply of rural telephone equipment] Avtomatizatsiya elektrofaniia apparatury sel'skoi telefonnoi svyazi. Moskva, Svyaz', 1955, 38 p. (Leksii po tekhnike svyazi)
- SOBOLEV, G. A. [Arrangement, maintenance, repair and adjustment of spreading, drawing and towing machines in the flax industry] Ustroystvo, obsluzhivaniye, remont i naladka raskladnykh, lentoknykh i rovnichnykh mashin v khimii promyshlennosti. Moskva, Legkaya industriya, 1955, 174 p. (Uchebniki i uchebnye posobie dlia podgotovki rabochikh massovykh professii)
- SOKOLOV, D. IA. [Use of water power] Ispol'zovanie vodnoi energii Moskva, Kolos, 1955 445 p. (Uchebniki i uchebnye posobie dlia vysshiikh sel'skokhoziaistvennykh uchebnykh zavedenii)
- SOKOLOV, G. D. [Organization of construction of oil fields] Organizatsiya stroitel'stva neflianykh promyslov. Moskva, Nedra, 1955, 191 p.
- SOLOMATIN, G. G. [Hydraulic fracturing of strata; practices of the petroleum workers of Turkmenistan] Gidravlicheskiye razryvy plastov, opyt nefliankov Turkmeni. Ashkhabad, Turkmendat, 1954, 82 p.
- SOROKIN, A. I., and L. M. CHERNIAK [Liquefied methane in foreign countries] Szhizhennyy metan za rubezhom Moskva, Nedra, 1955 133 p.
- [STABILITY AND DYNAMICS OF AIRCRAFT ENGINES] Prochnost' i dinamika aviatsionnykh dvigatelei, sbornik statei. Moskva, Mashinostroenie No. 1, 1954 287 p.
- STRELETSKII, N. S., and D. N. STRELETSKII. [Designing and manufacturing economical metal elements; materials for a course on metal elements] Proektirovaniye i izgotovleniye ekonomicheskikh metallicheskikh konstruktii, materialy k kursu metallicheskikh konstruktii, [Vladimir] Stroiizdat, No. 4, 1954, 359 p.
- [STRENGTH CALCULATION OF THE PARTS OF HYDRAULIC TURBINES] Raschet na prochnost' detalei gidroturbin. [By] A. IA. Aronson i dr. Moskva, Mashinostroenie, 1955, 301 p.
- STRONE, I. S., R. V. KHOCHENKO, and L. L. OSTROVSKII. [For the motor-vehicle driver] Voditelu avtomobilia Kishinev, Karla moldovenaske, 1955, 165 p.
- STRONGIN, S. G. [Present-day methods of designing elements in industrial and civil construction] Sovremennyye metody rascheta konstruktii v promyshlennom i grazhdanskom stroitel'stve Moskva, Vses. zaochnyi stroit. tekhnikum, 1954, 195 p.
- SUKHOMLINOV, M. M., and V. I. VYKHOVANETS. [Number code converters] Preobrazovateli kodov chisel. Kiev, Tekhnika, 1955, 135 p. (Biblioteka po kibernetike) (NYP)
- SURIN, N. M. [Operation of the PI80(45)-1 results duplicating perforator and the PI80(45)-2 perforator-reproducer] Ekspluatatsiya itogovo-dubliruyushchego perforatora PI80(45)-1 i perforatora-i-reproduktora PI80(45)-2. Moskva [Statistika] 1955 239 p. dingra. (insert)
- TAITS, B. L. [Modern arc welding equipment] Sovremennoe oborudovaniye dlia dugovoi svarki, Leningrad, 1955, 37 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy Nauchno-tekhnicheskii opyt, Seriya Svarka, rezka, palka i naplavka metallov)
- TELKOV, A. P., and I. I. STKLIANIN [Water coning in oil and gas production] Obnazovanie konusov vody pri dobyche nefli i gaza, Moskva, Nedra, 1955, 162 p.
- [THEORETICAL PRINCIPLES OF ELECTRICAL ENGINEERING] Teoreticheskiye osnovy elektrotekhniki, Moskva, Vysshaya shkola, Pt. 2, Davydkin, A. I., and E. S. Kukharkin. [Principles of the electromagnetic field theory] Osnovy teorii elektromagnitnogo polya, Pod red. P. A. Ionkina, 1955 202 p.
- TIFLIS. Upravleniye telefonnoi seti. [List of telephone numbers of the subscribers to the Tiflis network, published in conjunction with the conversion of the ATIS-3 automatic telephone exchange in Kallina District] Spisok numerov telefonov abonentov telefonnoi seti g. Tbilisi, izdanyy v svyazi s izmeneniyem nomenklatury avtomaticheskoi telefonnoi stantsii ATIS-3 v raione im. Kallina. Tbilisi, 1955, 31 p.
- TIFLIS. Upravleniye telefonnoi seti. [List of telephone numbers of the subscribers to the Tiflis network, published in conjunction with the installation of an automatic exchange in the 26 Kommunar District] Spisok numerov telefonov abonentov telefonnoi seti g. Tbilisi, izdanyy v svyazi s puskom v ekspluatatsiyu novoi avtomaticheskoi telefonnoi stantsii v raione im. 26 Kommunarov. Tbilisi, 1954, 3 p.
- TIKHOMIROV, V. B. [Polymer coatings in nuclear engineering] Polimernyye pokrytiya v atomnoy tekhnike Moskva, Atomizdat, 1955 275 p.
- TIMOSHUK, A. S., and N. I. TATIANOV. [Use of fluoroplast-4 shavings as material for packing glands] Pri meneniye struzhki fluoroplasta-4 v kachestve materiala salkovnykh uplotnenii. Leningrad, 1955 14 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy Nauchno-tekhnicheskii opyt Seriya Konstruktsionnyye i tekhnologiya izgotovleniya izdelii iz plastmass)
- TKACHENKO, V. V., ed. [Methods and procedures of standardization, methods manual] Metodika i praktika standartizatsii, metodicheskoe posobie. Moskva, Izd-vo standartov, 1955, 574 p. charts (insert)
- TORGONSKII, M. N. [Management of construction operations] Proizvodstvo stroitel'nykh rabot Izd. 2, pere. i dop. Moskva, Izdatiya promyshlennosti, 1955, 332 p.
- [250 DISHES MADE OF POTATOES] 250 blint iz kartofella. Perm', Pormasko knizhnoe izd-vo, 1950, 110 p.
- UGINCHUS, A. A. [Hydraulic engineering, mathematical calculations of canals] Gidravlicheskiye i matematicheskiye rachety kanalov, Moskva, Stroiizdat, 1955, 273 p.
- URAL'SKII GOSUDARSTVENNYI NAUCHNO ISSLEDOVATELSKII INSTITUT SBOIRNYKH ZHELEZOBETONNYKH IZDELII I KONSTRUKTSII. [Reinforced concrete and reinforced concrete elements] Zhelezobeton i zhelezobetonnyye konstruktii, abrak trudo Pod red. A. B. Golyshova. Chelabinsk, 1954, 107 p.
- USHAKOVA, K. N., and F. F. BACHUKINA. [Preparation of viscous rayon] Pripravka viskoznogo rayonka, Moskva, Legkaya industriya, 1955, 228 p.
- VAILEV, S. A. [Combined deep drawing of parts with simultaneous reduction of wall thickness] Kombinirovannaya glubokaya vytiazhka detalei s ustoyazhivaniy stenok. Leningrad, 1955, 24 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy Nauchno-tekhnicheskii opyt, Seriya Goruchaya i khodnaya obrabotka metallov davleniem)
- VALIUZHINICH, V. IA., and others. [Principles of the technical design of enterprises for rock building materials; a manual for designers] Osnovy tekhnicheskogo inzhenernogo dizaina pri stroitel'stve kamennyykh materialov posobie dlia proektirovaniya inzhenerov Leningrad, Stroiizdat, 1955, 300 p.
- VASIL'EV, V. S., ed. [Progressive technological processes used in the machinery industry] Progressivnyye tekhnologicheskiye protsessy v mashinostroenii Moskva, Mashinostroenie, 1955, 197 p.
- VEDENKIN, S. G., V. G. KUZNETSOV, and I. S. LITSEVA. [Anticorrosive protection of metal items during prolonged storage] Zashchita metallov izdelii ot korrozii pri dlitel'noi konservatsii. Moskva, Transport, 1955, 30 p. (Doostizheniye nauki i tekhniki -- v proizvodstvo)
- VEINIK, A. I., ed. [General heat engineering, a laboratory manual] Obshchaya teplo tekhnika; laboratornyi praktikum. [By] V. A. Boncharev i dr. Minsk, Vysshaya shkola, 1955, 131 p.

VENTSKEYICH, I. A. [Safety manual for workers engaged in the manufacture of strip-type parts] Pamiatka po tekhnike bezopasnosti dlia rabochikh, zanatykh i gotovleniem pogonaznykh izdelii. Moskva, Stroiizdat, 1965. 13 p. (Pamiatka po tekhnike bezopasnosti v promyshlennosti stroitel'nykh materialov)

VERTKIN, M. TS. [Hoisting hooks and hoisting blocks for drilling operations] Buril'nye kruki i krikobloki. Baku, Azerbaidzhanskoe gos. izd-vo, 1965. 164 p.

VIDINEEV, I. D. [Automatic continuous dispensing of materials] Avtomaticheskoe neperyvnoe dozirovaniye materialov. Moskva, Energiya, 1965. 109 p. (Biblioteka po avtomatike, no. 145)

VOROB'EV, A. A., and others. [Betatron defectoscopy of materials and articles] Betatronnaya defektoskopiya materialov i izdelii. Moskva, Atomizdat, 1965. 177 p.

VOROBYEV, V. A., R. A. ANDRIANOV, and G. P. FEDOSEEV. [Polymers heat-insulating materials in construction, a textbook] Polimernye teploizolyatsionnye materialy v stroitel'stve, uchebnoe posobie. Moskva, Vses. nauchnyy stroitel'nyy tekhnikum, 1964. 110 p.

VSESOJUZNYI NAUCHNO-ISSEDOVATELSKII INSTITUT NEFTEKHIMICHESKOI PROMYSHLENNOSTI [Monomer for "Pentaplast"] Monomer dlia penoplasta. Moskva, Khimiya, 1965. 167 p.

VSESOJUZNYI SEMINAR PO NOVOI METODIKE SEISMO-RAZVEDKI [Seismic prospecting using the grouping of shots on long traces and the method of central rays, transactions] Seismorazvedka s primeneniem gruppirovaniia vzryvov na dlinnykh kazakh i sposoba tsentral'nykh kuchi, trudy. Moskva, Nedra, 1965. 103 p.

WIETECHIA, H., and E. I. KRIVENKO, comps. [Polish-Russian dictionary on machine parts] Pol'sko-russk' slovar' po detaliam mashin. Pod red. N. S. Acherikana. Moskva, Sovetskaya ensiklopediya, 1965. 301 p.

ZAKIN, I. A. KH., and M. A. PURNIK. [Operational testing of the rolling stock of automotive transportation] Eksploatatsionnye ispytaniia podvizhnogo sooruzeniia avtomobil'nogo transporta. Pod obshego red. I. A. KH. Zakina. Moskva, Transport, 1965. 55 p.

ZHEMOCHKIN, D. N. [Design of frames] Raschet ram. Moskva, Stroiizdat, 1965. 405 p.

ZIMA, VACLAV, and BORIS KUBIN. [Electronic methods for measuring small time intervals. Translated from the Czech] Elektronnyye metody izmereniia malyykh intervalov vremeni. Moskva, Energiya, 1965. 245 p.

ZOLOTARSKII, A. F., and others. [Railroad tracks and rolling stock for high speed traffic conditions] Zheleznodorozhnyi put' i podvizhnoi sostav dlia vysokikh skorostei dvizheniia. Pod red. M. A. Chernysheva. Moskva, Transport, 1964. 271 p.

ZYBIN, I. A., and N. N. SAMOSATSKII. [Filled fluoroplasts] Napolnennnye ftoroplasty. Kiev, Tekhnika, 1965. 73 p.

17. MILITARY & NAVAL SCIENCES

AKSHIN, A. A. [Commander of the blue "two"] Komandir goluboi dvoiki. Moskva, Znanie, 1965. 93 p.

BARANOV, A. P. [New sources of electrical power for ships] Novee istochniki elekticheskoi energii dlia sudov. Leningrad, Sudostroyeniye, 1965. 131 p.

BASIN, K. B. [Rebellious battalion] Matezhnyi batal'on. Moskva, Voenizdat, 1965. 110 p.

CHUEV, I. V., ed. [Principles of operations research in military technology] Osnovy issledovaniia operatsii v voennoi tekhnike. [By] I. V. Chuev i dr. Moskva, Sovetskoe radio, 1965. 591 p.

FILIPPOV, A. P., and I. N. VASIL'EV. [Operation of marine internal combustion engines on heavy fuel] Eksploatatsiia sudovykh dvigatelei vnutennego sgoraniia na tiazhelom toplive. Moskva, Transport, 1965. 393 p.

IUSHCHENKO, A. P., and M. M. LESKOV. [Navigation] Navigatsiia. Moskva, Transport, 1965. 410 p.

KAN, V. L., and A. S. KEL'ZON. [Theory of proportional navigation] Teoriia proporsional'noi navigatsii. Leningrad, Sudostroyeniye, 1965. 423 p.

KONDRAT'EV, N. D. [Marshall Blukher] Marshal Blukher. Moskva, Voenizdat, 1965. 202 p. (Sovetskie polkovodtsy i voenachal'niki)

KONONOV, V. P., V. E. MOCHALOV, and K. M. ROSTIK. [Repair of ship systems and piping] Remont sudovykh sistem i transpovedov. Leningrad, Sudostroyeniye, 1965. 231 p.

KOROTKII, I. I. [Problems of the strength of sea-going transport vessels] Voprosy nauchnosti morskikh transportnykh sudov. Leningrad, Sudostroyeniye, 1965. 387 p.

MOSKVICHEV, L. N. [Young friends of the border guards] Mnye druž'ba pogranichnikov. Alma-Ata, Kazakhstan, 1965. 34 p.

MULLER, VINCENT. [I found my true Motherland notes of a German general. Translated from the German] IA nashel podlinnuiu Rodinu; zapiski nemetskogo generala. Pod red. Z. Sheinisa. Moskva, Progress, 1964. 470 p. (CU)

ORLOV, I. M. [From the First Rifle Division...] Iz Pevoi Strielkovoi... Moskva, DOSAAF, 1965. 116 p. (CSI-3)

PANTELEEV, I. A. [The sea front] Morskoi front. Moskva, Voenizdat, 1965. 315 p. (Voennye memoary)

PETROVSKII, N. V. [Fundamentals of the design of marine diesel engines] Osnovy projektirovaniia sudovykh dizel'nykh ustanovok. Leningrad, Sudostroyeniye, 1965. 369 p. (diagram insert)

RUSSIA (1923- U. S. S. R.). Ministerstvo oborony. [Interior Service Regulations of the Armed Forces of the U. S. S. R.] Ustav vnutrennei sluzhby Vooruzhennykh Sil SSSR. Moskva, Voenizdat, 1964. 231 p.

VEKHIOV, S. P., and N. T. SOKOLOVA. [How to purify and decontaminate water by the simplest means] Kak ochistit' i obez'azazit' vodu s pomoshch'iu prostейshikh sredstv. Moskva, Meditsina, 1965. 23 p. (Nauchno-populiarnaya meditsinskaya literatura)

[THE WAVES OF LIFE, from the life of young officers] Zhitel'skie volny, iz zhizni molodykh ofitsеров. Moskva, Izd-vo gazety "Krasnaya zvezda," 1965. 20 p. (Biblioteka "Krasnaya zvezda," no. 10 (1965))

[WAYS OF THE FATHERS AS PATHS FOR THE SONS] Puti otsov - dorogi synovoi. Baku, Azerbaidzhanskoe gos. izd-vo, 1965. 202 p.

ZUBRITSKII, V. I., S. M. SAKHAROV, and N. I. FIONOV. [Transportation within a port] Vnutriportovyi transport. Moskva, Transport, 1965. 165 p.

PART B--PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation. For publishers of such translated periodicals, their subscription prices, etc., see listing at end of this issue

1. GENERAL

a. SCHOLARLY JOURNALS

AKADEMIA NAUK ARMIAŃSKOJ SSR, *Erivan, Izvestia. Obshchestvennye nauki* [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Social Sciences]. Erivan, no. 9, 1965.

Table of contents translated:

- Gegamian, G.M. - Objectives of the development of agriculture in the light of the resolutions of the March Plenum of the Central Committee of the CPSU (1965). p. 3.
Sadagian, A.A. - The role of organizations with public participation in the education of the new man. p. 13.
Malitain, S.A. - From the history of the Astrakhan-Caspian Sea Fleet. p. 28.
Oganesian, M.L. - Legal status of the Armenians in Poland in the 16th and 17th centuries. p. 35.
Kazarian, V.Dzh. - Kh. Abovian and the czarist censorship. p. 49.
Kocharian, A.G. - Formation of the concept of staging in the Soviet Armenian theater. p. 63.
Stepanian, G.Kh. - Hagop Baronian's "National pillars." p. 75.
Gulakian, S.A. - Ideological content of Ovanes Tumanian's story "The brave Nazir." p. 113.

AKADEMIA NAUK GRUZINSKOJ SSR, *Tiflis, Soobshchenia* [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Reports]. Tiflis, vol. 39, no. 1, July 1965.

Table of contents translated:

- Inasaridze, Kh.N. - Extensions of regular semi-groups. p. 3.
Pandzhakidze, Sh.P. - Convergence of double Fourier series. p. 11.
Zhak, I.E. - Properties of adjoint functions of two variables in the L_p ($p \geq 1$) metric. p. 15.
Rukhadze, L.R. - Space homology groups in a relatively directed system of open sets. p. 21.
Vashelishvili, M.O. - Solution of the problem involving the flexure of a supported anisotropic plate using the method of Fredholm integral equations. p. 29.
Obolashvili, E.I. - Solution of certain mixed problems in the two-dimensional theory of elasticity. p. 37.
Chikviani, N.N. - Two types of cadmium sulfide crystals. p. 43.
Kakushadze, T.I., Kokonova, M.G. - Fine structure of V, Cr, and Co in the spectral region of the K β 3-line. p. 49.
Sikharulidze, D.I., Lebedeva, T.M., Eroglan, B.TS. - The P_d and S_d channel waves in the earth's upper mantle. p. 55.
Areshidze, Kh.I., Chivadze, G.O. - Pyrolysis of the product of petroleum refinery for the purpose of obtaining monomers. p. 59.
Mzareulishvili, N.V., and others. - Complex systems with metal hydroxides. p. 67.
Lebsadze, T.N., and others. - Synthesis and electrophysical properties of polymers obtained by the polycondensation of acetone and 4,4'-diacetyl-p-terphenyl with terephthalaldehyde. p. 75.
Lomkatsi, T.S., Vochoridze, L.D. - Participation of basic and secondary alcohol fermentation products in the synthesis of yeast protein. p. 81.
Roinishvili, S.V. - Qualitative and quantitative changes in amino acids of the blood serum in Botkin's disease. p. 87.
Agladze, R.I., Petriashvili, L.D. - Electrochemical oxidation of potassium manganate to permanganate by means of soluble ferromanganese anodes. p. 93.
Gvozdetekil, N.A. - Karst of the Caucasus as compared with karst in other mountain areas of the U.S.S.R. p. 101.
Nazarov, I.U.I. - Some data on the quartz diorite intrusion of Kazreti (Botnisi District, Georgian S.S.R.). p. 109.
Solomonishvili, O.G. - Determining optimum irrigation systems and rated supply status when using non-regulated sources. p. 115.
Orekhov, V.G., Pystogov, V.I., Dadiani, M.K. - Investigating the effect of incision joints on the stressed state of high arched dams. p. 123.

Kiladze, R.M. - Hydraulic characteristics of a flow in case of a straight and back wave motion on a slope. p. 129.

- Kurdiani, G.P., and others. - Using the method of electronic stimulation in investigating torque distribution on spindles. p. 137.
Gabashvili, N.V., Montselidze, N.R. - Problem in the automatic control of a nonlinear dynamic object. p. 145.
Losaharidze, A.G. - Using discrete fluid medium analyzers in concentration control systems. p. 151.
Nakaidze, E.K. - Study of cinnamonic forest soils of Georgia, formed on quartz albiphyre. p. 159.
Biegadze, N.N., Chakvetadze, D.I., Kapanadze, P.I. - Study of the chemical composition of the fruits of some wild cherry and cherry species cultivated in Georgia. p. 167.
Kobakhidze, T.L. - Study of control measures against pasteurellosis of fowl in the Georgian S.S.R. p. 173.
Gudzhabidze, M.G. - Little-known species of flesh flies (Diptera, Sarcophagidae) in the fauna of the U.S.S.R. from Georgia. p. 179.
Kurashvili, B.E., Guruchiani, K.R. - Susceptibility of farm animals to *Alveococcus* infection. p. 183.
Kadzhala, G.Sh. - Tyroglyphid ticks of the sub-tropical zone of the Abkhazian A.S.S.R. (Acarina, Tyroglyphidae). p. 191.
Kutubidze, M.E. - Bunting *Emboriza leucocephala* Gmel. in the vicinity of Tiflis. p. 187.
Gugulidze, A.G. - Appendicitis caused by pinworms. p. 189.
Partskhaladze, N.N. - Gas exchange in the developing chick embryo under normal conditions and following X-ray irradiation. p. 207.
Gurgenidze, N.I. - Plastic restoration of the ligament apparatus of the knee joint by preserved homofascia. p. 213.
Kalandadze, N.I. - Proteinuria in experimental cytotoxic nephritis, a histochemical study. p. 219.
Buachidze, V.N., and others. - Role of eigometry, spirometry, and electrocardiography in evaluating the functional state of the heart muscle in tyrotoxicosis. p. 225.
Shushanashvili, G.I. - Aristotle on the deduction of the true conclusion from false premises. p. 231.
Shlakadze, M.I. - Scale for playing on Georgian multi-pipe flutes. p. 239.
Mamullia, G.S. - Legend of the "Atrask cave" as a source material for Leonid Mirovli. p. 247.
Avaniani, R.Sh. - History of the study of mammals in Georgia. p. 251.

Vol. 39, no. 3, Sep. 1965.

Table of contents translated:

- Kiguradze, I.T. - A lemma of comparison and the uniqueness of the solution to the Cauchy problem for ordinary differential equations. p. 513.
Kvantallani, K.I. - Some problems for singular integrodifferential equations containing a small parameter. p. 519.
Inasaridze, Kh.N. - Derived functors. p. 527.
Gordoziani, D.G. - Use of a locally one-dimensional method in solving a multivariate parabolic equation of 2nd order. p. 535.
Paatashvili, L.A. - Approximate solution of the fundamental boundary value problem in electro-dynamics. p. 543.
Mirianashvili, M.M., Gobedzhishvili, M.S. - Radiation during hyperbolic motion of a charge. p. 551.
Gachechiladze, R.G., Khocholava, G.M. - Anomalous absorption by the polar caps. p. 555.
Shlukashvili, M.A. - Two-dimensional quantitative spectral classification of $FO-Cg$ stars based on objective-prism spectra, and the construction of a spectrum - absolute magnitude diagram. p. 561.
Areshidze, Kh.I., Tavakilidze, E.K. - Simultaneous dehydration of n-butyl alcohol and ammonia in the presence of gumbrin. p. 569.
Dzhokhadze, D.I., Kafiani, K.A., Timofeeva, M.IA. - Matrix activity of DNA and chromatin from the embryo of *Megarrus fossilis* in RNA synthesis. p. 577.
Bibilishvili, Z.V. - Change in the quantity of microelements and the activity of some enzymes in the blood of women. p. 583.
Recheulishvili, O.I. - Clinical aspects of epidemic hepatitis (Botkin's disease) in children. p. 591.

Belotokala, R.P. - Effect of free purine and pyrimidines on the ammonia production and glutamate decomposition in muscle tissue extracts. p. 599.
Kvitashvili, I.G. - Changes in the total protein and protein fractions of the blood serum in scarlet fever. p. 607.

- Dangadze, N.G., Kakabadze, V.M. - Ways of improving the quality of the coke made of coal charged with a high content of gas coal. p. 613.
Chubbidze, I.V. - Significance of organic nitrogenous for the stratigraphy of Lower Cretaceous and Cenomanian sediments as revealed by a study in the Abkhazian part of the Georgian block. p. 621.
Dolididze, A.Sh. - Upper Jurassic rocks of Mount Ashta. p. 627.
Ramishvili, I.Sh. - New data on the Bantian flora in western Georgia. p. 633.
Shataev, I.U.IA., Khvoles, A.R., Chikobani, T.P. - Limiting state of equilibrium of a concrete mixture. p. 639.
Metreveli, T.I. - Study of the dynamic pressure of water on a vertical rigid wall in a triangular canal. p. 647.
Ambroladze, T.A. - Experimental studies of some principles of current motion in curves and of a velocity rate nonuniformity for loose soils. p. 655.
Bakadze, I.I., Sabulashvili, Sh.K. - Determining the carrying capacity of polyamide geotransmissions according to the contact stresses taking deformation into consideration. p. 661.
Gvelesiani, G.G., Bezurashvili, Sh.M. - Lanthanum and cerium thermal reduction of europium oxide. p. 669.
Kapanadze, I.S. - Origin of lemons. p. 675.
Aleksi-Meskishvili, L.G. - Mycoflora of the air of archives and the results of tests of some physical measures against it. p. 683.
Aleksidze, G.N. - Results of a study of organophosphorus preparations against the leaf miner *Plutella collettis pyriformella* Grun. p. 689.
TSkhokidze, I.U.T. - Morphological characteristics of nodular guller in endemic foci of Adzharia. p. 697.
Tolbidze, N.K. - Fibers of thalamic origin in the corpus callosum of the cat brain. p. 705.
Grigorashvili, Z.G. - Study of the clinical morphological characteristics and the frequency of lesions from a transplanted venereal tumor in dogs in the Tbilisi region. p. 713.
Khomeriki, G.V. - Treatment of diffuse parodontal periodontitis. p. 721.
Zublashvili, I.U.L. - Changes in the dynamics of contraction of the right ventricle in bronchial asthma in children. p. 729.
Khavtasi, V.N. - Use of X-ray methods of study in diagnosing cancer of the laryngopharynx and larynx. p. 737.
Kvavilashvili, D.Sh. - Uncertainty and set. p. 745.

AKADEMIA NAUK SSSR. *Vestnik* [ACADEMY OF SCIENCES OF THE U.S.S.R. Journal]. Moscow, vol. 33, no. 10, Oct. 1965.

Table of contents translated:

- State of research in the field of peptide and protein chemistry. p. 3.
Sidorov, A.V. - Study of the Pre-Cambrian geology as the cardinal problem of modern geology. p. 10.
Peize, J., D.M. Priantshnikov and the development of agricultural chemistry; 100th anniversary of his birth. p. 18.
Tikhonov, A.N., Dvorov, I.M. - Development of geothermal research in the U.S.S.R. p. 21.
Kutaleldze, S.S., Rozenfeld, L.M. - Problems of geothermal power. p. 25.
Vymorkov, B.M. - First geothermal electric power stations. p. 32.
Brodski, A.M. - Establishing the kinetic scheme for ethane pyrolysis. p. 40.
Fedoseev, A.D. - Methods for the production of synthetic asbestos. p. 46.
Luzhina, N.P., Iaromash, E.I., Medvedeva, Z.S. - Method of transport reactions in the chemistry of semiconductor. p. 49.
Sukachev, V.N. - Tasks and work program of the new Scientific Council. p. 55.
Sheherbakov, D.I. - Urgent problems in the protection of nature. p. 58.
Zhavoronkov, N.M. - Ways of controlling the contamination of air by harmful industrial wastes. p. 61.

- Gerashimov, I. P., Trofimuk, A. A. - Conservation and utilization of the resources of Lake Baikal, p. 60.
- Petravich, G. V. - At the sources of Soviet rocket construction, p. 60.
- Unpublished letters of A. V. Lunacharski; on the 80th anniversary of his birth, p. 70.
- Kargin, V. A., Emanuel, N. M. - Some trends of chemical research in the United States, p. 88.
- Shchepachev, V. S. - Research in the field of low-temperature plasma, international symposium in Moscow, p. 90.
- Obukhov, A. M. - Study of the dynamics of large-scale atmospheric processes, p. 90.
- Salomonovich, A. F. - Recent developments in lunar and planetary studies, p. 102.
- Masevich, A. G. - Symposium in France on problems in using the observations of artificial celestial bodies to study their orbits, p. 110.
- Chernov, A. A., Bagdasarian, Kh. S. - The colloquium "Crystal adsorption and growth" held in France, p. 111.
- Zolin, V. F., Sverchkov, E. I. - Conference on optics and spectroscopy in the German Democratic Republic, p. 112.
- Timofeev, N. S., Kullev, I. P. - First International Congress "Petroleum and the Sea" held in Monte Carlo, p. 113.
- Ustiev, E. K. - Session of the Hungarian Geological Society, p. 114.
- Hlin, G. S., Lovkova, M. I. A. - Symposium on the biochemistry and physiology of alkaloids held in the German Democratic Republic, p. 115.
- Shapovalov, A. I. - The Nobel symposium "Afferent innervation of muscles and motor control" held in Stockholm, p. 117.
- Langgard, V. A. - Celebration of the 800th anniversary of the Vienna University, p. 118.
- Tikhvinski, S. L. - 17th International Congress of Sinologists, p. 120.
- Kondratenko, P. S. - Study of condensed systems at low temperatures, all-Union conference in Kazan, p. 122.
- Zhdanov, G. B. - Physics of elementary particles and high-energy processes, session of the Department of Nuclear Physics, p. 125.
- Fain, V. S. - Automatic discrimination of images, all-Union symposium, p. 127.
- In the Astronomical Council, conferences in Moscow and Riga, p. 129.
- Merkulov, V. L. - 90th anniversary of Academician A. A. Ukhomskii's birth, p. 131.
- Levin, S. L. - 76th anniversary of Academician A. P. Daniilovskii's birth, p. 133.
- M. N. Tikhomirov, an obituary, p. 135.
- Academician A. P. Vinogradov's 70th birthday, p. 136.
- Academician A. N. Bolovskii's 60th birthday, p. 136.
- Awarding the N. G. Chernyshevskii Prize, p. 137.
- Zhdanov, N. S. - Joint work of the pedagogical institute and the institute for raising the qualifications of teachers on the dissemination of progressive practices, p. 33.
- Sokol'nikov, I. U. P. - Main aspects of the problem "Public activities as a means of moral education in general schools" and the organization of its study with the participation of teachers, p. 42.
- Kasatkina, N. R. - Department of pedagogics and psychology of the Udmurt Pedagogical Institute works with teachers to improve lesson efficiency, p. 52.
- Mikhailov, M. M. - Assistance of the Russian Language Department to the schools of the republic, p. 56.
- Kimura-Borshchevskaya, T. E. - Working on vocabulary and grammar during the study of Russian in the primary grades of Chuvash schools, p. 63.
- Efimov, G. O. - Work of the mathematics department of the Pedagogical Institute with mathematics teachers, p. 67.
- Morgoev, R. N. - Native language mathematical textbooks on the Ossetian mathematical terminology, p. 72.
- Slavolubov, S. S. - Using the knowledge of physics, mathematics, and chemistry of the 9th grade during the study of "Tractors," p. 84.
- Lalaev, R. I. - Joint work of the physics study room of the Institute for Raising the Qualifications of Teachers and of the physics departments of pedagogical institutes with the teachers of the republic on the improvement of lesson efficiency, p. 93.
- Mel'nikov, K. S. - Methods of teaching students to solve problems, p. 102.
- Karasik, R. M. - Joint work of the scientists of the Institute and teachers on the compilation of textbooks on mechanical drawing and manual training for secondary schools, p. 104.
- Nasyrov, A. Z. - Ways for the improvement of methods and methodology of the teaching of mathematics in the pedagogical institutions of higher learning, p. 106.
- El'darov, M. M. - Participation of the Pedagogical Institute in organizing studies on local lore and the conservation of nature, p. 115.
- Prokopyev, I. P. - Work of boarding schools and their connection with pedagogical institutes, p. 125.
- Muzafarov, V. G. - Reorganization of the geology program in the light of the school law, p. 134.
- Kakhovskaya, O. I. - Chemical Olympiad as a method for the evaluation and testing of student knowledge, p. 138.
- Nesterov, A. I., Kamaeva, A. A. - Methods of conducting laboratory work on the topic "General acquaintance with the human organism," p. 143.
- Rusanov, B. G. - Forms of the connection of the department of basic agriculture with schools, p. 147.
- Antonov, P. F. - Curricular excursions on botany in secondary schools, p. 151.
- Sysolotina, L. G. - Organizing the work of the young naturalists, p. 158.
- Stepanov, L. N. - Department of foreign languages and the improvement of teachers' qualifications, p. 161.
- Kakhovskii, V. F. - Connection between the history department of the Chuvash Pedagogical Institute and schools, p. 166.
- GORKIY, GOSUDARSTVENNIY PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies], Vol. 10, 1963.
- Table of contents translated:
- Ioshchikhin, V. S. - Finding an asymptotically stable limiting pattern of motion of a machine aggregate, p. 6.
- Kulikov, N. P. - A problem without initial conditions, p. 20.
- Kulikov, N. P. - Uniqueness of the solutions to problems without initial conditions, p. 32.
- Ioshchikhin, V. S. - Periodic solutions to Riccati's equation, p. 41.
- Ioshchikhin, V. S. - Finding periodic solutions to Riccati's equation, p. 51.
- Timofeev, A. K. - Construction of the equipment of a hyper surface in affinely connected space, p. 64.
- BULLETEN' MEZHODNARODNYKH NAUCHNYKH S'EZDOV, KONFERENTSIY I KONGRESSOV [BULLETIN OF INTERNATIONAL SCIENTIFIC MEETINGS, CONFERENCES AND CONGRESSES]. Issued by Otdel mezhodnarochnykh svyazey i informatsii Vsesoyuznogo Instituta nauchnoy i tekhnicheskoy informatsii Akademii nauk SSSR [Department of International Relations and Information of the All-Union Institute of Scientific and Technical Information of the Academy of Sciences of the U. S. S. R.], Moscow, no. 9(68), 1965.
- CHEBOKSARY, CHUVASHSKIY GOSUDARSTVENNIY PEDAGOGICHESKII INSTITUT. Uchenye zapiski [CHUVASH STATE PEDAGOGICAL INSTITUTE. Studies], No. 10, 1963. Pedagogical institutes and schools; material of the interuniversity conference on the joint work of the pedagogical institutes, schools, and organs of public education at the national minority institutions of higher learning (May 1962).
- Table of contents translated:
- Evlamp'ev, K. E. - Joint work of the Chuvash Pedagogical Institute named after I. I. Yakovlev with schools and organs of public education, p. 5.
- Makarov, M. P. - Departments and schools, p. 15.
- Kharitonov, V. T. - Work of the Institute for Raising the Qualifications of Teachers and School Supervisors, p. 23.
- Krasnov, G. V. - Problem of the national character in the aesthetics of Dobrolubov, p. 64.
- Pugachev, V. V. - Tactics of N. A. Dobrolubov in the initial revolutionary situation, p. 64.
- Levin, I. U. D. - I. B. Turgenev's article "Hamlet and Don Quixote", on the polemics of Dobrolubov and Turgenev, p. 122.
- Grckhnev, V. A. - Works of V. A. Sollogub as praised by Dobrolubov, p. 184.
- Maimin, E. A. - Some characteristics of the style of Dobrolubov's critical articles, p. 186.
- Krasnov, G. V. - The art of analysis, p. 202.
- Egorov, B. F. - I. A. Pletovskii was a pupil of Chernyshevskii and Dobrolubov, p. 213.
- Balika, D. A. - Pedagogic activities of B. I. Stalbor'skii, a friend of Dobrolubov, in Nizhnyy Novgorod, p. 244.
- Bograd, V. E. - Episode from Dobrolubov's student life, p. 268.
- Reiser, S. A. - I. I. Davydov's views of Dobrolubov, p. 275.
- Farber, L. M. - Allegory of Dobrolubov and a legend by M. Gorkii, p. 282.
- Altman, M. S. - Russian writers and scholars in Russian literature of the 19th century (materials for a dictionary of literary prototypes), p. 287.
- Oksman, I. U. G. - Outline history of the censorship of foreign publications in Russia during the first third of the 19th century, p. 341.
- KISHINEV, UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies], Vol. 75, 1961.
- Table of contents translated:
- Perlin, I. U. E., Rozenfeld, I. U. B. - Theory of resonance fluorescence of local centers, p. 1.
- Ryzhanov, S. G. - Rotation levels and rotation spectra of nuclei, p. 12.
- Maklovich, S. T., Kozulin, I. U. N. - Study of certain improper integrals containing Bessel's functions, p. 18.
- Antonenko, T. I. - Approximate calculation of a unary function of distribution in the surface layer of a liquid, p. 21.
- Rykov, V. I. - Relation between the speed of sound and certain three-dimensional and surface parameters of the liquid phase, p. 26.
- Rykov, V. I., Shnefeld, V. L., Yakovleva, G. S. - "The Frankel" - Gubarov formula and the interrelation between the speed of sound, the heat of vaporization, and the surface energy, p. 31.
- Mushinskii, V. P., Mushinskii, K. M., Gramatskii, V. I. - Optical absorption in thin films of the system GaGeTe - GaGeSe, p. 35.
- Gramatskii, V. I. - Optical and photoelectric properties of GaTe single crystals, p. 39.
- Kozulin, I. U. N. - Tables of functions of the type
- $$Q(\mu, \nu, z) = \int_0^{\infty} J_0(\rho \sqrt{z}) e^{-\mu \rho} x^{-\nu} \chi(\rho) d\rho$$
- at $\mu = \frac{1}{2} \sqrt{z}$, $z = \frac{1}{2} \sqrt{z}$, p. 43.
- KRASNOYARSK, GOSUDARSTVENNIY PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies], Vol. 24, no. 6, 1963.
- Department of Botany.
- Table of contents translated:
- Vasil'eva, E. M. - Dynamics of lignin and cellulose in the organs of corn during growth, p. 3.
- Vasil'eva, E. M. - Dynamics of lignin in the organs of wheat during growth, p. 13.
- Ianchenko, K. V. - Changes in the quality of catalase of wheat seeds after their irradiation with X rays, p. 20.
- Kalegannov, A. A. - Winter sowing of apple rootstock, p. 24.
- Kalegannov, A. A. - Raising the nursery stock of plums from root cuttings, p. 28.
- Kalegannov, A. A. - Choosing the place for an orchard, p. 33.
- Elizar'eva, M. F. - Brief survey of vegetation of the lower reaches of the Dubchek River, p. 30.
- Elizar'eva, M. F. - Brief description of the vegetation of the middle and lower Turukhan River basin, p. 65.
- Elizar'eva, M. F. - Phytogeographical zoning of the left-bank Yenisey Valley, p. 74.
- Kashina, L. I. - Biology of Gagea pauciflora Turcz., p. 103.
- Beglanova, M. I. - Agaricales of the southern part of Krasnodar Territory, p. 109.
- LATVIJAS PADOJMU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Vestis. Izvastaia Akademii nauk Latvijas SSR [ACADEMY OF SCIENCES OF THE LATVIAN S. S. R. Bulletin]. Riga, no. 8(217), 1965.
- LENINGRAD, UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies], No. 328, 1965. Seriya matematicheskikh nauk [Series in the Mathematical Sciences], no. 39. Trudy Astronomicheskoi observatorii [Transactions of the Astronomical Observatory], vol. 22.
- Table of contents translated:
- Sobolev, V. V. - Spectra of low-luminosity hot stars, p. 3.

- Corbitt, V. G. - Gas flows in eclipsing binary systems of dwarf stars. p. 16
- Mukhin, A. A. - Investigating the OIII spectral system used in the calculation of recombination spectra of stars and nebulae. Pl. 2, p. 31
- Milne, E. N. - Light scattering in planetary atmospheres. p. 39
- Ivanov, V. V. - Emission transfer in a spectral line. p. 44
- Magirner, D. I. - Light scattering in a spherical nebula of large optical thickness. p. 68
- Siluyars, S. G. - Calculating the spectral albedo of deep water basins. p. 72
- Dombrovskii, V. A., and others. - The 20" reflecting telescope with an astrophotometer for photometric, colorimetric and polarimetric studies. p. 83
- Shuto, O. S. - Basic characteristics of the set of the FEU-31 and FEU-64 photomultipliers. p. 95
- Romashin, G. S. - Interstellar absorption band λ 4330 Å and its correlation with the interstellar light polarization in Perseus region. p. 104
- Sulman-zade, R. Kh. - Determination of electronic density and pressure in solar atmosphere. p. 110
- Volkanskaya, N. F. - Visibility of photospheric flares on the solar disk. p. 120
- Lebedeva, I. I. - Spectrophotometric comparison of continents of Mars with terrestrial red-colored rocks. p. 125
- Ogorodnikov, K. F. - Liouville's theorem and the third integral of motion for steady-state stellar systems. p. 132
- Agekian, T. A., Yakovleva, T. D. - Determining masses of rotating galaxies. p. 139
- Fesenko, B. I. - Color excess fluctuations in stellar clusters. p. 146
- Novoselov, V. S. - Possibility exact transfer in the field of central force. p. 150
- Shiryaev, A. V., Mishchenko, M. P. - Corrections of right ascensions of 82 stars in the longitude determination program observed with the no. 11875 Bamberg transit instrument in 1956 and 1957. p. 160
- Mishchenko, M. P., Shiryaev, A. V. - Investigating some errors in astronomical determinations of clock corrections according to the data of observations by the time service of the Leningrad University. p. 167
- Vasilev Vasil'evich Sharonov, obituary. p. 175
- LENNINGRAD, UNIVERSITET. Vestnik [UNIVERSITY REVIEW] Vol 20, no 18, 1965. Seriya geologii i geografii [Series in Geology and Geography], no 3
- Table of contents translated:
- Sinityn, V. M. - Evolution of geological processes. p. 5
- Voznesenskii, V. D., Perekalina, T. V. - Structural characteristics and the mechanism of the formation of the Kos-Murun granitoid intrusive. p. 15
- Nagaitsev, I. U. V. - Metamorphic zoning of the Ladoga formation. p. 25
- Ryba, I. U. S., and others. - Second mineral formation under the action of an electric field in sulfide deposit. p. 34
- Larionov, G. F., Alekseeva, N. M., Rivman, V. A. - Possibility of using various methods for the determination of metals in underground waters of increased mineralization. p. 40
- Nekrasov, I. U. E. - Stratigraphic allotment of refraction boundaries in shallow depths. p. 45
- Usov, V. A. - Composition and cryogenic structure of the present-day sediments in the front of the delta of the Indigirka River. p. 49
- Semitskii, B. N. - Social and natural conditions governing the agriculture of the Republic of Cuba. p. 59
- Lavrov, S. B. - Geography of the gas economy of the German Democratic Republic. p. 72
- Obogueva, N. E. - Industrial center as an object of economic and geographic study. p. 80
- Sheffer, E. G. - Morphological structure of the landforms of the lower Svir Valley. p. 80
- Smirnov, L. E. - Generalization in the interpretation of aerial photographs. p. 97
- Litovka, O. P. - Polish maritime shore as a forming economic region and characteristics of its development. p. 107
- Gumulev, L. N. - Concerning the subject of historical geography (landforms and ethnics). Part 3. p. 112
- Kondratieva, N. A. - Development of geographical and mapping works for industrial design and construction in prerevolutionary Russia. p. 121
- Kuznetsov, S. S. - History of the geological museum of Leningrad University. p. 128
- Sosedko, T. A. - Infrared spectroscopy of beryls. p. 130
- Eskin, F. I., Dmitrieva, F. A. - Possible errors due to pitching and rolling during measuring the wind speed from a ship. p. 134
- Isachenko, A. G. - Thematic mapping of Great Britain. p. 139
- Eliseev, N. A. - Famous Finnish petrolog Pentti Eskola. p. 145
- Algina, N. P., Smirnov, L. E. - 9th All-Union Conference on Aerial Photography. p. 147
- Darkhatov, B. P. - Work of the section "Orogeny of the Alps and Himalayas" at the 12th session of the International Geological Congress in Delhi. p. 149
- Lebedev, V. I. - Conference devoted to the problems of using underground waters for fertilization. p. 153
- Vol 20, no 19, 1965. Seriya matematiki, mekhaniki i astronomii [Series in Mathematics, Mechanics, and Astronomy], no 1
- Table of contents translated:
- Agakhanov, S. A. - Method for the derivation of orthogonal polynomials of two variables for a class of weight functions. p. 5
- Bykhovskii, E. B. - Absence in C , L_p , and W_p^1 ($1 \leq p < 2$) spaces of analogs of an energy inequality for the string equation with a bounded $\lambda(x)$ leading coefficient. p. 11
- Zhuk, V. V. - Strong and intensified representability of a 2π -periodic function by a singular integral. p. 24
- Ivanov, F. A. - Maximum Abelian subgroups of a group of formal-analytical transformations. p. 32
- Ladyzhenskaya, O. A., Stuplits, L. - Mixed type equations. p. 38
- Moroz, D. Z. - Distribution of pairs of simple divisors of two quadratic fields. Part 1. p. 47
- Prosdorff, Z. - Theory of systems of singular integral equations with a degenerate symbolic matrix. Part 1. p. 58
- Fomin, V. N. - Parametric resonance of elastic systems with an infinite number of degrees of freedom. Part 2. p. 74
- London, G. E., Belenkov, V. D. - High-precision electronic chronograph. p. 87
- London, G. E. - Use of thermometric receivers for measuring a high-temperature pulsed gas stream. p. 93
- Meinikov, G. I. - Character of the damping of perturbed motion in two special cases. p. 99
- Myshkova, I. I. - Effect of the interaction between a dissipative and an isentropic stream on a flow in the bottom region of bodies moving with hypersonic velocity. p. 112
- Sabaneev, V. S., Tovstik, P. E. - Effect of longitudinal motion on the transverse vibrations of a solid of revolution in an infinite fluid. p. 120
- Suturina, N. G., Talypov, G. B. - Successive yield surfaces in steel. p. 126
- Tikhonov, A. A. - Approximate integration of equations in one case of motion of a rigid body. p. 132
- Abbasov, A. R. - Some characteristics of radio emission sources related to active regions on the sun. p. 140
- Kirpichnikov, S. N. - Approximating technique for solving extremum problems. p. 143
- Novoselov, V. S. - Trajectory of a point of variable mass in the central field. p. 147
- Lebedev, N. A., Milin, I. M. - On a certain inequality. p. 157
- Lozanovskii, G. I. A. - Two remarks on operators in semiordered spaces. p. 159
- Maz'ia, V. G., Plamenetskii, B. A. - Cauchy problem for convolution type hyperbolic singular integral equations. p. 161
- Petrov, V. V. - Global form of the central limit theorem. p. 163
- Rivkind, V. I. A., Samokish, B. A. - Numerical solution to the problem of diffusion of matter out of a falling droplet. p. 165
- Starshinov, A. I. - Experimental study of the formation of a jet behind the front of a shock wave emerging from divergent and supersonic nozzles. p. 166
- MOSCOW, MOSKOVSKI Gosudarstvennyi Pedagogicheskiy Institut. Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE, Studies], No. 326, 1965. The modern Russian language (syntax and morphology).
- Table of contents translated:
- Prokopovich, N. N. - Subject and place of the study of word combinations in the system of syntax. p. 5
- Anikin, A. I. - Sentences with parenthetical constructions in the letters of A. P. Chekhov. p. 16
- Deribas, L. A. - Complex sentences with the connecting combinations "tot fakt, chto" and "to obstoiatel'stvo, chto". p. 53
- Maksimov, L. I. U. - The vocative in poetry. p. 66
- Mishina, K. I. - Single-component sentences (single-component nominal sentences with objective words in their context). p. 69
- Nikolenko, L. V. - Nouns formed from set substantives combinations and their stylistic features. p. 104
- Rostovets, I. A. I. - Use of forms of the first person plural of the present and future tenses of the indicative mood in the sense of the imperative mood. p. 116
- Telenkova, M. A. - Studies on the aspectual meanings of the verb "lyti" in modern Russian. p. 130
- Kan, I. U. N. - Use of adverbs with a predicate expressed by the prepositional case with the preposition "v". p. 140
- Kleptskaya, N. A. - Interrelation of prefixal direct transitive verbs and indirect transitive verbs without prefixes governed by the prepositional case with the preposition "o" in modern Russian. p. 154
- Nikolaeva, V. P. - Role of simple beginning and end sentences in the paragraph construction of A. P. Chekhov's stories. p. 171
- Sapozhnikov, M. I. - Generalizing expressions in sentences with similar parts. p. 193
- Sukhanova, L. V. - Meanings of verbal forms such as "reshu". p. 211
- Parashov, V. I. - Classification of detached speech attributes. p. 221
- Griushin, B. M. - System of meanings of possessive adjectives with the suffixes "-ov" and "-in" in modern Russian. p. 239
- Malyshev, S. T. - Degree of productivity of verb classes in modern literary Russian. p. 257
- Barahol, D. I. - Complex sentences in which direct structures and diverse meanings are combined. p. 272
- Lipidovskaya, N. S. - Studying the language of dialogue. p. 285
- OSHIESTVENNYE NAUKI V UZBEKISTANE [SOCIAL SCIENCES IN UZBEKISTAN]. Issued by Akademiya nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S S R]. Tashkent, vol. 9, nos. 10-11, 1965.
- PSKOV, GOSUDARSTVENNYI PEDAGOGICHESKIY INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE, Studies], No. 21, 1964.
- Table of contents translated:
- Ivanov, I. I. - Single-parameter problems for differential equations of the first and second power. p. 5
- Mukhina, L. M. - Graphic illustration of the equivalence of equations (inequalities) for a second school algebra course. p. 25
- Mukhina, L. M. - Characterization of students' accomplishments in mathematics. p. 31
- Mukhina, L. M., Ushkevich, A. I. - Experiences in teaching mathematics in speeded-up instruction groups. p. 47
- Khar'ma, A. G. - Leonhard Euler's work in composing arithmetical and algebraic textbooks. p. 116
- Solov'ev, G. S. - Classroom experiments in a mathematics course in secondary schools. p. 77
- Andrusich, V. A. - How to present the subject "Single-phase and three-phase circuit" in an electric engineering course at secondary technical schools. p. 102
- Sorokan, P. A. - Characterization of space concepts in students of the eighth grade. p. 120
- Sorokan, P. A. - Age characteristics of the effect of representations on the space dynamics of perceptual images. p. 137
- * SOVETSKAYA ANTARKTICHESKAYA EKSPEDITSIA, 1955-1958. Informatsionnyi bul'eten' [SOVIET ARCTIC EXPEDITION, 1955-1958. Information Bulletin]. Leningrad, no. 52, 1965.
- Table of contents translated:
- Sonov, M. M. - Eighth Session of the International Special Committee for Antarctic Research (S.C.A.R.). p. 5
- Tablin, N. I. - Eighth Antarctic Expedition. p. 15
- Aver'yanov, V. G. - Some results of the work of Novolazarevskaya Station in 1963. p. 24
- Shiposh, N. V. - Characteristics of the height and temperature distribution of the tropopause over central Antarctica. p. 29
- Tatarkova, G. G. - Macroscopic clouds over McMurdo. p. 32
- Simonov, I. M. - Characteristics of the snow cover of the Schirmacher Ponds. p. 35
- Baranov, G. I. - Temperature regime of the Antarctic fast ice. p. 40
- Lazareva, A. P., Sytinskii, A. D. - Scientific observations at Mirnyy in 1961. p. 43
- Kuporov, L. P. - Some results of listening to short wave radio stations in the Antarctic. p. 49
- Baidin, V. I., Lefant, O. N. - Chemistry of the waters of the Schirmacher Ponds. p. 61
- Pryor, M. E. - The Cape pigeon, snow plover, and Wilson's plover on Huswell Island. p. 66
- Sollanik, G. A. - Distribution and feeding habits of the bathypelagic fish *Notolepis coatali* (fam. Paralepididae). p. 69
- Slovich, S. B. - The editing of Bollinggaard diary book. p. 63
- Koblenz, I. A. P. - The sailing of the Tenth Antarctic Expedition. p. 69
- By radio from the Antarctic. p. 69
- Aver'yanov, V. G. - Flood at Novolazarevskaya Station. p. 73
- Bibliography. p. 81
- YUZHNO-SAKHALINSK, GOSUDARSTVENNYI PEDAGOGICHESKIY INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE, Studies], Vol. 1, 1957.
- Table of contents translated:
- Karpenko, V. I. - Activities of the Soviets in consolidating and broadening the ties of the party with the masses during the fifth five-year plan, 1951-1955. p. 3
- Karpenko, V. I. - Activities of the Soviet trade unions in consolidating the ties with the masses during the fifth five-year plan, 1951-1955. p. 43

- Okhremenko, L. P. - Gorki on the relationship of the aesthetic ideal of Soviet literature with reality. p. 99.
- Kuleshov, F. I. - At the sources of A. I. Kupin's works (chapter from a monograph). p. 131.
- Teplovskii, M. V. - On the idealistic trend of satire written by N. A. Nekrasov in the 1870's, based on materials of Nekrasov's poem "Contemporaries." p. 175.
- Klushnik, N. V. - Theme of the labor movement in the German progressive novel at the beginning of the 1930's. p. 215.
- Podgaetskii, I. M. - Studying the style of publicism. p. 275.
- Podgaetskii, I. M. - Substantiated adjectives and participles used in a special field. p. 291.
- Braslavets, K. M. - "Drekan'ye" and "Isakan'ye" in Russian dialects of old timers living on the old water route from the Irtysh to the Yenisey. p. 337.
- Braslavets, K. M. - Characteristics of vocalism in the dialect of the village of Ust'-Rechka, Kolpashevo District, Tomsk Province. p. 357.

[MICROFILM]

Vol. 3, 1960

- Contents: Makarov, G. M., Pugacheva, A. I. [Use of the diagram method in analyzing grammar in higher educational institutions] Graficheskoe oformlenie grammaticheskogo razbora v vuze. 97 p.

[MICROFILM]

b POPULAR MAGAZINES

- AMERIKA, illustirovannyi zhurnal [AMERICA ILLUSTRATED]. Published by the United States Information Agency. Washington, D. C. no. 110, 1965.

- ANGLIYA [ENGLAND]. London, no. 2, 1965.

- AZIYA I AFRIKA SI GODNIA [ASIA AND AFRICA TODAY]. Issued by Institut naukov Azii i Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 9, no. 10, Oct. 1965.

- Table of contents translated:
- Gerasimov, G. - Collapse of the "limited war." p. 2.
- Saprykov, V. - Washington masks its aggression. p. 6.
- Inventions and a secret army. p. 8.
- Mitskil, Z. - A laboratory of war and aggression. p. 10.
- Orlov, A. - "You can't lose anything except the Americans!" p. 14.
- Ivanov, I. - The career of Memnon Williams. p. 10.
- Zalutov, B. - An ominous cloud over Asia. p. 18.
- Kudrov, R. - The Chinese People's Republic is 16 years old. p. 25.
- Geibandov, K. - Nigeria is five years old. p. 20.
- Yelf, S. - The problem of the South in Sudan. p. 28.
- Abdul Khatay al-Mahjub. - After the overthrow of the military dictatorship. p. 30.
- Masamba-Daba, Alphonce. - Brazzaville is growing stronger in struggle. p. 31.
- Nosin, A. I. - We must be successful on all fronts. p. 32.
- Events... people... facts... p. 34.
- Shvakov, A. - The healing comes from Moscow. p. 38.
- Kubai, Zbak. - The moment of change in the United Arab Republic. p. 30.
- Komarovskii, G. - "Sato Kagura." p. 42.
- Porominski, Leslaw. - Birbal's jokes. p. 44.
- de Shivei, G. - Dances of the sage N'Ganga. p. 47.
- Oksanin, A. - The history of a case of blackmail. p. 51.

- BAVYNOK [PERIWINKLE]. Issued by Tsentral'nyi komitet Leninskogo kommunisticheskogo soyuza molodi Ukrainy i Respublikanskaya rada Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, no. 10, Oct. 1965.

- BEIARUS' [WHITE RUSSIA]. Organ of Satuz pis'mennikau BSSR [Association of Writers of the White Russian S. S. R.]. Minsk, vol. 22, nos. 10(243)-11(244). Oct.-Nov. 1965.

- BEIARUSKAYA MOLADZ', BYELORUSSIAN YOUTH. Issued by Zgurtavan' na belaruskoe moladz' u Amoryets [White Russian Youth Association of America]. New York, vol. 6, no. 22, Autumn-Winter 1964.

- BIAROSKA [THE LITTLE BIRCH]. Issued by Tsentral'nyi komitet Leninskogo kommunisticheskogo soyuza molodi Bolarskoi i Respublikanskii Savet pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the White Russian Communist Youth League of Lenin and the Republic Council of Lenin Pioneers]. Minsk, vol. 41, nos. 9-10, Sep.-Nov. 1965.

- DADZIS [THISTLE]. Riga, nos. 18(210)-20(212), 1965 [In Latvian].

- KAPKAN, chuvashskii saticheski zhurnal [TRAP, Chuvash Satirical Magazine]. Chelobskiy, no. 21 (486), Nov. 1965 [In Chuvash].

- KITAI [CHINA]. Published by Izdatel'stvo literatury na inostrannykh yazykakh [Publishing House for Literature in Foreign Languages]. Peking, no. 10, 1965.

- KOREIA [KOREA]. Pyongyang, no. 10(111), 1965.

- KOSTER [CAMPFIRE]. Issued by Tsentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soyuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] and others. Leningrad, no. 11, Nov. 1965.

- KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda." Moscow, vol. 41, nos. 29(1787)-32(1790), Oct.-Nov. 1965.

- KRYLATI [THE WINGED ONES]. Issued by Tsentral'na upravla SUM [Central Committee of the Ukrainian Youth Association]. New York, vol. 3, no. 4, Apr. 1965.

- KUBA [CUBA]. Havana and Moscow, no. 10/14, Oct. 1965.

- KULTUUR JA ELU [CULTURE AND LIFE]. Issued by Eesti NSV Kultuuriministeerium and Eesti NSV Armeidigute Nõukogu [Ministry of Culture of the Estonian S. S. R. and the Council of Trade Unions of the Estonian S. S. R.]. Tallinn, vol. 8, no. 10, Oct. 1965 [In Estonian].

- MEDENIT ZHENE TURMYS [CULTURE AND LIFE]. Issued by Ministerstvo kul'tury Kazakhskoi SSR [Ministry of Culture of the Kazakh S. S. R.]. Alma-Ata, no. 10(88), Oct. 1965 [In Kazakh].

- MURZILKA. Issued by Tsentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soyuza molodezhi and Tsentral'nyi soviet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V. I. Lenin All-Union Pioneer Organization]. Moscow, nos. 10-11, Oct.-Nov. 1965.

- MY I SVIT' WE AND THE WORLD. Toronto, vol. 16, no. 122, Mar. 1965.

- NARODNAYA RUMYNIA [PEOPLE'S ROMANIA]. Bucharest, no. 6, June 1965.

- NOORUS [YOUTH]. Issued by Eestiinska Lenilikse Kommuunikatsiooni Noorsooühingu Keskkomitee [Central Committee of the Lenin Communist Youth League of Estonia]. Tallinn, vol. 20, no. 9(227), Sep. 1965 [In Estonian].

- NOVAJA ALBANIA [NEW ALBANIA]. Tirana, nos. 1-4, 1965.

- NOVOSTI AMERIKANSKOI KULTURY [NEWS OF AMERICAN CULTURE]. Issued by Amerikanskoe posol'stvo [U.S. Embassy]. Moscow, no. 16, 1965 (?)

- OGONEK [THE LITTLE LIGHT]. Moscow, vol. 43, nos. 42(1999), 44(2001)-44(2005), Oct.-Nov. 1965.

- OTCHIZNA, prilozhenie k zhurnalu "Golos Rodiny" [THE FATHERLAND, Supplement to the Periodical "The Voice of Our Country"]. Issued by Sovetskii komitet po kul'turnym svyaziam s sootchestvennikami za rubezhom [Soviet Committee for Cultural Relations with Our Countrymen Abroad]. Berlin, no. 11(25), Nov. 1965.

- PERETS [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina." Kiev, vol. 25, no. 19 (558), Oct. 1965.

- PIONER [PIONEER]. Issued by Tsentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soyuza molodezhi and Tsentral'nyi soviet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 42, no. 10, Oct. 1965.

- POLISHA [POLAND]. Warsaw, no. 10(122), 1964; nos. 3 (127)-5(129), 9(133)-11(135), 1965.

- RABOCHE-KREST'YANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT]. Published by Izd-vo [Publishing House] "Pravda." Moscow, no. 11, Nov. 1965.

- RANOK [MORNING]. Issued by TsK LKSM Ukrainy [Central Committee of the Lenin Communist Youth League of the Ukraine]. Kiev, nos. 10(150)-11(151), Oct.-Nov. 1965.

- ROVESNIK [CONTEMPORARY]. Issued by TsK VLKSM and Komitet molodozhnykh organizatsii SSSR [Central Committee of the All-Union Communist Youth League of Lenin and the Committee of Youth Organizations of the U. S. S. R.]. Moscow, vol. 1, nos. 9(30)-10(40), Sep.-Oct. 1965.

- RUSSKOE SLOVO V KANADE [THE RUSSIAN WORD IN CANADA]. Issued by Russkoe kul'turno-prosvetitel'-noe obshchestvo v g. Toronto [Russian Cultural Club in Toronto]. Toronto, vol. 15, no. 124, Mar. 1965.

- SEL'SKAYA MOLODEZH' [RURAL YOUTH]. Issued by TsK VLKSM [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 32, no. 11, Nov. 1965.

- SHMEL' [BUMBLEBEE]. Alma-Ata, vol. 10, no. 10(117), Oct. 1965 [In Kazakh].

- SKYNTIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin. Kishinev, vol. 35, no. 10, 1965 [In Moldavian].

- SLUOTA [THE BROOM]. Issued by Lietuvos Komunistu partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, nos. 18(265)-21(268), Sep.-Nov. 1965 [In Lithuanian].

- SOTSIALISTYCHNA KUL'TURA [SOCIALIST CULTURE]. Organ of Ministerstvo kul'tury URSS [Ministry of Culture of the Ukrainian S. S. R.]. Kiev, nos. 10-11, Oct.-Nov. 1965.

- SOVETSKII SOIUZ [SOVIET UNION]. Moscow, no. 12 (190), 1965.

- SOVREMENNAYA MONGOLIYA [CONTEMPORARY MONGOLIA]. Ulan Bator, vol. 9, no. 2(85), Feb. 1965.

- SVYTURYS [THE LIGHTHOUSE]. Vilnius, vol. 17, nos. 19(403)-20(404), Oct. 1965 [In Lithuanian].

- TAHEKE [THE LITTLE STAR]. Issued by ELKNU Keskkomitee and ENSV Pioneride organisatsioon Nõukogu [Central Committee of the Lenin Communist Youth League of Estonia and the Council of the Pioneers of the Estonian S. S. R.]. Tallinn, no. 9, 1965 [In Estonian].

- UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, vol. 25, nos. 39(455)-40(456), 42(458)-43(461), Sep.-Nov. 1965.

- URAL'SKII SLEDOPYT [URAL PATHFINDER]. Issued by Sverdlovskoe oblasnoye Soluzhishche pisatelei i Sverdlovskie promyshlennyyi i sel'skii okomy VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Industrial and Agricultural Committees of the All-Union Communist Youth League of Lenin]. Sverdlovsk, vol. 8, no. 9, Sep. 1965.

- V'ETNAM [VIETNAM]. Hanoi, Vietnam, nos. 5(92), 7(94), 1965.

- VOPROSY I OTVETY [QUESTIONS AND ANSWERS]. Moscow, no. 9(178), 1965.

- VOZHATYI [PIONEER GUIDE]. Published by Tsentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soyuza molodezhi and Tsentral'nyi soviet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 41, nos. 10-11, Oct.-Nov. 1965.

- VOZHAK [HEDGEHOG]. Minsk, vol. 25, no. 18(016), Sep. 1965.

- VSESVIT. THE WORLD. Issued by Spilka pys'mennykh Ukrainy i Ukrain'ske tovarystvo duzhyh i kul'turnoho zvyazku z zarubizhnyy krahany [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol. 8, no. 11(89), Nov. 1965.

- ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of Vsesoiuzskoe obshchestvo slopykh [All-Russian Society of the Blind]. Moscow, vol. 42, no. 10, Oct. 1965.

- ZVAIGZNE [THE STAR]. Riga, vol. 16, nos. 20(366)-21(367), Oct.-Nov. 1965. [In Latvian].

2. BIBLIOGRAPHY

BIBLIOGRAPHY

EZHGODNIK KNIG SSSR, sistematicheski ukazatel' [ANNUAL OF SOVIET BOOKS, Classified Index] Vol. 1, 1964 Issued by Vsesoyuznaya informatsionnaya palata [All-Union Book Chamber] Moscow, publ. 1963

INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHESKIH SPISOKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVetskogo Soiuza [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION] Issued by Gosudarstvennaya biblioteka SSSR [State Library of the U.S.S.R.] Moscow, vol. 9, nos. 19-20, Oct. 1965

KNIZHNAIA LETOPIS' [BOOK CHRONICLE] Issued by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber] Moscow, nos. 44, 46, 1965

Dopolnitel'nyi vypusk [Supplementary Issue] No. 9, 1965
Ukazatel' serii, vypusk kotorikh zaregistrirovanny v "Knizhnoi letopisi" za 1958 g. [Index of series registered in "Knizhnaya letopis'" for 1958 Ukazatel' on microfilm]

LETAPIS DRUKU BSSR LETOPIS' PECHATI BSSR [CHRONICLE OF THE PUBLICATIONS OF THE WHITE RUSSIAN S.S.R.] Issued by Dzhazhnaia biblioteka BSSR and Knizhnaya palata BSSR [State Library of the White Russian S.S.R. and the Book Chamber of the White Russian S.S.R.] Minsk, nos. 6-7, June-July 1965

LETAPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES] Issued by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber] Moscow, no. 10, 1965 Vspomogatel'nye ukazatel' k nos. 7-9 za 1965 g. [Indexes to nos. 7-9 for 1965]

LETAPIS' PERIODICHESKIH IZDANIY SSSR [CHRONICLE OF PERIODICAL PUBLICATIONS OF THE U.S.S.R.] Issued by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber] Moscow, Apr. 1965 - Apr. 1965

LETAPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF JOURNAL ARTICLES] Published by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber] Moscow, nos. 43-47, 1965

NAUJOS KNYGOS [NEW BOOKS] Vilnius, no. 3(39), May-June 1965 [in Lithuanian]

NOVYE KNIGI, ezhenedel'nyi informatsionno-bibliograficheski zhurnal [NEW BOOKS, Bibliographical Information Weekly] Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po pechatu [State Committee of the Council of Ministers of the U.S.S.R. for Printing] Moscow, vol. 10, nos. 39, 42-48, Sep.-Dec. 1965

NOVYE KNIGI SSSR [NEW BOOKS OF THE U.S.S.R.] Issued by Vsesoyuznoe obshchestvennoye "Mezhdunarodnaya kniga" [All-Union Association "International Book"] Moscow, nos. 8-17, 19-20, 37, 40-45, Feb.-May, Sep.-Nov. 1965

NOVYE KNIGI ZA RUBEZHOM Seriya V: Biologiya, medicina, sel'skoe khoz'yaistvo [NEW FOREIGN BOOKS Series V: Biology, Medicine, Agriculture] Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature] Moscow, vol. 9 no. 10, Oct. 1965

NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENNYM NAUKAM; ekonomika, filosofiya, istoriya, mezhdunarodnye otnosheniya [NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES; Economics, Philosophy, History, International Relations] Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature] Moscow, vol. 8, no. 10, Oct. 1965

SVODNYI BULLETEN' NOVYKH INOSTRANNYKH KNIG, POSTUPIVSHKH V BIBLIOTEKI SSSR Seriya A: Estestvennye nauki, medicina, sel'skoe khoz'yaistvo, tekhnika [UNION LIST OF NEW FOREIGN BOOKS RECEIVED BY THE LIBRARIES OF THE U.S.S.R. Series A: Natural Sciences, Medicine, Agriculture, Technology] Moscow, no. 3(85), 1965

LIBRARIES & LIBRARY SCIENCE

AKADEMIA NAUK SSSR. Biblioteka. Novye inostrannye knigi, katalog novykh postuplenii ... [ACADEMY OF SCIENCES OF THE U.S.S.R. Library. New Foreign Books, Catalog of New Accessions. . .] Leningrad, no. 9(160), 1965.

BIBLIOTEKAR' [THE LIBRARIAN], Organ of Ministerstva Kultury SSSR [Ministry of Culture of the U.S.S.R.] Moscow, vol. 13, no. 10, Oct. 1965.

Table of contents translated
Seglin, F. - Spirit of the cause. p. 1.
Marsal'skaya, O. - Let's educate according to revolutionary traditions. p. 1

Posokhov, I. - Relying on rural libraries. p. 5.
Rymar, E. - For each reader. p. 6.
Shal'nev, S. - Concerns of reminder readers. p. 8.
Artem'ev, V. - Propagandists of chemistry. p. 10.
Kostylev, V. - Restless people. p. 12.
Tugov, IU. - Organization of work on a scientific basis. p. 13.

Snarygina, L. - For popularization of patents. p. 16.
Romanov, I. - House of the Atheist and libraries. p. 18.

Vainerman, F. - To children about Lenin. p. 20.
Enef'yanova, V. - Communist Youth League members help the library. p. 22.

Vereshchagin, M. - Working youth is at the center of attention. p. 24.

Grechneva, L. - Disputes flare up. p. 26.
Vaks, I. - Encounter with the living Pushkin. p. 28.
Vetlueva, E. - In the multicolored world of art. p. 30.

Frumin, I. - Catalogs must be of high quality. p. 32.
Kazantseva, A. - Effective measures. p. 34.
Mallugin, V. - Done jointly and in a practical way. p. 36.

Zhvery, K., Ogorodnikova, Z. - Individual information. p. 38.

Zakharchuk, N., Lapteva, N. - What the province conference revealed. p. 39.
Smirnova, B. - How to use recommended bibliographies. p. 42.

Sergeeva, S. - Library for scientific workers. p. 46.
Ivanov, I. - Everything for the specialist. p. 49.
Linkhovetskaya, L. - On one theme. p. 51.

Wages of librarians. p. 58.
Model statute for province, territory, and republic (A.S.S.R.) libraries. p. 60.

PRINTING & THE BOOK TRADE

KNIZHNAIA TORGOVLIA [BOOK TRADE], Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po pechatu i tsentral'nyi sovet potseblitel'skikh obshchestv SSSR [Central Committee of the Council of Ministers of the U.S.S.R. for Printing and the Central Union of Consumer Societies of the U.S.S.R.], Moscow, vol. 16, no. 4, Apr. 1965.

Table of contents translated

Lenin and books. p. 1.
Property of the people. p. 3.
Morskoi, M. - Communists are propagandists of books. p. 4.

Manuchar'yants, S. - From the book "In the Library of Vladimir Il'ich". p. 5.
The village of Cheidaki in Ur'yansovsk Province. p. 7.

On the Day of the Press. p. 8.
Govorov, A. - Bookselling firm. p. 10.
Kovalevskaya, A., Shvugerman, A. - Salon of art items. p. 12.

News in the book trade. p. 14.
Epshteyn, M. - Textbooks on order. p. 15.
Tsiye, K. - In the main store. p. 16.

Gendel, L. - Improve the accounting of sales. p. 17.
Arbuzov, M. - A remarkable step has been made. p. 18.

Subbotin, IU. - When the book trade lags behind life. p. 19.
Taraev, S. - In the window display and in the store. p. 21.

Muratov, Kh. - On steel highways. p. 22.
Erotskil, I. - Vocation. p. 26.
Three friends. p. 28.

Kurenkov, N. - We love this home. p. 29.
Bogushevich, IU., and others. - Results of a survey. p. 30.

Kuzovnikov, D. - What does the Uzbek book trade reveal? p. 32.
Donetskii, K. - New series. p. 33.

Bekbaev, A., Uzbekhanov, N. - Our advertisement. p. 34.
Rubinshtein, E. - Together with the publishing house. p. 35.

Pichkhaidze, M. - Peir Il'ich Chaikovsky. p. 37.
Kochergina, L. - Beyond the 60th parallel. p. 38.
Sobolev, L. - The people's store "Sputnik". p. 41.

Borisova, IU. - Prompted by practice. p. 42.
Popova, T. - Musical games. p. 43.

Table which can be assembled and disassembled. p. 46.
Legal advice. p. 48.

POLIGRAFIYA [PRINTING], Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po pechatu [State Committee of the Council of Ministers of the U.S.S.R. for Printing] Moscow, no. 8, Aug. 1961

Table of contents translated

Higher quality of paper. p. 1.
Tat'yev, D. P. - Synthetic fibers are the basis for the stabilization of the parameters of printing paper. p. 3.

Kaganova, R. I., Voskresenskaya, T. T. - Broad selection of excellent paper should be available for printing. p. 5.

Georgievskaya, L. - It is time to pass from wood to steel. p. 6.

Vinokurov, I. P. - More grade A newspaper. p. 11.
Sidorova, A. V. - It is difficult to work with such paper. p. 13.

Pikalov, I. - Improving the work of the paper industry. p. 15.

Kuz'monko, P. - Publishers and printers should strive in their fight for quality paper. p. 16.

Lenau, V. M. - Quantity should not be the criterion of quality. p. 18.

Pogorslan, I. A. - Improving the transportation, storage, and use of paper. p. 20.

Pashkov, M. V. - All resources should be used to improve the quality of production. p. 21.

Tas'man, S. R., and others. - Assembly-line production of complicated kinds of typesetting. p. 22.

Becezhuk, IU. N., Labinskii, V. S. - Forms with contact copper plating of printing elements. p. 24.

Rabinovich, A. D. - Prospects for the development of electronic printing machinery. p. 26.

Gulova, E. M., Krikorian, G. A., Nikanorikhin, E. A. - Improving the photosensitivity of the developing layer. p. 28.

Filippov, V. P., Sidorin, IU. A. - Automating the tabulation of prepared work. p. 30.

Karpov, P. V. - Mechanization of lithography and bookbinding operations. p. 32.

Filling the boiler of the "20GA" automatic coloring machine. p. 33.

Yanov, A., Finkel'son, B. - Volunteer's Design Office. p. 34.

Khalikina, E. G., Semenova, E. F. - Polymers in offset work. p. 35.

Shkol'nik, S. I., Shinnitski, V. M., Batanova, O. I. - Synthetic linking rollers. p. 36.

Malova, T. N., Raskulova, K. A., Strel'nikova, L. B. - Determining the adhesiveness of printing ink. p. 37.

Gurevich, S. M. - It is necessary to discuss. p. 38.

Legkoduhi, D. - It is necessary to get the help of provincial departments of printing. p. 40.

Vojin, V. V. - New types. p. 40.

Khusov, T. I. - Eliminating breakdowns in linotype-composing machines. p. 41.

No. 4, Apr. 1965.

Table of contents translated

Improve the organization of scientific research in the printing industry. p. 1.

Socialist obligations to improve further the technical standard, the quality, and the reliability of printing. p. 3.

Panteleev, I. A. - Introduce research work in an active way. p. 5.

Bolotov, L., Likhachev, V. - Main trends in specialization in enterprises of the printing industry from 1955 to 1970. p. 7.

Tishin, V. N. - Higher quality of color printing. p. 9.

Mashtaler, R. M. - Problems of the economic basis for the printing of multicolor newspapers. p. 11.

Molotov, S. - There are possibilities for the organization of training. p. 16.

Mut'mester, M. V. - Organization of the printing of books from typewritten copy. p. 19.

Ateshko, A. - Method of reproducing a text with the aid of photographic negative types. p. 22.

Tromul, V. M., and others. - Flexographic printing on cellophane. p. 26.

Fentis, A. - Preparing offset forms on unpolished aluminum. p. 28.

Posmetel'shin, N., Sal'mikov, G. - Plastic linotypes. p. 31.

Kuts, V. - Equipment for electrophotography. p. 32.

Evacenko, A. - Vibration meter. p. 34.

Liberman, N. I. - Equipment for light engineering and photometric measurements. p. 36.

Kalinin, E. I., Strel'kina, L. I. - New printing font. p. 37.

Egorova, M. - I. I. Fonina's work. p. 38.

No. 7, July 1965.

Table of contents translated

Improve the quality of production execution. p. 1.

Beskorovaynii, A. I. - Printing plant of the "Krasnaya Zvezda" newspaper, three-line printer of orders. p. 3.

Comrade A. I. Mikolain's speech. p. 41.

Ernst, A. - "Art of the Book" 1965 International exhibition in Leipzig. p. 6.

Tolmachev, S. B. - Survey of the best achievements in the book arts. p. 6.

Markus, V. A. - Specialization of enterprises producing printed works for children. p. 7.

- Levin, A.M., Shpil'nyi, M.I.A. - Strengthening cost accounting in printing enterprises, p.10.
 Fomichev, V. - Work of repair shops in enterprises of the Main Administration for the Printing Industry, p.12.
 Belorutskiy, M.M., Voronova, T.V. - Ways of improving the quality of the image of relief printing, p.15.
 Berlin, A.S., Malafeyev, E.V. - Optimal justification of lines, p.17.
 Gostushev, A.A. - Preliminary tightness in printing apparatus of flat-bed presses, p.19.
 Belovetskii, L.K. - Free and forced rolling of the cylinders of printing presses, p.22.
 Filin, V.N. - Present-day theory of projection screens and screen intervals, p.26.
 Mikhlin, O. - Repair of the PRG (drive apparatus), p.30.
 Modernization of MFA electrical equipment, p.31.
 Aksenova, T. - Improvement of the POR machinery, p.32.
 Berdichevskii, M. - In the "Iskra Revoliutsii" Printing Plant, p.33.
 Sunygin, K. - Strengthening the sheet-feeder tape, p.34.
 Aleev, R.G. - Survey of the books of five republics, p.36.
 Kaplanskii, E.F., Trushin, S.A. - Best Leningrad publications of 1964, p.38.
 Rubinshteyn, I.A. - Work of teenagers in printing enterprises, p.40.
 Dubrov, A.I. - Book production in the German Democratic Republic, p.41.
 News of printing in foreign countries, p.46.

No. 8, Aug. 1965.

- Table of contents translated.
 Improve the quality of book and magazine production, p.1.
 Pashkov, M.V. - Greeting the Fourth Congress of the Science and Technology Society, p.3.
 Lagovets, V.A. - Improve the quality of finishing work, p.5.
 Solokhina, V.G., Samoshenkova, K.G., Bakhmutova, T.G. - Bimetal plates on smooth aluminum for offset forms, p.8.
 Emdin, A. - Constant factors in the etching of copper by solutions of ferric chloride, p.10.
 Rudnikskii, M.S., Barnich, U.A., Brilantov, E.P. - Use of glues in stitching and bookbinding, p.12.
 Best books of 1964 for artistic book and printing, p.15.
 Burov, K.M. - Results of the All-Union Book Inspection, p.16.
 Varshevskii, L.R. - Outward appearance, format, and production quality, p.37.
 Il'enko, E.I. - Scientific, technological, and industrial publications in the All-Union context, p.40.
 Gorchakov, N.I. - Excellent format and printing for White Russian books, p.43.
 Liberman, N.I. - Instruments for gauging pressure, p.45.
 British printing yearbook, p.48.

No. 9, Sep. 1965.

- Table of contents translated.
 Greater effectiveness and persistence, p.1.
 Makonchuk, A. - Improving the technique and the technology of special kinds of printing, p.2.
 Glushko, V.D. - Link with production, p.4.
 Nepochenko, N., Karpiluk, V., Vueta, L. - Some characteristics of offset printing on tin, p.5.
 Shestakov, L.G., Babink, Z.V., Bondarev, O.P. - Ways of preparing stencils, p.8.
 Rudnova, S.P. - Screen stenciling, p.9.
 Bablák, B., and others. - Color separation images of equal contrast, p.10.
 Landford, A., Tir, N., Goldberg, M. - Stencil printing on glassware of cylindrical form, p.12.
 Zalechuk, V., Dubovitskii, V. - Printing on industrial goods, p.14.
 Zhukovskiy, A.P., Tremut, V.M. - Deformation of flexographic forms, p.15.
 Iampol'skaia, D.B., and others. - Sound-track printing production, p.16.
 Dubovitskii, V., Dmitrieva, M., Bludina, A. - Images transferred to etched glass, p.17.
 Karpenko, E.S., and others. - Treating the surface of polyethylene film, p.18.
 Tremut, V.M., and others. - Flexographic inks for printing on cellophane, p.10.
 Klechak, R.I., Pastukh, R.M. - Characteristics of inks used in stencil printing, p.21.
 Gurevich, E., Drannik, L., Shkurko, M. - Stenciling inks for printing on glass, p.22.
 Chernala, M., Fishbein, P., Rozhnintovskaya, K. - Lacquer for printing aluminum, p.24.
 Brighofa, V., and others. - Preparing inks with the aid of ultrasonics, p.25.
 Iankovskiy, L.A. - Experimental printing plant, p.26.
 Shamborovskii, I.A.K. - Sheet-fed rotaries and make-ready presses, p.27.
 Bolozero, E., Solivanov, I.U. - Selecting tympani under production conditions, p.29.
 Alekseev, G.A. - Significance of axial rolling of ink on sheet-fed machines, p.32.

- Chumakov, L.V., Panfilov, P.I. - Technology of preparing embossed dotted-line printing, p.36.
 Sharov, B. - Preparing bimetal forms, p.38.
 Khazandzhii, V. - Gluing envelopes for phonograph records, p.38.
 Markovich, A. - Synthetic supports under plastic stereotypes, p.39.
 Gorbachevskii, B., Kostov, V. - In British printing plants, p.40.
 Kostov, G.T. - New ways of developing pigment copy, p.45.
 Samoilov, D.P. - "Printing and publishing," [Review] p.46.
 Grushko, L. - Book for workers in printing plants, p.47.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Nauchnye doklady vysshego shkoly, filosofskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools, Philosophical Sciences]. Moscow, vol.8, no.5, 1965.
 Table of contents translated:
 Eadov, V.A. - Urgent problems of concrete sociological research, p.3.
 Zemlinskii, F.M. - Philosophical meaning of the principle of symmetry and asymmetry in the theory of "elementary" particles, p.12.
 Narskii, I.S. - Dispositional predicates in logic and the problem of "secondary qualities," p.20.
 Valenta, Zdenek. - Essential difference between physical and intellectual work in Czechoslovakia, p.29.
 Suslov, V.I.A. - Change of the content and character of work under socialism, p.40.
 Filippov, G.G. - Role of the ethical factor in present-day industrial production, p.47.
 Popov, S.I. - Categories of value and evaluation and Marxist philosophy, p.55.
 Fedosova, A.P. - The concept of value and Marxist ethics, p.64.
 Geddy, A. - Marxism and the decay of bourgeois ideology, p.68.
 Dobrokhvalov, V.P., Tshisin, N.V. - Methodological aspect of the hybridization theory, p.70.
 Kollo, V.Zh. - Problems of genuine humanism, p.88.
 Bogdanovskii, A.F. - A book on linguistic philosophy, p.92.
 Litubatin, K.N. - Criticism of anti-communist falsification of Marxist philosophy, p.97.
 Mniko, A.F. - Paging through philosophical journals of socialist countries, "Studia filosofice," 1963-1964, p.101.
 Vostokov, B.I., Khlazeva, L.G. - A symposium on materialistic dialectics, p.103.
 Conference of the editors of philosophical journals of the European socialist countries, p.120.
 Safiroshkin, V.G., and others. - Zonal scientific conferences on philosophy, p.131.
 Chesnokov, E.N. - An all-round approach to the philosophical problems of the present-day natural sciences, p.136.
 Krystev, M. - On the review of A.Gavrilov's work "Concerning the natural of consciousness," p.139.
 Svetlov, L.B. - Apropos of G.Shklovskii's work entitled "The mysterious Radishchev," p.143.
 New books on philosophy, p.148.

b. RELIGION

- BEIJI LOTOS [WHITE LOTUS]. Burbank, Calif., no. 10, 1965.
 BRATSKII VESTNIK [HERALD OF BROTHERHOOD]. Issued by Vsesoluznyi soviet evangel'skikh khristian-kapitslov [All-Union Council of Evangelical Christians and Baptists]. Moscow, no.3, 1965.
 Table of contents translated:
 To all parishes of Evangelical Christians and Baptists in the U.S.S.R., p.3.
 Christian theses of peace, p.5.
 Communiqué of a meeting of the Committee for the Study of International Problems of the Christian Peace Conference, p.0.
 Do not stand aloof from the service of peace, p.7.
 Meeting of the Theological Committee of the Christian Peace Conference in Leningrad, p.8.
 Whitsunday 1965: a message of the presidents of the World Council of Churches, p.12.
 Community of the children of God, p.13.
 Hosanna, p.16.
 Sonov, K.V. - Baptism by the Holy Ghost, p.23.
 Mitkovich, A.I. - General priesthood and the servants of the Church, p.29.
 Fadukhin, S.P. - Precepts to an ordained presbyter of the Church, p.37.
 Way to the purity of heart and sanctity of life, p.39.
 Slobodanik, V.A. - Ham's conduct, p.46.

- Apostle Andreas, p.50.
 Fici, I.A.A. - Three crosses, p.51.
 Kirev, A.V. - Golgotha, p.53.
 Johann Amos Comenius, p.53.
 News from the parishes, p.72.
 Timchenko, S.T., Fadiukhin, S.P. - A trip to Alma-Ata, p.78.

HOLOS SPASYTELIA REDEEMER'S VOICE. Issued by Ottsi Redemptorysly [Redemptorist Fathers] Yorkton, Canada, vol. 37, nos 11-12, Nov - Dec 1965

LIUDYNA I SVIT [MAN AND THE WORLD]. Issued by Tovarystvo "Znannya" Ukrainy kol RSR ["Znannya" Society of the Ukrainian S S R] Kiev, vol. 5, nos 1(52)-3(50), Jan - May 1965

NAUKA I RELIGIJA [SCIENCE AND RELIGION]. Issued by Vsesojuznoe obshchestvo "Znani" ["Knowledge" All-Union Society] Moscow, vol. 7, no. 11, Nov. 1965

- ORTHODOX EASTERN CHURCH, RUSSIAN Patriarch Zhurnal Moskovskoi Patriarkhii. [Journal of the Moscow Patriarchate]. Moscow, no. 0, 1965
 Table of contents translated:
 Decisions of the Holy Synod, p.1.
 Brief news, p.3.
 Services of His Holiness Patriarch Alexii, p.4.
 Kaznovetskii, A. - To the Holy Sepulcher (conclusion), p.4.
 Rozikov, V. - Sir Francis Blam, President of the World Council of Churches, visits the Soviet Union, p.12.
 Nun Nina (Latni). - News from the Russian Church Mission in Jerusalem, p.14.
 Severin, G. - His Eminence Gurii, Metropolitan of Simferopol' and Crimea, Obituary, p.17.
 Metropolitan Ioann. - In memory of a friend and teacher, p.20.
 Nekrasov, V. - A.F. Shishkin, obituary, p.21.
 In memory of Archbishop Georgii Shumkin, p.23.
 Letter from Bishop Doctor Danil Tbov to Nikodim, Metropolitan of Leningrad and Ladoga, p.25.
 Letter from Bulgarian Theologians, p.27.
 Caddu, Ioann, S. - On the Orthodox Church, p.27.
 News from the dioceses, p.28.
 Obituaries, p.28.
 Bishop Feodosii. - Sermon for the ninth week after Pentecost, p.30.
 Lebedev, M. - Sermon for the 11th week after Pentecost, p.32.
 Metropolitan Nikodim. - Meditations on the books of the All-Wise, p.34.
 Dnevskii, A. - Solian diary, p.39.
 Casalia, Georges. - Meeting of the Theological Committee of the Christian Peace Conference in Leningrad, April 7-11, 1965, p.49.
 Lenchevskii, Nikolai. - Canonization of His Beatitude Stefan, Metropolitan of Warsaw and Poland, p.54.
 Zabolotskii, N. - God's reconciling and peace among peoples, p.61.
 Saint Iosif Volotakii, p.65.
 Beiki, Fentz. - At the celebration of the millenary of Athos (to be continued), p.74.

PRAVOSLAVNYI UKRAINET'S. THE ORTHODOX UKRAINIAN. Issued by Ukraina'ska Pravoslavna Tserkva Rada [Ukrainian Autocephalous Orthodox Church in the U.S.A.]. Chicago, vol. 13, no. 3(99), July-Sep 1965

RIDNA TSERKVA [OUR BELOVED CHURCH]. Issued by Bogoslovs'ko-naukovykh instytut Ukrain'skoi avtokefali - noi pravoslavnoi tserkvy na chuzhyni [Theological Institute of the Ukrainian Autocephalous Orthodox Church Abroad]. Munich, vol. 14, no. 64, Oct - Dec. 1965.

RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK THE RUSSIAN AMERICAN ORTHODOX MESSENGER Organ of Metropolitchii okrug Russkoi Pravoslavnoi Tserkvy v Amerike [Metropolitanate of the Russian Orthodox Church in America]. New York, vol. 61, no. 5, May 1965

SVITLO THE LIGHT. Issued by O.O. Vasyliany [The Basilian Fathers]. Toronto, vol. 28, no. 5(500), May 1965

VECHNOE [THE ETERNAL]. Paris, nos. 10(214)-11 (215), Oct.-Nov. 1965.

4. HISTORY

a. GENERAL

- AKADEMIA NAUK SSSR Institut istorii. Vestnik drevnei istorii [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of History. Review of Ancient History]. Moscow, no.1(61), 1965
 Table of contents translated:
 Melikishvili, G.A. - Rise of the Hittite Kingdom and the problem of the earliest inhabitants of Transcaucasia and Asia Minor, p.3

- Shevoroshkin, V. V. - Experiment in deciphering Carian inscriptions p. 31.
- Glushkina, L. M. - Legal position of Athenian freedmen in the fourth century B.C. p. 51.
- Shatarkin, E. M. - "The slave question" in the Roman Empire p. 62.
- Kufishin, A. G. - Determining the date of the reign of Ensi Gudca, 2162-2137 B.C. p. 62.
- IAkhobson, V. A. - Social structure of the New Assyrian Empire p. 100.
- Brashinskii, I. B. - Some dynastic peculiarities in the rule of the Spartocids on the Bosphorus. p. 118.
- Pugachenkova, G. A. - Iconography of Heracles, some problems in early Kushan history p. 127.
- Kropotkin, V. V. - Heard of Roman denarii found in Podlesnaya Village in Sumy Province p. 136.
- Vinnikov, I. N. - More on Palmyrene inscriptions in the Soviet Union p. 139.
- Kurkatov, G. L. - Bakers' corporation in Antiochia in the 4th century p. 141.
- Bongard-Levin, G. M. - Vorob'ev-Destiatovskaya, M. I. - Fragments of Sanskrit manuscripts from Zang-tepe, preliminary report p. 154.
- Solomon Iakovlevich Lur'e, an obituary p. 226.
- Amusin, I. D., Botvinnik, M. N., Glushkina, L. M. - In memory of a teacher p. 228.
- Amusin, I. D. - List of works by S. I. A. Lur'e p. 231.
- Tacticus, Aencas - How to hold out under siege (to be continued) p. 237.
- No. 2(92), 1965.
- Table of contents translated
- Heitzer, M. L. - Once more on the communal self-government in Ugarit. p. 3.
- Dandamaev, M. A. - The temple tithe in late Babylonia. p. 14.
- P'iankov, - "The history of Persia" by Ctesias and the Central Asian satrapies of the Achaemenids of the end of the 5th century B.C. p. 35.
- Averintsev, S. S. - The choice of heroes in Plutarch's "Parallel Lives" and the ancient biographical tradition. p. 51.
- Press, L. - Cult sites in the Hellenic time. p. 68.
- Savel'ev, I. U. A. - The palace in Yount in Cyprus. p. 79.
- Levi, C. I. - An Oriban inscription with a dedication to Apollo, the Healer. p. 86.
- Boltunova, A. I. - Unpublished epitaphs from Keich and its environs. p. 83.
- Silov, A. I. - A hoard of Bosphorus coins found in the Furlatovskaya Cossack village. p. 101.
- Kruger, O. O., Bystrikova, M. G. - Unpublished papyri and other texts of the State Hermitage. p. 103.
- Shehtglov, A. N. - Notes on ancient geography and topography of Sarmatia and Taurida. p. 107.
- Novitskaya, K. I. - "Defensor civitatis." p. 113.
- El'mekil, L. A. - History of the antichurch and anti-Christian tendencies in Armenia in the fourth century A.D. p. 122.
- Dokoni, N. G. - Monuments of ancient Egypt in the Odessa State Archaeological Museum. p. 208.
- Heitzer, M. L., Semper, N. E. - A conference on Semitic languages. p. 213.
- Aleksandr Ivanovich Voionkov, an obituary. p. 244.
- AKADEMIA NAUK SSSR, Institut slavjanovedeniia, Uchenye zapiski [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Slavic Studies, Studies], Moscow, vol. 28, 1965. The liberation movement among Western and Southern Slavs, 18th-20th century.
- Table of contents translated:
- Mitina, N. P. - The revolutionary democratic movement in Siberia on the eve of the revolt of Polish exiles on the Lake Balkal road. p. 3.
- Fedosova, T. F. - The Society of Polish Students in Moscow University, 1855-1863. p. 24.
- Tal'yvinskaya, Z. I. A. - Establishment of the Oshmyany Revolutionary Organization and the "Penikovich" Society, 1861-1862. p. 51.
- Storozhuk, V. P. - The Polish emigrants in Rumania and the uprising of 1863; based on materials in the reports of the Russian diplomatic representatives. p. 77.
- Obushenkova, L. A. - Archival deposits on the history of the 1863 uprising; documentary materials of the state administrative organs of the territories involved in the uprising. p. 80.
- Shitakov, I. U. I. - Financial projects of the insurrectional National Government. p. 115.
- Konobeev, V. D. - The national liberation movement in Bulgaria, 1853-1854. p. 134.
- Grachev, V. P. - From the history of the studies of Slavic medieval institutions; the problem of the "zhupa" and "zhupan" in historiography. p. 178.
- Anna Konstantinovna Tseloval'nikova, an obituary. p. 210.
- ALMA-ATA UNIVERSITET, Kafedra istorii, Bibliografiya po istorii Kazakhstana [UNIVERSITY Department of History Bibliography of the History of Kazakhstan], No. 1, 1964.
- INSTITUT ZUR ERFORSCHUNG DER UdSSR, Materialy i soobshcheniya issledovatel'skogo oldela [INSTITUTE FOR THE STUDY OF THE U.S.S.R., Materials and Reports of the Research Department], Munich, no. 55/56 (183-184), 1964.
- Table of contents translated:
- Akhimov, G. F. - Will division of labor disappear? p. 5.
- Galai, N. I. A. - The significance of the creation of a supreme command in the U.S.S.R. p. 27.
- Glovinskii, E. A. - State budget of the U.S.S.R. for 1964-1965. p. 42.
- Vvedenskii, G. A. - The food industry of the U.S.S.R. p. 60.
- Novak-Deker, N. K. - Intensification of Soviet agriculture. p. 76.
- Kahyski, S. S. - Problems of land improvement in the U.S.S.R. p. 80.
- Voronitsyn, S. S. - Problem of young labor in Soviet agriculture p. 100.
- N. T. - The most important events in the life of churches and religious associations in the U.S.S.R., brief news p. 108.
- R. Z. - Brief surveys of periodicals on Soviet studies p. 115.
- Mironenko, I. U. P. - Chronicle of events in the U.S.S.R. p. 120.
- ISTORIA SSSR [HISTORY OF THE U.S.S.R.], Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.], Moscow, vol. 9, no. 3, May-June 1965.
- Table of contents translated
- Voronov, I. I. - The great exploit of the Soviet people, memoirs (to be continued). p. 3.
- Kladi, A. P. - Heroes of the first days of the war p. 39.
- Daniluk, M. Z. - The working class of the Ukraine during the years of the Great Patriotic War. p. 50.
- Arapova, L. I. - Publication of documents on the history of the Great Patriotic War. p. 66.
- Kurnosov, A. A. - Sources of the history of the nationwide resistance behind the lines of the German Fascist invaders, 1941-1945. p. 70.
- Astrakhtseva, I. F. - Materials for studying the work of the miners in Kuznetsk Basin during the years of the Great Patriotic War. p. 87.
- Iablochkin, I. U. N. - In the environs of Leningrad after the Battle of Kursk. p. 93.
- Nefgol'dberg, V. I. A. - The Ladoga waterway in 1941 and 1942. p. 102.
- Kardashov, V. I. - How the front areas aided besieged Leningrad. p. 113.
- Iatsenko, V. D. - The youth of the Ukraine among the partisans. p. 120.
- Maksakova, L. V. - Theater at the front, 1941-1945. p. 137.
- Strizhkov, I. U. K. - G. M. Zuzmanovich, commander of the supply army p. 146.
- Blachovskaya, M. I. A. - History of the first "Sunday schools" in Kiev; P. V. Pavlov's unknown letters. p. 150.
- Kuprianova, L. V. - Formation of municipal proletarian centers in Northern Caucasus, 1961-1960. p. 156.
- Troitskii, S. M., Khorooshkevich, A. L. - A survey of the literature on the history of the U.S.S.R. in the period of feudalism, published in 1964. p. 168.
- New literature on the history of the U.S.S.R. p. 194.
- Schulzter, Horst. - In Berlin after the liberation. p. 200.
- Amort, Cestmir. - From the history of the deliverance of Prague by the Russian Army. p. 226.
- Lehar, Bohumil. - The use of Soviet experience in the study of the history of factories and plants in Czechoslovakia. p. 228.
- Akhmedov, G. M., Ste'lnik, B. I. A. - In the Institute of History of the Academy of Sciences of the Azerbaijan S.S.R. p. 239.
- Marasimova, L. M. - New documents on the history of the Pskov feudal republic of the 14th and 15th centuries. p. 242.
- of the Pskov feudal republic of the 14th and 15th centuries. p. 242.
- ISTORYCHNI DZHERELA TA IKH VYKORYSTANNIA [HISTORICAL SOURCES AND THEIR USE], Issued by Institut istorii Akademii nauk Ukrainy [Institute of History of the Academy of Sciences of the Ukrainian S.S.R.], Kiev, no. 1, 1964.
- Table of contents translated:
- Grabovskiy, V. V., Kalnichenko, V. L., Liudkovskiy, Sh. S. - The role of state archives in the development of local history studies. p. 9.
- Esenko, P. P., Romanil, G. P., Harnaba, I. V. - Acquisition of documentary materials for archives. p. 21.
- Satalina, I. B. P. - Transmission of the text of documents of the Soviet period. p. 37.
- Protsenko, L. A. - Collections of documents as a source for the study of special historical disciplines. p. 52.
- Kryp'nikeyevych, I. P. - Chronicle of the 14th and 15th century in Galicia. p. 63.
- Shevchenko, I. P. - Diplomatic activity in the Ukraine during the period of the liberation war of 1918-1919. p. 61.
- Petrov, V. P. - The historical topography of Kyiv. p. 114.
- Brachevskyi, M. I. U. - Monumentation in the Ukraine on the early history of eastern Slavic lands. p. 141.
- Mistina, V. P. - Abridged publication of documents. p. 167.
- Isalevych, I. A. D. - Ukrainian archaeography of the 17th and 18th centuries. p. 174.
- Zaidarchyshyn, P. I. - Specific paleography of the Ivoy writing of the 16th and 17th centuries. p. 189.
- Khomutets'ka, Z. S. - Specific paleographic features of the collection of Kremenets court records of the 16th century. p. 196.
- Chumtulo, V. D. - The form of documents from the collection of records of the court of the Kremenets Zemstva. p. 203.
- Sydenenko, V. D. - Compilation of a school history of Ukrainian history of the Soviet period. p. 210.
- Kis', I. A. P. - Chronology of the written monuments of the lands of Western Ukraine from the 14th to the 18th century. p. 218.
- Vatalla, P. S. - From the history of Ukrainian archaeography. p. 225.
- Maykovych, O. V. - Documentary material from the Central State Historical Archives of the U.S.S.R. in the city of Lvov as a source for study of archaeology. p. 233.
- Ilavitsky, V. O. - The birth of the Ukrainian nation in the 14th and 15th centuries and the problem of counting the time of their origin. p. 233.
- Kryp'nikeyevych, I. P. - Historical archaeology in Western Ukraine to 1939. p. 261.
- Svishnikov, I. R. - A contribution to the history of coinage in Lvov. p. 269.
- Savitskyi, M. F. - The signet of the Ukrainian People of the Russian Social Democratic Party, August 1901-June 1905. p. 277.
- Utra, R. O. - Attached seal from the Vynnytsia site. p. 284.
- Baraboi, A. Z. - About the Ukrainian historical metrology. p. 287.
- KALENDAR' ZNAMENITAT' NYKH I PAM'YAT'NYKH DAT [CALENDAR OF SIGNIFICANT AND MEMORABLE DATES], Issued by Izdatel'stvo "Sovetskaya i Gumanitarnaya publika" [Soviet and Humanitarian Publishing House], Moscow, vol. 10, no. 11, 1965.
- PALESTINSKII SBORNIK [PALESTINE REVIEW], Issued by Rossiiskoe palestinskoe obshchestvo [Russian Palestine Society], Moscow, no. 24 (77), 1965.
- Content: Rylova, R. G. [Grammar of the Arabic language by Iblan of Tishan of the 11th century], Grammatika arabskogo yazyka Iblana XI v. 160 p.
- RIGA, UNIVERSITATE, Zinatnide rakoni [Scientific Latvian language university studies], UNIVERSITY STUDENT, Vol. 11, 1959. Latvian philologist's studies. Latvian philologist's studies [Historical and Philological Sciences], no. 1.
- UKRAINS'KYI ISTORYCHNYI ZHURNAL [UKRAINIAN HISTORICAL JOURNAL], Issued by Institut istorii Akademii nauk Ukrainy [Institute of History of the Academy of Sciences of the Ukrainian S.S.R.], Kiev, vol. 8, no. 3, May-June 1961.
- Table of contents translated:
- Avilov, O. V. - For a large-scale development of chemical industry. p. 3.
- Koval'ov, I. A. - The CPSU program request for defense of our socialist fatherland. p. 11.
- But'ko, M. O. - Party activities in the Ukraine during the years of the Great Patriotic War, 1941-1945. p. 24.
- Nemlaty, V. M. - Organization and activities of the party underground in southern Ukraine, 1941-1945. p. 35.
- Babii, M. I. - Party leadership of the anti-fascist struggle in Vinnytsia region. p. 41.
- Horak, V. V. - Propaganda and incubation of progressive methods in agriculture, 1954-1955. p. 60.
- Ukhovych, D. I. - The role of the working class of the Ukrainian S.S.R. in the material and technical development of the virgin lands areas of Kazakhstan, 1954-1962. p. 57.
- Kohanyk, M. K. - Conferences of workers at peasants not affiliated with the party, 1920-1920. p. 63.
- Lavrov, I. U. P. - Foreign inventions in the technology of southern Ukraine. p. 60.
- Vorvch, I. D. - Taras Shevchenko among his friends. p. 75.

- Baronov, H. A. - Measures of the party organization of the Ukraine improving the fodder supply for stockbreeding, 1953-1958. p. 81.
- Fedorchuk, P. S. - Political education work of the Communist Youth League organizations in the heavy industry enterprises of the western provinces of the Ukraine, 1959-1961. p. 82.
- Reiter, H. M. - Beginnings of the monopolization of the sugar industry in the Dnieper high-bank areas of the Ukraine. p. 83.
- Tarasenko, A. V. - Further development of Lenin's theory of socialist revolution by the Socialist United Party of Germany. p. 84.
- Khudjak, R. A. - Improvement in the qualifications and cultural level of the miners of the Donets Basin, 1951-1955. p. 86.
- Koval, M. V. - The cultural and scientific relations of the Ukrainian S.S.R. with foreign countries during the years of the Great Patriotic War. p. 90.
- Babko, I. V. - Execution of the purge in the ranks of the Communist Party of the Ukraine in 1913 and 1931. p. 91.
- Plymerov, I. N. - The fight against the Platakov factional group in the Donets Basin during the period between the 10th and the 11th Congresses of the party. p. 100.
- Baraboi, A. Z. - From historical commentaries to the works of T. H. Shevchenko. p. 104.
- Successful completion of the book "History of the cities and villages of the Ukrainian S.S.R.," p. 108.
- Verkhovnyi, O. U. - The teaching of history in secondary correspondence schools. p. 111.
- Ivanchenko, A. V. - Toponymic research carried out by students. p. 112.
- Berezovchuk, M. D. - The Ukrainian Committees of the Poor. p. 114.
- Panbud'aska, V. G. - The Tripol'ye march in June and July 1919. p. 116.
- Zhovtobukh, M. A. - A. A. Shukumatov's contribution to Russian science. p. 120.
- Slechych, V. V. - The 600th anniversary of the Jagiellonian University in Krakow. p. 122.
- Moskvysh, L. H., O. T. - A session devoted to the 150th anniversary of T. H. Shevchenko's birth. p. 147.
- Molodchykov, O. V., Petrusheko, I. V. - Celebration of the 400th anniversary of Russian book printing. p. 149.
- Lashenko, L. H. - A session of the Coordinating Council of the History of the International Workers' and National Liberation Movements. p. 150.
- Iatoshenko, A. D. - Ties between the Ukrainian and Polish historians of the party. p. 151.
- Dovhenko, V. I. - Archaeologists on the Danubian Slavs. p. 152.
- Makhiel, S. V. - First results of the work on the history of cities and villages in Sumy Province. p. 154.
- Likhovets'kiy, L. A. - When did historical science originate? p. 157.
- Vol. 9, no. 8, Aug. 1965.
- Table of contents translated:
- Zhuikov, I. E. M. - V. I. Lenin and the notion of "epoch" in world history. p. 3.
- Nechkina, M. V. - V. I. Lenin as historian of the revolutionary movement in Russia. p. 10.
- Sonyrlaga, M. I. - Aggravation of the military-political crisis in Germany during the last months of the Second World War. p. 21.
- Fomina, I. U. - The Ukrainian public and the uprising in Bosnia and Herzegovina, 1875-1876. p. 34.
- Kosolapov, V. V. - Some methodological questions concerning the modeling of the historical process. p. 44.
- Kylunov, A. F. - The nature of a historical fact. p. 52.
- Koval, M. V. - The role of socialist culture in the ideological mobilization of Ukrainian workers in the initial period of the Great Patriotic War. p. 50.
- Svytko, P. S., Komarnits'kiy, S. I. - The struggle against the Fascist occupants in Bukovina, 1941-1944. p. 60.
- Balko, I. U. - From the history of the party organization in the Ukraine, 1935-1936. p. 73.
- Sydorchuk, M. T. - Concerning the question of the number of Bolshevik organizations and groups in the Ukraine during the period of the First World War, July 1914-February 1917. p. 82.
- Concerning the preparation of a historical atlas of the Ukraine:
- Shovkoplyas, I. H. - A valuable suggestion. p. 85.
- Vyrayk, D. F. - Thorough representation of socio-economic history in the atlas. p. 86.
- Nauko, V. I. - Population maps. p. 97.
- Panbud'aska, V. F. - Participation of the workers of fraternal Soviet republics in building the Kiev Hydroelectric Power Station. p. 99.
- Aronov, M. V. - The struggle of the workers of Soviet Bukovina for the development of industry, 1940-1944. p. 103.
- Chernil, A. I. - Organization of state control in Bulgarian industry during the first years of the socialist revolution, September 1944-December 1947. p. 105.
- Horishna, L. L. - The collective farm peasantry in the Ukraine during the final period of the building of socialism, 1936-1941. p. 109.
- Meinychuk, P. U. - From the history of the struggle of the Volyn' workers against Polish interventionists and internal counterrevolutionaries (from the second half of 1919 to early 1920). p. 113.
- Rybalka, I. K. - Apropos of the development of the Soviet regime in the Ukraine in 1919. p. 117.
- P'liankov, O. P. - The social structure of the Antae p. 119.
- Vekster, S. I. - Development of the students' interest in the study of history. p. 122.
- Sazonov, I. V. - The tie between teaching and education in the lessons of modern history. p. 123.
- Khlont, I. O. - History of the settlement of the Bug Valley, the Bug Cossack army, 1769-1817. p. 126.
- Arambalyk, M. V., Zymogladov, F. R. - Thirtieth anniversary of the beginning of the Stakhanov movement. p. 129.
- Stuchev's'ka, S. I. A. - A hero of the revolutionary underground; the 70th anniversary of P. F. Slyzko's birth. p. 131.
- Odynkova, N. A. - Seventieth anniversary of O. V. Olyntsov's birth. p. 133.
- Hrabovets'kiy, V. V. - Oleksa Dovbush, a fighter against the oppression of the peasant masses in the West Ukrainian lands. p. 134.
- Moskvysh, L. H. - The All-Union Session "V. I. Lenin and historical science." p. 146.
- Bulych, I. L. - The Second Ukrainian Conference on Archival Studies and Other Special Historical Sciences. p. 149.
- Mel'nyk, S. K., Nekrasov, P. A. - An academic meeting dedicated to the 100th anniversary of the Odessa State University. p. 152.
- M. B. - First academic conference "Cybernetics and the methods of historical research. p. 153.
- Uliana Ivanivna Radnina; an obituary. p. 154.
- Lappo, D. D. - Looking at a photograph. p. 156.
- "Lvov chronicle," "Ostrog chronicle," commentaries. p. 157.
- VOENNO-ISTORICHESKII ZHURNAL [MILITARY HISTORY JOURNAL] Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.] Moscow, vol. 7, no. 3, Mar. 1965
- Table of contents translated:
- Sokolovskii, V. - Cherednichenka, M. - Some problems of Soviet military building in the postwar period. p. 3.
- Samsonov, A. - For a profound study of the history of the Great Patriotic War. p. 17.
- Triluts, V. - The Red Banner Baltic Fleet in the concluding stage of the Great Patriotic War. p. 25.
- Brukhanov, A. - Heroic struggle of Soviet partisans in the years of the Great Patriotic War. p. 36.
- Isselson, G. - Development of the theory of Soviet operational art in the thirties. p. 48.
- Baitinov, D., Nekhenov, G. - Destruction of "wandering" enemy dispositions. p. 62.
- Antipenko, N. - From the Vistula to the Oder. p. 60.
- Kozlovnikov, I. - In the direction of Krakow. p. 81.
- Dirlukov, N. - On the approaches to Budapest. p. 87.
- Aggressive plans of the German imperialists. p. 95.
- Dalukov, S. - Problems of the development of Soviet military art by the experience of the White Russian operation. p. 109.
- Vorob'ev, F. - Forms of work of military science societies. p. 113.
- Small means of combat in war on the sea. p. 110.
- Gobovenko, I. - Decorations of the motherland. p. 122.
- Ladukhin, V. - P. K. Shternberg. p. 124.
- Viktorov, I. - G. I. Blagodarov. p. 127.
- Vol. 7, no. 6, June 1965.
- Table of contents translated.
- Gudalin, I. - Subjective factor and chances in war. p. 3.
- Zhuikov, G. - In the direction of Berlin. p. 12.
- Svetlitskiy, N. - Use of the Air Defense Forces of the country in the third period of the Great Patriotic War. p. 23.
- Nechayev, G. - Participation of Soviet citizens in the resistance movement in France in the years of the Second World War. p. 37.
- Strizhkov, I. U. - Battles for Pzomysl (June 22-27, 1941). p. 51.
- Zhotov, I. - In the enemy's rear in the environs of Vyaz'ma. p. 57.
- Kuznetsov, N. - Navy Flag Officer 1st Rank V. M. Orlov. p. 65.
- Halub, P. - Glorious page of international solidarity. p. 93.
- Voronov, G. - and others - Discussion of the book "Battle for Leningrad." p. 100.
- Books on the history of wars and military art. p. 106.
- News, facts, findings. p. 113.
- Derenkovskii, G. - Revolt on the armored cruiser "Potemkin." p. 118.
- Liakhov, V. - Penetration of the Russian front in 1915. p. 122.
- Svitskiy, L. - Commander of the Karelian front Colonel General V. A. Frolov. p. 126.
- VOPROSY ISTORI [PROBLEMS OF HISTORY] Issued by Otdelenie istorii Akademii nauk SSSR and Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya SSSR [Department of History of the Academy of Sciences of the U.S.S.R. and the Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol. 40, no. 10, Oct. 1965
- Table of contents translated
- Nechkina, M. V. - V. I. Lenin as historian of the revolutionary movement in Russia. p. 3.
- Zagladin, V. V., Cherniaev, A. S. - The Second World War and present times. p. 14.
- Sentavskii, S. L., Khilovskiy, M. I. - The industrial labor force in the U.S.S.R. from 1944 to 1955. p. 29.
- TSybul'skii, V. A. - The taxation policy in the countryside during the early years of the NEP. p. 46.
- Gukovskii, A. I. - Some terms used in the auxiliary historical disciplines. p. 60.
- Galkin, I. S., Kolpakov, A. D. - Basic problems of the historiography of modern times. p. 67.
- Biaginskii, M. I. - British colonies in Eastern Africa during the years of the Second World War. p. 80.
- Amori, Cestini. - Nazi documents found at the bottom of the Black Lake. p. 99.
- Meisetsky, K. A. - Along the battle roads (to be continued). p. 107.
- Grossman, A. S. - "Hitler's testament" and the contemporary successors of the "Führer" (conclusion). p. 119.
- Pushkarov, L. N. - New achievements in the Soviet source research. p. 141.
- Samolov, A. S. - Feudal colonization in the interpretation of Soviet historians. p. 144.
- Lavrovskii, V. M. - Large-scale capitalist estates in England from the 17th to the 20th century. p. 165.
- Kobrin, V. B. - Kurbskii's "History of the Great Duke of Moscow" in two foreign editions. p. 171.
- Iakovlev, N. N. - I. M. Maitskii's works and the British bourgeois critics. p. 190.
- L'vov, G. D. - Defeat of the anti-Soviet "National Center" in 1919. p. 205.
- Stuchevskii, I. A. - Cleopatra. p. 210.
5. SOCIAL SCIENCES
- a. COMMERCE
- BIULETEN' INOSTRANNOI KOMMERCHESKOI INFORMATSII, prilozhenie [BULLETIN OF FOREIGN COMMERCIAL INFORMATION, Supplement] Issued by Nauchno-issledovatel'skii kon'funktornykh institut [Scientific Research Institute of Economic Trends]. Moscow, no. 11, Aug. 1965.
- Contents: Bandura, I. U. N. [Export of complete equipment units from Japan] Eksport kompletnogo oborudovaniya iz Yaponii. 39 p.
- No. 10, Sep. 1965.
- Contents: Vasil'eva, E. V. [The European Economic Community and the grain market] Evropeiskoe ekonomicheskoe soobshchestvo i rynek zernovykh. 43 p.
- No. 17, Nov. 1965.
- Contents: Rogov, V. V. [Economic development and structural movements in the foreign trade of Chile, 1946-1964] Ekonomicheskoe razvitiye i strukturnyye sdvigi vo vneshnei torgovle Chili. 87 p.
- No. 18, Nov. 1965.
- Contents: Kostolevskii, M. M. [The hardboard market] Rynek drevesnykh plit. 60 p.
- No. 19, Nov. 1965.
- Contents: Lvovskaya, L. I. [Competitive struggle of chemical monopolies on the European Economic Community market] Konkurentnaya bor'ba khimicheskikh monopolii na rynke EES. 85 p.
- BUKHGALTERSKII UCHET [ACCOUNTING]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 22, no. 9, Sep. 1965.
- Table of contents translated:
- Pisarev, A. - Development of the mechanization and automation of accounting. p. 3.
- Slukhal, T. - Centralization of the accounting for carrying out the estimates of financial organs. p. 11.
- Iashan, A. - Centralized accounting offices in petroleum-supply organs. p. 15.
- Kasperovich, B. - Centralization of accounting in the communal housing and services of White Russia. p. 17.

- Baikhya, N. - Daily accounting control. p. 18.
 Shein, P. - Analysis of stocks of materials in industry p. 20.
 Aksemenko, A. - Organization of operational analysis. p. 26.
 Mito, B. - Method for determining profit. p. 30.
 Borodilin, A. - Accounting for the tools of one's own production. p. 34.
 Stadnik, A. - Accounting for production costs in tool-manufacturing shops. p. 37.
 Kolesnik, N. - Machine accounting in the wholesale enterprises. p. 41.
 Shvabbe, A. - Use of requisition cards in procurement organizations. p. 43.
 Chernets, A. - Results of the reorganization of intradepartmental control. p. 45.
 Kurziner, L. - Bring order to the keeping of instruction materials. p. 47.
 Melamed, A. - Centralizing wage computation. p. 53.
 Sokolov, I. A. - Original documents are the basis of accounting. p. 54.
 Suggestions of our readers. p. 56.
 Review of newspapers. p. 62.
 In the Ministry of Finance of the U.S.S.R. p. 77.
 School of progressive practice in accounting and analysis. p. 77.

KOOPERATOR KAZAKHSTANA [THE COOPERATIVE WORKER OF KAZAKHSTAN]. Issued by *Soyuz potrebiteľskikh obshchestv Kazakhskoi SSR* [Association of Consumer Societies of the Kazakh S.S.R.]. Alma-Ata, vol. 8, no. 8, Aug. 1965.

NOVYE TOVARY, informatsionnyi biulleten' [NEW CONSUMER GOODS, Information Bulletin]. Moscow, nos. 10-11, 1965.

SOVETSKAIA POIREBITEL'SKAIA KOOPERATSIIA [SOVIET CONSUMER COOPERATION]. Issued by *Tsentral'nyi soyuz potrebiteľskikh obshchestv SSSR* [Central Union of Consumers' Societies of the U.S.S.R.]. Moscow, vol. 9, no. 10, 1965.

- Table of contents translated.
 Let's bring the seven-year plan to a successful close. p. 2.
 Mukhomorov, V. - Trend toward direct contact. p. 6.
 New look of rural stores. p. 9.
 Lykov, P. - Transportation offices instead of small motorpools. p. 10.
 Nikitin, B. - Work with people is a guaranty of success. p. 12.
 Pykhunov, G. - Specialization of automotive transportation. p. 14.
 Galitskaia, G. - Contribution of the members of cooperative societies to the urban population. p. 16.
 Klimchuk, A. - Skillful work with containers. p. 17.
 Eremin, V. - They need handbooks on reconstruction. p. 19.
 Klimtsov, I. - Beauty of a collective farmhouse. p. 19.
 Statikova, N., Mikhailova, V. - Coffeehouse for youth. p. 20.
 Malorova, E., Genshaft, V. - Let's put the production of national baked products on an industrial basis. p. 21.
 Gilarin, P. - Everyday life of a cooperative animal farm. p. 23.
 Kolzev, A. - Training store for every district. p. 24.
 Lisovoi, L. - Universities of commerce. p. 26.
 Rostrova, I. - A woman with inexhaustive initiative. p. 29.
 Bellakov, A., Shvili, V. - Tasks of a marketing research service. p. 35.
 Zait, M. - Machine accounting of merchandise and settlement with customers. p. 38.
 Petrakovskii, V. - Publishers and booksellers. p. 43.
 Zgonik, L., Maryshev, K. - Let's improve the quality of plastic products. p. 45.
 Shvachkov, G. - Commerce does not tolerate indifference. p. 46.
 Islanov, V. - Training of inspectors needs improvement. p. 47.
 Okuneva, N. - Fall and winter fashions. p. 48.
 Kravtsova, A. - Sale of dishes and housewares. p. 49.
 Cooperative societies during the development of socialism. p. 55.
 Gupta, R.N. - Cooperative societies in India. p. 58.
 Members of the Mali cooperative societies about their visit to the Soviet Union. p. 60.
 New equipment for the public food service. p. 60.
 Levitskii, M. - Management of shares. p. 61.

SOVETSKAIA TORGOVIA [SOVIET COMMERCE]. Issued by *Gosudarstvennyi komitet Soveta Ministrov SSSR po trgovle* [State Committee of the Council of Ministers of the U.S.S.R. for Commerce]. Moscow, vol. 39, no. 10, Oct. 1965.

- Table of contents translated.
 Editorial. Use all potentialities. p. 1.
 Machnev, I. - Turnover of merchandise, profit, and the efficient use of funds. p. 4.
 Lupel, N., Sazonov, V. - Profit and incentives. p. 8.
 Kiochko, A. - The efficiency of fairs could have been greater. p. 10.

- Gimmel'farb, A. - Complexes of industrial and trade enterprises. p. 15.
 Ridin, O. - The wholesale sugar trade. p. 19.
 Koval', L. - Reasons for labor turnover. p. 22.
 Ramanauskas, R. - Cheese packaging in plastic films. p. 26.
 Maryshev, K., and others - Standards of quality for fabrics. p. 28.
 Baklanov, M. - Profitability in the retail trade. p. 20.
 Nalmanov, B. - The "Marina" store. p. 35.
 Gamza, B. - Role of credit in construction. p. 38.
 Ermlina, L. - Remarks about the Polish exhibition. p. 40.
 Kuzlakin, V. - Department stores of Japan. p. 12.
 Chepelov, V., Shul'man, I. - Determining the level of the mechanization of time-consuming work in a store. p. 47.
 Liberman, I. - "Sputnik" for conveying money and sales checks. p. 51.
 Arkhipova, A., Iablochnikova, T. - Attractive and inexpensive. p. 53.
 Gitterman, F. - The salesperson should be familiar with the art of decoration. p. 55.
 Kozlov, A. - Equipping and arranging show windows. p. 57.

TORGOVIA ZA RUBEZHOM [TRADE ABROAD]. Organ of *Gosudarstvennyi komitet Soveta Ministrov SSSR po trgovle* [State Committee of the Council of Ministers of the U.S.S.R. for Trade]. Moscow, no. 10, Oct. 1965.

VNESHNIAIA TORGOVIA [FOREIGN TRADE]. Organ of *Ministerstvo vnesnoi i gosvli SSSR* [Ministry of Foreign Commerce of the U.S.S.R.]. Moscow, vol. 45, no. 10, 1965.

- Table of contents translated.
 Karavaev, E. - Trade and economic cooperation of the U.S.S.R. and the Democratic Republic of Vietnam. p. 3.
 Selte, Horst - Democratic Republic of Germany on the world market. p. 7.
 Kutuzov, V. - Long-term agreements in international trade. p. 12.
 Rostotskii, V. - Prospects for the production and exportation of construction and road equipment. p. 17.
 Nikolaev, D. - Quality and deliveries on time are the main thing. p. 20.
 Doronkov, B. - Foreign specialists study in the U.S.S.R. p. 21.
 Br'kov, I. U. - Cartel agreements of monopolies on the computer market. p. 24.
 Popov, V. - What did Greece get out of joining the "Common Market"? p. 30.
 Zmeev, A. - Forms and methods of the promotion of export, from practice in the capitalist trade in rolling stock. p. 33.
 Lind, A., Samoshin, A. - Mechanization of engineering and managerial work. p. 40.
 Ryzhov, I. - Show of Soviet Far Eastern goods in the coastal cities of Japan. p. 41.
 Vladimirov, A. - Struggle of American and West European monopoly interests. p. 44.
 Tatishcheva, N. - Problems of foreign trade in the new civil legislation. p. 47.

ZAKUPKI SEL'SKOKHOZIAISTVENNYKH PRODUKTOV [PURCHASES OF AGRICULTURAL PRODUCTS]. Issued by *Gosudarstvennyi komitet zagotovok Soveta Ministrov SSSR* [State Committee of Procurements of the Council of Ministers of the U.S.S.R.]. Moscow, no. 8, May 1965.

- Table of contents translated.
 Put the decisions of the party into practice. p. 1.
 Koriukin, I. - State deliveries of meat need improvement. p. 4.
 Prokopenko, S. - On the consolidation of state procurement enterprises in Tajikistan. p. 6.
 Belous, M. - Topical problems of state deliveries of vegetables and potatoes. p. 8.
 Villeins, I. - Products should be marketed closer to the procurement center. p. 10.
 Denisenko, G. - Needs of the fattening state farms in the Kuban. p. 12.
 Nikitin, A. - Bonuses and suspension supplements for the high quality of milk. p. 15.
 Rodova, L. - Fur production goes on in an organized manner. p. 50.
 Pletnev, P. - What the milk receiving system should be like? p. 51.
 "Give more attention to game breeding!" p. 52.
 Meshakin, S. - Wages for workers of grain receiving stations. p. 54.
 State delivery news. p. 56.
 Pruglo, T. - The end of Nemolnikova's career. p. 58.
 Vinnik, K. - Purchasing agents are on the screen. p. 59.
 Panak, L. - State deliveries of agricultural products by the Hungarian cooperatives. p. 60.
 Budagovskii, V. - Meat and meat products in Man's nutrition. p. 63.

- Ovchinnikov, V., Minko, G. - They work indefatigably. p. 39.
 Rasovskii, R. - This milk plant is well known in the district. p. 41.
 Greyshev, E. - Here they train purchasing agents. p. 42.
 Vitovetskii, M. - "The tight-freak men" of the seven-year plan. p. 44.
 Suslov, A. - Arbitrage season. p. 45.
 Paschenko, I. A. - Milk and the "regulated" cows. p. 46.
 Kuzin, I. - Favorable possibilities and lamentable results. p. 47.
 Shumskii, N. - The collective farm will sell more milk to the government. p. 48.
 Klaphitova, M. - Don't forget about quality! p. 49.
 Volkova, L., Shchukhina, T., Razumikhina, A. - State deliveries of poultry products in Leningrad. p. 16.
 Mikhalev, P. - Don't repeat past mistakes! p. 19.
 Morozov, I. U. - Build wool-washing plants in sheep-raising districts. p. 21.
 Borisenko, V., Zhelezakova, O. - There is something to learn from this farm. p. 23.
 Dunaev, L. - Costs became smaller. p. 26.
 Mokhantsev, A. - Deserved success. p. 27.
 Tetulin, V. - Let cooperative trade handle the surplus products. p. 20.
 A clean container means good milk. p. 30.
 Businesslike approach results in big income. p. 31.
 Bolshchevskii, I. - Talkative in procurement. p. 32.
 Gudilin, A., Molchuk, B. - Reconstruction of continuous continuous linen into multi-purpose cases. p. 35.

B ECONOMICS

EKONOMIKA I MATEMATICHESKIE METODY [ECONOMICS AND MATHEMATICAL METHODS]. Issued by *Akademii nauk SSSR* [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, no. 3, May-June 1965.

- Table of contents translated.
 Fedotenko, N. P. - Working out scientific methods for the administration of the national economy. p. 13.
 Khoruzhii, I. A. - The model and problems of the theory of the amortization fund. p. 328.
 Smirnov, A. D. - Dynamic interbranch model and planned calculations. p. 345.
 Stone, Richard. - Modeling of economic systems. p. 363.
 Tulin, I. U. N. - Mathematical formulation of a simplified model of production planning. p. 391.
 Gol'shtein, F. G. - Dual tasks of convex programming. p. 410.
 Korbut, A. A., Malinikov, V. V. - Approximate solution of some heterogeneous models of distribution. p. 425.
 Finkel'shtein, B. V. - Generalization of the parametric problem of linear programming. p. 412.
 Zadykhailo, I. B. - Effective algorithm for determining critical paths in an oriented graph without boundaries. p. 461.
 Cherniak, I. U. - Electronics and automatic control in the economic administration of the U.S.A.; a survey of trends, methods, and techniques. p. 465.
 L. V. Kantorovich, V. S. Nemchinov, V. V. Novozhilov, the Lenin Prize laureates of 1965. p. 463.
 Gurevich, F. G. - Academic seminars are a school for acquiring economic and mathematical knowledge. p. 463.
 Vainshtein, A. P., Blahushkin, T. V. - Corrado Gini, 1884-1965, obituary. p. 478.

EKONOMIKA I ZHIZN' [ECONOMICS AND LIFE]. Issued by *Gosudarstvennaya planovaya komissia* and *Soviet narodnogo khozaistva Uzbekskoi SSR* [State Planning Committee and the Economic Council of the Uzbek S.S.R.]. Tashkent, vol. 7, no. 7, July 1965.

- Table of contents translated.
 For the Soviet man. p. 3.
 Editorial. Acceleration of technological progress is a nationwide task. p. 4.
 Kuznetsov, V. - Among the Alimiyk innovators. p. 7.
 Babkov, I. - Vital problems of the chemization of agriculture. p. 8.
 Mangel'din, D. - Ways of developing the transportation of the Republic. p. 12.
 Kulichenkov, P., Dolzhanov, M. - Specialization of industry and its economic efficiency. p. 16.
 Kalugin, A. - Fight every day for the fulfillment of the plan and the carrying out of pledges. p. 23.
 A changed region. p. 26.
 Umarov, Kh. - Fergana in building scaffolds. p. 27.
 Bezrukov, B. - Creator of steel spherical tanks. p. 29.
 Rkin, D. - A mine and its problems. p. 32.
 Kazimov, V. - Economic work is the main thing. p. 35.
 Verba, V. - On the path toward mastering of planned production capacity. p. 37.
 Irgashev, K. - Reconstruction... of a new plant. p. 40.
 Zaraf'ntina, N. - For the good name of the plant. p. 42.
 Abdullaev, S. - Good start. p. 42.

- Belyi, N. - First results. p. 45.
 "Na ogonek" p. 49.
 Komarovskii, A. - A business diary. p. 65.
 Akhmetov, I. - Put the construction of cotton-ginning plants under unremitting control. p. 71.
 Talibov, G. - Paths toward knowledge. p. 75.
 Umarov, O., Salimov, Z., Idsupbekov, N. - Into the abyss of outer space and the depths of centuries. p. 78.
 Abramov, I. - Calculations and miscalculations. p. 81.
 Grimalto, A. - Tobacco is a profitable culture. p. 82.
 Aver'ianov, B. - Listening to the customer's voice. p. 84.
 A new style of coat begins a new life. p. 88.
 Altynbaev, R. - On daily bread. p. 90.

EKONOMIKA RADIANS'KOI UKRAINY [ECONOMICS OF THE SOVIET UKRAINE] Issued by Institut ekonomiki Akademii nauk USSR [Institute of Economics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 8, no. 5, May 1965.

- Table of contents translated
 Editorial Satisfy every day needs of the population better. p. 3.
 Koval, O. - Urgent work program. p. 9.
 Panchenko, M., Hosh, O. - Development according to the plan is a constant, conscientious adherence to proportionality. p. 10.
 Torashchenko, I. - On the categories of necessary and surplus product under socialism. p. 20.
 Honcharuk, V., Lur'ke, D., Troianovskiy, V. - Potentialities of founding production. p. 28.
 Bezpal'ko, T. - Give attention to the new iron ore deposits. p. 34.
 Hrynenko, IU., Koubliak, S. - Additional means for increasing cement production. p. 37.
 Ratushnyi, IU. - Increase the production of strong varieties of wheat in the Ukraine. p. 42.
 Poplavskiy, V. - Important factor in the intensification of agriculture. p. 48.
 Babitskiy, I. - Progressive movement. p. 52.
 Mel'nychenko, IA. - Current task. p. 54.
 Iulien, L. - Consider economic advantages. p. 55.
 Nienchayrov, P. - Calculating the turnover of the working capital of agricultural enterprises. p. 57.
 Huberna, H. - There is a need for group forms of material incentives. p. 62.
 Derman, IE., Kuznetsov, M. - Work as the "Zaporozhskiy" steelworkers do. p. 66.
 Korshunova, L. - Principal means and forms of improving the workers' cultural and technical level. p. 70.
 Kovulenko, H. - We are mastering the progressive technique of growing corn. p. 75.
 Investigators suggest: like cars! p. 78.
 Bulash, M. - On the path of economic improvement. p. 82.
 Klymko, Nat. - The economy of the People's Cuba is getting stronger. p. 87.
 Buhalenko, N. - In the Ukrainian National Economic Council. p. 92.

EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION] Issued by Gosudarstvennyi komitet po delam stroitel'stva SSSR [State Committee for Construction of the U.S.S.R.]. Moscow, no. 9, Sep 1965

- Table of contents translated
 Apply the achievements of chemistry in mass construction practice. p. 1.
 Atkesova, R., and others. - Economic efficiency of using polymers. p. 7.
 Zaitsev, A. - This is why we need plastics. p. 12.
 Naumov, M. - Exhibit of the All-Union Institute for Building Materials Research. p. 16.
 Yakovlev, L. - This will be shown at the exhibition. p. 19.
 Manuils, I. - Achievements of the Lithuanian builders. p. 22.
 Nefedov, S. - Rural construction at the new stage. p. 26.
 Kondrashov, A., Ovov, I., Rubinshteyn, S. - A system of making up a complete set of supplies needed for construction projects, and the network schedule. p. 30.
 Podgilyatenko, G. - Strengthen payment discipline in construction. p. 36.
 Profitability of the construction industry. p. 38.
 Zarombka, B. - Economic principles of the experiment. p. 42.
 Zaitsev, V., Shapochkin, D., Kopolevich, V. - Is it efficient to use the index of the standard cost of production? p. 45.
 Kleyvskiy, V. - There is a need for rules and norms for economic justification. p. 50.
 Reimlin, S. - Price determination in construction and ways to improve it. p. 53.
 Kask, K. - Economic justification of urban development solutions. p. 59.
 Replies to our readers' questions. p. 63.
 Lundén, E. - What work should be performed by the planners in administrative offices. p. 68.
 Kue'kin, P. - Simplify the computation of winter coefficients. p. 69.

No. 10, Oct. 1965.

- Table of contents translated
 Editorial: Semenov, L. - New rule of financing construction. p. 1.
 Teresh, G. - Specialization and distribution of the production of precast reinforced concrete. p. 10.
 Chernavskiy, L. - Set the supplying of materials and equipment in order. p. 17.
 Akimova, I. - Important experiment. p. 19.
 Radzimonvili, G. - Accounting is an important factor in the struggle against waste. p. 21.
 Vovchenko, N. - Put the productive capacity in operation faster. p. 24.
 Alekseev, M. - Calculating an optimal plan for the distribution of the production of wall materials. p. 27.
 Brumman, IU. - How to evaluate the use of capital assets? p. 30.
 Telnovskiy, A. - Why the level of capital yield is so low. p. 35.
 Zaitkin, V., Naumov, M., Ustin, A. - What is new in operation and production planning. p. 38.
 Voloshin, S., Tiabchenko, I. - The dispatching service of a trust. p. 41.
 Pedder, A., Vlasovskiy, V. - The economic council of an administration. p. 44.
 Peiselman, B. - Calculating everywhere and in everything. p. 47.
 Vainakhin, B. - Is it necessary to pay for capital assets in construction? p. 51.
 Malbun, E. - Mathematical programming for the organization of construction production. p. 54.
 Kozlov, V., Solov'ev, S. - Exchange of scientific achievements and progressive practice. p. 59.
 Readers' conference in Penza. p. 72.

LIAUDIES UKIS [THE NATIONAL ECONOMY] Issued by Lietuvos TSR Valstybine planu komisija [State Planning Commission of the Lithuanian S.S.R.] and others. Vilnius, no. 11(85), Nov 1965. [In Lithuanian]

MIROVAIA EKONOMIKA I MEZHIDUNARODNYE OTNOSHENiya [WORLD ECONOMICS AND INTERNATIONAL RELATIONS] Issued by Institut mirovoi ekonomiki i mezhdunarodnykh otnosheniy Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, 1965.

- Table of contents translated:
 Melnikov, D. - A new era in international relations. p. 3.
 Ladygin, B., Turekhov, V. - The Mutual Economic Assistance Council: the international specialization and cooperation of production. p. 14.
 Western Europe and modern capitalism. p. 27.
 Borko, IU. - The labor class of developed capitalist countries. p. 41.
 Potemkin, IU. - Current problems of the social and economic development of liberated countries. p. 50.
 Ol'sevich, IU. - Problems of the reproduction of the means of production in the developing countries and the crisis of the structure of world capitalist economy. p. 73.
 Mother countries without colonies. p. 88.
 Shumeev, V. - State property in the U.S.A. and some problems of the anti-monopoly struggle. p. 96.
 Land, V. - War escalation is the escalation of madness. p. 107.
 Abilna, E. - Bechuanaland on the path toward independence. p. 112.
 Lushnikov, I. - Shadow of the dollar over the airplane industry of Great Britain. p. 114.
 Krasnykh, L. - The investment policy of France. p. 117.
 Laytshchik, I. - Control of Japanese monopolies over mass propaganda media. p. 120.
 Brief news. p. 123.
 Ramirez, Reinaldo, Chiglit, N. - New trends in the Colombian church. p. 126.
 Shugayeva, A. - International organizations of socialists. p. 129.
 Gusev, IU. - Fate of the Congolese portfolio. p. 133.
 Rosenberg, Werner. - International academic colloquium devoted to the 20th anniversary of the Potsdam agreements. p. 137.
 Sharov, A. - Trend in American economic research. p. 140.
 Borko, IU. - Trade unions and the strike movement in economically developed capitalist countries. p. 160.

MOSCOW, UNIVERSITET. Vestnik Seriya 8: Ekonomika, Moskovskiy UNIVERSITET Y. Review. Series 8: Economics, Philosophy]. Vol. 20, no. 5, Sep.-Oct 1965.

- Table of contents translated:
 Smirnov, N.N. - Economic law of the preferential growth of the production of the means of production. p. 3.
 Lubimov, IU. I. - Economic nature and turnover of working capital. p. 14.
 Vasil'eva, T.I. - Complex organization of labor and the group wage system. p. 26.

- Shchepanov, I.A. - Lomonosov and Russian philosophy, on the 200th anniversary of Lomonosov's death. p. 33.
 Pometantsy, B.V. - The manifestation of the general pattern of socialist construction under conditions of the third stage of the general crisis of capitalism and some distinctive characteristics in individual cases. p. 46.
 Shuyalov, B.A. - The development of socialist consciousness of workers under conditions of the large-scale building of communism. p. 55.
 Koneev, P.V. - Social and theoretical studies of philosophical anthropology. p. 65.
 Bol'shakova, I.L. - Lomonosov lectures in the economics department of the natural sciences faculties of the Moscow University. p. 75.
 Kozlov, I.A. - Lomonosov lectures at the philosophical faculty. p. 83.

NARODNOE KHOZIAISTVO ARMENII [THE NATIONAL ECONOMY OF ARMENIA] Issued by Gosplan Armenianskoi SSR and Institut ekonomiki Akademii nauk Armenianskoi SSR [State Planning Committee of the Armenian S.S.R. and the Institute of Economics of the Academy of Sciences of the Armenian S.S.R.]. Erevan, no. 11, 1965. [In Armenian]

NARODNOE KHOZIAISTVO KAZAKHSTANA [THE NATIONAL ECONOMY OF KAZAKHISTAN] Issued by Gosplan Kazakhskoi SSR [State Planning Commission of the Kazakh S.S.R.]. Alma-Ata, vol. 23, no. 10, Oct. 1965.

Table of contents translated:
 On the convocation of the regular 23d Congress of the CPSU Decees of the Plenum of the Central Committee of the CPSU adopted on September 29, 1965 p. 3.

On the Improvement of Industrial management, improvement of planning, and intensification of the economic stimulation of industrial production. Decree of the Plenum of the Central Committee of the CPSU adopted on September 29, 1965. p. 4.

- Plataev, A. - A businesslike attitude and responsibility. p. 7.
 Nivin, A. - Rapid mining and its effect. p. 12.
 Shimi, P. - Efficiency of capital investments and optimal capacity. p. 19.
 Ponomarev, V., Silant'ev, A. - We are building structures on reinforced concrete piles. p. 24.
 Bondz', A. - There is a great confusion in using mechanized light equipment. p. 28.
 Kolesnik, B. - Heating of heat materials without special equipment. p. 31.
 Strel'nikova, V. - "Soil silicates" are an efficient and low-cost material. p. 33.
 Ashimbaev, T. - Capital assets and the efficiency of production. p. 35.
 Deim, F. - Comparing the indices of similar enterprises. p. 41.
 Rubin, P., Meglin, N. - The standard method and machine accounting. p. 46.
 Mashukov, V. - Potentialities and labor productivity. p. 48.
 Nikifor, Sh. - Improve the price system and practice in price determination. p. 52.
 Aydeev, F. - Price and business accounting. p. 55.
 Ol'khovskiy, A. - Quality is the fold. p. 58.
 Akmurezaev, K., Dzhankeyev, S. - From unprofitable to profitable ones. p. 60.
 Litinov, S. - Reliable reserve of the working class. p. 63.
 Kuznetsov, N., Dyoskin, B. - Council for the study of the productive forces of the country. p. 68.
 Mallar, I. - Living blood of the earth. p. 70.
 Kudilashov, N. - Fulfilling of obligations to the budget is the law. p. 73.

PLANOVOE KHOZIAISTVO [PLANNED ECONOMY].

Issued by Gosplan SSSR and SNKh SSSR [State Planning Committee of the U.S.S.R. and the Economic Council of the U.S.S.R.]. Moscow, vol. 43, no. 11, Nov 1965.

- Table of contents translated:
 Bachurin, A. - Improving planning and commodity and monetary relations. p. 1.
 Neporozhnyi, P. - New economic forms of the organization of the construction of electric power stations. p. 10.
 Etmekdzhiyan, A. - Current problems of planning for capital construction. p. 16.
 Ivanov, N. - Use of the interbranch balance in planning. p. 21.
 Vafner, I. - Important condition for further development of the petroleum production industry. p. 31.
 Probst, A. - Determining the economic effect of foreign trade. p. 38.
 Gramoteeva, L., Kalashnikova, I. - Development of the petrochemical complexes of Transcaucasia. p. 44.
 Klemyshev, P. - Evaluation of the efficiency of chemization. p. 50.
 Fel'd, S. - Planning for the most important branch and territorial proportions of national reproduction. p. 56.

- Barvinski, A., Gorizontov, B. - Ways of reducing transportation expenditures in the system of international socialist division of labor, p. 67.
- Malkov, A. - Specialization in interbranch industrial activity, p. 72.
- Chakava, L. - Efficiency of territorial specialization, p. 74.
- Budanova, M. - Accounting for the efficiency of expenditures for reconstruction, p. 75.
- Balakin, V. - Analysis of the use of equipment in the construction of the means of transportation, p. 77.
- Gusev, I. U., Romonov, V. - Introducing the economically profitable into production, p. 79.
- Vitin, A. - Accounting for joint capital investments in fixed assets, p. 80.
- Beider, P. - Important condition for the development of pipeline transportation, p. 84.
- Kuznetsov, T., Gadyano, N. - Readers' conference in White Russia, p. 93.

REFERATIVNYI SPBNIK EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS ECONOMICS OF INDUSTRY] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos 10-11, Oct.-Nov. 1965

VESTNIK STATISTIKI [STATISTICAL REVIEW] Organ of Tsentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U.S.S.R.] Moscow, no 10, 1965

- Table of contents translated
- A sure path toward a vigorous upsurge in the Soviet economy, p. 3.
- Krakovskii, A. - Important potential for increasing production, some results of the survey of the use of equipment, p. 11.
- Buzan', A. - Economic principles of determining the operational life of capital assets, p. 18.
- Bishayev, M., Kuznetsova, M., Lukin, V. - Accounting for the production in the "Bol'shevichka" Combine, p. 29.
- Edelman, I. A. - Statistical method of studying consumer's demand, p. 34.
- Soficv, E. - Gross income of a collective farm in determining its work results, p. 40.
- Kaznits, L. - How to use correctly various forms of the average in economic calculations, p. 46.
- Bykova, V. - Accounting for the number and composition of specialists with higher and secondary special education, p. 55.
- Zel'iser, P. - On the regular census of uninstalled equipment as of January 1, 1966, p. 58.
- Kashirenkova, V. - Machine accounting for materials and equipment on collective and state farms, p. 63.
- Klimov, A. - Supply statistical organs with the accountant-instructors, p. 68.
- Lif, Sh. - On some debatable issues in B. Ts. Uralnits' work on "The dynamics and structure of population in the U.S.S.R. and the U.S.A.," p. 68.
- Evdokimenko, I. - In the Statistical Section of the Moscow House of Scholars, p. 84.
- D. V. - Conference of the Permanent Working Group on the Mechanization of Accounting and Statistics of Permanent Committee on Statistics of the COMECON, p. 87.
- Use of workers' calendar working time and the composition of the wage fund in industry, p. 89.
- Achievements of the national economy of the Democratic Republic of Vietnam, p. 91.

VOPROSY EKONOMIKI [PROBLEMS OF ECONOMICS] Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U.S.S.R.] Moscow, no 6, June 1965

- Table of contents translated:
- Matskevich, V. - Economic problems of the further development of agriculture, p. 3.
- Berlin, M. - On the economics of rural construction, p. 14.
- Manevich, E. - Universal labor and problems of the efficient utilization of the labor force in the U.S.S.R., p. 23.
- Agodkin, V., Maslova, I. - On the problem of the utilization of the labor force released in connection with technological progress, p. 31.
- Malyshev, P. - Proportion between productive and nonproductive accumulation, p. 40.
- Bunich, P., Mokeeva, L. - Strengthening of business accounting in an industrial enterprise, p. 51.
- Malyshev, I. - On the standard cost of manufacturing, p. 64.
- Smirnov, N. - Some problems in developing credit and strengthening the control through the ruble, p. 77.
- Shagolov, G. - Economic efficiency of the foreign trade of socialist countries, p. 89.
- Khavina, S. - Bourgeois views on the nature and role of profit in the socialist economy, p. 100.
- Determining the economic efficiency of capital investments and new equipment, p. 118.
- Men'shikova, M. - Role of credit in the development of agriculture in the U.S.A., p. 138.

- Khodzhbekian, V. - In the Institute of Economics of the Academy of Sciences of the Armenian S.S.R., p. 149.
- Lagutln, N. - Problems of economic development and the methodology of planning, p. 151.
- Sheberakov, A. - Organization and the economic efficiency of scientific labor, p. 154.
- Filippov, M., Ovechinnikov, G. - Creative cooperation of the Leningrad economists and production workers, p. 156.
- Petrovskii, K. - Scientific and technical conference on the problems of improving the utilization of productive capacity, p. 158.

e FINANCE

FINANSY SSSR [FINANCE OF THE U.S.S.R.] Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.] Moscow, vol. 39, no 10, Oct. 1965

- Table of contents translated:
- Editorial Important economic reform, p. 3.
- Raskin, A., Odess, V. - Problems of strengthening business accounting in supply and sale organizations, p. 8.
- Kopilaev, V., Shevtsov, V. - First results, p. 14.
- Rasov, V. - Improve the financing of social and cultural measures, p. 18.
- Paulushkin, V. - International Bank for Economic Collaboration, p. 22.
- Vinokur, R. - Finances and incentives for the growth of labor productivity, p. 25.
- TSimmerman, L. - Assortment changes and planning for profit, p. 40.
- Plokhov, A. - Review of norms yields good results, p. 46.
- Gofman, L. - Mechanization of management aids the growth of production, p. 50.
- Buyr, S. - Increase the control over efficiency-promotion suggestions, p. 62.
- Podshivalenko, P. - Important means for improving construction, p. 54.
- Ben'lamin-Zade, A., Trishkin, G. - Machine shifts and the use of construction equipment, p. 65.
- Bevza, A. - Centralize and mechanize accounting more widely, p. 70.
- Korolev, A. - Big economic effect, p. 72.
- Juina, V., Melkunas, V. - Organize better the work performed by volunteers, p. 73.
- Presman, Sh. - Several remarks on personnel matters, p. 75.
- Pancheva, N. - Financial worker and the local newspaper, a survey of the press, p. 76.
- Korsunov, V. - Influence of changes in the grade of production on financial results, p. 82.
- Chumakov, M. - Financial contradictions of the "Common Market," p. 86.
- Information on financial and economic problems, p. 94.

d LABOR

OKHRANA TRUDA I SOTSIAL'NOE STRAKHOVANIE [PROTECTION OF LABOR AND SOCIAL INSURANCE] Issued by Vsesoiuznyi Tsentral'nyi Sovet Professional'nykh Soiuзов [All-Union Central Council of Trade Unions], Moscow, vol. 8, no 10, Oct. 1965

- Table of contents translated
- New frontiers for technical inspection, p. 1.
- Kuchkin, G. - Built according to the design, p. 3.
- Kuczynski, Jurgen, Zumpfe, Lotia. - Where yesterday was slavery, p. 5.
- Zholondovskii, O. - Clear sky, p. 7.
- Sokolov, Z., and others. - When they work with enthusiasm, p. 9.
- Goncharenko, V. - Let's introduce aesthetics into industry, p. 14.
- 68 Chapayev Street, Baku, p. 15.
- Mascedov, G. - Good beginning, p. 19.
- Sokolov, M. - Prevention of grippe, p. 21.
- Sanatoriums should improve their work, p. 24.
- Sergeev, E. - Comfort for a tractor driver, p. 24.
- Bronina, A. - Continuing the discussion of employee vacations, p. 30.

Vol. 8, no 11, Nov. 1965.

- Table of contents translated.
- Pace of the Great October, p. 1.
- Kosopletkin, R. - Let's bring beauty into the world of labor, p. 3.
- Kharov, I. U., Kozlovskaya, A. - Public hygiene physician and industries, p. 6.
- Workers give their appraisal, p. 8.
- Savel'ev, L. - Daily routine of a trade-union committee on a collective farm, p. 8.
- Krasnov, L. - Duty of every engineer and every worker, p. 10.
- Let's bring culture and beauty into every workshop, p. 12.
- Davydov, I. - Energetic assistants, p. 13.
- Lerner, A., Savin, P. - Experiment in action, p. 14.
- Manaflov, G. - All should make use of the practices of the best workers, p. 16.
- Dalina, O. - Sanatorium for miners, p. 17.

- Prokhorenkov, A. - Aerosols as the friends of large workshops, p. 18.
- Easier, safer, and more convenient, p. 18.
- Topalbabian, A. - With a thought for men, p. 22.
- Guligin, L. - Control technique, p. 22.
- Molkin, I. U. - Let fatigue retreat, p. 25.
- Povolotskaya, G. - Struggle against rheumatism is a joint task, p. 27.
- For your working space, p. 28.
- Light and shadow of the Adler health resort, p. 30.
- Komarov, A. - Thrown open to the sun, p. 32.
- Gelinski, I. U. - A man came to a boarding house, p. 34.
- Syrovetskaya, M. - Salubrious oil, p. 34.
- Makhushkin, N., Gaisich, I. A., Kal'ko, A. - This did not need to happen, p. 36.
- Kalinushkin, M. - Across Scandinavia, p. 38.
- Pouchikov, V. - At the desk and in the field, p. 39.
- Panova, F. - Liability for damages caused to the economy, p. 40.
- Questions and answers, p. 42.
- Olekho, A. - Compensation for unhealthy working conditions, p. 44.

RABOTNITSA I SIALIANKA [THE WOMAN WORKER AND THE PEASANT WOMAN] Issued by Tsentral'nyi Kamitet Komunisticheskoi partii Belarussi [Central Committee of the Communist Party of White Russia] Minsk, vol. 41, no 10, Oct. 1965

SOTSIALISTICHESKII TRUD [SOCIALIST LABOR] Issued by Gosudarstvennyi komitet Sovetskoi Ministrov SSSR po voprosam truda i zarabotnoi plati [State Committee of the Council of Ministers of the U.S.S.R. on Labor and Wage Problems], Moscow, vol. 10, no 10, 1965

- Table of contents translated
- Editorial In the interest of the people, p. 3.
- Ivanov, A. - Profit is the main index, p. 9.
- Semenov, L. - Business accounting, group wage-payment systems and personal self-interest, p. 15.
- Seigeev, S. - Incentive payments for the improvement of production quality in industry, p. 25.
- Emel'ianova, E. - The hourly-bonus wage system in assembly-line work, p. 35.
- Vaganov, I. - Awarding bonuses for the quality of production and industrial management, p. 39.
- Belina, M., Kostrikova, E. - Verification of the new principles of issuing bonuses, p. 48.
- Orlova, V. - Wages depending on the proceeds in service industry enterprises, p. 50.
- Novikova, G. - Application of the new wage system for medical workers, p. 54.
- Kochetkov, U. - Put disbursement from the wage fund under constant control, p. 58.
- Emets, V. - From practice in planning work tasks in an enterprise, p. 60.
- Becev, M. - Method of the interbranch planning for communal labor productivity, p. 63.
- Venda, V. - Modeling and the scientific organization of the work of the operators, p. 71.
- Komarov, F., Kogan, A. - Mechanization of the work of employees engaged in the compilation of productive capacity, p. 70.
- Vasil'ev, D., and others. - Scientific labor organization service in an enterprise, p. 83.
- Val'dman, A. - Expenditure of labor for the cleaning of working areas in the enterprises of the U.S.A., p. 92.
- Demchenko, M. - Division and cooperation of labor under conditions of modern production, p. 97.
- Gal'tsov, A. - Planning the work process and accounting for losses in production, p. 104.
- Sobolev, E., Bogdanov, P. - Why branch norms are not applied, p. 109.
- In work-norm research organizations, p. 115.
- Mosina, Zdonok. - Material self-interest and the new system of the administration of the national economy in the Czechoslovak S.S.R., p. 120.
- Laplin, M. - The bonus system in the enterprises of some European socialist countries, p. 127.
- Lerer, L. - Legal regulation of salaries for teaching personnel, p. 130.
- Replies to the readers' letters, p. 141.
- In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions, p. 144.
- New methods for determining the amount of labor expended per unit of production, p. 147.
- Survey of the legislation on labor and judicial practice, p. 150.

SOVETSKIE PROFSOIUZY [SOVIET TRADE UNIONS] Issued by Vsesoiuznyi Tsentral'nyi Sovet Professional'nykh Soiuзов [All-Union Central Council of Trade Unions], Moscow, vol. 21, no 20(326), Oct. 1965

- Table of contents translated:
- In the name of communism, p. 1.
- Idea of the Great October live and triumph, p. 2.
- Armutov, L. - Two worlds and two destinies, p. 4.
- Ovechinnikov, V. - James Robins becomes acquainted with Russia, p. 6.

- Mgintsova, I. - The cause you serve. p. 9
 Brailov, A., Karpov, I.A. - Give the "green light" to plans for scientific labor organization. p. 14
 Orlov, I. - Practical study is a guarantee of success. p. 18
 Korotkova, Z. - Work clothes, supply and demand. p. 22
 Belogorov, M. - Work according to one's liking. p. 24
 Palace of exercise therapy, a photo report. p. 25
 Zhimakov, D. - Not to industrial accidents. p. 26
 Slavtseva, A. - Prevent violations and you will prevent disputes. p. 28
 Korabel'nikov, H'ia. - Maidikan contrasts. p. 30
 Zlobina, G. - Who would want to leave? p. 32
 Democratic centralism and the production principle are the foundation of the structure and organization of operation of trade unions, theme No 2. p. 34
 Rykba, V. - New program of West German trade unions. p. 42
 Zlatkin, V. - American morals and fables about "people's capitalism". p. 43
 Tselpln, A. - How to determine the length of a teaching service. p. 45
- Vol. 21, no. 21(327), Nov. 1965.
 Table of contents translated
 Put into practice the decisions of the Central Committee of the CPSU. p. 1
 Andreev, V. - We shall compete. p. 4
 Zamalin, V. - State standards, quality, and public participation. p. 7
 Improve the art of production. p. 10
 Chernov, V. - People among people. p. 12
 Zuev, S. - The word instructs, example leads. p. 16
 Kupchin, A., Moliseev, V. - Businesslike attitude, control, and efficiency. p. 19
 Lukashenko, I. - With concern for the future harvest. p. 20
 Vasil'ev, A. - Work plan of a trade-union group. p. 22
 Falatov, IU. - Light from the same match. p. 24
 Komakov, V. - It is provided for in the agreement. p. 26
 Latovlev, L. - Health placards. p. 27
 Dudochkin, D. - Always with the people. p. 30
 Rublinskii, IU. - France: the class struggles intensify. p. 30
 Budianskii, V. - There is no peace in the state of "general prosperity." p. 38
 Simonenko, G. - Average earnings; our consultations. p. 41
 Regulations on the factory and plant trade-union committee, comments to article No. 16. p. 42
 Saitinov, I. - Published in 1966. p. 44.

e SOCIOLOGY

AZERBAICHAN GADYNY [AZERBAIJAN WOMAN].

Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Azerbaidzhana [Central Committee of the Communist Party of Azerbaijan] Baku, nos. 6-7, June-July 1965. [In Azerbaijani]

KAZACH'IA ZHIZN' [COSSACK LIFE]. Issued by Vtoroi otdel Kazach'io-amerikanskogo naodnogo sojuza [Second Division of the Cossack American National Alliance, Inc.] Providence, R.I., vol. 13, no. 150, Aug. 1965.

KAZAKSTAN EYELDERI [KAZAKHSTAN WOMAN] Alma-Ata, no. 10, Oct. 1965. [In Kazakh]

NOUKOGUDE NAINI [SOVIET WOMAN]. Issued by EKP Keskkomitee [Central Committee of the Communist Party of Estonia] Tallinn, vol. 21, no. 11(247)-12 (248), Nov.-Dec. 1965. [In Estonian]

RADIANS'KA ZHINKA [SOVIET WOMAN]. Kiev, vol. 20, no. 10(236), Oct. 1965.

SMENA [THE YOUNGER GENERATION]. Organ of Tsentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo sojuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] Moscow, vol. 12, nos. 10(921)-22(924), Oct.-Nov. 1965.

SOTSIAL'NOE OBESPECHENIE [SOCIAL SECURITY]. Issued by Ministerstvo sotsial'nogo obespecheniia RSFSR [Ministry of Social Security of the R.S.F.S.R.] Moscow, vol. 26, no. 10, Oct. 1965.

Table of contents translated:
 Let's extend the promotion of social insurance for workers. p. 1.

Khromov, K.S. - Guarding the health and work of the laboring classes. p. 6

Measures are taken. p. 9.

Rodnikov, S. - From the practice of checkups. p. 10.

Leonov, V. - Collective farms reimbursed the losses. p. 11.

In the council of the Republic. p. 12.

Arychkin, A. - For the veterans of collective farms. p. 13.

Polukhov, M. - In order to evaluate the work of each one. p. 15.

Fedin, V. - On the Kabaodian collective farms. p. 16.

Restless old age. p. 17

Pahlenchikov, N., Demin, R. - Public control. p. 18.

Lysenkov, E. - Days full of worry. p. 21.

Khromov, P. - Such cases.... p. 22.

Dzhabailov, N. - In the section and in the field. p. 25.

Nazarov, A. - Vocation. p. 26.

Kosinskai, N. - Disability Evaluation Committee and the prevention of disability in the diseases of osteoarticular apparatus. p. 28.

Timeskov, I., Monakhov, V. - Fifth anniversary of the specialization institute. p. 32.

Gritskovich, D., Khankin, L. - Let's organize the work of the physically handicapped on a scientific basis. p. 34.

Veselova, N. - Our joint task. p. 36.

Rulev, N. - We visit our physically handicapped at home. p. 38.

Godin, L. - They work with enthusiasm. p. 43.

Ferber, B. - They pass on their experience and knowledge to youth. p. 44.

Postnikov, P. - Big and small problems. p. 47.

From the board of the Ministry. p. 50.

Solov'ev, A. - Calculating the average monthly wages for the award of pensions to collective farm members. p. 52.

Questions and answers. p. 55.

Deshin, V. - Outstanding success of Soviet athletes abroad. p. 59.

Vol. 26, no. 11, Nov. 1965.

Table of contents translated.

Big holiday. p. 1.

Aralov, V.A. - Let's put construction under unemitting control. p. 4.

Shakhov, G. - Seventy years have passed.... p. 8.

Leonov, IU. - Where Lenin used to visit. p. 11.

Pozdnyakov, N. - They remain in the ranks. p. 12.

Leont'ev, V. - For the health of millions. p. 14.

Smyslov, P. - How to calculate the gross income of a collective farm and the sum of deductions to be made from it. p. 18.

Mamonova, T. - What the figures show. p. 21.

Solov'ev, A., Sekunov, S. - Correspondence with collective farm members. p. 23.

Vol'pov, M. - Inspection and conclusions. p. 25.

Durnakov, A. - Reception room staffed by volunteers. p. 27.

She gave 35 years of her life to social insurance. p. 28.

Bushuev, V. - Disability abates. p. 30.

Vasil'ev, A. - "Part of our work." p. 32.

Nazarov, A. - Law of her life. p. 34.

Andreeva, K. - Public council and its affairs. p. 36.

Lukonin, V. - Physically handicapped stay at the plant. p. 38.

For those who lost their sight. p. 42.

Ryzhov, L. - Visiting the old-timers. p. 43.

Pevzner, M. - For creative contact with medical institutions. p. 44.

Men', M., Zhuravleva, G. - We introduce the progressive. p. 46.

Monakhov, L. - New enterprises. p. 47.

From the board of the Ministry. p. 49.

Rules for the academic council. p. 50.

Pisakov, V. - Reference book of a social insurance worker. p. 51.

Labor passport. p. 55.

Questions and answers. p. 57.

New in legislation and normative acts. p. 59.

Topcheev, I. - Pensions for all workers. p. 61.

SOVET TURKMENISTANYN AJALLARY [SOVIET TURKMENISTAN WOMAN]. Organ of TsK KP Turkmenistana [Central Committee of the Communist Party of Turkmenistan]. Ashkhabad, nos. 8(140)-9(147), Aug.-Sep. 1965. [In Turkmen]

SOVETSKII KRASNII KREST [SOVIET RED CROSS].

Organ of Ispolnitel'nyi komitet Sojuza obshchestv Krasnogo kresta i Krasnogo polomeslennia SSSR [Executive Committee of the Association of Societies of the Red Cross and Red Crescent of the U.S.S.R.]. Moscow, no. 4(82), July-Aug. 1965.

ZHENSCHINY MIRA [WOMEN OF THE WHOLE WORLD].

Issued by Mezhdunarodnaia demokraticheskaiia federatsiia zhenshchin [Women's International Democratic Federation]. Berlin, no. 9/10, 1965.

6. POLITICAL SCIENCE

AGITATOR [AGITATOR]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Sojuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 33, no. 10, May 1965.

Table of contents translated:

Editorial: Matters to be taken care of by the rural propaganda collective. p. 3.

Village workers, align yourselves with the best; facts and figures. p. 7.

Vital job of the party organizations; from the All-Union Seminar on Visual Propaganda. p. 9.

Shatilov, N. - Artist and propagandist. p. 13.

Khutsits, K. - Village teacher. p. 13.

Chachin, V. - Good sowing. p. 14.

Al'tov, V. - Means which are awaited. p. 17.

Semichnevskii, M. - New developments in the work of propagandists. p. 19.

Belov, A. - The road to reason and the heart. p. 26.

How to win in a duel? p. 30.

Bitunov, V. - Attaching manual work. p. 32.

Boislenko, N., Kuznetsov, A. - The first steps in specialization. p. 36.

Buzilovich, P. - An industrial plant begins at its entrance... p. 39.

Shtatskii, V. - Bureau of good services. p. 41.

Bolgov, M. - Polymers are born here. p. 42.

Experiments, search, findings. p. 43.

Pavlik, V. - Sensitiveness and indifference. p. 45.

Kuznetsov, S. - Pensions and allowances to members of collective farms. p. 47.

Chizhov, A. - Motion pictures on feeds. p. 51.

Blambol'sh, Lavsan-Nymyn - Conquerors of the Mongolian steppes. p. 52.

The people of Vietnam will be victorious! p. 53.

The population of the world, facts and figures. p. 59.

Khvartsika, M. - Hearts of culture; an All-Union review of people's universities. p. 60.

Svitslitskii, IU. - Resentment of a remote village; business trip caused by a letter. p. 61.

Vol. 33, no. 19, Oct. 1965

Table of contents translated

Editorial: Implement the decisions of the Plenum. p. 3

Undimmed light. p. 7

Great legacy, on the occasion of the publication of V.I. Lenin's Complete collected works. p. 13.

Krupskaya, N.K., and others - Lenin as a propagandist and agitator. p. 17.

Shapko, V. - The party as the inspirer and organizer of all victories. p. 21.

Zagladin, V. - Spearheading the struggle of popular masses. p. 25

Sapkov, L. - Firepower of our Fatherland. p. 29.

The seven-year plan at the finish. p. 32.

Iustikov, A. - In night and evening shifts. p. 34.

Bezgodko, F. - It was difficult for Mukhazh Bagov... p. 37.

Tarasov, D. - There where Orthodoxy used to be strong... p. 40

Fedorovich, N. - Rhythm and effectiveness in production. p. 42

Winter is approaching. p. 40.

Kilmin, V. - Relying on the new and advanced. p. 49

Pudkov, D. - Personally owned apartments. p. 52.

Malcheik, Herbert. - A country of peace on German soil, for the national holiday of the German Democratic Republic. p. 54.

The Kashmir question; a brief information. p. 58

Vol. 33, no. 20, Oct. 1965.

Table of contents translated

Editorial: Toward the party congress. p. 3.

Great propaganda to the level of new tasks. p. 7.

V.I. Lenin on management and economic incentives to production. p. 10.

Omarov, A. - Advantages of the socialist system of management. p. 13.

Gilonovich, IU. - Ideological conviction of the Soviet man. p. 17.

Shishkin, M. - Our active foreign policy, a survey. p. 21.

Sverdlov, A. - On the eve of the attack, V.I. Lenin's activities as agitator and propagandist on the eve of the October Revolution. p. 25.

The guiding star. p. 29.

The seven-year plan at the finish, facts and figures. p. 32.

Korlachkin, I. - At the permanent post; for the Soviet Police Day. p. 34.

Afanas'ev, V. - In new conditions. p. 37.

Ailamonov, R. - There should be no "street", side by side with the adolescent. p. 41.

Doroshina, R. - A state farm artist. p. 45.

Markin, B. - Without fighting spirit. p. 48.

Globin, N. - This is how the scientific organization of labor is being started... p. 51.

Boisov, IU. - Criminals in high positions. p. 55.

Revealing facts: Scams on America's face. p. 57.

Bogdanov, P. - Fighters on the invisible front. p. 58.

AGITATOR GRUZII [AGITATOR OF GEORGIA]. Issued by Otdel propagandy i agitatsii TsK KP Gruzii [Department of Propaganda and Agitation of the Central Committee of the Communist Party of Georgia]. Tbilisi, vol. 22, nos. 11-12, 14, June-July 1965.

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK].

Issued by Ideologicheskii otdel TsK KP Ukrainy [Ideological Section of the Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 23, nos. 10-11, 13-15, May-Aug. 1965.

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]
Issued by Vistriti propaganda i agitatsii Tsentral'nogo Komiteta Kommunisticheskoi partii Ukrainy [Propaganda and Dissemination Section of the Central Committee of the Communist Party of the Ukraine] Kiev, vol. 23, no. 16, Aug. 1965 [In Ukrainian]

EESTI KOMMUNIST [COMMUNIST OF ESTONIA] Issued by Eestihaa Kommunistliku Partei Kesikomitee [Central Committee of the Communist Party of Estonia] Tallinn, vol. 21, no. 10, Oct. 1965 [In Estonian]

KAZAKSTAN KOMMUNIST [COMMUNIST OF KAZAKHSTAN] Issued by the Communist Party of Kazakhstan Alma-Ata, vol. 44, nos. 10-11, Oct.-Nov. 1965 [In Kazakh]

KOMMUNIST [COMMUNIST] Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Litvi [Central Committee of the Communist Party of Lithuania] Vilnius, vol. 48, no. 11(497), Nov. 1965

KOMMUNIST [COMMUNIST] Organ of the Central Committee of the Communist Party of Kirghizia Frunze, vol. 39, no. 10, Oct. 1965 [In Kirghiz]

KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA] Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia] Minsk, vol. 39, no. 9, Sep. 1965.

Table of contents translated:

Editorial: Collective action is the highest principle of party leadership p. 2
Fifty five volumes p. 8

Liutavich, A. - Il'ich's great legacy. p. 13.
On current themes. The decisive month p. 17.
Pilotoich, S. - In the center of attention. p. 21.
Chalkovskii, V. - While working. p. 28.
Gusev, A. - What one has to know about the development of society. p. 34.
Dudareva, T. - Creation of a Marxist party in Russia. p. 39.

Kononov, S. - The core of the collective p. 44.
Zarudnyi, V. - The richest potential. p. 49.
Mitskevich, V. - Transformed territory p. 54.
Kas'anova, N. - Man is glorified through his work. p. 60.
Isaevskii, O. - The German Federal Republic is the stronghold of militarism and revanchism. p. 65.
Tolstik, A. - Inspire people, call them to the front. p. 70

KOMMUNIST ESTONII [COMMUNIST OF ESTONIA]
Issued by TsK Kompartii Estonii [Central Committee of the Communist Party of Estonia] Tallinn, vol. 21, no. 10, Oct. 1965

KOMMUNIST MOLDAVII [COMMUNIST OF MOLDAVIA]
Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Moldavii [Central Committee of the Communist Party of Moldavia] Kishinev, vol. 10, no. 9, Sep. 1965.

Table of contents translated

Bodul, I. - Remarkable fruits of fraternal friendship. p. 3.

Paukova, V. - The beginning of the revolutionary party of the proletariat. p. 12.

Danilenko, R., Grosul, G. - Internationalist education in school. p. 19.

Kornovan, D. - Study Marxist-Leninist theory creatively and profoundly. p. 27.

Buga, V. - Give everyday assistance to propagandists. p. 33.

Denezhkin, D. - Ready to begin to study. p. 34.

Krutovskaya, A., Levinson, E. - How we organize political studies. p. 36.

Anashkina, M. - In the service of party studies. p. 37.

Lozan, S. - By personal example. p. 39.

Antsimova, I. - Party committee is an organ of collective leadership. p. 45.

Model study plan for introductory political schooling, first year of education. p. 52.

Model study plan of a school on the fundamentals of Marxist-Leninist theory; first year of education. p. 53.

Readings for studying in the system of political education. p. 55.

Article series to be used in the system of party studies. p. 62.

Bugayev, E. - The core of a collective. p. 65.

Chernyi, V. - Experience with collective methods of the organization of and payment for labor. p. 75.

Boiko, P., Byrka, G. - The word of the young. p. 78

KOMMUNIST SOVETSKOI LATVII [COMMUNIST OF SOVIET LATVIA] Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Latvii [Central Committee of the Communist Party of Latvia] Riga, vol. 21, no. 11, Nov. 1965

KOMMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]
Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine] Kiev, vol. 40, no. 10, Oct. 1965.

Table of contents translated:

Editorial: Keeping high the designation "party member." p. 3.

Lipovchenko, N. - Immortal depository of Lenin's genius. p. 11.

Suprun, D. - In the vanguard of the labor advance. p. 22.

Ways of books, straight and winding. p. 29.

Unfading light of the Great October. p. 38.

A bright beacon of socialism in the East. p. 47.

Zakhirov, S. - Economic concord of fraternal peoples. p. 56.

Mikhalevich, A. - Visiting the "sovereign of thoughts." p. 59.

Fesunenko, P. - V.I. Lenin as propagandist. p. 73.

Zhebakov, F. - How to study V.I. Lenin's collected works. p. 79.

Zhuba, S. - Satisfy all the needs of the students. p. 83.

Kuzovkov, I. - Taking into account new demands. p. 85.

Chalkovskii, E. - Strengthen the minds and hearts of young patriots. p. 86.

Bukshun, I. - Pay constant attention to the electrification of the Soviet people's households. p. 80.

KOMMUNISTI TOCHIKISTON [COMMUNIST OF TAJIKISTAN] Issued by the Central Committee of the Communist Party of Tajikistan Dushanbe, vol. 30, nos. 10-11, Oct.-Nov. 1965 [In Tajik]

KOMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]
Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine] Kiev, vol. 40, nos. 7, 10-11, July, Oct.-Nov. 1965 [In Ukrainian]

KOMUNISTAS [COMMUNIST] Issued by Lietuvos Komunistu Partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania] Vilnius, nos. 9(495)-10(496), Sep.-Oct. 1965 [In Lithuanian]

LENINIAN UGIUV [LENIN'S WAY] Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Armenii [Central Committee of the Communist Party of Armenia] Eriivan, vol. 14, no. 9, Sep. 1965 [In Armenian]

MEZH DUNARODNAIA ZHIZN' [INTERNATIONAL LIFE]
Published by Vsesoyuznoe obshchestvo po rasprostraneniui politicheskikh i nauchnykh znani [All-Union Society for the Dissemination of Political and Scientific Knowledge] Moscow, vol. 12, no. 11, Nov. 1965.

Table of contents translated:

Editorial: A constructive program for strengthening peace. p. 3.

Granov, V., Nakropin, O. - The class nature and humanism of socialist foreign policy. p. 9.

Timashkova, O., Khesin, E. - The "Seven" and the split in Western Europe. p. 10.

Laponogov, I. - Along the roads of Yugoslavia. p. 30.

Beglov, I. - The magnates of California. p. 37.

Petrov, D. - Japan and the war in Vietnam. p. 48.

Shul'govskii, A. - Political trends in Latin America. p. 68.

Volgin, V. - 150 years of Swiss neutrality. p. 70.

Shestov, V. - Problems of disarmament at the present stage. p. 74.

Osipov, V. - Great Britain. A precarious balance of power. p. 85.

Szulczynski, L. - "Emergency legislation" of the Federal Republic of Germany in the service of revanchism and militarism. p. 95.

Golubkov, V. - Peaceful cooperation in Northern Europe. p. 103.

Viktorov, I. A. - Who is guilty? p. 107.

Zhitomirskii, M. - A great review in Brno. p. 100.

Ievlavs, T. - Prospect for consolidation of left forces. p. 110.

Mikson, I. - Declaration of international piracy. p. 111.

Roshehn, K. - An important event. p. 112.

Masich, V. - Regrouping of reactionary forces. p. 113.

Karataev, I. - For immediate independence! p. 114.

Shimel', N. - A new stage of the crisis. p. 115.

Kamylin, L. - Washington's smoke screen. p. 116.

Konstantinov, G. - A natural result. p. 117.

Titov, N., Garbar, M. - Chemical industry in the countries of the Mutual Economic Cooperation Council. p. 140.

Zeyin, L., Tagumenko, L. - Yugoslavia and the developing countries. p. 143.

Anatoliy, M. - The French electoral system. p. 145.

Vasil'yev, I. U. - Foreign policy advisers to the U.S. President. p. 147.

Pechlanskii, V. - The trade unions of Great Britain. p. 150.

Orlov, A. - The Philippines. p. 152.

Sashin, P. - The state system of the United Arab Republic. p. 155.

The reverse side of the "welfare state", figures and facts. p. 157.

Our vocabulary. p. 159.
Gasparyan, S. - Our experience in assisting a lecturer on international affairs. p. 160.

NOVOE VREMIA [NEW TIMES] Moscow, vol. 24, no. 44(1066), Oct. 1965.

Table of contents translated

Editorial: The solidarity of working people. p. 1.

Fedorchenko, N. - The U. N. and nuclear weapons. p. 3.

Indonesia's difficult days. Sovremennik. p. 6.

Manusovich, A. - The international brotherhood of peoples. p. 8.

Buchetti, W. - Escalation in the jungle. p. 10.

People and events: Maurice Couve de Murville. p. 12.

Per Botten, Paul Martin. pp. 12, 25, 31.

Sergeeva, N. - The question of honor. p. 13.

Current events:

Dimin, D. - Marshal Amos in Paris. p. 11.

Makhor, N. - Total play. p. 15.

Schmittke, G. - Crisis in the Austrian Government. p. 16.

Zhukov, V. - Santo Domingo again. p. 17.

I. T. - Mussolini's treasure. p. 18.

Professor L. Shabad on the problems of the fight against cancer, an interview. p. 19.

Aleksandrov, G. N. - From the history of the Nuremberg Trial, notes of a prosecutor (to be continued). p. 20.

International notes. p. 24.

Volodin, L. - The automobile and the times, a letter from Paris. p. 25.

Paklin, N. - An easy way of winning, a footballer. p. 27.

Pin, A. - The ashes of Onwlecim. p. 60.

Rosen, V. - Soviet toys, review of an exhibition. p. 29.

Vol. 23, no. 45(1067), Nov. 1965.

Table of contents translated

Ideas of the October Revolution. p. 1.

Leonov, L. A. - Socialism and economic planning. p. 3.

Bainov, N. - How we began, some facts from the history of the Soviet state. p. 8.

Patov, A. - Enthusiasm of the revolution. p. 10.

Buchetti, Wilfred. - Tactics of the Liberation Army under the new conditions. p. 12.

Current events:

France and the U. S. S. R. p. 16.

Brykin, V. - The assembly in Accra. p. 17.

Sedlin, L. - The statement. p. 18.

Grieco, Ariosto. - A new phase of the Greek crisis. p. 19.

Batov, P. - "The October assault", an interview. p. 20.

Wurmser, Andre. - When the masks are off. p. 22.

International notes. p. 24.

Zhukov, G. - The lucky Nakhodka. p. 26.

Kopolev, Lev. - Buchet and his art. p. 28.

Vol. 23, No. 46(1068), Nov. 1965.

Table of contents translated:

Editorial: On holiday. p. 1.

Voronov, Anatoli. - Heroic cities. p. 3.

Lightfoot, Claude. - New wave of McCarthyism in the United States. p. 4.

Bochkarev, I. U. - Plot against Africa. p. 5.

Buchetti, Wilfred. - General Westmoreland's "nine commandments." p. 8.

Current affairs of Cuba. p. 11.

Vol'skii, D. - Why the "second Bandung Conference" was postponed. p. 13.

A. U. - The situation in Indonesia. p. 16.

Aleksandrov, G. N. - From the history of the Nuremberg Trial, notes of a prosecutor (to be continued). p. 16.

Kashlev, I. U. - Vanguard of the young generation. p. 20.

Ambassador Toru Nakagawa on Japanese-Soviet relations: an interview. p. 21.

Berezikov, V. - Einar Gerhardsen distorts the facts. p. 23.

Some comments of an Israeli journalist, from the editor's mail. p. 24.

International notes. p. 26.

Rumkov, D. - Rome dialogues. p. 28.

Vol. 23, no. 47(1069), Nov. 1965.

Table of contents translated:

Sovremennik. - The warring of Nuremberg. p. 1.

Leonov, L. - In the world of fantastic economics (to be continued). p. 3.

Urasov, A. - Revolt of the exploited. p. 6.

Current events:

Berezikov, V. - A "no" to nuclear weapons. p. 10.

Sedlin, L. - Apropos of a speech from the throne. p. 11.

African tragedy. p. 12.

Szalai, Bela. - How we are trading. p. 14.

Aleksandrov, G. N. - From the history of the Nuremberg Trial, notes of a prosecutor (to be continued). p. 15.

- Antonov, A. - "The peace Week" in Sweden. p.19.
 Efimov, P. - The pre-election situation in France. p.20.
 Mikhlin, A. - Change of leaders in the American trade unions. p.23.
 And, I. - A hard story, manners of the "free world." p.25.
 International notes. p.26.
 People and events. Alman Mirovetskii, p.28.
 Napalkov, S. - Answer p. the great gate of a small country. p.29.

PARTIYA TURMUSH [PARTY LIFE] Issued by Tsentral'nyi Komitet kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan] Tashkent, no 9, Sep 1965 [In Uzbek]

PARTIYNAYA ZHIZN' [PARTY LIFE] Issued by Tsentral'nyi Komitet kommunisticheskoi partii Sovetskogo Soyuza [Central Committee of the Communist Party of the Soviet Union] Moscow, no 21, Nov 1965

- Table of contents translated.
 Editorial: On the eve of the 23d Congress of the CPSU. p.3.
 Lomakin, N. - Scientific approach to work as the most important trend in party leadership. p.8.
 Elizarov, S. - The collective and the individual. p.18.
 Chinkal, N. - Responsibility of a scientist and confidence in him. p.29.
 Dzhurkin, N., and others. - Encouraging the creative work of innovators. p.35.
 Topchey, N. - People's activity as a guarantee of success. p.38.
 Postolov, S. - A personal case is being examined... p.43.
 Borisov, P., Fomenko, A. - In a rural party committee. p.50.
 Candidates for CPSU membership. p.54.
 The right of the deciding vote. p.56.
 Fomin, P. - "I was not satisfied with my salary." p.58.
 Gnev, V. - Solve practical problems by means of explanation. p.57.
 Ivonin, V. - Useful initiative. p.58.
 Et'kind, I.A. - Our common cause. p.61.
 Stukhlov, I. - Communists of a small village. p.63.
 Borisov, I.D. - Instruction... on the application of another instruction. p.64.
 Babluch, Edward - The vanguard of the working class and of the Polish people. p.66.
 Volnberg, F. - For propagandists and students. p.73.
 Fomenko, I.A. - Sketch in a newspaper. p.78.

No. 22, Nov. 1965.

- Table of contents translated;
 Editorial: The statute on enterprises and the tasks of the party organizations. p.3.
 Nikolov, K. - The prospects of the work should always be considered in advance. p.8.
 Panchin, E. - The tie with the masses as an inevitable condition of the successful activity of party organizations. p.15.
 Usmanov, S. - In the struggle for cotton. p.24.
 Volzhukin, V. - Under new conditions. p.30.
 A work of the party apparatus.
 Lyssenko, V. - Development according to the plan and the labor turnover. p.34.
 Tojstov, V. - Without public participation and with public participation. p.38.
 Tolstoliatenko, P. - An important section. p.41.
 Losev, A. - Receiving an assignment... p.44.
 Tokar', V. - Take public opinion into consideration. p.46.
 About the formation of organs of party-state control. p.48.
 Kakimzhanov, A. - A matter demanding constant attention. p.40.
 Timchenko, I. - On the outskirts of a city. p.51.
 Kilin, S. - When a Communist displays initiative. p.53.
 Koltsov, V. - Keenly and efficiently. p.55.
 Drabkina, E. - A veteran of the Lenin guard. p.57.
 Koskin, A. - Unnecessary supervision. p.63.
 Who needs so much paperwork? p.63.
 Bobicheva, A. - Guided by the table of ranks... p.64.
 Twenty years of the Workers' Party of Korea; report of the chairman of the Central Committee of the Workers' Party of Korea, Comrade Kim-Il-sung at the festive session in P'yongyang, on October 10, 1965, on the occasion of the 20th anniversary of the foundation of the Workers' Party of Korea. p.65.
 Rechmedin, L. - Develop greater fighting spirit! p.75.

PARTIYNAYA ZHIZN' KAZAKHISTANA [PARTY LIFE OF KAZAKHISTAN] Issued by Tsentral'nyi Komitet KP Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol 35, no 9, Sep. 1965

- Table of contents translated.
 Editorial: Reports and elections in party organizations. p.3.

- Konstantinov, P. - Foremost duty of a Communist. p.9.
 Do not let time go by. p.15.
 Zhurkin, N. - Reality of our plans. p.18.
 Mikhlin, N. - On hot harvest days. p.22.
 Stukhlov, N. - Put all reserves to work. p.25.
 Neelevnov, G. - Harden young communists and inculcate good habits. p.26.
 Lataev, I. - Man is glorified through work. p.29.
 Lagovoi, G. - With this one cannot be lenient. p.32.
 Volynov, A. - Party attention to the servicing of everyday needs. p.35.
 Kunkhozhayev, N. - Concern for the development of production. p.38.
 Rabinet, M. - Put into use the new and advanced. p.40.
 Fedukin, S. - Inexhaustible source of revolutionary ideas. p.43.
 Makotchenko, V. - Based on good examples. p.46.
 Mikhlin, O. - Running idle. p.50.
 Tumushin, K. - Stormy years. p.53.
 Butal'shechikov, V. - The strength of control rests in party leadership. p.56.
 Platav, A. - In the struggle for technical progress. p.59.
 High exactingness. p.63.
 Stepanov, V. - There where it is more difficult. p.64.
 Dyusupova, O. - Some problems of aesthetics in everyday life. p.68.
 Adilbayev, Kh. - High civic-mindedness. p.73.
 Aleksandrov, N. - A fence, not a fortress. p.74.
 Orazbekuly, T. - Annoying errors in a good calendar. p.76.
 Iron knight of the Revolution. p.77.
 Nallvanko, F. - Planning party work. p.78.

Vol. 35, no. 10, Oct. 1965.

- Table of contents translated:
 Information Communicated on the Plenum of the Central Committee of the CPSU. p.3.
 Improvement of industrial administration, perfecting the planning, and intensification of the use of economic incentives in industrial production. p.4.
 Convocation of the regular 23d Congress of the CPSU. p.8.
 The authority of the leader. p.9.
 Zharbin, I. - Give our youth communist convictions. p.13.
 A big party affair. p.18.
 Zhebozhanskii, N. - Engineering service in the village. p.21.
 Kim, V. - Pressing problems. p.24.
 Bystrov, I. - Build fast and cheap. p.26.
 Skarobogatov, V. - Organizational work is the principal thing. p.30.
 Lagovoi, G. - Success is decided by men. p.33.
 Ivanov, V. - Purposefully and persistently. p.36.
 Volnikov, V. - District committee and primary organizations. p.38.
 Serious omission. p.41.
 Kandyko, S., Danilov, V. - The most important index number. p.42.
 Naumenko, V. - Enthusiasts of technological progress. p.44.
 Rofman, M., Tsel'min, S. - Taking in account new demands. p.46.
 Afonin, F. - Care for the propagandists. p.49.
 Mashaev, K., Beznosuk, K. - An important means in the education of students. p.50.
 Mikhlin, A. - Marching on the road of glorious victories. p.55.
 Gukasov, G., Shevtsov, N. - Searching for the new. p.59.
 Zvezlov, N. - After the great reckoning. p.63.
 Zaporozhtsov, I. - Control and production quality. p.65.
 Mozgovain, L. - Due to the concern of the deputies. p.69.
 Feoktistov, N. - Payment of membership dues. p.71.
 The work of people's controllers. p.72.
 Dakhshleiger, G. - Proletarian internationalism in action. p.73.
 Kantemirov, D. - Valuable research. p.77.

POLITICHESKOE SAMOOBRAZOVANIE [POLITICAL SELF-EDUCATION] Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soyuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 9, no 11, Nov. 1965

PROBLEMY MIRA I SOTSIALIZMA [PROBLEMS OF PEACE AND SOCIALISM] Prague, vol. 8, no. 11, Nov 1965

RUSSKOE DELO. RUSSIAN CAUSE. Issued by Predstavitel'stvo russkikh emigrantov v Amerike [Russian Immigrants' Representative Association in America]. New York, vol. 7, no. 7(70), July 1965.

SOVETSKIE DEPUTATOV TRUDIASHCHIKH [SOVIET WORKERS' DEPUTIES] Issued by the Newspaper "Zvestia." Moscow, no. 11(101), Nov 1965.

UKRAINS KYI SAMOSTIYNKY [UKRAINIAN INDEPENDENT] Munich, vol 16, no 9(491), Sep 1965

VISNYK THE HERALD Organ of Organizatsiia oborony chotyri okh svobod Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc.] New York, vol 18, no 16(190), Nov 1964, vol 19, no. 10 (201), Nov 1965

VOLIA [FREEDOM] Organ of Narodno-trudovoi soizuz russkikh solidnistov [National Workingmen's Association of Russian Solidrists] Frankfurt/Main, vol 4, no 24, Aug 1964, vol 5, no 27, Mar 1965.

VOPROSY ISTORIY KPSS [PROBLEMS IN THE HISTORY OF THE CPSU] Organ of Institut marksizma-leninizma pri TsK KPSS [Institute of Marxism-Leninism, Attached to the Central Committee of the CPSU] Moscow, vol 9, no. 10, Oct 1965

- Table of contents translated:
 Adomaviciute, S.V. - From the experience of the party organization of Lithuania in the workers' communist education, 1956-1965. p.3.
 Shitapov, G.V. - The struggle of the Communist parties of capitalist countries for the interests of the peasantry. p.17.
 Roca, Blas. - History of the development of Marxism-Leninism in Cuba. p.30.
 The party during the period of the upswing of the revolution. 2. Between two battles (to be continued). p.37.
 Lemeshechuk, N.M. - The party organizations of Brest during the heroic defense, June-July 1941. p.50.
 From G. Lightfoot's speech at the Sixth Congress of the Communist Youth International on October 2, 1955. p.59.
 Kozlov, A.V. - V.I. Lenin's work "Current objectives of the Soviet government." p.64.
 Dmitrienko, S.L. - The joint plenums of the Central Committee and the Control Committee of the CPSU, 1921-1933. p.73.
 Surovtsev, N.N. - V.I. Lenin's work "To the poor in the countryside." p.80.
 Gak, A.M., Sanina, I.I. - Aleksandr Dmitrievich Tsurupa, on the 95th anniversary of his birth. p.83.
 Fominov, G.N. - Bohumir Smeral, on the 65th anniversary of his birth. p.87.
 Tsiylin, R.I.A. - From the history of the activity of the Anglo-American group of the Russian Communist Party (Bolshevik). p.90.
 Shakhmurovskaya, N.D. - Index to the bibliographies of the volumes of V.I. Lenin's complete collected works. p.95.
 Avininov, R.P. - Three encounters with V.I. Lenin. p.99.
 Kalinin, G.A. - Lenin's Kashira, reminiscences of the builder of the Kashira Hydroelectric Power Station. p.103.
 Vasil'ev, I.U.A. - The CPSU and the development of industry and transportation in Siberia during the period of the Great Patriotic War. p.113.
 Documents and articles on the history of the CPSU and the international Communist and labor movement, published in journals, studies, collections, and transactions in August 1965. p.144.
 Gakhulina, T.P., Evgrafov, F.G. - Connection of the teaching of the history of the CPSU with the curriculum of an institution. p.149.
 Alekseev, G.M. - An anniversary edition of socio-political literature. p.152.
 Grebenikov, M.V., Kulenikov, I.V. - The 50th anniversary of the Great October. p.154.
 Mikhail Abramovich Moskatov; an obituary. p.158.

Vol. 9, no. 11, Nov. 1965.

- Table of contents translated:
 Makarov, N.I. - International significance of the Revolution of 1905-1907. p.3.
 Korshin, I.U.I., Sidel'skii, R.I. - V.I. Lenin and the militant work of the Bolshevik Party during the period of the first Russian revolution. p.14.
 The party in the period of the development of the revolution. 3. The armed uprising of the Decembrists. The uprising in Moscow. p.28.
 Konstantinov, M.M. - The struggle of the Bolsheviks for the establishment of revolutionary peasant committees in 1905. p.48.
 Kardashov, I.U.P. - New information on the revolt on the battleship "Potemkin." p.57.
 Mor, N.M. - Mikhail Ivanovich Kalinin as party propagandist. p.66.
 Nikol'skov, G.L. - First conference of the Communist organizations of the provinces occupied by Germany, October 1918. p.70.
 The work of the Sixth Congress of the Russian Social Democratic Party (Bolshevik). p.88.
 Troitskiy, N.V. - Lenin's theory of socialist revolution and the present times. p.93.
 Genkina, E.B. - V.I. Lenin's works on the problems of the new economic policy. p.104.
 Grinberg, A.M. - Lenin's "Novaya zhizn'" in the struggle for the masses; 60th anniversary of the first legal Bolshevik newspaper. p.114.

- B. Chirva, N. V., T. S. T. P. O. A. I. - Anatoli Vasil'evich Lunat'skiy on the 90th anniversary of his birth, p. 124.
- I. G. O. - I. T. - Grigoriy Yemenukhovich Kaminskiy, on the 70th anniversary of his birth, p. 124.
- Grigoriy, S. M. - V. I. Lenin's excerpts from the Russian liberal bourgeois newspapers, summer of 1913, p. 125.
- Document - and articles on the history of the CPSU and the international Communist and labor movement published in journals, studies, collections, and transactions in September, p. 150.
- Gusakov, L. L. - In the M. I. Kalinin State Museum, p. 155.
- Pavlov, P. I., Khimko, M. S. - Coordination as the most important element in organizing the scholarly work on the history of the CPSU, p. 156.
- Subjects of doctoral dissertations discussed and approved by the Presidium of the All-Union Council and the local Councils for Coordination of Research on the history of the CPSU, p. 158.

7. LAW

- LATVIAN S S R Augstākā Padome Zinotajs [Supreme
Soviet Gazette] Moscow, vol 23, nos 31(2120)-36
(2125), Aug - Sep 1965

- OTVECHAEM NA VOPROSY RABOCHIKH I SLUZHASHCHIKH, Iuridicheskie konsultatsii Profizdata
[WE ANSWER WORKERS' AND EMPLOYEES' QUESTIONS, Legal Advice from the Trade-Union Publishing House] Moscow, no 14, 1965

- RADIANS'KE PRAVO [SOVIET LAW] Organ of Verkhovnyi and USSR [Supreme] Court of the Ukrainian S.S.R. [ard others] Kiev, vol 28, no 7, Oct 1985
- Table of contents translated
- Zakhar, V. - Toward the elections of people's judges p. 3.
- Potezhal, P. - Relation between socialist legality and political expediency in Soviet society, p. 10.
- Mihil, V. - Standing committees of a village soviet p. 14.
- Tokar, H. - Activate the work of the committees in charge of juvenile matters p. 16.
- Osachyl, V. - Give proper attention to the education of youth p. 18.
- Kotlych, L. - Participation of the public in the determination of civil cases, p. 19.
- Kul'chevych, V., Kolesnikov, M., Kuz'menko, P. - Community tribunals p. 23.
- Herasun, O. - Procedural and organizational issues of criminal investigation conducted by a group of investigators, p. 25.
- Chubenko, V. - Utilize the expert evidence possibilities available in forensic chemistry p. 29.
- Prydyorov, M., Naumenko, M. - Protection of honor and dignity under civil law, p. 32.
- Aleksandrov, IU. - Qualification criteria of the crime of rape p. 37.
- Kopechikov, V. - Socialist state enterprises and economic administration, p. 40.
- Orydorch, M. - Suggestions concerning family law p. 44.
- Susto, D. - It is the prerogative of the procurator to lodge protest against court decisions if they are mild p. 48.
- Fin'ko, V. - The burden of proof and the character of evidence at the stage of court hearing p. 52.
- Dodin, E. - The elements of place, time, manner and means of the perpetration of an administrative offense p. 55.
- Boncharova, H. - Legal effect of a public appeal for the establishment of labor relation. p. 58.
- Bytyi, S. - Codification of land law. p. 62.
- Pohorilko, V., Kysylyuk, D. - Recovery procedure of alimony needs revision p. 65.
- Stepanov, V., Qubshadt, K. - Need to amend and Supplement Sections 412, 413 and 360 of the Criminal Procedure Code of the Ukrainian S.S.R. p. 67.
- Tsymerman, IU. - Legal status of raw and processed materials of a state industrial enterprise, p. 70.
- Shelestov, V. - Long-range economic contracts, p. 75.
- Tkach, A. - Structure of contractual relations in industrial construction and its improvement, p. 79.
- Korban, L. - Our work experience in the strengthening of legality, p. 84.
- Marlash, I. - Methods to eliminate conditions which induce lawbreaking, p. 85.
- Delmekin, D. - Trials held out of court should be thoroughly prepared p. 87.
- Poperechnyi, P. - Stop draining the collective farms through unwarranted collection of costs, p. 89.
- Besher, D. - Problems in need of solutions p. 90.
- Pushkar, M. - Do not permit violations of discipline in financial affairs, p. 92.
- Monastyr's'kyi, E. - Organizational laws governing the methods of workers' participation in the production management of socialist counties abroad, p. 93.
- Practice of the Supreme Court of the Ukrainian S.S.R. p. 99.

- Practice of procuratorial supervision p 103.
Arbitration practice. p. 105.
General regulations p 107,
Semenov, V., Brynykh, E - V Kopal's work entitled
"Problem of the United Nations armed forces."
p 109.
In the Supreme Court of the Ukrainian S.S R. p. 112.

- RUSSIA (1917- R S F S R) Verkhovnyi Sovet, Vedomosti [Supreme Soviet Gazette] Moscow, vol 9 nos. 40(356)-47(373), Oct -Nov 1965

- RUSSIA (1917- R S F S R) Verkhovnyi Sud Bulletin
[Supreme Court Bulletin] Moscow, no. 10, 1905

- RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po
voprosam truda i zarabotnoi platy. Biulleten' [State
Committee on Problems of Labor and Wages [Bulletin]. Moscow, no 8, 1965

- Table of contents translated
- Introduction of amendments and supplements to the standard regulation on piece-rate bonus and hourly-bonus wages for railroad-transportation and subway workers, p. 3.
- Amendments and supplements to the standard regulation on the piece-rate bonus and the hourly-bonus wage systems for workers in light industry enterprises, p. 4.
- Amendment to the model criteria for assigning section shops of mass-production clothing enterprises to wage groups, p. 6.
- Salaries for senior accountant-auditors, accountant-auditors, senior auditors, and auditors in agencies and departments of executive committees, ministries and governmental agencies of the A.S.S.R. and trusts, p. 7.
- Establishing supplementary payments to secretaries of executive committees of city soviets of worker deputies, working in cities not assigned to Soviet workers' wage groups, for keeping record of persons subject to military service p. 8.
- Supplementary wages for state-farm workers engaged in growing rice, buckwheat, millet and sunflowers, p. 8.
- Adoption of standard regulations on awarding bonuses to managerial, engineering and technical workers and employees in light and food industry enterprises which are being transferred to the new method of planning production (on orders from stores, wholesale depots, offices, and trading organizations, and on direct contracts with enterprises and other organizations), p. 11.
- Adoption of standard regulations on awarding bonuses to managerial, engineering and technical workers and employees in food industry enterprises which are not being transferred to the new method of planning production, p. 24.
- Adoption of the standard regulation on awarding bonuses to managerial, engineering and technical workers and employees in light industry enterprises which are not being transferred to the new method of planning production, p. 36.
- Adoption of the standard regulation on awarding bonuses to managerial, engineering and technical workers and employees in machinery industry and metal-working industry trusts, p. 41.
- On the standard structure of the administrative apparatus of chemical industry enterprises, p. 46.
- Supplements and amendments to the uniform output norms for mining work in coal-mine and open-pit building, p. 49.
- Procedure for applying regulation No. 250 of April 1, 1965, of the Council of Ministers of the U.S.S.R., "Pension coverage for former collective-farm members whose land has been allotted to state farms and other enterprises and organizations," p. 50.
- Procedure for establishing length of service as worker or employee in awarding pensions for collective-farm members (on paragraph 51 of the regulation on the procedure for awarding and paying pensions to collective-farm members), p. 51.

- No. 9, 1965.
- Table of contents translated:
- Wage systems for workers of poultry plants, specialized state poultry farms, breeding farms and other agricultural enterprises of the poultry industry of the U. S. S. R., p. 3.
- Introduction of partial supplements and amendments to the standard regulation on wages for managerial workers and specialists on state farms and other state agricultural enterprises, p. 14.
- Introduction of partial supplements and amendments to the regulation on wages for workers of state-farm trusts issued by the State Committee on Problems of Labor and Wages of the Council of Ministers of the U. S. S. R. and the Secretariat of the All-Union Central Council of Trade Unions, p. 14.
- Wages for the heads of landings of lumbering enterprises established as independent departments of these enterprises, p. 15.

- Procedure and amount of compensation to workers in trade and the public dining system whose regular work is performed while traveling, or whose work requires travel. p. 16
- Issuing bonuses to managerial workers and specialists on state farms for overfulfilling the plans for producing and selling the unaccounted rice to the state. p. 17
- Adoption of the regulation on issuing bonuses to managerial workers and specialists of grain procurement centers and enterprises for overfulfilling plans for the procurement and processing of the unaccounted rice. p. 19
- Adoption of the standard regulation on issuing bonuses to managerial, engineering and technical workers and employees of trusts for the procurement and primary processing of cotton, flax, hemp, and other bast cultures. p. 23
- Procedures for issuing bonuses to foremen in the lumbering industry. p. 26
- Supplement to the standard regulation on issuing bonuses to managerial, engineering and technical workers and employees of forest industry enterprises located in heavily-forested regions. p. 26
- Issuing bonuses to tractor and machine operators on collective and state farms as well as in other state agricultural enterprises engaged in testing experimental models of tractors and other agricultural machinery under farm conditions. p. 27
- Procedures for issuing bonuses to managerial, engineering and technical workers and employees in test-and-exploitation-drawing organizations. p. 29
- Introduction of a supplement to the standard regulation on issuing bonuses. p. 29
- On increasing the amount of bonuses for the R. S. F. S. R. state-farm workers engaged in growing sugar beet and high-quality sugar-beet seeds for industrial purposes, as well as growing mother tubs. p. 29
- Adoption of the standard regulations on issuing bonuses to managerial workers, specialists and employees of procurement enterprises and organizations. p. 30
- Summing-up weekly rest days unused by workers in grain product enterprises during the period of large-scale delivery of grain. p. 53
- Procedures for computing the amount of pensions for some categories of workers as on paragraph 124 of the regulation on awarding and paying government pensions. p. 59
- RUSSIA (1923- U. S. S. R.)** Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestiia vysshikh uchebnykh zavedeniĭ, pravovedeniia [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning Jurisprudence], Moscow, vol. 9, no. 4, 1967.
- Table of contents translated
- Alekseev, N. S. - Responsibility of the Nazi war criminals. p. 3.
- Alekseev, S. S. - Legal action in the present and future. p. 12.
- Taikhov, V. A. - Problem of legal relations. p. 21
- Lepshinskii, A. I., Makharinko, A. Kh., Shchegolev, B. V. - Concept, subject matter and sources of constitutional law. p. 29.
- Drozhnev, B. V. - Nature of legal rules established by city soviets and their executive committees. p. 34.
- Zhdanov, A. A. - "Emergency situation" under the administrative law of Imperialist countries. p. 42.
- Serebrennikov, V. P. - Reform of local representative organs in France, 1950-1964. p. 51.
- Constitutional consequences attached to transition of power to the interests of the socialist state and society. p. 59.
- Zhuikov, B. M. - Industrial automation in the U. S. A. and the legal forms used by workers in contesting its consequences. p. 68.
- Avdenko, N. I., and others. - Application of certain provisions of the new Civil Procedure Code of the R. S. F. S. R. p. 77.
- Averin, D. D. - Execution by Soviet courts of letters rogatory of foreign courts and requests of the courts of the U. S. S. R. concerning letters rogatory to foreign courts. p. 89.
- Aizenov, V. D. - Facts dispensed from evidence in criminal proceedings. p. 97.
- Filatov, D. P. - Expanding criminal responsibility to new persons when a case is returned for supplemental investigation. p. 105.
- Antonova, L. I. - Legislative Drafting and Codification Department of the People's Commissariat of Justice of the R. S. F. S. R. and its role in the preliminary review of legislative projects, 1917-1922. p. 111.
- Lavrov, M. I. - International servitudes. p. 120.
- Stuchkov, N. A. - Coordinated development of problems coming up in the fields of criminal law, criminal procedure law and corrective labor law. p. 127.
- Kovalov, M. I. - Soviet criminology and its place in the system of legal sciences. p. 135.
- Berenson, A. D., Rzhinov, V. E. - Developing Soviet criminology into an independent science. p. 144.
- Markova, M. G. - Contracts to protect socialist property by nonagency protective guards attached to the organs of police. p. 151.
- Grenlako, I. L. - Basic features of business accounting of collective farms and its legal regulation. p. 156.

- Solodkin, I. I. - Some problems of criminal law and legislation in M. M. Speranskii's works. p. 159.
- Chislakov, O. I. - Hiring native elements for government service in nationality districts in the first years of Soviet rule, based on materials from nationality regions of the Middle Volga Economic Region. p. 164.
- Gaienskaya, L. N. - International offenses and international responsibility. p. 168.
- Belon, I. A. M. - I. P. Pinskiy's and D. V. Shchetinin's "The constitutional law of people's democracies". p. 172.
- Cherepakina, B. B., Tolstoy, I. U. A. - S. M. Korneev's "The law of state socialist property of the U.S.S.R.". p. 174.
- Aleksandrov, N. S., and others. - I. D. Perlov's "The execution of a sentence". p. 179.
- Malinin, S. A. - Economic and political problems of the new sovereign states. p. 185.
- Decision of the Central Committee of the CPSU entitled "Measures for further development of legal science and improvement of legal education in the country. p. 188.
- Discussion of the law of inventions. p. 193.
- Cherepakina, B. B. - 70th anniversary of Professor B. B. Cherepakina. p. 197.
- Professor P. P. Mikhailenko's anniversary. p. 198.
- Professor K. A. Sofronenko's 60th anniversary. p. 200.
- In Evgenii Aleksandrovich Korovin's memory. p. 201.
- RUSSIA (1923- U.S.S.R.) Vorkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette].** Moscow, vol. 28, nos. 40(1283)-43(1286), 45(1288)-47(1290), Oct-Dec 1965.
- SOVETSKAYA IUSTITSIYA [SOVIET JUSTICE]** Issued by Ministerstvo iustitsii i Vorkhovnyi Sud RSFSR [Ministry of Justice and the Supreme Court of the R.S.F.S.R.]. Moscow, vol. 20, no. 18, Sep 1965.
- Table of contents translated:
- Strengthen the ties between legal science and practice. p. 1.
- Petukhin, I. - The rule on the necessity of proof as a guarantee of truth in Soviet criminal procedure. p. 3.
- Shafarevich, T. - It is time to end the organizational confusion. p. 5.
- Shelomov, B. - Judicial practice in matters of material liability of brigades. p. 6.
- Fat'kovich, M. - A new instruction on procedures concerning the acceptance of producers' and consumers' goods. p. 6.
- Zol'dov, S. - Practice in cases of expunction of criminal record ahead of time. p. 10.
- Kolbasov, O. - Unsettled problems of recovery of fines imposed in administrative proceedings. p. 12.
- Gof'diner, V. - Preparation of the summing up by a defense attorney. p. 14.
- Gukhsan, R. - Issues decided by the judge only according to the Civil Procedure Code of the R.S.F.S.R. p. 17.
- Zolinskii, A. - Responsibility for the threat to kill, to cause serious bodily injury, and destroy property. p. 18.
- Golashnikov, K. - People's University of Legal Knowledge in Ulan-Ude. p. 20.
- Lashchikina, V. - Limit the application of short-term imprisonment. p. 22.
- Zimmer, A. - For the extension of supervisory functions of the Supreme Court of the U.S.S.R. p. 23.
- Group conferences of the Supreme Court of the R.S.F.S.R. p. 24.
- Our replies to questions. p. 26.
- Decree of the Plenum of the Supreme Court of the U.S.S.R. p. 27.
- Platonova, L., Oletnikov, M. - Good helpers. p. 29.
- Stepanov, I. U. - The "fire victims" of Ramenskoye. p. 31.
- Arbitration practice. p. 32.
- Chechot, D. - Joint actions. p. 17.
- Borzenkov, G. - Distinguishing between fraud and contiguous offenses. p. 18.
- Zav'latov, I. U. - Intensity of the control of the decision making by comrades' courts. p. 21.
- Kaminskaya, V. - Once more on nonprofessional judges. p. 22.
- El'makova, A. - A group of volunteers to struggle against the violations of labor discipline. p. 23.
- Kuz'min, E. - The "great society" or the citadel of criminality? p. 26.
- Moskvin, S. - S. I. U. Kats' work entitled "Instituting supervisory proceedings in civil matters." p. 28.
- Our replies to questions. p. 30.
- Arbitration practice. p. 31.
- Notarial practice. p. 32.
- SOVETSKOE GOSUDARSTVO I PRAVO [SOVIET STATE AND LAW]** Organ of Institut gosudarstva i prava Akademii nauk SSSR [Institute of State and Law of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 35, no. 10, Oct 1965.
- Table of contents translated:
- Zhognin, N. V. - Role of the investigative apparatus and procuratorial supervision in crime prevention. p. 3.
- Pavlov, I. V. - Theoretical legal problems confronting agricultural management and administration. p. 10.
- Mal'tsev, G. V. - Correlation of the subjective rights and duties and the interests of Soviet citizens. p. 19.
- Lazarov, D. M. - Delegation of authority in the province of state administration. p. 27.
- Krasavichikov, O. A. - Distinctive characteristics of regulatory provisions concerning invalid transactions under the new Soviet civil law. p. 36.
- Baskov, V. I. - Procedure for the supervisory review of criminal cases. p. 44.
- Man'kovskii, B. S. - Problems of political and moral responsibility. p. 51.
- Tunkin, G. I. - United Nations Organization, 1945-1965, international law problems. p. 58.
- Kul'shatova, R. F. - Review the law on state arbitration. p. 69.
- Abova, T. E. - Carriers' liability for cargo safety in direct mixed railway-waterway traffic. p. 70.
- Bychkovskii, G. V. - Organizational experience with the contracting system of a steel plant. p. 80.
- Rodchenko, G. L. - Institution of proceedings on the initiative of the organs of the State Arbitration Agency. p. 91.
- Gof'diner, V. D. - Ethics in an advocate's acts. p. 95.
- Shafir, G. M. - Some suggestions to improve the organization of Soviet advocacy. p. 101.
- Harimann, R., Luther, H. - Criminality research and prevention problems related to juveniles in the German Democratic Republic. p. 103.
- Martynovich, I. I. - Application of the general rules of judicial law in the practice of comrades' courts. p. 110.
- Bozodina, N. N. - Legal regulation concerning the labor discipline of workers and salaried employees in the U.S.S.R. p. 115.
- Gavrilov, O. A. - Potential use of cybernetic methods in legislative activities. p. 119.
- Ducias, A. - Discrimination against American citizens of Mexican extraction. p. 125.
- Kosytsin, A. P. - Intrinsic stage in the development of the socialist state. p. 126.
- Replies to letters of management workers. p. 136.
- Amendment of individual guiding instructions of the State Arbitration Agency of the Council of Ministers of the U.S.S.R. p. 136.
- Information on new books issued abroad. p. 151.
- New legal literature in the U.S.S.R., July-August 1965. p. 153.
- Eishova, T., Tikhomirova, O. - Teach them to love nature and to see its beauty. p. 20.
- Kulazeva, L. - Children learn to obey. p. 30.
- Mitushov, B. - Children observe, think, and talk... p. 33.
- Godina, G. - Trusting the children. p. 39.
- Kikidze, A. - When the lots begin to grow up... p. 41.
- Solov'inskaya, Z. - Children's creativeness. p. 48.
- Ablamova, V. - From day to day. p. 50.
- Vedrasheko, V. - Children should eat vegetables and berries. p. 51.
- Sokolova, E. - Take care of your child's nervous system. p. 59.
- Palagina, N. - "He is bewitched!" p. 63.
- Mikhailov, N. - Across our homeland. p. 65.
- Gerasimov, V. - Summer walk to a body of water. p. 70.
- Sizenko, Z. - Stories about plants. p. 75.
- Kharchenko, Z. - Belief in the power of training unites them. p. 77.
- Nanush'ian, S. - What a kindergarten can be like. p. 80.
- Shekhtova, M., Beidnikova, G., Khromova, N. - Contribution of the Novosibirsk Province residents to children. p. 85.
- Suvorova, A. - Life of rural kindergartens. p. 91.
- Pozorov, P. - From the children's first steps. p. 92.
- Solov'eva, A. - Let's build quicker and better. p. 93.
- Barysheva, N. - With the teachers of Leningrad kindergartens. p. 95.
- Tarshis, E. - Schools for tots in Great Britain. p. 96.
- Golovenchits, B. - There was once a hare. p. 99.
- Vol. 30, no. 9, Sep 1965.
- Table of contents translated:
- Let's start creative work with renewed effort. p. 3.
- Zaluzhskaya, M. - Third international seminar. p. 6.
- Solov'eva, O. - Preparatory groups. p. 8.
- Lebedeva, Z., and others - Arithmetic in kindergarten. p. 12.
- Loginov, S., Chernavskaya, V. - Calendar of nature. p. 20.
- Leushina, A. - From the history of the methods of teaching arithmetic. p. 25.
- Mazell, T. S. - Mother of eleven Communists. p. 31.
- Strakach, I. U. - Educational traditions of the peoples of Siberia. p. 35.
- Beresnevich, E. - Getting acquainted with the world. p. 40.
- Shakhova, L. - Seminar of music teachers... p. 50.
- Ivanov, I., Shokhel, M. - Salaries of the preschool institution workers. p. 52.
- Motlov, N. - The plan and diary of a music teacher. p. 54.
- Vedrasheko, V. - Out of apples. p. 57.
- This is not good Russian. p. 59.
- Karbovelskaya, V. - Unusual boy. p. 61.
- Dombrovskaya, A. - Let's jointly train them in diligence. p. 64.
- Vorob'eva, A. - "Difficult" parents. p. 65.
- Karasev, N. - As you sow so shall you reap. p. 67.
- Il'in, O. - Why people speak different languages. p. 68.
- Mikhailov, N. - Across our homeland. p. 72.
- Kharchenko, Z., Minina, I. - Much depends upon them. p. 77.
- Oldest worker in preschool education. p. 79.
- Tatishcheva, E., Stolbova, E. - Supervisors of kindergartens. p. 81.
- Blokhina, N. - Children's institutions of Angarsk. p. 85.
- Vikhrova, L. - We liked it! p. 88.
- Maksimov, I. U. - Refurbishing of the interiors. p. 81.
- In the Ministry of Education of the R.S.F.S.R. p. 84.
- Solov'ian, N., Lobanova, L. - From the pages of the periodicals "Neue Erziehung im Kindergarten" and "Predskolska vychova." p. 86.
- Volus'ko, V., Zinchenko, N. - Wood that came to life. p. 90.
- Svirskaya, I. - "...And we, Malchishki, should only play sticks and jump ropes?..." p. 110.
- This is also instructive. p. 116.
- Fedorova, N. - Is the child E. Nedeva right? p. 117.
- Chernyshev, I. U. - Books in my life. p. 118.
- Korotkova, E. - Children and books. p. 122.

B. EDUCATION

a. GENERAL

DOSHKOLOVOE VOSPIITANIE [PRESCHOOL EDUCATION] Issued by Ministerstvo prosvetshcheniya RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 38, no. 7, July 1965.

- Table of contents translated:
- Children's health as the main concern of parents and teachers. p. 3.
- Solov'ev, K. - Children in the Marx and Engels families. p. 6.
- Nemenskii, B. - Children draw. p. 11.
- Koval'skaya, E. - Our life in children's drawings. p. 13.
- Bogdanova, M. - Our homeland in children's drawings. p. 19.
- Vedeneva, T. - Azerbaijani ornament in decorative art. p. 17.
- E. K. - Decorative drawing on the motives of Ukrainian folk art. p. 19.
- Loftnar, E. - Applications. p. 20.
- Dombrovskaya, A. - We teach children the conservation of nature. p. 22.

KUL'TURNO-PROSVETITEL'NAIA RABOTA [CULTURAL AND EDUCATIONAL WORK] Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, vol. 20, nos. 10-11, Oct.-Nov. 1965.

LITERATURA PO PEDAGOGICHESKIM NAUKAM I NARODNOMU OBRAZOVANIU [LITERATURE ON THE PEDAGOGICAL SCIENCES AND PUBLIC EDUCATION] Apr.-June, 1964 Issued by Gosudarstvennaya biblioteka po narodnomu obrazovaniiu [State Library of Public Education]. Moscow, no. 2(55), 1965.

VAROJNOE OBR'ZOVANIE [PUBLIC EDUCATION].

Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.], Moscow, no. 10, Oct. 1965.

Table of contents translated
Let's make businesslike and more responsible in solving pedagogical problems p. 1
Petrov, L. - Extracurricular time and the all-round development of children p. 8
Kirsanov, A. - Improved quality of teaching is the main prerequisite for overcoming the repetition of a school year p. 16
Good initiative and useful activities pp. 21, 23
Korotkiy, I. - Concern of the Communist Party for professional and technical education p. 23
Volkov, L. - Logopedic training of teachers p. 30
Lyubimov, I. - Confirmed by practice p. 33
Koshin, V. - Success will not be long in coming p. 35
Stankin, M. - Let's improve the physical education and training of students p. 42
Kamurin, A. - Where they teach in a new way (to be concluded) p. 45
Vagapov, Sh. - Elements of programming and its results p. 52
Mikhailov, G. - Consult your textbook more frequently p. 56
Rudovskiy, S. - Let's not make a game out of independence! p. 58
Nozinskiy, L. - Group solves new problems p. 60
Azarov, Yu. - You are going to sing in a chorus p. 63
Baranov, O. - Discussing motion pictures p. 66
Volkov, S. - Children's railroads p. 69
Solov'eva, E. - Let's get acquainted with the Endone school p. 71
Vil'tsina, E. - School library and teachers p. 74
Znamenskiy, Yu. - You should know about it! p. 76
Vlasik, A. - Screen in a chemistry study room p. 78
Kashmurskiy, P. - Difficult position p. 81
Mazur, P. - What to check and how to check p. 82
Alzerman, L. - Dogmas and life p. 84
Razumovskaya, M. - Let's hurry in getting acquainted! p. 88
For the notebook of a principal and the head of the teaching department p. 89
Plekhanov, A. - Bright star p. 90
Sorokovoy, A. - D. I. Pisarev in the "Rassvet" periodical p. 94
Osipova, M. - New in the teaching of mathematics in elementary schools of the German Democratic Republic p. 98
Trotsenko, I. - Two surveys conducted in the rural schools of the Federal Republic of Germany p. 99
Kirillov, M. - Prisoner of the "Peace Corps" p. 100
Tybany, Andor. - Against the repetition of a school year p. 103
Savina, A. - In the periodicals of our friends p. 113
Pedagogical life of the capital p. 116
Lebedeva, A. - Repetition of a school year retreats p. 119
For the creative study of literature in schools p. 121
Stepinoy, I. - Traditional mathematical Olympiad p. 123
Dormitories at schools p. 124
Let's give more attention to the schools for deaf, blind and mentally handicapped children p. 125
Let's improve the medical and hygienic service to students p. 125
Pavlova, L. - Toys visited the Pioneers p. 126
Noteworthy dates p. 127
Nellubin, N., Lushnikov, A. - Let's develop the world view of students. Supplement.

NOUKOGUDE KOOL [SOVIET SCHOOL]. Issued by Eesti Nourkogude Sotsialistliku Vabariigi Haridusministeerium [Ministry of Education of the Estonian S.S.R.] Tallinn, no. 11, Nov. 1965 [In Estonian]

RADIANS'KA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrainy'koï RSR [Ministry of Education of the Ukrainian S.S.R.] Kiev, vol. 44, no. 6, June 1965

Table of contents translated
Hryshenko, M. M. - Who studies the pedagogical problems of institutions of higher learning? p. 1
Korol'chuk, O. P. - Wishes, possibilities, and responsibility p. 5
Kuz'menkov, V. K. - Effective means of will power training in students p. 11
Lukavets'kiy, V. I., Malanuk, M. P. - Perforated cards in mathematics classes p. 17
Kovalenko, V. H. - Elements of programmed instruction in mathematics classes p. 21
Raleva'kiy, O. M. - Some suggestions for the work of parents' university p. 23
Khmeluk, V. I., Symonenko, M. K. - Department of pedagogics and parents' university p. 27
Derkach, O., Mezzeria, O., Pylipenko, V. I. - Students' department of Pioneer work p. 28
Ponomareva, R. O., Tkachenko, V. H. - Developing the thinking of primary school students during manual training classes p. 31

Selivanov, D. P. - Differentiated work during the teaching of arithmetic p. 38
Vinnyk, S. I., Chulov'skiy, H. A. - There should not be any lagging students p. 40
Hryshal, I. A. - Training of initiative and independent activity in Pioneer detachment p. 42
Honenchenko, V. A. - Communist Youth League organization and work training of students p. 16
Akhmatov, O. F. - Emotionality in the work training of students p. 48
Isichenko, B. P. - Let's enrich students' work by intellectual content p. 54
Blednyi, H. Z. - Schedule and productivity of work p. 57
Drubol, M. P. - School tourism and the prerequisites for its development p. 59
Lutalenko, V. S., Zhurikov, I. E. S., Zakharchenko, M. V. - For creative cooperation between teachers and motion picture producers p. 62
Mykhalev'skiy, A. V. - Tips in mathematics p. 68
Levchenko, I. P. - On the right path p. 75
Steinberg, I. L. - When the lesson is perceived by the mind and by the heart p. 78
Khvyi, M. M. - Training of communist morals in social science classes p. 83
Kostenko, M. O. - Study the teacher's work thoroughly and subjectively p. 87
Korshak, I. E. - Universal generator of electromagnetic vibrations p. 93
Ilymakova, N. O. - Sanitary and hygienic training of students p. 97
In the Ministry of Education of the Ukrainian S.S.R. p. 105
Leschenko, N. - First summary conference of educators p. 107
Mishchenko, I. S. - All teachers should use progressive practices p. 110

Vol. 41, no. 10, Oct. 1965.

Table of contents translated.
Dmytish, V. M. - For high quality of school supervision p. 1
Synytsia, I. O. - Our relations with students p. 7
Vekale, S. I. - Empirical orientation basis as an important condition for the development of new concepts p. 15
Practice and prospects of programmed instruction in the Ukraine p. 20
Puzanov, M. P. - Programmed instruction in vocational and technical schools p. 23
All-Union conference on programmed instruction p. 28
Tkachenko, V. H. - Manual training in the 1st grade p. 29
Druz', B. H. - Prolegedetic exercises on the solving of arithmetical problems by means of equations p. 35
Fedorenko, M. V. - Aid for the firstgraders p. 41
Mukhina, V. S. - Characteristics of the aesthetic perception of reality by children p. 43
Bulavats'kiy, M. M. - Let's prepare students for written examinations in mathematics p. 50
Chaschko, L. V. - Art of cinematography and the training of children p. 56
Koltsenky, F. V. - Aesthetic literature in chemistry classes p. 62
Prykhorov'skiy, V. M. - New traditions enter life p. 67
Pryslazniuk, K. F., Tatenko, O. S. - Urgent problems of the work of schools with longer hours p. 70
Boiko, M. F. - Improving the qualifications of school supervisors p. 74
Mazur, P. I. - The school principal questions students p. 79
Trakhtenberg, I. M. - Problems of hygiene in laboratory work p. 83
Vodop'ianov, Yu. M. - Vocational trend in the course on the theory of arithmetic in normal schools p. 88
Minzberg, N. M., Fedorenko, P. S. - Talks about our Soviet society p. 92
Shymans'kiy, I. I. E., Silepuk, Z. I. - Derivative and its geometrical meaning p. 99
Dumin, B. I. A., Lapko, M. V. - Dictionary of geographical names p. 108
Republic-wide survey of schools and children's institutions p. 109
Petrov, D. - Discussing the practice and prospects of tourism and the work on local geography p. 110

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia "Blumfeten" [Ministry of Higher and Secondary Specialized Education] Bulletin Moscow, nos. 10-11, Oct.-Nov. 1965.

SEM'IA I SHKOLA [FAMILY AND SCHOOL]. Issued by Akademii pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.] Moscow, vol. 20, no. 9, Sep. 1965.

Table of contents translated
First day of the calendar p. 1
Slavina, L. - You have a firstgrader p. 2
After the passing day p. 7

Tsesarskiy, I. - Our "home" teachers p. 17
L'vov, Sergei. - A few words about my teachers p. 18
Akinova, Alla. - Letters from Kiev p. 21
Kostenko, Yu. - "School work" in Pyatigorsk p. 23
Much that is new and interesting p. 24
Ushakov, K. D. - School discipline p. 25
Uvarov, V. - Ashtomsk's Iron Works Street p. 26
Sherbakov, V. - Hypothesis, search, and conclusion p. 27
Mikhailova, V. - If their father went away... p. 32
Osipova, L. - Great world of Sachin p. 33
Kas'ko, I. - Family cooking p. 34
Nemits, N. - What to wear in the fall p. 41
Gel'man, E. - Instructional games p. 18
Gel'man, Yu. - Fish that dream p. 42
Koshlov, P. - Giant out of cardboard p. 44

SRI DNEI SPETSIAL'NOE OBR'ZOVANIE [SPECIALIZED EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia RSFSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.] Moscow, vol. 12, no. 9, Sep. 1965

Table of contents translated
Technicians should have a thorough knowledge of economics p. 1
Mal'ko, V. I. - How we plan our educational work p. 5
Moroz, L. I. - Teaching the course on "Technical innovations" p. 8
Pisetskiy, M. D., Korzhov, I. A. - Let's teach them to read design data within the school walls p. 12
Doroshov, V. I., Doroshov, D. M. - Cases of the "UKM-2" type controlling machines p. 14
Zhigalov, I. S. - Repetition as an independent element of education p. 16
Orlov, V. I. - Methods of conducting the introductory and review classes p. 18
Livshits, M. L. - First term project for compound over students p. 23
Maslov, Kh. - Education of workers at the technical schools of Turkmenia p. 29
Pavlov, A. V. - Stimulating the student groups p. 28
Korolev, N. S. - Training of students in the course of productive work p. 34
Koveshnikov, V. T. - Aesthetics in mathematics p. 36
Korotkov, D., Simkin, R. - Technical school and base factory p. 38
Rodzovich, L. V. - Manufacturing of merchandise p. 41
Brief news from abroad p. 45
Gimman, V. I., Shlapin, L. - Good friend and sympathetic adviser p. 48
Maly, L. - New educational motion pictures p. 51
Konoplev, K. - How they spend their vacations p. 52
Conference on theory and practice p. 55

SHKOLA I PROIZVODSTVO [SCHOOL AND INDUSTRY]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.] Moscow, vol. 9, no. 8, Aug. 1965

Table of contents translated
Let's improve the program for work training p. 3
Pimenov, Yu. S. - Cultivate their independence p. 7
Matishin, V. I. - Creative thinking of students p. 11
Futina, L. A. - Planning the work class p. 14
Barukov, I. G., Kachev, V. I. - Organizing the work training p. 16
Antonov, L. P. - Instruction in wood planning p. 19
Pleinev, V. S. - Students' work during the Great Patriotic War p. 22
Trukhin, Yu. V. - Regional economic councils and schools p. 24
Kharitonov, V. F. - Training in our school workshop p. 27
Prostokhin, G. K. - Training workshop of the Urals Machinery Plant p. 31
Sidel'nikova, I. S. - Studying the soil acidity p. 33
Pozhogin, A. I. - Innovative work of students p. 35
Vasilenko, E. A. - M. I. Kalinin on the graphic training of students p. 37
Vladimirov, I. A. V. - Visual aid for modelmaking in mechanical drawing classes p. 39
Chainik, B. M. - TV-4, a new view-cutting lathe p. 44
Uspasskiy, P. P. - Some advice on making a molding p. 54
Nazarinov, L. V. - How to make a molding p. 56
Golbatov, K. S. - Wedge making device p. 57
Petukhov, F. F. - Electric apparatus for pyrography p. 59
Soyinov, A. I. - Students get acquainted with motors p. 62
Iakubik, N. F. - Establishing work norms for students p. 64
Scholars and engineers p. 65
Frenkel', Yu. Sh. - In the Moscow Municipal Institute for Raising the Qualifications of Teachers p. 68
Korchinskiy, E. K., Dobyshov, A. M. - Important means of improving student training p. 72
Curriculum of elementary, eight-year and secondary schools for the 1965-1966 school year p. 75
Kashin, M. - Content and organization of work training in the seventh grades of eight-year and secondary schools in 1965-1966 school year p. 76
Usov, P. V. - Classification of couplings p. 77

- Zamalin, V.S. - Attention, standards! p. 79.
 Trajer, Josef, and others. - Club work. p. 80.
 Gancheva, T.D. - Cooperation between schools and the institute p. 89.
 Dub, A.F. - Cooperation between scientists and students. p. 93.

Vol 9, no. 10, Oct 1965

Table of contents translated:

- Extracurricular vocational training should be introduced into every school! p. 3
 Polakov, V.A., Figanov, I.S. - Serious talk about serious things p. 5.
 Kulikov, V.N. - Let's raise the technical creativity of students to a new level p. 12
 Drazdov, L.N., Pal'tseva, A.N. - Work training of rural students p. 25
 Plekhanov, A.V. - D.I. Pisarev on work education p. 32
 Shastina, E.P. - Labor relations of adolescents p. 36
 Muzlayev, Kh. - Grading the work. p. 40
 Bulotin, N.M. - Training in the use of a slide gauge. p. 44.
 Likhobabina, N.P. - Aesthetic training of students in home economics classes p. 46.
 Aleksandrovskii, V.A. - Students' work in student brigades p. 50
 Zak, N.I. - Training the students to be active p. 53
 Fedotuk, F.D. - Educational work in a production and training workshop p. 55.
 Gorman, T.V. - Mechanical drawing classes. p. 57
 Kholmakova, O.V. - Teaching to read mechanical drawings according to assignment cards. p. 59
 Demidenko, I.P. - Equipment for the mechanical and art drawing study room p. 65
 Mitrofanov, N.M. - Disk scissors p. 68
 Khilenko, N.V. - Mold for casting the stock of wing nuts. p. 72.
 Asanov, N.I. - Improving the brace during its repair. p. 73.
 Vettig, Vol'fgang - Device for the demonstration of mechanisms p. 75
 Tarasov, V.M. - Notes on programmed instruction p. 79.
 Veisman, A.D. - At the sources of our steam navigation p. 86
 Zavgornodnits, T.P., Pivnev, G. - Work training should be retained p. 93.
 Korchnitskii, E.K., Golub, B.A., Penkovich, G.IV. - Content of work training. p. 94
 Scientists and engineers p. 95.

SHKOLA-INTERNAT [BOARDING SCHOOL] Issued by Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R.S.F.S.R.] Moscow, vol. 5, no. 6, Nov.-Dec. 1965.

SKOLA UN ĢIMENE [SCHOOL AND FAMILY] Issued by I.P.S.R. Izglitibas ministrija [Ministry of Education of the Latvian S.S.R.] Riga, nos. 8(20)-9(21), Aug.-Sep. 1965 [In Latvian]

SOVET MAKTAH [SOVIET SCHOOL] Organ of Ministerstvo prosveshchenia Uzbekskoi SSR [Ministry of Education of the Uzbek S.S.R.] Tashkent, nos. 9-10, Sep.-Oct. 1965. [In Uzbek]

VECHERNIAIA SREDNIAIA SHKOLA [EVENING SECONDARY SCHOOL] Issued by Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R.S.F.S.R.], Moscow, vol. 8, no. 5, Sep.-Oct. 1965.

Table of contents translated:

- Let's improve educational work. p. 3.
 Chirva, A.N. - In the struggle for compulsory education. p. 7.
 Mavlutova, O.P. - For those who work and study. p. 11.
 Brazhnik, L.T. - Correspondence education in the Far North. p. 12.
 Kruzina, N.I.A. - Change is justified. p. 14.
 Popova, M.K. - "Letopis'." p. 16.
 Zhukov, V.M. - Vocational training in foremen's classes. p. 17.
 Rabinovich, M.D. - Joint classes. p. 20.
 Polakov, I.U.P. - Industrial and everyday experience of students in social science classes. p. 22.
 Stegmanis, A.I.A. - Let's acquaint them with dialectic. p. 25.
 Ratnikov, I.A. - Working with the social science textbook. p. 28.
 Zakharov, M.F. - Exposing religious dogmas in social science classes. p. 30.
 Nikanorova, E.I. - Class and home work in history. p. 33.
 Parfon'ev, V.K. - Working on mistakes in style. p. 37.
 Shapochkina, G.N. - Independent work during the study of syntax. p. 41.
 Mzikovskaya, G.A. - Meditations of the Russian language teacher. p. 45.
 Tkachenko, N.I. - Problems of mechanical drawing classes. p. 48.
 Gutman, D.M. - Methods of teaching mechanical drawing. p. 49.
 Korotkov, N.A. - Independent work in mechanical drawing classes. p. 51.

- Zhupachin, E.B. - Improving vocational qualifications in mechanical drawing classes. p. 52.
 Roltman, I.A. - Marking dimensions on mechanical drawings. p. 55.
 Eldeib, L.M. - Educational significance of mechanical drawing. p. 61.
 Zhombavskii, P.F. - Mechanical drawing Olympiad. p. 63.
 Kamenskii, D.N. - Let's improve the teaching of mechanical drawing. p. 66.
 Selevko, G.K. - Combining training with productive work p. 67.
 Vainshtain, K.E. - Can we overcome our difficulties? p. 70.
 Levenko, I.F. - What do we want our school to be? p. 72.
 Polakov, V.A. - Evening schools and their problems. p. 75
 Kulagin, P.G. - What should an evening school be like? p. 79.
 Bondarenko, S.M. - Do we need an oral examination in the Russian language? p. 84.
 Abramkin, S.N. - Questions and answers. p. 85.
 Dolgov, V.G. - To ensure a regular attendance.... p. 90.

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION] Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.] Moscow, vol. 23, no. 10, Oct. 1965

Vol. 23, no. 10, Oct. 1965.

Table of contents translated:

- Let's train convinced partisans of communism. p. 3.
 Parail, V.A., Petrov, L.P. - Work programs as an important element of planning. p. 3.
 Trush, I.Kh., Iaroslavimov, M.E. - To improve pedagogical efficiency. p. 13.
 Rzhondovskii, R.P. - Let's set rigid norms for the volume of homework. p. 15.
 Torochesnikov, N.S. - Problems of the institutions of higher learning at the 9th Mendeleev Congress; work of the symposium on higher chemical education. p. 17.
 Karпов, K.B. - We are creating a standard set of equipment for the foreign language study rooms. p. 23.
 What they spoke about at the conference on educational television. p. 29.
 Now educational motion picture. p. 33.
 Shenderova, R.L. - Let's inculcate the skills of meaningful reading. p. 34.
 Nazarov, N.I. - Selectivity, rhythm and creative atmosphere determine the success. p. 39.
 Talati, G.M., Mazurenko, V.D. - When they develop a taste for research. p. 42.
 In the institutions of higher learning of our country. p. 46.
 Inozemtsev, A.A., Sheshtakov, S.V. - Scientific seminars on genetics and Darwinism. p. 46.
 Kulaev, K.V., Iakovlev, B.V., Karnovskii, A.I. - First steps of the Institute of the Scientific Organization of Work. p. 53.
 Palei, A.B. - Photographic service of the sky. p. 56.
 Pervomaklil, A.I. - Public activities of future teachers. p. 60.
 Zhuravlev, S.K., Kravchuk, V.I. - An invariably exciting topic. p. 63.
 Kovalev, F.M., Semenov, G.S. - Work of the council of war veterans. p. 65.
 Sharygina, I.S., Smolina, E.L. - Attention! Forladda! p. 66.
 Fedorov, A.B. - "Politekhnik," a student motion-picture periodical. p. 69.
 Prilepki, D.K. - So-called problem lectures. p. 71.
 Ulanovskaya, M.A., Rastorguova, N.V. - More on the alliance of philosophers and natural scientists. p. 74.
 Volkov, R.V., Topov, A.G. - How to improve the training of teachers of scientific communism; notes of students of the Institute for Improving the Qualifications of Social Science Teachers. p. 76.
 Ogtobin, D.M. - The 200th anniversary of the mining academy of Freiberg. p. 78.
 Facts and figures. p. 81.

ZHYTTIA I SHKOLA [LIFE AND SCHOOL] New Haven, vol. 11, no. 7/10(97-100), Sep.-Dec. 1965

b. PHYSICAL EDUCATION & GAMES

FIZICHESKAIJA KULTURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS] Issued by Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R.S.F.S.R.] Moscow, nos. 10-11, 1965.

FIZKULTURA I SPORT [PHYSICAL EDUCATION AND SPORTS] Organ of Tsentral'nyi Sovet Sojuz sportivnykh obshchestv i organizatsii SSSR [Central Council of the Union of Sports Associations and Organizations of the U.S.S.R.], Moscow, nos. 9(807), 11 (808), Sep., Nov. 1965.

KEHA KULTUUR [PHYSICAL CULTURE] Organ of Eesti NSV Sportühingute ja -organisatsioonide Liit [Union of Sports Associations and Organizations of the Estonian S.S.R.] Tallinn, vol. 26, nos. 17(530), 21 (534), Sep., Nov. 1965 [In Estonian]

LEGAIA ATLETIKA [TRACK AND FIELD ATHLETICS] Organ of Tsentral'nyi sovet Sojuz sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.] Moscow, vol. 11, nos. 9(124), 11(126), Sep., Nov. 1965

SHAKHMATNYI BULLETFEN [CHESS BULLETIN] Organ of Shakhmatnaja federatsija SSSR [Chess Federation of the U.S.S.R.] Moscow, vol. 11, nos. 10-11, Oct.-Nov. 1965

SHAKHMATY [CHESS] Issued by Sojuz sportivnykh obshchestv i organizatsii i Shakhmatnaja federatsija Latvialai SSR [Union of Sports Associations and Organizations and the Chess Federation of the Latvian S.S.R.], Riga, nos. 18(136)-19(138), Aug.-Oct. 1965

SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.] Organ of Shakhmatnaja federatsija SSSR [Chess Federation of the U.S.S.R.] Moscow, vol. 42, no. 10, Oct. 1965.

SPORTIVNAIA ZHIZN' ROSSII [SPORT LIFE IN RUSSIA] Organ of Vostochnitskii sovet Sojuz sportivnykh obshchestv i organizatsii [All-Russian Council of the Association of Sports Societies and Organizations] Moscow, vol. 9, no. 11, 1965

START Organ of Rada Sojuz sportivnykh tovarystv i organizatsii Ukrainy kol RSR [Council of the Union of Sports Associations and Organizations of the Ukrainian S.S.R.] Kiev, nos. 7, 9-10, July, Sep.-Oct. 1965

TEORIJA I PRAKTIKA FIZICHESKOI KULTURY [THEORY AND PRACTICE OF PHYSICAL CULTURE] Organ of Tsentral'nyi sovet Sojuz sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.], Moscow, vol. 28, no. 8, Aug. 1965.

Table of contents translated:

- Festival of strength, beauty and health. p. 1.
 Pecherskii, N.V. - Training in the skills of public self-government. p. 4.
 Rudik, P.A. - Psychophysiological mechanisms for overcoming the difficulties in sport competitions. p. 8.
 Tumanian, G.S. - Methods of studying the intensity of competitive exercises in sports tournaments and individual competitions. p. 11.
 Nabatnikova, M.I.A. - Studying the strength of expiration in swimmers during training. p. 14.
 Vainshtoin, A.L. - Speed of a table tennis player's hand movement in striking the ball. p. 16.
 Makarenko, I.P. - Studying the respiration and heart activity of a swimmer during speed swimming. p. 17.
 Dorofeev, V.F., and others. - Developing speed qualities in adolescents during the training in shell rowing. p. 20.
 Rodionov, A.P. - Materialistic aesthetics and physical education. p. 23.
 Fedorov, V.L., Zhuravleva, N.V., Panchenko, E.M. - Determining the individual phases of movements by means of radio telemetry. p. 28.
 Zhukov, A.A. - Efficiency increasing factors in strength exercises during endurance training. p. 30.
 Kulik, N.G., Miroshnikov, E.A., Almazov, I.U.A. - Pulse summator, a device for the evaluation of training loads. p. 33.
 Ruginov, R.M. - Use of energy characteristics of various gear positions. p. 35.
 Sinakov, I.U.P. - Olympian Mexico. p. 38.
 Kriukov, D.S. - First results of the work of athletic clubs. p. 45.
 Usachev, E.S. - Sports and health camps in Moscow region. p. 49.
 Zholdak, V.I., Tishchenkov, C.P. - Organizing practical sociological research on physical education and sports among workers. p. 50.
 Pavlovskii, V.P. - Work and leisure. p. 54.
 Novikov, A.A., Lents, A.N. - Development of methodological and scientific trends in wrestling. p. 58.
 Zorkin, I.F. - Programmed instruction in the "Psychology" course. p. 62.
 Sinai, N.D. - Efficiency dynamics of cyclists depending on their typological characteristics. p. 64.
 Khenkov, R.I.A. - Practice as an important form of the educational process. p. 66.
 Gorkan, V.L. - Physical education and training abroad. p. 70.
 Muravov, I.V. - Problems of sports medicine in the physical education movement. p. 75.
 Muravov, I.V. - Second Conference on Methods of the Council of Athletic Clubs and Organizations Association of the Tajik S.S.R. p. 77.
 Stakene, V. - Republic-wide conference on the physical perfecting of man. p. 79.

Vol. 28, no. 9, Sep. 1965

- Table of contents translated
- Facing the new school year. p. 1.
- Shakhverdov, G. G. - Physical exercises improve mental and physical efficiency. p. 4.
- Iakovlev, V. G. - Training of physical capacities in school children. p. 9.
- Ozolin, N. G. - Dynamics of the excitation of the nervous system in athletes. p. 16.
- Muravov, I. V. - Characteristics of the effect of active leisure on the functioning of the cardiovascular system in connection with age. p. 19.
- Kvartskina, L. K., Gudekova, I. S., Nemyshchik, G. P. - Immunobiological state of the organism under heavy loads. p. 24.
- Panov, V. P., Grankin, V. P. - Effect of classical wrestling on the organism of adolescents. p. 26.
- Tretlova, T. A. - Nervous system of adolescents taking part in sports. p. 28.
- Finkel'shtein, A. N., and others. - Physical training of students with rheumatic heart disease. p. 30.
- Gorban', A. P. - Developing the skill of space perception in primary school students. p. 32.
- Maikarova, T. N. - Functional state of the neuromuscular system of young track athletes. p. 35.
- Lukashevich, I. U. K., Petrov, B. A. - Repeated loads of high intensity as a method of studying the specialized training of young swimmers. p. 36.
- Gorgadze, M. A. - History of physical education as an important means of the ideological training of Soviet athletes. p. 40.
- Kleine, L. - Philosophy of life and the theory of physical education and training in West Germany. p. 43.
- Polikarpov, E. L. - Work on physical education. p. 47.
- Grossman, V. A., Khodakov, N. M. - Some results of the work of athletic gymnastics groups. p. 49.
- Poruchikov, E. A. - Methods and efficiency of the instruction in rowing for the middle aged. p. 52.
- Priatkin, P. V., Andreev, E. T., Brokovich, S. V. - Physical preparedness of students entering the institute. p. 55.
- Ukrain, M. L. - Technical training of gymnasts. p. 59.
- Genov, Filip. - Sports training and its main trend in various forms of sport. p. 63.
- Rudik, P. A. - First International Congress on the Psychology of Sports. p. 66.
- Filsak, Jiri. - Abdominal respiration, posture and general physical development of Czechoslovak children. p. 69.
- Shishmareva, A. A. - Results of the plenum. p. 73.
- Markus, F. G. - Sixth Anniversary Conference on Sports Medicine and Physical Therapy of the Estonian S.S.R. p. 75.
- Kagan, G. D., Slonimskii, L. A. - Conference on sports. p. 77.
- Fomin, N. A. - Important problems of physical education. p. 78.

Vol. 28, no. 10, Oct. 1965.

- Table of contents translated
- Kukushkin, G. I. - Physical education and training and the scientific technological progress. p. 1.
- Demeter, G. S. - Forge of physical education teachers in the eastern part of the country. p. 11.
- Tsadikevich, I. A. - Athletic clubs in the struggle for the expansion and high quality of physical education. p. 14.
- Laroslavtsev, V. L., Korytov, L. I., Iakushchik, S. F. - Functional state of athletes during their travels to competitions in distant places. p. 10.
- Bregman, M. A., Evstafiev, V. A., Ivanova, L. V. - Efficiency of racing skiers on ski rollers. p. 22.
- Stepanov, A. A. - Use of special exercises during the training of young skiers in ski jumps from a springboard. p. 27.
- Zun, V. P., Pavulson, I. I. A. - New method of measuring the pH of saliva. p. 31.
- Stepochkina, N. A. - Blood pressure in athletes undergoing training for prolonged exercise. p. 33.
- Riabichev, V. A. - Research on the labyrinthine function of deaf students. p. 36.
- Khachaturov, R. S. - Functional state of the cardiovascular system of gymnasts. p. 38.
- Sokolov, L. N. - Causes for the lagging of a jerk. p. 41.
- Matova, M. A. - Comparative analysis of some parameters of sensorimotor functions in athletes. p. 45.
- Lakshin, A. M. - Use of artificially ionized air in sports. p. 49.
- Pyshniak, E. I. - Balistocardiography as a method for studying hemodynamics in athletes. p. 50.
- Rodionov, A. V. - Individual characteristics of the formation and reorganization of a dynamic stereotype. p. 52.
- Umland, B. - Athletes of the German Democratic Republic in the struggle for peace and mutual understanding among peoples. p. 56.
- Karaganova, I. V. - Physical education and training of textile industry women workers at work and in private life. p. 61.
- Iushin, A. I. - Effect of sports on labor productivity. p. 63.
- Safin, R. S. - Applied professional training in physical education of the students of pedagogical institutions of higher learning. p. 66.

- Polovtsev, V. G., Babinov, E. P., Sanachev, L. M. - Development of motor skills in the beginning ice skaters. p. 68.
- Fortus, B. G. - Prevention of some dermatoses in young athletes. p. 70.
- Emchuk, I. F. - Use of hydrobrakes in shell rowing. p. 72.
- Askerov, A. A. - All-Union forum of the workers in sports medicine and physical education. p. 76.
- Belov, R. A., Dolenko, F. L. - Interuniversity conference on physical education, anatomy, and physiology of sports in Gorkiy. p. 77.
- Dobrovolskiy, V. K., Trofimov, V. A. - Prevention and treatment of sports accidents. p. 78.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

- ISKUSSTVO KINO [CINEMA ART]. Organ of Ministerstvo kul'tury SSSR and Soluz rabotnikov kinematografi SSSR [Ministry of Culture of the U.S.S.R. and of the Association of Cinematographic Workers of the U.S.S.R.]. Moscow, vol. 35, no. 10, 1965.
- Table of contents translated:
- Baranov, O. - Motion pictures in our lives. p. 1.
- Chikhaldze, Rezo. - Meaning of work. p. 11.
- Avdiushko, Viktor. - Seriousness. p. 12.
- Arnshtam, Lev. - On our profession. p. 14.
- Egorov, Iurii. - Step of youth. p. 16.
- Almanov, Shaken. - Turning to friends. p. 17.
- Shneiderov, Vladimir, Makhnach, Leonid, Shaprov, M. - What disturbs the studios? p. 20.
- Motion pictures and the audience. p. 28.
- L'vov, Sergei. - No harm in laughing. p. 33.
- Bogomolov, I. U., Kushnir, M. - Romance and prose. p. 42.
- Roshal', M. - Storyteller Aleksandr Rou. p. 45.
- Chernysheva, I. - Works of Mark Magidson. p. 51.
- Shvets, Vladimir. - Sore youth. p. 55.
- Gorbunova, E. - New kind of literature. p. 60.
- Veitsman, E. - On the view of an artist and the analysis of a critic. p. 68.
- Slavin, Konstantin. - "Everyone rests in his own way." p. 72.
- Shirina, I. U. - "... In his own words." p. 75.
- Rondeli, L. - "Kadzhana." p. 81.
- Turovskaya, M. - "The red desert." p. 86.
- Paramonova, K. - "The white Moor." p. 91.
- Vaisfel'd, I. - "Unworthy old lady." p. 94.
- Maklarskiy, Mikhail. - "The assassination." p. 98.
- Matushevich, V. - "My home is Copacabana." p. 100.
- Khiplankina, T. - "Prometheus from the island of Visevika." p. 104.
- Urenev, R. - Three Japanese films. p. 106.
- Valutskiy, V., Viktorov, V. - Chief of the Chukchi; a screenplay. p. 119.

KINOMEKHANIK [MOTION-PICTURE OPERATOR].

Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po kinematografii [State Committee of the Council of Ministers of the U.S.S.R. for Motion Pictures]. Moscow, no. 11, Nov. 1965.

SOVETSKII EKRAK [THE SOVIET SCREEN]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po kinematografii and Soluz rabotnikov kinematografi SSSR [State Committee of the Council of Ministers of the U.S.S.R. for Motion Pictures and the Union of Motion-Picture Workers of the U.S.S.R.]. Moscow, nos. 19(211)-20(212), 21(214), Oct.-Nov. 1965.

TEKHNIKA KINO I TELEVIDENIYA [MOTION-PICTURE AND TELEVISION ENGINEERING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po kinematografii [State Committee of the Council of Ministers of the U.S.S.R. for Motion Pictures]. Moscow, vol. 9, no. 10, Oct. 1965.

- Table of contents translated:
- Denisov, I. N., Zakharov, I. P., Lebedeva, M. D. - The SECAM color television system. p. 1.
- Britanishskii, R. G. - Receiver of the SECAM color television system. p. 11.
- Ryfin, I. A., Polosin, L. L. - Observation of the active part of the electron beam in tubes with charge accumulation. p. 19.
- Katukhin, V. E. - Correction in a video amplifier. p. 20.
- Kulikovskii, I. U. P. - Determining the information characteristics of contour images. p. 25.
- Kozlov, B. L. - Television microscopy in biology. p. 28.
- Gol'shtein, L. G. - New view finder system for motion-picture cameras. p. 35.
- Novopashin, V. V. - Relationship between vision characteristics. p. 38.
- Prosvirnin, G. I. U. - Graphoanalytical method for the design of film pull-through tooth sprockets. p. 44.
- Kilinskiy, I. M. - Formula calculations of an emulsion by its given characteristics area. p. 54.
- Lazareva, A. N., Peli, V. G. - Composition of the lighting equipment of motion-picture studios. p. 57.

- Deibisher, T. V. - Possible indices of the technical and economic efficiency of motion-picture projectors with various light sources. p. 60.
- Shmakov, A. G. - Some causes of image registration failure in imbibition negatives. p. 63.
- Andreev, V. - Compensation of the decrease in dumping pulses. p. 66.
- Iofin, E. A. - Image on reversal films. p. 68.
- Abstracts. p. 81.
- Ivannov, D. T. - Book on the fundamentals of motion picture techniques. p. 88.
- Varbanskii, A. M. - Discussion on the selection of color television systems at the conference of the International Radio Consultative Committee. p. 91.

Vol. 9, no. 11, Nov. 1965.

- Table of contents translated:
- Gol'tsman, N. I., Tarasenko, I. G. - Training of the picture image. p. 1.
- Anashkin, A. A. - Problems of the development of professional narrow film cinematography and its techniques. p. 13.
- Vysotskiy, M. Z. - Improving the quality of the sound in motion pictures. p. 21.
- Mikhnevich, A. V. - Approximate formulas of mechanical impedance and coefficients of protection in block speed stabilizers. p. 26.
- Malinovskii, G. P. - Method for the comparison of two different two-channel stereophonic sound systems. p. 32.
- Gavrilov, G. A., Kutuzov, P. S., Rylov, V. S. - Selection and processing conditions of photographic materials for image recording from luminous screens. p. 40.
- Ksandr, E. V., Sivkov, V. I. - Remote control of "Lensa" lenses in filming animated pictures. p. 49.
- Odnolko, V. V., Sheralzhi, S. M. - Reproduction of color television images by index film kinescopes. p. 49.
- Dogorodskii, I. U. L., Ivanov, G. I. - Demodulation of a video tape recorder. p. 54.
- Zubarev, I. U. B., Ullanov, V. N., Khramov, B. P. - New shape of a synchronized signal for television systems. p. 62.
- Gofitron, O. V. - Measurement of the transient characteristics of television camera tubes. p. 66.
- Chernitskii, I. A. - Mechanized tower crane for work on getting a p. 70.
- Leibovich, I. - Synchronous motor for the portable "Konvas Automat" motion-picture cameras. p. 71.
- Usyshkin, E. I., Sazhin, L. I. - Use of hyetronic motors. p. 75.
- Abstracts. p. 82.
- Soviet certificates of inventions in motion-picture equipment. p. 88.
- On the occasion of the 80th birthday of P. V. Shumakov. p. 81.
- Manually operated panoramic dolly. p. 92.

b. MUSIC

KRUGOZOR [HORIZON]. Moscow, nos. 9-10, 1965

LETOPIS' MUZYKAL'NOI LITERATURY [CHRONICLE OF MUSICAL LITERATURE]. Issued by Vsesoyuznyy knizhnyi palata [All-Union Book Chamber]. Moscow, no. 3, 1965

MUZYKAL'NAYA ZHIZN' [MUSICAL LIFE]. Organ of Soluz kompozitorov SSSR i Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 8, nos. 20-22, Oct.-Nov. 1965.

SOVETSKIE DOLGOIGRAUSHICHIE GRAMPIASTINKI [SOVIET LONGPLAYING PHONORECORDS]. Moscow, nos. 8-11, 1964, nos. 1-5, 1965.

c. THEATER

KLUB I KHUDOZHESTVENNAIA SAMODEIATEL'NOST' [THE CLUB AND AMATEUR ART ACTIVITIES]. Issued by Vsesoyuznyi Tsentral'nyi Sovet Professional'nykh Soluzov [All-Union Central Council of Trade Unions]. Moscow, vol. 15, nos. 19-21, Oct.-Nov. 1965.

NA DOPOMOHU KHUDOZHNIIE SAMODIATEL'NOSTI, repertuarnyi zbirnyk [A GUIDE FOR ART AMATEURS, Repertorial Collection]. Kiev, no. 5(50), Sep. 1965

SOVETSKAIA ESTRADA I TSIRK [SOVIET STAGE AND CIRCUS]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol. 9, no. 11(78), Nov. 1965.

TEATRAL'NAYA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.] and others. Moscow, nos. 20-21, Oct.-Nov. 1965.

10. FINE ARTS

a. GENERAL

DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U.S.S.R.] Issued by Soizuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.] Moscow, vol. 9, no. 11(98), Nov. 1965

KHUDOZHNIK [ARTIST] Issued by Soizuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.] Moscow, vol. 8, nos. 10-11, 1965

KUNST JA KODU [ART AND DAILY LIVING]. Tallinn, nos. 1-2, 1965 [In Estonian]

MAKSIA [ART]. Issued by Latvijas Padomju maksinieku, arhitektu, komponistu, kinematografijas darbinieku savieniba and Teatra biedriba [Association of Artists, Architects, Composers, Motion-Picture Workers and the Theater Society] Riga, no. 3(27), 1965 [In Latvian]

MYSTETSTVO [ART]. Organ of Ministerstvo kultury MYSR [Ministry of Culture of the Ukrainian S.S.R.] and others. Kiev, vol. 12, no. 5(88), Sep.-Oct. 1965.

Table of contents translated:
Lofy mission of the theater. p. 1.
Skrubnytsky, O. - Young captains. p. 3.
Sud'ina, V. - Changes come to the theater. p. 5.
Significant dates. p. 7.
Hordichuk, M. - Symphonist. p. 8.
Zharykov, E., Lyasichkin, V. - Art and cybernetics. p. 11.
Stefanovich, M. - Unforgettable name. p. 12.
Bratko, M. - Enchanting colors of Transcarpathia. p. 15.
Pavlov, V. - Along the road of quests and audacity. p. 17.
Panfilova, M. - The artist and the stage. p. 20.
Films of the motion-picture festival. p. 22.
Petrits, V. - Just as the breath of man. p. 24.
Smorzh, L. - Uplifted. p. 28.
Humor. p. 30.
Iura, H. - Years remote and years close by. p. 31.
Lysenko, M. - Important questions. p. 34.
Kaufman, L. - Portrait of Marusja Chural. p. 36.
Bibliography. p. 37.
Brief news. p. 38.

SOVETAKAN ARVEST [SOVIET ART]. Issued by Ministerstvo kultury Armiyskoi SSR and Gosudarstvennyi komitet Soveta Ministrov Armiyskoi SSR po kinematografii [Ministry of Culture of the Armenian S.S.R. and the State Committee of the Council of Ministers of the Armenian S.S.R. for Motion Pictures]. Eriuan, no. 9, 1965 [In Armenian]

SOVETSKOE FOTO [THE SOVIET PHOTO]. Issued by Soizuz zhurnalistov SSSR [Association of Journalists of the U.S.S.R.] Moscow, vol. 25, no. 11, Nov. 1965.

TVORCHESTVO [CREATIVE WORK] Issued by Soizuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, no. 10(100), 1965

b. ARCHITECTURE

ISKUSSTVO I BYT [ART AND EVERY DAY LIFE]. Moscow, no. 2, 1964

STROITEL'STVO I ARKHITEKTURA [CONSTRUCTION AND ARCHITECTURE]. Issued by Gosudarstvennyi komitet po delam stroitel'stva Ukrainy SSSR and Soizuz arhitektov Ukrainy [State Committee for Construction in the Ukrainian S.S.R. and the Association of Architects of the Ukraine]. Kiev, vol. 11, no. 7, July 1963.

Table of contents translated:
On Lenin's path. p. 1a.
Pechonov, A. - Standardization of designs. p. 1.
Morozov, D. - Principle of grouping apartment houses. p. 3.
Rudenko, E. - Effect of layouts on the cost of housing construction. p. 6.
Pinskii, E. - Assembling large-panel apartment houses directly from trucks. p. 8.
Gorodnichuk, V., and others. - Results of a study of the stressed state of large-panel buildings by a method of jacking. p. 11.
Drushch, V. - Put city planning on a scientific foundation. p. 14.
Stanislavskii, A. - Flexible city layouts. p. 16.
Gerasimovich, V., Zguravskii, O., Pekar, I.A. - Controlled air conditioning of an urban micro-district. p. 17.
Gulgaris, V. - Determining the optimal size of microdistricts. p. 20.

Kileso, S. - Decorative ceramics for facing buildings. p. 22.
Garkusha, N. - Monumental reliefs in architecture. p. 25.
Rozenfel'd, I. - Determining the depth of the active area of the foundation bed. p. 28.
Chutro, A. - Design for a stone building to be constructed on sagging ground. p. 30.
Preparation of textured panels. p. 33.
Kolomoita, N. - Oscar Niemeyer. p. 37

Vol. 13, no. 9, Sep. 1965.

Table of contents translated:
Kovlarzhi, B. - Large groups of builders should take part in the struggle for the improvement of the quality of the construction work. p. 1.
Tutuchenko, S. - Economics, tempo, quality. p. 2.
Kitskidi, B. - Completing the construction of micro-districts. p. 6.
Belousov, L. - Designs of buildings submitted for the 1961 competition. p. 15.
Rets, G. - House of Communications in Cherkassy. p. 22.
Rubinskaya, O. - Network schedule cyclograms for continuous housing construction. p. 23.
Pekarskiy, L. - Manual preparation of graphic work schedules. p. 27.
Popov, A. - Specialization in the construction of residential houses and municipal buildings. p. 29.
Golovko, G. - Problem of the national and international features in architecture. p. 32.
Mader, G. - Standard project is a concrete conception. p. 35.
Atemov, A. - Preserve the architectural ensemble of the Primorskiy Avenue in Odessa. p. 36.
Gerasimenko, A. - The book is the builder's friend. p. 38.

STROITEL'STVO I ARKHITEKTURA Leningrada [CONSTRUCTION AND ARCHITECTURE IN Leningrad] Organ of Ispolnitel'nyi komitet Leningradskogo gorodskogo soveta deputatov trudashchikh [Executive Committee of the Leningrad City Soviet of Workers' Deputies] and others. Leningrad, vol. 27, no. 8, Aug. 1965

Table of contents translated:
Sukhanov, G.I. - By the method of housing construction combines. p. 1.
Engel'ke, N.A. - Sosroretsk District, a recreation zone. p. 4.
Platonov, G.D., Ruzhze, V.L. - Problems of future houses, sociological principles of planning. p. 7.
Gusheva, A.A. - Prefabricated frameworks of buildings serving cultural and public needs. p. 14.
Ivanova, O.A. - Seminar on landscape architecture. p. 17.
Sid'ko, I.N., Rytashevich, I.U. - Stressed panel houses. p. 19.
Lomonov, K.F. - New data on physical processes taking place in the autoclave treatment of cellular concrete. p. 21.
Svirskii, I.A. - Recreation camp for pioneers and pupils. p. 23.
Katonin, L.S. - The Leningrad Fashion House. p. 26.
Polushin, A.P. - Sashes from aluminum alloys. p. 28.
Lubosh, G.A. - Industrial building from precast monolithic reinforced concrete. p. 29.
Rylin, N.L. - Determining the moisture content in materials and structural elements by the neutron method. p. 31.
Lantsov, V.A., Polonskii, L.A. - Statistical method of quality of structural elements. p. 32.
Heat treatment of large reinforced concrete products. p. 34.

Vol. 27, no. 9, Sep. 1965.

Table of contents translated:
Speranskii, S.B. - Welcoming the congress of architects. p. 1.
Gur'ev, O.I. - Square adjoining the Novo-Izmailovskii thoroughfare. p. 8.
Kontikov, A.V. - The old and the new in city structure. p. 10.
Akhmedov, M.F. - Prospects for the reconstruction of the Nevskii prospekt. p. 14.
Iastrebenetskiy, G.D. - Construction of residential houses and the monumental art. p. 16.
Bobchenok, P.K. - On expediency, beauty, and economics. p. 18.
Afonchenko, A.A. - What should be the design and construction of Petrodvorets? p. 20.
Morozov, G.P. - New suspension systems for large-span buildings. p. 24.
Riskin, A.N. - The most advanced methods of housing construction is in operation; from the All-Union seminar in Leningrad. p. 26.
Sharanskii, E.N. - Problems of the reliability of reinforced concrete structures. p. 30.
Grigor'ev, E.G., Gisin, G.G. - Quality control; from the experience of laboratories of the Avtovoz Construction Combine. p. 32.
Domidova, D.A. - Flowers and plants in interiors. p. 34.
Gurkin, I.U. - Electric advertising sign designs. p. 36.

STROITEL'STVO I ARKHITEKTURA MOSKVY [CONSTRUCTION AND ARCHITECTURE IN MOSCOW]. Issued by Ispolkom Moskovskogo gorodskogo Soveta deputatov trudashchikh [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, no. 5, 1965

Table of contents translated:
Balashov, S. - Quality of fully prefabricated construction. p. 1.
Mizoshnikov, L. - October Square today and tomorrow. p. 7.
Baier, E. - Practices in Section 10 Novyye Chelomushki. p. 10.
Kastel', I. - Made of completely prefabricated elements, design and construction of children's institutions. p. 13.
Kositsyn, B. - Aids to engineers and builders. p. 17.
Sikhlin, M. - Window units made of synthetic materials. p. 19.
Bykovskii, O. - Interior of a model apartment. p. 21.
Antonov, I.U., Karlik, L. - Hospitals should meet present-day requirements. p. 24.
Ice skating rinks. p. 26.
Dovzhik, V., Khalkin, V., Protova, L. - With the new advanced machinery. p. 29.
New cafe on Gorkiy Street. p. 32.
Golubev, G. - Main trends in the construction of bus stations. p. 33.

STROITEL'STVO I ARKHITEKTURA UZBEKISTANA [CONSTRUCTION AND ARCHITECTURE OF UZBEKISTAN] Organ of Ministerstvo stroitel'stva i Gosstat Uzbekska SSR [Ministry for Construction and the State Committee for Construction of the Uzbek S.S.R.]. Tashkent, vol. 6, no. 1, Jan. 1965.

Table of contents translated:
Quick tempo from the first months. p. 1.
Lavygin, E.P. - Erecting reinforced concrete granulating towers. p. 5.
Koz'yev, I.U. - There is an increase in the manufacture of up-to-date precast reinforced concrete products. p. 9.
Anisimov, V.A. - Preparing precast reinforced concrete elements on building sites. p. 11.
Ostrovskii, V.E. - First multicable mine elevator in Central Asia. p. 12.
Shaposhnikov, A., Iushanov, B. - Mechanizing the conveying of motion bitumen during the laying of soft roofs. p. 13.
Golubev, A.V., Korotev, V.V. - Such will be the reinforcement plant of the Tashkent Housing Construction Combine. p. 15.
Tsukerkandel', A.P. - New types of window blocks. p. 16.
Zikeev, B.V. - Effectiveness of polymer building materials and products. p. 22.
Zaritskii, B., and others. - Center of Tashkent in 1967. p. 25.
Sazanova, M. - Microclimate of planted areas in Ashkhabad. p. 29.
Voltenko, I.V., Sakaev, A.I., Sokolov, V.V. - Completely prefabricated construction of farm buildings. p. 32.
Berman, Z., Soskin, S., Lencova, N. - Determining the productive capacity of construction and assembly organizations. p. 35.
Afuzov, B. - Forming housing construction combines. p. 39.
Osipov, Z.G. - Some construction specifications and regulations for seismic areas. p. 40.
Sokolov, I.U. - Examples of complicated figures constructed with the aid of an all-purpose drawing device. p. 42.
Sukovskii, I. - Molding machinery. p. 46.
Determining the economic effect of introducing new equipment. p. 47.
Awarding bonuses to workers and the scale of wages. p. 49.
Glunberg, E. - For effectiveness in economic analysis. p. 50.
In the State Committee on Construction of the Council of Ministers of the U.S.S.R. p. 51.

Vol. 6, no. 3, Mar. 1965.

Table of contents translated:
Fulfill the tasks of the seven-year plan ahead of schedule! p. 1.
Gereberg, I.B. - Device for preparing an aqueous solution of drying oil. p. 4.
Pneumatic manipulator for concrete breakers. p. 5.
Pak, S.D. - Technical and economic appraisal of the compaction of soils by rollers. p. 6.
Demina, V.A. - Put the production of bathroom units on an industrial basis. p. 9.
Sulimaniants, R.A. - Water consumption in Uzbekistan. p. 12.
Kuzanov, A. - Lightweight concrete, built-up, ventilated roof for large-panel apartment houses. p. 15.
Raschakovskii, V.T., Valiev, F.A. - Reinforced concrete spines with spiral reinforcement. p. 17.
Protova, A. - Moist coatings for heat insulation. p. 18.
Dubinin, L.N. - Provide new efficient elements of standard hydraulic structures for irrigation purposes. p. 20.

- Using the materials of Kirghizistan for the manufacture of cellular concrete p. 23.
 Iannashidi, E. F., Tamieli, A. I. - New administrative building in the capital p. 25.
 Eshov, A. V., Soldatov, E. A. - Winter studies of the thermophysical characteristics of apartment houses built of silicate blocks. p. 33.
 Bezverkhov, A. - Silicate houses for Central Asia p. 39.
 Nozik, E. M. - Determining frequency and form of vibrations by means of iteration p. 11.
 Bulavin, S., Belokh-Kadysh, A. - Furan compounds are making progress. p. 44.
 Polyethylene pipes manufactured by the Akhan-Garan Plant for Plastic Products. p. 46.
 Fridman, A. G. - Major construction in Central Asia p. 45.
 In the State Committee on Construction of the Council of Ministers of the U.S.S.R. p. 50.
 In the State Committee on Construction of the Council of Ministers of the Uzbek S.S.R. p. 51.

Vol. 6, no 8, Aug. 1965

- Table of contents translated
 A constructor is the pride of the country. p. 1.
 Markovich, Z. M. - Intensify the construction tempos in the republic. p. 5.
 Iskandarov, I. N. - Akhan-Garan plastics combine p. 8.
 Mechanized finishing of wall panels p. 10.
 Lashchuyev, F. M. - Electric heating in the production technology of reinforced concrete panels at the Tashkent Housing Construction Combine. p. 11.
 Aslanov, Kh. - Bench for cutting rolled wallpaper p. 15.
 Priyko, G. I. - Heat-insulating and structural perlite p. 16.
 There where the outskirts were p. 20.
 Kovalev, A. M. - Combined kindergartens and nurseries. p. 21.
 Blum, B. I. - New designs of schoolhouses. p. 23.
 Sinkin, M. L. - Work organization in electric installation operations p. 27.
 Azbel, G. B. - Selecting normal concrete p. 30.
 Polystyrene facing tiles. p. 32.
 Makhkamov, A. A. - Duplex and "sectional." p. 36.
 Zabolotnyi, P. P. - Calculation of consolidated loess foundation beds p. 38.
 All-Union Public Inspection of the Quality of Construction Work and the Competition for the Best Results in Construction Work Using Standard and Economic Projects. p. 40.

Vol. 6, no 9, Sep. 1965

- Table of contents translated:
 Kim, K. M., Popova, N. I. - Make extensive use of plastic materials in construction p. 1.
 Mikhaylovskii, D. S., Kolushnik, I. U. - Technology of the heat treatment of precast reinforced concrete elements for large-panel apartment-house construction p. 4.
 Millinev, A. V. - Network scheduling should be brought into the practice of construction projects p. 8.
 Silkovskii, I. A. - Using torque motors in construction machinery p. 11.
 Mukhamedaminov, R. A., Slum, I. U. F. - Improve the quality of large-panel apartment houses. p. 14.
 Two-container mortar transporting dump truck on the base of the GAZ-51 motor truck. p. 18.
 Kupeev, K. G. - Microporous burnt-rock concrete. p. 17.
 Mechanization of the trimming of foundation beds under foundation blocks. p. 19.
 Voronkov, V. - Finishers, this is for you. p. 20.
 Kopayeva, M. N., Eidel'man, M. A., Makovetskii, E. N. - Draining land during the laying of sewers in Urgench. p. 21.
 Rack and lever drive of machinery for shaping and compressing curing chambers. p. 24.
 Golubov, L. A. - High-rise apartment houses in Tashkent p. 25.
 Sukhanov, I. S., Osipov, Z. G. - Architectural and structural measures for controlling industrial noise. p. 29.
 Zhelezniakov, V. A. - Maintaining recreation areas in schools of Central Asia. p. 33.
 Bezmozdin, L. - Aesthetics of industrial production. p. 38.
 New curling-chamber device. p. 37.
 Pugachenkova, G. A. - New materials on the architecture of the Sultan-Sadat ensemble. p. 39.
 Karatau today p. 42.
 Aronov, R. I., Sidakov, G. N. - Effect of the early drying of concrete and of the temperature and moisture drops in the atmosphere on the effectiveness of the adhesion of reinforcement with concrete p. 42.
 Korolkov, S. N., Makartsev, V. N. - Is steaming always necessary? p. 48.
 Assembly-line method wins the approval of builders. p. 50.

Vol. 6, no 10, Oct. 1965.

- Table of contents translated:
 Leshenko, B. A. - Main trends of technological progress in the construction industry. p. 1.

- Tullaganov, S. Z., Salidzhanov, S. B. - Manufacture of large-panel elements of cellular concrete with a mixed lime-cement binder. p. 4.
 Grushko, V. - Magnetic cleaning of water in steam boilers. p. 6.
 Sridukov, M., Trulev, V. - Effect of production factors on the seismic stability of apartment houses. p. 7.
 Vibration roller with mechanical drive. p. 9.
 Sukhovskii, I. A. - Mobile installation for preparing reinforced concrete rings. p. 10.
 Usmanov, I., Mukevich, B. - New drain pipes. p. 13.
 Titarenko, P. A. - Experimental floors of sheet slag pyroceramics for industrial buildings. p. 13.
 Erecting a headframe by the self-assembling method. p. 16.
 Kuzanov, A. B., Soldatov, E. A. - Heat insulating characteristics of forced-ventilated roofs in winter. p. 18.
 Volynskii, I. U. - New thoroughfare for the capital. p. 21.
 Molacava, S. B. - Planning and building community centers for rural settlements. p. 26.
 Vyshkin, F. G. - Designing state farm centers. p. 31.
 New construction projects in Khorezm Province. p. 35.
 Mordukovich, I. A. - Method of calculating the production capacity of construction organizations. p. 36.
 Boldyreva, L. A. - Give special attention to the scientific organization of work. p. 40.
 New instructions on the procedure for accepting products of industrial and technological character and consumer goods in quantity. p. 42.
 The right to use additional residential area. p. 43.

11. LANGUAGE, LITERATURE & FOLKLORE

a. LANGUAGE

INOSTRANNYE IAZYKI V SHKOLE [FOREIGN LANGUAGES IN SCHOOLS]. Issued by Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no 6, Sep.-Oct. 1965.

KEEL JA KIRJANDUS [LANGUAGE AND LITERATURE] Issued by Eesti NSV Teaduste Akadeemia and Eesti NSV Kirjanike Liit [Academy of Sciences of the Estonian S.S.R. and the Association of Writers of the Estonian S.S.R.]. Tallinn, vol 8, no 11, Nov 1965 [in Estonian]

L'VOV, UNIVERSYTET Wisnyk Seria filologiczna [UNIVERSITY, Review Philological Series] No 3, 1965.

- Table of contents translated:
 Oryshyn, A. D. - A I Heitren on Russian literature of the 18th century. p. 3.
 Polanina, T. V. - Mastery of Heitren as publicist; the decade of the 1840's. p. 10.
 Neborachok, F. M. - Poems of M. Ryl'skiy written in the 1930's. p. 10.
 Papernala, H. A., Ushorenko, T. E. - Images of teachers in the works of A. P. Chekhov. p. 24.
 Klyukova, L. N. - V. G. Belinskii on the historical drama p. 31.
 Lebedeva, L. A. - Gogol' and L. Tolstol. p. 38.
 Petrovskii, V. I. - D. Bednyi as master of social-speech characteristics. p. 45.
 Andel, V. P., Molotnyi, V. A., Trofimovych, K. K. - An unknown 15th century Czech document in manuscript form p. 52.
 Kalamova, N. A. - Some means of language expression in works of fiction. p. 56.
 Polychynil, I. Z. - Vocative sentences; based on the language of I. Franko's prose. p. 65.
 Voznyi, T. M. - Structural-semantic characteristics of verb forms ending in "-iti" with the meanings of talking and thinking in Old Russian and Ukrainian p. 71.
 Zakharkiv, O. F. - Dialectal differences in the formation of nouns in the Bolki dialects, nouns for persons signifying their profession and activities p. 76.
 Pan'ko, T. I. - Structural-semantic characteristics of modern Ukrainian terminology in the field of economics p. 81.
 Zozulak, K. H. - Bolki names for clothes. p. 85.
 Kovalyk, I. I. - Specialized methods of comparative studies on derivation. p. 90.
 Khrychukov, B. V. - Interrelation of the categories of modality and predication. p. 93.
 Gazer, I. S. - Some stylistic features of I. A. Bunin's tale "The village." p. 98.

V POMOSHCH' PREPODAVATELIU RUSSKOGO IAZYKA V AMERIKE [A GUIDE FOR TEACHERS OF THE RUSSIAN LANGUAGE IN AMERICA]. Published by N. B. Avtonomoff. San Francisco, Calif., vol 18, no 63/64, 1962.

VOPROSY MARIKOSKO IAZYKOZNAANIA [PROBLEMS IN MARI LINGUISTICS] Yoshkar-Ola, no 1, 1964

- Table of contents translated:
 Pengitov, N. T. - Ways of the development of the Mari literary language. p. 3.
 Patimshiev, G. S. - Mari dictionaries of the 19th and beginning of the 20th century. p. 17.
 Savatukova, A. A. - Loan translations in the Mari language. p. 37.
 Gordeev, F. I. - Russian toponymy of the Mari A.S.S.R. p. 45.
 Lytkin, V. I. - Etymology of some Mari words. p. 66.
 Gordeev, F. I. - Origin of the ethnonym Mari. p. 63.
 Grusov, I. P. - Historical changes in the area of the vocabulary of the Mari language. p. 66.
 Kazantsev, D. G. - The phoneme *u* in the Yoshkar-Ola dialect of the Mari language. p. 70.
 Isanbaev, N. I. - Observations on the phonetics of the dialect of the Menzelinsk Mari. p. 69.
 Serobrennikov, B. A. - Modern and ancient systems of Mari cases. p. 104.
 Serobrennikov, B. A. - Correctness of the use of the terms "individual case" and "basic case" in Mari grammar. p. 111.
 Galkin, I. B. - Are there possessive pronouns in the Mari language? p. 115.
 Gordeev, F. I. - Origin of the conditional-subjunctive suffix -getay in the Mari language. p. 119.
 Sukhova, O. G. - Meaning of the suffix -rak in the Mari language. p. 123.
 Patimshiev, G. S., Gordeev, F. I. - Some remarks on Mari orthography. p. 125.

b. LITERATURE & FOLKLORE

AKADEMIA NAUK SSSR, Izvestia, Seria Literatury i Iazyka [ACADEMY OF SCIENCES OF THE U.S.S.R., Bulletin, Series in Literature and Language]. Moscow, vol. 24, no. 1, Jan.-Feb. 1965.

- Table of contents translated:
 Gudzik, N. K. - A. A. Shukhmatov on the "Lay of the host of Igor." p. 3.
 Afanas'ev, V. N. - I. A. Bunin at work on his story "The Gentleman from San Francisco." p. 5.
 Iushin, P. V. - S. Esenin's poem about Evpaty Kolchak p. 10.
 Zhirmonikh, V. M. - Problem of Russian orthography p. 29.
 Mikhailovskaya, N. G. - Synonymous adjectives in the language of Old Russian monuments from the 11th to the 14th century; the adjective "volkiy" and its synonyms. p. 34.
 Viakhina, L. V. - Characteristics of the connective vowel in compound words of the Old Russian language from the 11th to the 14th century p. 43.
 Khatavrovskii, A. V. - V. G. Korotenko's unpublished article "A few thoughts on 'provincial diameters'" p. 50.
 Lashchiner, S. - Dating and composition of the "Hilapast and thoughts", new materials. p. 55.
 Petrova, N. V. - Epitaph of the French poet in a text p. 63.
 Prokopenchik, N. P. - Academician Viktor Vladimirovich Vinogradov, on his seventieth birthday p. 61.
 Kur'min, A. I. - Meeting of the Department of Language and Literature on the study of literary texts held in the Abkhazian Institute of Literature, Academy of Sciences of the Armenian S.S.R. p. 80.
 Usok, I., Vatsuro, V. P., Dadashyade, A. - Academic sessions dedicated to the 150th anniversary of the birth of M. I. Lermontov. p. 90.
 Kadomtseva, L. - Forum of Ukrainian linguistics on problems of research methods. p. 94.
 Berkov, P. N. - At the jubilee sessions of Jagatlon University in Cincow. p. 96.
 Naumov, E. P. Bolgrad symposium in honor of Vok Karadzic. p. 100.
 Derzhavina, O. A., Robinson, A. N. - Meeting devoted to Old Russian literature. p. 102.

Vol. 24, no 5, Sep.-Oct. 1965.

- Table of contents translated:
 Semanov, V. I. - Diverse versions of the composition of the "History of world literature." p. 377.
 Gol, N. - Time becomes an image; on some characteristics of the poetics of literary works. p. 388.
 Babkin, A. M. - Lexicographic traditions and ways of renewing them. The new in the old and the old in the new dictionaries. p. 390.
 Suprun, A. V. - Idioms with the pronouns "in" and "nas" in Spanish. p. 405.
 Tsybenko, E. Z. - Dolinskii and Polish literary criticism of the 1840's and 1850's. p. 413.
 Popov, I. A. - Dialectisms in the language of Lomonosov. p. 421.
 Prokopenchik, E. N. - Forms of the past tense ending in "-nu-" in modern literary Russian; elaboration of the practical stylization of Russian. p. 427.
 Kur'min, A. I. - On the seventy-fifth birthday of N. F. Dol'dukhov. p. 451.
 Giebova, T. S. - Meeting of the Department of Literature and Languages. p. 453.

- Ivanova, L.M. - In the Academic Council on the complex problem "Principles in the development of national languages in connection with the development of socialist nations." p.155.
- Gura, I.V. - Interuniversity conference held in Volodga on problems of realism in Russian and foreign literature. p.157.
- Kasatkina, L.L., Sokhat'skaya, I.U.G. - Tenth Di-lectologic Conference. p.160.
- Savichev, G. - Professor Georgii Petrovich Serdyuchenko, an obituary. p.162.
- Vinogradov, V.V. - Professor Evdokia Mikhailovna Galkina-Fedoruk, an obituary. p.163.
- ALA-TOO, ILLIATSI NO-KHADOZHESTVENNYI I OBNESHCHENNO-POLITICHESKII ZHURNAL [ALA-TAU; Literary and Sociopolitical Magazine]. Organ of Soluz pisatelei Kirgizii and Ministerstvo kul'tury Kirgizskoi SSR [Association of Writers of Kirgizia and the Ministry of Culture of the Kirgiz S.S.R.]. Frunze, vol. 34, no. 9, Sep. 1965 [in Kirgiz].
- AZERBAIJCHAN [AZERBAIJAN]. Organ of Soluz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, no. 4, Aug. 1965 [in Azerbaijani].
- DAI'NI VOSTOK [FAR EAST]. Organ of Khabarovskoe otdelenie Soluz pisatelei RSFSR [Khabarovsk Branch of the Association of Writers of the R.S.F.S.R.]. Khabarovsk, vol. 33, no. 5, Sep.-Oct. 1965.
- DNIPRO [DNIPER]. Organ of Tsentral'nyi Komitet Leninsk'koho komunisticheskogo soluzi molodi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 30, nos. 10-11, Oct.-Nov. 1965.
- DON. Organ of Soluz pisatelei RSFSR and Rostovskoe otdelenie Soluz pisatelei [Association of Writers of the R.S.F.S.R. and the Rostov Branch of the Association of Writers]. Rostov-on-Don, vol. 9, nos. 8-10, Aug.-Oct. 1965.
- DROSHA [TIE BANNER]. Published by the Publishing House of the Central Committee of the Communist Party of Georgia. Tbilisi, no. 9(170), Sep. 1965 [in Georgian].
- GRANI [FRONTIERS]. Published by "Posev." Frank-furt/Main, vol. 20, no. 58, 1965.
- IAKSTER' TIASHTENIA. Detskii razdel zhurnala "Moksha" [Children's Section of the Periodical "Moksha"]. Saransk, no. 1, 1965 [in Moldavian].
- INOSTRANNAIA LITERATURA [FOREIGN LITERATURE]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, no. 10, Oct. 1965.
- IUNOST' [YOUTH]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol. 11, no. 11, Nov. 1965.
- KAROGS [TIE BANNER]. Issued by Latvijas padomju rakstnieku savieniba [Association of Writers of Latvia]. Riga, no. 11, 1965 [in Latvian].
- KAZAN UTлары [LIGHTS OF KAZAN]. Organ of Soluz pisatelei Tatarii [Association of Writers of Tataria]. Kazan, no. 10, Oct. 1965 [in Tatar].
- KHOTUGU SOLUS [STAR OF THE NORTH]. Yakutsk, no. 5, 1965. [in Yakut].
- LITERATURA I ISKUSSTVO NARODOV SSSR I ZARUBEZHNYKH STRAN, bibliograficheskii biulleten' [LITERATURE AND ART OF THE PEOPLES OF THE U.S.S.R. AND FOREIGN COUNTRIES, Bibliographical Bulletin]. Issued by Vsesoluznaya knizhnaya palata i Vsesoluznaya gosudarstvennaya biblioteka inostrannoi literatury [All-Union Book Chamber and the All-Union State Library of Foreign Literature]. Moscow, no. 6, 1965.
- LITERATURA I SOVREMENNOST' [LITERATURE AND THE PRESENT]. Moscow, no. 6, 1964. Articles on literary works of 1963-1964.
- Table of contents translated:
- Ozerov, V. - Breath of life. p.9.
- Kuratsov, M. - Socialist realism and modernism. p.32.
- Motyleva, T. - In debates over the novel. p.70.
- Iakimenko, L. - About bread, the land, and our literature. p.108.
- Ianovskii, N. - In the struggle for the truth of communism. p.135.
- Annikskii, L. - Reality of prose. p.160.
- Ninov, A. - Art of the true story. p.186.
- Mikhailov, A. - Poetry of moral eminence. p.210.
- Parkhomenko, M. - Master of poetic prose, on the novels of Oles' Honchar. p.243.
- Krakhmal'nikova, Z. - Journey to the Shore of Winds; Andrii Hnt and his books. p.265.
- Surovtsev, I.U. - Genre of the novel, fortune of a struggle, and the bitterness of wild honey, on the novel "Wild honey" by L. Perovskii'skiy. p.279.
- Babushcheva, S. - Poetry of large horizons, on the verse of Mikhail Svetlov. p.298.
- Pakubskii, R. - Poetry, personally, time, on the verse and poems of J. Marckevichius. p.305.
- Olov, V. - Second encounter with Tarkin, on a new poem by A. Tyndovskii. p.326.
- IUovskii, I.U. - Gor'kii and his interlocutors, through the pages of the correspondence of Gor'kii with Soviet writers. p.335.
- Mashukskii, S. - Art as seen by a writer, remarks on K. Fedin's book "Writer, art, time." p.364.
- Knopovich, E. - People of lofty fate, "Double rainbow" by M. Elkhonov. p.403.
- LITERATURA V SHKOLE [LITERATURE IN SCHOOLS]. Issued by Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 20, no. 6, Nov.-Dec. 1965.
- LITERATURNIA ARMENIA [LITERARY ARMENIA]. Organ of Pravlenie Soluz pisatelei Armenii [Administration of the Association of Writers of Armenia]. Yriivan, vol. 7, no. 9, Sep. 1965.
- LITERATURNIA GRUZIA [LITERARY GEORGIA]. Organ of Soluz pisatelei Gruzii [Association of Writers of Georgia]. Tbilisi, vol. 9, no. 10, Oct. 1965.
- LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIDZHAN]. Organ of Soluz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, vol. 23, no. 5, Sep.-Oct. 1965.
- LITERATURNYI KIRGIZSTAN [LITERARY KIRGIZISTAN]. Organ of Soluz pisatelei Kirgizii [Association of Writers of Kirgizia]. Frunze, vol. 11, no. 3(59), July-Sep. 1965.
- MOKSHA; literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [MOKSHA, Literary and Sociopolitical Almanac]. Saransk, no. 5, Sep.-Oct. 1965 [in Moldavian].
- MOLODAIA GVARDIIA; literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [YOUNG GUARD, Literary and Sociopolitical Magazine]. Issued by Tsentral'nyi komitet Vsesoluznogo iunistnskogo komunisticheskogo soluzi molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 10, Oct. 1965.
- MOSCOW, UNIVERSITET' Vestnik. Seria 7: Filologiya, zhurnalistika [UNIVERSITY Review. Series 7: Philology, Journalism]. Vol. 20, no. 5, Sep.-Oct. 1965.
- Table of contents translated:
- Elina, N.G. - The study of Dante in Russia. p.3.
- Vipper, I.U.B. - Works of Marie de Guarnary, called the daughter of Montaigne, from the history of the literary struggle in France at the beginning of the 17th century. p.16.
- Bolza, S.I. - Two novels on the Slovak uprising, "Engelchen summons death" by L. Mhačko and "Dead soldiers don't sing" by R. Jafik. p.33.
- Shevov oshkin, V.V. - On the Hittite-Lydian character of the Carian language. p.46.
- Zolotarevskii, A.L. - Formation of verbs in Middle Low German; problem of isolating the Latvian language area. p.58.
- Lobanov, N.A. - Syntactic ties of some reflexive verbs. p.73.
- Kharitonov, V. - "Your devoted friend, Charles Dickens"; on the publication of the first volume of the complete collection of Charles Dickens' letters. p.86.
- Bogdanov, V. - Boundless opportunities. p.92.
- Dante Readings. p.94.
- Rostovskaya, I. - Sholokhov Conference at Moscow State University. p.96.
- MOSCOW, UNIVERSITET DRUZHBY NARODOV. Trudy [UNIVERSITY OF THE FRIENDSHIP OF PEOPLES. Transactions]. Vol. 4, 1964. Voprosy literaturovedeniia [Problems in the Study of Literature], no. 1.
- Table of contents translated:
- Baranov, S.F. - Traditions of Gogol' in the satire of M.E. Saltykov-Shchedrin. p.3.
- Sidelnikov, V.M. - Identical and artistic nature of Russian folk anecdotes. p.21.
- Davletov, K.S. - Meaning of the comic in the medieval East. p.51.
- Zolotarev, N.S. - Studies on the characteristics of V. Maiakovskii's satiric feuilletons written at the end of the 1920's. p.67.
- Dodonov, N.I. - A.N. Tolstol's satiric stories on the emigration. p.98.
- Baranov, S.F. - Same sources of L.N. Tolstol's novel "Resurrection" and story "For what?" p.115.
- Poluektova, I.P. - Creative method of Turgenev the novelist. p.137.
- Zhukova, I.V. - The literary sketch in the years of the Great Patriotic War. p.166.
- Gedymin, L.P. - Historical novel of George Sand. p.200.
- Romashov, L.A. - Césaire Aiconada's anti-Fascist novel "Tajo River." p.221.
- Svetlova, S.K. - Panegyrics in the works of the poet Dashkhan ibn Burd. p.251.
- MOSKVA [MOSCOW]. Organ of Soluz pisatelei RSFSR and Moskovskoe otdelenie Soluz pisatelei RSFSR [Association of Writers of the R.S.F.S.R. and the Moscow Branch of the Association of Writers of the R.S.F.S.R.]. Moscow, vol. 9, no. 11, 1965.
- NASHI SOVREMENNIIK [OUR CONTEMPORARY]. Organ of Soluz pisatelei RSFSR [Association of Writers of the R.S.F.S.R.]. Moscow, no. 11, Nov. 1965.
- NISTRUL [DNIESTER RIVER]. Organ of the Association of Soviet Writers of the Moldavian S.S.R. Kishinev, vol. 34, no. 11, 1965 [in Moldavian].
- NOVYI ZHURNAL THE NEW REVIEW. New York, vol. 24, no. 81, 1965.
- OKTIABR' [OCTOBER]. Organ of Soluz pisatelei RSFSR [Association of Writers of the R.S.F.S.R.]. Moscow, vol. 42, no. 10, Oct. 1965.
- Table of contents translated:
- Sizov, Nikolai. - Arabat and the Solenga, a tale. p.3.
- Rubtsov, Nikolai. - In the best light, verse. p.76.
- Lugovoi, Vladimir. - Vysshag od, verse. p.79.
- Kharabarov, Ivan. - It's a long way from Iktinsk... Autumn in Bansk... Snowing in Siboria... verse. p.81.
- Maidenfel, Anatoli. - A novel with friends (to be continued). p.83.
- Zaukhli, Aleksel. - In the middle of the country, verse. p.127.
- Suslov, Vladimir. - Dawn over the rails, verse. p.129.
- Semenov, M. - Material evidence, a satiric tale. p.130.
- Zolotarev, G.S. - Stake of confidence. p.185.
- Shtolnikov, B. - How is everything in America? p.186.
- Maevskii, Viktor. - Europe without gentlemen (to be continued). p.186.
- Dembova, I. - Conquest. p.194.
- Vnelt'ev, Sergei. - Fame awaits him. p.199.
- Barzakh, Sergei. - "Better not to laugh..." p.204.
- Novikov, V. - The researcher and poetry. p.208.
- Ivanova, Ludmila. - End of a hideaway. p.212.
- Motushov, I. - Heart of a critic. p.213.
- Chapchakhov, T. - The periodical "Ural." Quests and finds. p.216.
- Brief book reviews. p.221.
- ORGA. Organ of Soluz sovetskikh pisatelei ChlASSR [Association of Soviet Writers of the Chechen-Ingush A.S.S.R.]. Grozny, no. 1, 1965 [in Chechen].
- POD'EM [UPSWING]. Issued by Voronezhskoe otdelenie Soluz pisatelei RSFSR [Voronezh Branch of the Association of Writers of the R.S.F.S.R.]. Voronezh, no. 5, Sep.-Oct. 1965.
- PRAPOR; literaturno-khudozhenii i inozhads'ko-politicheskii zhurnal [BANNER; Literary and Sociopolitical Magazine]. Issued by Spilka pis'mennikov Ukrainy [Association of Writers of the Ukraine]. Kharkov, no. 10, 1965.
- PROSTOR [WIDE-OPEN SPACES]. Issued by Soluz pisatelei i Tek LKSM Kazakhstana [Association of Writers and the Central Committee of the Lenin Communist Youth League of Kazakhstan]. Alma-Ata, vol. 34, no. 11, Nov. 1965.
- PUNALIPPU [THE RED BANNER]. Issued by Soluz pisatelei Kare'lskoi ASSR [Association of Writers of the Karelian A.S.S.R.]. Petrozavodsk, vol. 22, no. 5, 1965. [in Finnish].
- RADIANS'KE LITERATUROZNAVSTVO [SOVIET LITERARY REVIEW]. Organ of Institut literatury im. T.H. Shevchenko Akademii nauk URSS and Spilka pis'mennikov Ukrainy [Shevchenko Institute of Literature of the Academy of Sciences of the Ukrainian S.S.R. and the Association of Writers of the Ukraine]. Kiev, vol. 9, no. 5, May 1965.
- Table of contents translated:
- Troshchinskii, A. - Man lives for people. p.3.
- Kononenko, Petro. - Sources of creativity and beauty. p.11.
- "Of the people" is an ardent phrase. p.20.

Marina Kenigsberg-Chelak - Prose of Oleksandr Kornilchuk p. 41
 Matsai, Oleksandr, - Ukrainian motifs in "And quiet flows the Don" p. 37.
 Kublanov, B. - Reality, image, perception, p. 44.
 Olinsky, V. P. - Creative renovation p. 56.
 Mykytas, V. - Oleksandr Pavlyovych. p. 68.
 Marchenko, L. - The proletarian poet Omer'ko Kachallo p. 80.
 Chamala, N. P. - Fourteenth conference on Shevchenko p. 94.
 In the higher educational institutions of the Ukraine. p. 95.

Vol. 9, no. 9, Sep. 1965.

Table of contents translated
 Kahan, A. B. - Leninist stage in the development of Marxist aesthetics, p. 3.
 Matlych, Iukym, - From the diary of a reader, p. 13.
 Bondarenko, L. S. - Elements of folklore in "The horsemen," p. 20.
 Stetsenko, L. - I. Karpenko-Karyi and czarist censorship, p. 30.
 Lesvyi, V. - More on the language of V. Stefanyk, p. 38.
 Chernytskyi, I. E. M. - Pushkin and the development of realism in the works of Shevchenko, p. 49.
 Lesyky, V. V. - Roads of analysis in literary criticism, p. 63.
 Olenyeva, Valentyna, - Albert Maltz as a writer of short stories, p. 73.
 Academic conference in Lvov, p. 95.
 Kozych, N. I. - Conference devoted to O. DuPhnovych, p. 95.
 Celebrating the jubilees of M. Sholokhov and O. Kornilchuk, p. 95.
 Kril', Osep, - Literary evening of Iryna Vil'de, p. 96.
 Sydoriak, M. - Literary studies and critical publications of "Radians'kyi pys'mennyk," p. 96.
 Defense of a doctoral dissertation, p. 96.

SEVER [THE NORTH] Issued by Soluz pisatelei Kar'el'skoi ASSR and Arkhangel'skoe i Vologodskoe otdeleniya Soluza pisatelei RSFSR [Association of Writers of the Karelian A. S. S. R. and the Archangel and Vologda Branches of the Association of Writers of the R. S. F. S. R.] Petrozavodsk, vol. 26, no. 5, Sep - Oct 1965

SHARK IULDUZI [STAR OF THE EAST] Organ of the Association of Soviet Writers of Uzbekistan Tashkent, vol. 33, no. 10, 1965 [In Uzbek]

SIBIRSKIE OGNI [SIBERIAN LIGHTS] Organ of Soluz pisatelei RSFSR and Novosibirskoe otdeleniya Soluza pisatelei [Association of Writers of the R. S. F. S. R. and the Novosibirsk Branch of the Association of Writers] Novosibirsk, vol. 44, no. 11, 1965

SOVET EDEBLATY [SOVIET LITERATURE] Organ of Soluz sovetskikh pisatelei TSSR [Association of Soviet Writers of the Turkmen S. S. R.] Ashgabad, nos 9-11, Sep - Nov 1965 [In Turkmen]

SOVETAKAN GRAKANUTIUN [SOVIET LITERATURE] Organ of the Association of Soviet Writers of Armenia Eriyan, no 9, 1965 [In Armenian]

SUCHASNIST', literatura, mystetstvo, suspi'ne zhyttia [OUR TIME, Literature, Art, and Social Problems] Munich, vol. 5, no. 10(58), Oct 1965

VITYCHYZNA [OUR COUNTRY] Organ of Spilka pys'mennykh Ukrain [Association of Writers of the Ukraine]. Kiev, vol. 33, no. 10, Oct 1965

VOPROSY LITERATURY [PROBLEMS OF LITERATURE] Organ of Soluz pisatelei SSSR and Institut mirovoi literatury Akademii nauk SSSR [Association of Writers of the U. S. S. R. and the Institute of World Literature of the Academy of Sciences of the U. S. S. R.] Moscow, vol. 9, no. 10, Oct 1965

Table of contents translated.
 Nikolaev, D. - On historical soil, p. 3.
 Anninskii, L. - It's so simple that it's hard to believe, p. 30.
 Levin, F. - It's really hard to believe, p. 45.
 Sokolov, Vadim - Eccentricities and planimetric clarity, p. 52.
 Lominadze, S. - "Perpetual motion" or "question of life?" p. 59.
 Bocharov, A. - From the ranks of those adorning the world, p. 69.
 Anninskii, L. - From where do the eccentrics come? p. 78.
 Rza, Rasul - Poetry is work and inspiration, p. 85.
 Hint, Andu - For a comprehension of the social, p. 101.
 Boladzhiev, G. - Art of classicism, p. 112.
 Zakharov, V. - English criticism today, p. 130.
 Popova, E. - Young poetry of France, p. 139.
 Tugusheva, M. - Dieliser, man and writer, p. 145.
 "The sea's waves do not die," p. 147.

Gachov, G. - Pithiness of form, the epic "The Iliad" and "War and peace" p. 149.
 Chicherin, A. - Conformities in the history of diverse literatures, p. 171.
 Ehrenburg, I. - Gift of sharing experiences, p. 180.
 Beecher, Johannes R. - Philosophy of the sonnet or a brief place on the sonnet, p. 190.
 Grinberg, I. - To the heart of the reader, p. 209.
 Rukhomenko, M. - Problems in the development of the literatures of the peoples of the U. S. S. R. p. 212.
 Stepanov, N. - The Russian historical novel, p. 219.
 Nikolayev, P. - Motion of research thought, p. 222.
 Golovin, E. - Anthology of Dutch literary criticism p. 227.
 Oryshnikova, F. - Works of John Milton, p. 230.
 Lazarev, I. - Miracle of art, p. 233.
 Shatalin, M. - Principal theme, p. 236.
 Geldeko, V. - Debate with tradition, p. 238.
 Starkov, A. - In the world of V. Panova's heroes, p. 239.
 Izim-Ogly, Rabik - Formation, p. 241.
 Aleksin, A., and others - Ten answers to one question "What should the periodical 'Detskaya literatura' be like?" p. 243.

VOZROZHDENIE [RENAISSANCE] Paris, no. 167, Nov. 1965

ZHOVTEN' [OCTOBER]. Organ of Spilka pys'mennykh Ukrain [Association of Writers of the Ukraine] Lvov, no. 9, 1965

ZHULDYZ [STAR] Issued by Soluz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan] Alma-Ata, no. 10, Oct 1965 [In Kazakh]

ZNAMIA [THE BANNER]. Organ of Soluz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Moscow, vol. 35, no. 10, Oct. 1965.

Table of contents translated.
 Kozhevnikov, Vadim, - Shield and sword; a novel (conclusion), p. 3.
 Vanshenkin, Konstantin, - From lyric verse, p. 126.
 Mifellatis, E. - Lyric studies (conclusion), p. 131.
 Oshinina, Lev, - My Spain; verse, p. 154.
 Il'ina, Natalia, - The return, a novel (to be continued), p. 160.
 Konetski, Viktor, - Salty ice (conclusion), p. 180.
 Mudvedev, Iu., - Silent front, p. 210.
 Makarov, A. - Thoughts on a poem by Evg. Evstushenko, p. 227.
 Poltoratski, V. - Truth of the fiery years, p. 240.
 Giezer, A., Charkviani, G. - "...While I love, while I write poetry..." p. 248.
 Aghanina, G. - An encounter which did not take place, p. 250.
 In a few lines, p. 252.
 To be published soon, p. 255.

ZVEZDA [THE STAR]. Organ of Soluz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Leningrad, no. 10, Oct 1965

Table of contents translated:
 Dar, D. - Ballad of a man and his wings, p. 3.
 Dubrovina, Elida - The Little Ogionka River, Sofora, I'd like to be melancholy...; When the sun sets over the birch grove...; Ray of light, verse, p. 68.
 Ozerov, Lev, - Inscription on a book; I pursued my thought at length...; Mother's of fallen comrades...; Fierce in the snow is a watchman's wife with three ears... The ice drifted on and they could be seen... Feet get stuck in the wet clay... Piano concert, Sails, You hail me... verse, p. 90.
 Korobov, Aleksel, - Two hours before the next shift, a story, p. 93.
 Mochalov, Lev - Spring, Not famous and not intoxicated; Childhood days; The phonograph records "Voices of birds in nature"; verse, p. 101.
 Gorodnitski, Aleksandr - Sails of the "Kruzenshtern"; In an old Canadian citadel...; I am satisfied to my heart's content...; Masts, verse, p. 104.
 Abramov, Fedor, - The swans flew by; Bear hunt, stories, p. 106.
 Hersey, John, - The child buyer; a novel (to be continued). Translated from the English by Grigorii Lev, p. 119.
 Lazarev, M. - Zapoiornyedebut, p. 169.
 Bykhovskii, I., Voinatovich, D. - Short memoir of Werner Schmidt, p. 169.
 Panich, M. - Reading A. S. Makarenko, From my diary, p. 175.
 Andreev, Dmitrii - From unpublished verse, p. 182.
 Sokolov-Mikitov, I. - Arctic artist; on the 25th anniversary of the death of N. V. Pnegin, p. 186.
 Khvatov, A. - In his native land, p. 193.
 Dymshits, Aleksandr, - Sergei Erenin and... p. 204.

ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soluz pisatelei Uzbekistana [Association of Writers of Uzbekistan] Tashkent, vol. 33, no. 9, 1965.

12. GEOGRAPHY & GEOLOGY

b GEOGRAPHY

AKADEMIA NAUK SSSR, Institut geografiicheskoi shkala [ACADEMY OF SCIENCES OF THE U. S. S. R., Institute of Geography, Geographical Scales]. Moscow, no. 5, Sep - Oct, 1965.

Table of contents translated:
 Rikhter, G. D. - Zonality and system of taxonomic units in establishing physiogeographical regions, p. 3.
 Plyovarov, Iu. L. - Characteristics of the territorial structure of the national economy of the Czechoslovak Socialist Republic, p. 16.
 Pravotvorova, G. A. - Some features of the geographical distribution of rural population in the Hungarian Socialist Republic, p. 27.
 Vendrov, S. L. - Prediction of changes in the natural conditions of the northern Ob' Valley after the construction of the Lower-Ob' Hydroelectric Power Station, p. 37.
 D'Intonov, K. N. - Landform studies in regions subjected to the influence of reservoirs, p. 50.
 Skalon, V. N., Syroechkovskii, E. L. - Problems in the utilization and reproduction of stocks of commercially hunted animals in Siberia, p. 65.
 Danilova, N. S. - Characteristics of the formation of recent potentially frozen sediments in the Lena Delta, p. 63.
 Obiednenko, G. V. - Role of erosion cycles in the formation of planation stages of the Volga Valley relief, p. 71.
 Petrosyanis, M. A. - Paleogeography of the Akragay period in the central and southern Kara Kum, p. 70.
 Savina, S. S. - Changes in the hydrothermal characteristics of some soil types as related to climatic fluctuations, p. 85.
 Morozova, T. D., Faustova, M. A. - Microstructure of optically oriented clays in soils and unconsolidated sediments, p. 90.
 Konnikov, L. B. - Studying the movement of sediments in the shore area of Gorky Reservoir by the use of labeled sand, p. 100.
 Sakharov, S. I., Klimzin, M. - Use of computers in the qualitative valuation of land, p. 105.
 Lopatina, E. B. - Economic geography during the first stage of the development of capitalism in Russia in the postreform period, from the history of the approach to economic geographical studies in Russia in the 1800's and 1870's, p. 109.
 Gerasimov, I. P., and others, - Present state of the geographical science in Kazakhstan (in connection with the 3d conference of geographers of Kazakhstan), p. 117.
 Mintz, A. A., Muratov, V. M., Fridland, V. M. - Hungarian geographers in the search of new ways for practical application of the results of scientific research, p. 120.
 Polezhaev, A. P. - K. A. Salishchev, his 60th birthday, p. 133.
 Gokhman, V. M., and others, - V. V. Pokhishchevskii, his 60th birthday, p. 135.
 Golovach, I. K. - One-hundredth anniversary of Academician G. N. Vysotskii's birth, p. 137.
 Orshnikov, T. N. - Tenth anniversary of the Museum of Earth Sciences of the Moscow University, p. 138.
 Chebotareva, N. S. - Stratigraphic subdivision of the Upper Pleistocene in the northwestern part of the Russian Plain at the conference on problems in the stratigraphy and absolute geochronology of the Upper Pleistocene, p. 140.
 Kes', A. S., Timoshkina, V. A. - Scientific technological conference on the discussion of a general plan for comprehensive utilization and conservation of the water resources of Central Asia, p. 145.
 Mintz, A. A. - Discussion of the methodological plan for determining the effectiveness of the location of industries, p. 149.
 Akin'shin, N. N. - First conference on problems in the development and distribution of productive forces in the Volga Vyatka area, p. 150.
 Kotliakov, V. M. - Studying the snow cover, glaciers and glaciers of the Caucasus, p. 153.
 Isakov, Iu. A. - Academician Evgenii Nikanorovich Pavlovskii; an obituary, p. 155.
 Bulbakova, E. M., Chubukov, I. A., Shvareva, Iu. N. - Evgraf Evgrafovich Fedorov; an obituary, p. 157.

AKADEMIA NAUK SSSR, Institut okeanologii, Tsentr [ACADEMY OF SCIENCES OF THE U. S. S. R., Institute of Oceanography, Center]. Moscow, vol. 89, 1965. Fishes of the Indian Ocean and the seas of southeastern Asia.

Table of contents translated:
 Raas, T. S. - Commercial ichthyofauna and fish resources of the Indian Ocean, p. 3.

- Gorbanova, N.N. - Occurrence of the larvae of scombroid fishes (Pisces, Scombroidei) in the eastern part of the Indian Ocean. p. 32.
- Gorbanova, N.N. - Time and conditions of spawning of scombroid fishes (Pisces, Scombroidei). p. 36.
- Bekker, V.E. - Lantion fishes of the genus Hygophum (Myctophidae, Pisces); systematics and distribution. p. 62.
- Parin, N.V., Besednov, L.N. - Flying fishes (Oxypteropterygidae and Exocoetidae) of the Gulf of Tonkin. p. 101.
- Shantov, V.P. - Distribution of flying fishes in the Gulf of Tonkin as related to oceanographic factors. p. 118.
- Kovalyevskaya, N.V. - Eggs and juveniles of the garfishes (Belontiiformes, Pisces) from the Gulf of Tonkin. p. 124.
- Zviagina, O.A. - Materials on the development of lizard fishes (Pisces, Synodontidae). p. 146.
- Zviagina, O.A. - Materials on the development of Therapon theraps Cuv. et Val. (Pisces, Theraponidae). p. 162.
- Gorbanova, N.N. - Spawning of the scombroid fishes (Pisces, Scombroidei) in the Gulf of Tonkin of the South China Sea. p. 187.
- Perisova-Ostrovskaya, T.A. - Larvae of the flatfishes (Heterosomata) of the Gulf of Tonkin. p. 177.
- АКАДЕМИЯ НАУК СССР. Сибирское отделение. Институт географии Сибирского Дальнего Востока. Доклады (ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Institute of the Geography of Siberia and the Far East. Reports) Irkutsk, no. 2, 1962**
- Table of contents translated:
- Budantsev, B.R., and others. - Comprehensive utilization and conservation of the natural resources of Lake Baikal. p. 3.
- Sobchava, V.B. - Points of departure for the classification of taiga lands on a geographical landform basis. p. 14.
- Mikhailov, I.U.P. - Some problems in the study of natural geographical conditions as related to the development of agriculture in the Krasnoyarsk area of the Angara Valley. p. 24.
- Voronov, G.A., Reimers, N.F. - Distribution and biology of insectivores and rodents in the taiga of the upper Lena Valley. p. 35.
- Kozlov, K.A. - Landform microbiology. p. 47.
- Vorob'ev, V.V. - Present state and basic problems of the population geography of Siberia and the Far East. p. 56.
- Polevoi, B.P. - Location of the first Russian settlement on the Kolyma River. p. 66.
- 6, 1964.**
- Table of contents translated.
- Sobchava, V.B. - Outlook for future geographical study of the West Siberian Plain. p. 3.
- Mel'nikov, P.I., Grave, N.A. - Trend and ways of studying rocks frozen for many years as a geographical phenomenon. p. 10.
- Segnidi, Sh. - Outlook for the work of the Institute of Geography and Pedagogical Study of the Academy of Sciences of the Mongolian People's Republic. p. 16.
- Chelyms, E.G. - Indicator role of the snow cover in studying winter conditions in taiga regions. p. 18.
- Zachurina, G.V., Popov, L.V. - Problems in efficient utilization and conservation of the water resources of rivers in Irkutsk Province. p. 20.
- Skrylnik, G.P. - Genesis of the hillock-and-sink relief in the basin of the Ilm River. p. 39.
- Sklytko, V.A. - Trace element migration in soils and vegetation in the southern taiga of central Siberia. p. 40.
- Belov, A.V., Rishin, V.A. - Problems in phytogeography of the lower Angara Valley. p. 64.
- Parusilin, I.U. - Some characteristics of spatial differentiation of natural complexes at the northern limit of arboreal vegetation (lower reaches of the Lena River). p. 60.
- Medvedev, I.U.O., Lopatin, D.V., Sklytnik, G.P. - Mount Chekanovsky. p. 67.
- Hotelski, V.P. - Regional economic-geographical studies in the southern areas of Eastern Siberia and basic trends in their further development. p. 72.
- Odintsov, G.M. - Geographical aspects of the mica industry in Eastern Siberia. p. 81.
- Onova, I.U.G. - Role of the coal resources of the Irkutsk Basin in the development of the taiga areas of central Siberia. p. 87.
- 7, 1964.**
- Table of contents translated:
- Lotter, S.P. - Old plantation and erosional surfaces in the southern part of the Yenisey Ridge. p. 3.
- Chelyms, E.G. - Geographical differentiation of the snow cover in mountain taiga and its relation to the system of natural complexes. p. 13.
- Cham'yanova, N.V., Druzhinin, I.P., Konvalenko, Z.P. - Estimating the relation between the variations of geographical processes and solar activity. p. 23.
- Boichuk, V.V. - Variability of natural phenomena and its estimation in establishing geographical regions. p. 29.
- Zakharov, V.F., Popov, K.V., Savitski, V.G. - Effect of certain climatic features of Siberia on the operating efficiency of machinery. p. 37.
- Fish, V.A. - Theoretical problems in the study of landforms. p. 42.
- Nedashov, A.A. - Basic characteristics of the development of mountain taiga regions in Transbaikalia. p. 51.
- Vorob'ev, V.V. - Development of taiga areas and the problem of their settlement. p. 58.
- Polevoi, B.P. - The original of S.U. Remizov's "Map book of Siberia" published in 1701. p. 65.
- Kotov, V.A. - Siberian geographers at the international congress in London. p. 72.
- Ignatiev, L.I. - Paths of further development of medical geography, scientific results of the 22d International Geographical Congress. p. 79.
- Koliago, S.A., Kuz'min, V.A. - Problems of soil geography at the Eighth International Congress of Soil Scientists in Bucharest. p. 85.
- KARTOGRAFICHESKAYA LETOPIS', 1964 [CARTOGRAPHIC CHRONICLE, 1964].** Issued by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber] - Moscow, 1965
- ЛЕНИНГРАД. ГОСУДАРСТВЕННЫЙ ГИДРОЛОГИЧЕСКИЙ ИНСТИТУТ. Труды [STATE HYDROLOGICAL INSTITUTE, Transactions].** No. 123, 1965. Experimental hydrologic research in the Volody.
- Table of contents translated:
- Golubev, V.S., Zolotarev, N.V., Zikov, N.A. - Some results of studies of liquid precipitation in the region of the Volody Hills. p. 5.
- Kostovskii, O.I. - Methodology of calculating the water balance of river basins in a zone of excess moisture. p. 15.
- Fedorov, S.F. - Evaporation from forest and field in years different in humidification. p. 22.
- Pomykin, B.A. - Water loss to evaporation from fields planted with beans. p. 36.
- Chulchrey, V.K. - Method of making calculations of the supply of moisture in soils more exact. p. 48.
- Korchukha, I.U.M. - Study of the structure of the distribution of velocities in the stream and channel deformations at the bend of the Polomet' River. p. 53.
- Kolesov, G.P. - Interaction of river waters with the banks during the spring flood in the Shelon' River basin. p. 70.
- Golubev, V.S. - Some results of research on the precipitation moving ground of the Volody Scientific Research Hydrologic Laboratory. p. 81.
- No 120, 1965. Studies and calculations of ice phenomena on rivers and reservoirs.**
- Table of contents translated:
- Rymsha, V.A., Donchenko, R.V. - Studies and calculations of the freezing of rivers and reservoirs. p. 3.
- Berdemirov, V.P. - Physical characteristics of the ice of gorges and jams. p. 19.
- Chirkov, A.N. - Formation of ice jams on mountain rivers. p. 41.
- Dezhnev, A.G. - Study of ice pressures on the floodgates of the hydrostations of the Svih' series. p. 67.
- МОСКОВ. ГОСУДАРСТВЕННЫЙ ОКЕАНОГРАФИЧЕСКИЙ ИНСТИТУТ. Труды [STATE OCEANOGRAPHIC INSTITUTE, Transactions].** No. 84, 1965. Problems of marine meteorology and oceanography.
- Table of contents translated:
- Sorkina, A.I. - Types of atmospheric circulation and wind fields over the northern part of the Atlantic Ocean. p. 5.
- Babenkov, E.F. - Role of advection in the thermal interaction of the sea and atmosphere. p. 132.
- Goplarov, N.P. - Scheme for calculating the characteristics of the turbulence of the surface boundary layer. p. 171.
- Rzheplinski, G.V. - Method of calculating the regime and climatic characteristics of ocean waves and its basis. p. 182.
- Makarov, I.U.V. - Seasonal changes in the hydrologic structure and hydrologic characteristics of the Kuroshio and California Current. p. 225.
- Merislova, N.B. - Variability of temperature and salinity in the Norwegian Sea. p. 243.
- Gruzinov, V.M. - The hydrologic front as a boundary of natural zones in the ocean. p. 252.
- ПРОБЛЕМЫ АРКТИКИ И АНТАРКТИКИ [PROBLEMS OF THE ARCTIC AND THE ANTARCTIC].** Issued by Arkticheskiy i antarkticheskiy nauchno-issledovatel'skiy institut [Arctic and Antarctic Scientific Research Institute]. Leningrad, no. 20, 1965.
- Table of contents translated:
- Treshnikov, A.F. - I.D. Papanin on his 70th birthday. p. 5.
- Borisenkov, E.P. - Interaction of geophysical processes in the northern and southern hemispheres in the problem of general atmospheric circulation. p. 11.
- Antonov, V.S., Giliarov, N.P., Ivanov, V.V. - Experimental studies of the water regime of the Ob' Delta. p. 23.
- Gavrilova, L.A. - Vertical extent of the pressure systems in the Arctic. p. 31.
- Bohotinskaya, M.Sh. - Relation of the change in the frequency of forms of atmospheric circulation to solar activity. p. 40.
- Duzuev, A.I.A., Sheshterikov, N.P., Timercy, A.A. - Albedo of ice in the Arctic seas according to data of aircraft observations. p. 49.
- Baranov, G.I. - Dispersion analysis of the strength of Antarctic sea ice. p. 55.
- Lavrov, V.V. - Effect of the structure of ice on its strength. p. 61.
- Bespozvannaya, A.S. - Geographic distribution of auroral-type absorption according to data of vertical sounding of the ionosphere. p. 68.
- Lakhtonov, A.F. - Along the pages of historical documents on the priority of the discovery of Antarctica. p. 75.
- Gakkol', I.A.I.A., Goriatov, S.E. - Important event in the history of navigation. p. 84.
- Petrov, B.U. - Determination of retention stresses in the jamming of an icebreaker. p. 92.
- * ПРОБЛЕМЫ СЕВЕРА [PROBLEMS OF THE NORTH].** Issued by Komissiya po problemam Severa Soveta po izucheniyu i oizvoditel'nykh sil Akademii nauk SSSR [Commission on the Problem of the North of the Council on the Study of Productive Forces of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, 1965. Economics.
- Table of contents translated
- Foreword. p. 3.
- Slavin, V.S. - Main problems of the development and distribution of the productive forces and the improvement of the economic efficiency of the mastering of the North. p. 5.
- Granik, G.I. - Problems of the distribution of the productive forces in the northern part of the European U.S.S.R. p. 14.
- Belousov, D.V. - Problems of the development of the natural resources of the northern part of the West Siberian Plain. p. 24.
- Tarasov, G.L. - Problems of the distribution of the productive forces of the northern part of the Yenisey Valley. p. 32.
- Shapalin, B.F. - The most important problems of the development and distribution of the productive forces of the Northeastern Economic Region and Kamchatka Province. p. 38.
- Glotov, V.V., Katsenelenbaum, A.Z. - Main paths of the development of the lumbering and the paper industries in the northern part of European Russia. p. 40.
- Froldin, I.L., Granik, G.I., Monakhovich, L.S. - Production relations of the northern part of European Russia and ways to improve them. p. 72.
- Ianovskii, V.V. - Efficient scheme for the inter-regional traffic flow of Magadan Province. p. 86.
- Loginov, V.P., Puzanova, V.F., Ianovskii, V.V. - Developing of the Far North and the problems of industrial complexes. p. 98.
- Kupitsa, K.K. - Problems of increasing the economic efficiency of construction in the Far North. p. 107.
- Mokkel', S.A., Sergeeva, L.A. - Practice in the analysis of meteorological data for an economic study. p. 113.
- Popov, K.V. - Problems of the cold-resistance of technical devices in Siberia and the Far North. p. 121.
- Dogaev, I.U.M. - Economic characteristics of the use of automotive transportation in the north-eastern part of the U.S.S.R. p. 130.
- Potapenko, V.V. - Ways of developing underground mine workings in permafrost places. p. 138.
- Gavronskii, A.A. - Power and economic indices of thermal water wells of Kamchatka and other regions of the Union. p. 147.
- Bernshein, L.B. - Prospects for utilizing the tidal energy of the White Sea. p. 167.
- Anufriev, A.F. - Problems of developing small-scale power systems in the forest zone, as exemplified by the northwestern part of the R.S.F.S.R. p. 182.
- Zenger, N.M. - Ways to improve the economics of water supply in the regions of the North. p. 184.
- Alekseeva, T.I. - The driftable in the North. p. 201.
- Kuprilanov, A.B. - Organization of the study of the territories of the North abroad. p. 207.
- Bogomolov, G.P., and others. - Prospects for the development of the petroleum and gas industries in the lower part of the Ob' Valley. p. 214.
- Dostal', V.G. - Some problems of the exploitation of the forests of the lower Ob' inga. p. 219.
- Tiumentsov, N.F. - Agricultural significance of the flood-plain lands of the northern part of the Ob' and the Irtysh Valleys. p. 225.

- Mozhetov, V. S. - On the possible extent of the rise of the ground water level in the shore regions of the Lower Ob' Reservoir. p. 232.
- Orlov, V. I. - Possible rise of ground water in the northern regions of the West Siberian Plain. p. 235.
- Andreev, V. S. - The problem of navigation in the mouth of the Ob' River in connection with a possible construction of the Lower Ob' Hydroelectric Power Station. p. 250.
- Vorobey, S. L. - Scope and nature of the effect of the projected Lower Ob' Reservoir on the local climatic characteristics of the adjacent territories. p. 233.
- Klejo, S. V. - Effect of the projected Lower Ob' Hydroelectric Power Station on the nature and economic complex of the West Siberian Plain. p. 261.
- Rubtsov, I. N. - In the Scientific and Technical Council for Cold-Resistance attached to the Siberian Branch of the Academy of Sciences of the U.S.S.R. p. 268.
- Vorobey, M. I. A. - Work of the Scientific Council on the comprehensive problem of designing railways transport machines for work in the northern and northeastern regions of the R.S.F.S.R. p. 271.
- Shapalin, B. F. - Economic and technical problems of the Northern Sea Route. p. 277.
- Danishavskii, G. M. - Results of scientific work on the acclimatization of man in the North and problems of fur studies. p. 287.
- Kulagin, V. I. - Scientific and technical progress and the efficiency of capital investments in the mining areas of the Far North. p. 292.
- Vartapetian, S. M. - Using as fertilizers the Monchegorsk mining and ore dressing industry by-products containing microelements. p. 286.
- The Second Plenum of the Interdepartmental Committee for the Problems of the North. p. 300.
- Resolution of the Second Plenum of the Interdepartmental Committee for the Problems of the North of the Council for the Study of the Productive Forces attached to the State Planning Commission, June 1-3, 1964. p. 321.

REFERATIVNYI ZHURNAL GEOGRAFIYA [JOURNAL OF ABSTRACTS: GEOGRAPHY] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no 10, Oct 1965

c. GEOLOGY & PALEONTOLOGY

- LENINGRAD, NAUCHNO-ISLEDOVATELSKII INSTITUT GEOLOGII ARKTIKI, Uchenye zapiski, Regionalnaya geologiya [SCIENTIFIC RESEARCH INSTITUTE OF THE GEOLOGY OF THE ARCTIC, Studies, Regional Geology], No.3, 1964.
- Table of contents translated.
- Pol'kin, I. A. - Fundamentals of a unified stratigraphic scale of volcanic formations in the northwestern part of the Siberian Platform. p. 5.
- Doddy, D. A., Sukhov, L. G. - Practice in the composition of the unified stratigraphic scale of volcanic formations in the northwestern part of the Siberian Platform (Yenisey ore area). p. 27.
- Arkhipova, A. I., Nachinkin, M. G. - Nizhneokolinsk differentiated intrusion in the western margin of the Noril'sk Plateau. p. 51.
- Voronov, P. S. - Geological nature of the correlation of the basic morphometric characteristics of the earth's continents. p. 62.
- Ivanova, A. M. - Paleogeochemical method of prospecting for ores in the Arctic regions (northwestern Siberian Platform). p. 75.
- Fadeev, V. A., Kuznetsov, A. A. - Difference between the intrusive and effusive facies of trap magma. p. 87.
- Aplonov, V. S. - Nature of jointing in the limits of the Verkhoyansk crystalline zone (Neilon-Dzhardzhan interfluvial). p. 85.
- Volk, V. E., Krivkov, S. M., Levin, D. V. - Basic characteristics of the subsurface structure in the western part of the Taymyr depression according to aeromagnetic data. p. 107.
- Rusakov, I. M., Trukhalev, A. I. - Ancient geological formations of the Koryak Range and their place and role in its geotectonic development. p. 129.
- Gvitzd, D. I. - Study of the structure of the Ust' Yenisey depression using the methods of magnetotelluric profiling and magnetotelluric sounding. p. 195.
- Rubnovich, R. S., Evzikova, N. Z. - Use of infrared spectroscopy for the study of celadite. p. 210.
- Kovalova, G. A. - Copper-nickel mineralization in the differentiated dike of olivine gabbro-dolerite in the central Taymyr Peninsula. p. 226.
- Volkov, I. D. - Methods for the geochemical assaying of gabbro-dolerite intrusions in the Noril'sk region. p. 231.

LITOLOGIYA I POLEZNYE ISLOPACHMYE [LITHOLOGY AND MINERAL RESOURCES]. Issued by Akademii nauk SSSR and Gosudarstvennyi geologicheskii komitet SSSR [Academy of Sciences of the U.S.S.R. and the State Geological Committee of the U.S.S.R.] Moscow, no.3, May-June 1965.

- Table of contents translated.
- Gavrilov, A. A. - Ordovician volcanic sedimentary complex of the Southern Urals. p. 3.
- Krut, I. V. - Middle Paleozoic volcanic sedimentary formations in the piedmont trough of the Greater Caucasus. p. 18.
- Brovko, G. N. - Taumontite mineralization in the Devonian volcanic sedimentary layer of the Minusinsk trough. p. 35.
- Zaritskii, P. V. - Iron, magnesium, and calcium isomorphism in the carbonate concretions of coal-bearing sediments in the Donets Basin. p. 45.
- Troianov, M. D. - Characteristics of some labonite sediments with a syngenetic lead-zinc mineralization in one of the regions of western Uzbekistan. p. 61.
- Logvinenko, N. V. - Some characteristics of the megaclasses of terrigenous rocks in geosynclines. p. 70.
- Pastukhova, M. V. - Study of authigenous aluminosilicate minerals in siliferous rocks. p. 78.
- Bragin, I. N. - Triassic bentonites in the Donets Basin. p. 81.
- Kirsanov, N. V., Vlasov, V. V., Sabitov, A. A. - Mineralogical composition of bentonites in the Nut-lat deposit of the Tatar A.S.S.R. p. 88.
- Sakharova, E. I. - Some observations on the schistosity of recent eolian sediments in the Ob' Valley. p. 105.
- Lapo, A. V. - Interpretation of the results of coal fractionation. p. 114.
- Despalov, I. M. - Problems in prospecting for stratified copper ores in the Donets Basin. p. 120.
- Mogorovskii, V. V. - Inclusions of bitumens in the celestine crystals. p. 123.
- Mukhin, I. V. - Role of geological time in the compaction of clay sediments. p. 126.
- Kopelovich, A. V. - Amount of displaced matter during a change in the grain size in connection with the secondary alterations of some sedimentary rocks. p. 130.
- Puzanov, L. S., Dmitrik, A. I. - Some problems in studying the deceleration of minerals. p. 134.
- Kossovskaya, A. G., Shulov, V. D. - Second Conference on the Physical Methods of the Study of Minerals in Sedimentary Rocks. p. 147.
- Listayn, A. P. - Semblance on the terrigenous sedimentation and geochemistry of iron and manganese in the Pacific Ocean. p. 152.
- Krasneninikov, G. F. - Problems of lithology on the 22d session of the International Geological Congress in India. p. 155.

REFERATIVNYI ZHURNAL GEOLOGIYA [JOURNAL OF ABSTRACTS: GEOLOGY] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 10-11, Oct-Nov 1965

- SOVETSKAYA GEOLOGIYA [SOVIET GEOLOGY] Organ of Gosudarstvennyi geologicheskii komitet SSSR [State Geological Committee of the U.S.S.R.] Moscow, vol. 8, no. 8, Aug. 1965.
- Table of contents translated.
- Sheinmann, I. M. - New data on ocean basins and their significance for general geology. p. 3.
- Genshaft, I. S., and others. - Crystallization of basalt at the pressure of 25 kilobars and temperatures from 800° to 1300°. p. 26.
- Einor, O. L., Bel'govskii, G. L., Smirnov, G. A. - Basic characteristics of the geological development and paleogeography of the U.S.S.R. in the Carboniferous. p. 32.
- Zamarenov, A. K., and others. - Tectonics of the western part of the Mugodzhur Hills region and evaluation of the prospects for finding oil and gas in the subalt Upper Paleozoic sediments. p. 45.
- Kazalnov, V. P. - Theory and practice of the lithoformational method. p. 54.
- Markovich, V. P., Teodorovich, G. I. - Characteristics of the distribution of oil and gas fields in the West Siberian Plain. p. 69.
- Zhuze, N. G. - Studying the possibility of oil formation in the Middle and Upper Devonian carbonate sediments in the western slope of the Central Urals and southeastern slope of the Southern Timan Range. p. 78.
- Burenkov, E. K., Kuzina, K. I. - Significance of the prospecting reliability of indicator plants in prospecting for minerals as revealed by prospecting for boron deposits. p. 80.
- Liaschenko, G. P. - Concretion zones in the Devonian of the Russian Platform and the western slope of the Urals. p. 97.
- Dolitskii, A. V. - Coding of geological information. p. 109.

- Shumakov, I. V. - Statistical processing of the data of heavy concentrate trading to determine mineral resources associated with diamonds as revealed by a study in one of the regions in the Central Urals. p. 115.
- Azhiksey, M. Kh., and others. - Immediate problems and possibilities of increasing the economic efficiency of geological works. p. 120.
- Mitushnikov, L. D. - Pre-Hercynian volcanism in the northern part of the Siberian Platform. p. 149.
- Kizeval'ter, D. Z. - Age of the Kurumay series (northern Caucasus). p. 146.
- Dubinskii, A. I., Matvienko, N. A. - Volcanic sedimentary formation in the bottom of the subchamber cover in the eastern part of the Rythim platform. p. 161.
- Kropachev, A. M., Kropacheva, T. B., Khanikh, V. Z. - Minor (accessory) elements in the rocks of the Solikamsk and Yuryuzan'skya Depressions. p. 167.
- Kuznetsov, E. A. - In memory of B. V. Dubrovskii obituary. p. 169.
- Andrei Dmitriyevich Mukhobho-Mukhal, obituary. p. 171.

13. SCIENCE

a. GENERAL

*AKADEMIYA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U.S.S.R. Reports]. Moscow, vol. 164, no. 4, Oct 1965.

Table of contents translated:

MATHEMATICS

- Dorevich, Z. I., Faddeev, D. K. - Note on addition with a cyclic index. p. 727.
- Vizing, V. G. - Estimation of the external stability number of a graph. p. 729.
- Gokhsberg, I. B., Krein, M. G. - Multiplicative representation of the characteristic functions of operators closely approaching unitary operators. p. 732.
- Zorich, V. - Determination of boundary elements by means of commutators. p. 736.
- Lomel, V. G. - On a property of alternative quasigroups with an invariant finite measure. p. 740.
- Polonov, V. I. - Cauchy problem for a linear differential equation of infinite order. p. 743.
- Semenov, P. M. - Interpolation of linear operators in symmetrical spaces. p. 746.
- Uspenski, S. V. - Boundary properties of a class of differentiable functions in smooth regions. p. 750.
- Iamshchikov, A. - Problem of the directional derivative. p. 753.

CYBERNETICS AND REGULATION THEORY

- Vershmanov, R. R. - Theory of noncommutative codes. p. 757.

HYDROMETEOROLOGY

- Pol'kin, S. P. - Existence of a second pressure peak in a turbulent layer. p. 761.

THEORY OF ELASTICITY

- Ivlev, D. B., Martynova, T. N. - Properties of general equations in the ideal plasticity theory. p. 764.

MATHEMATICAL PHYSICS

- Filippov, D. V., R'zhakala, G. B. - Existence and uniqueness of the solution to Boltzmann's equation. p. 769.

PHYSICS

- Adzhovich, E. I., Dubrovskii, L. A. - Dielectric constants and the square law of current density in a space charge. p. 771.
- Vladimirov, V. V. - Current convection of the positive column in a magnetic field at low pressure. p. 775.
- Kobayashi, S. I. - Semiclassical approximation in the theory of electric conductivity. p. 778.
- Rudnik, V. M. - Relation between the Barkhausen effect and the amount of permanent magnetization in nickel. p. 782.
- Sadovnikov, D. I. - An equation for "classical" Green functions in the kinetic approximation. p. 785.
- Stanekovich, K. P. - Electrodynamics in Heisenberg space. p. 788.

TECHNICAL PHYSICS

- Ioffe, S. B., Drelchko, N. M. - Phase-dispersed interference-polarization filters. p. 793.

GEOPHYSICS

- Lebedev, S. I. - Calculation of processes caused by the penetration of ice crystals into supercooled small-drop clouds. p. 798.

CRYSTALLOGRAPHY

- Aleksandrov, K. B. - Mean values of tensor quantities. p. 800.

- Fedorov, F. I. - General formula for the Debye temperature of crystals. p. 804.

CHEMISTRY

- Dabaeva, A. V., Khananova, E. A. - Ethylenediamine complexes of tetravalent palladium of the tetraammine type. p. 807.
- Egorenko, G. A., Stashevich, D. S., Antonov, I. S. - Thermal analysis of the system sodium borohydride-hydrazine. p. 809.

- Kabachnik, M. I., Gillarov, V. A., Iusupov, M. M. - Stable salts of alkylaminophosphoniums with a delocalized anion charge. p. 812.
- Kondrat'eva, G. I. A., Kham Chih-Pien [Huang Chih-heng]. - Reaction of oxazoles with acrylic acid. p. 816.
- Molodkin, A. K., Ivanova, O. M., Kochumova, A. N. - Some carbamide-containing complex thallium halides. p. 820.
- Nefedov, O. M., and others. - Structure and thermal degradation of cyclic and linear polymers of dimethylallylene and dimethylglycylene. p. 822.
- Seldov, N. M., Dalin, M. A., Kizomov, S. M. - Preparation of an ethylene-butylene elastomer in a liquid butylene medium. p. 826.
- Iurkevich, A. M., Kolodkina, I. I., Prokhorovskii, N. A. - 2',3'-Phenylthio ester of adenosine in the synthesis of adenosine-5-monophosphate. p. 828.
- Iasnitskii, B. G., Kovalenko, G. I., Dolberg, E. B. - Certain regularities in the dielectric liquid phase photooxidation of triethylenylene. p. 831.
- PHYSICAL CHEMISTRY**
- Vecher, R. A., Gelderikh, V. A., Gerasimov, I. A. I. - Thermodynamic properties of iron-silicon alloys. p. 835.
- Golodets, G. I., Vlasenko, V. M., Iuzefovich, G. E. - Analysis of the experimental entropy of activation of the processes of hydrogenation of carbon oxides on a nickel catalyst. p. 839.
- Kaplan, I. G. - Distribution of ionizing radiation energy in molecular mixtures. p. 842.
- Lazarov, V. B., Malov, I. I. - Photoelectric phenomena in diluted alkali metal amalgams. p. 846.
- Lipatova, I. P. - Vanadyl chloride solutions in organic solvents studied by the methods of infrared absorption and electron paramagnetic resonance spectra. p. 849.
- Malants, L. S. - Distribution of probabilities for the internal coordinate of a polyatomic molecule in a vibrational stationary state. p. 852.
- Parbuzin, V. S., Panchenkov, G. M. - Temperature dependence of the coefficients of separation of isotopic molecules D_2 - H_2 , D_2 - HD , and HD - H_2 on synthetic zeolites NaX and NaY in the case of sorption under isobaric conditions. p. 856.
- Rivkind, A. I., Kuznetsova, L. P. - Breakdown of the hydrate shells of vanadyl ions under the effect of the electrostatic field of diamagnetic ions. Study by the electron paramagnetic resonance method. p. 860.
- Spitsyn, V. I., Arakelov, V. S. - Diffusion coefficients determined by the absorption method from the average displacement. p. 864.
- Shchennikova, M. K., and others. - Catalytic decomposition of alkyl hydroperoxides studied by means of electron paramagnetic resonance. p. 868.
- GEOLOGY**
- Voltoch, V. S. - Genesis of the most recent suprafracture anticlines along the Dzhangtan fault and their similarity to the fault-fold of the hills of Gafsa and the gash folds of Fergana Province. p. 873.
- Liched'ko, G. I., Uskov, M. V. - Structure and composition of the basement in the southwestern slope of the Vorenzh anticline. p. 877.
- Orlov, G. G., Ovchinnikov, L. N. - Abyssal nature of the aeromagnetic method of prospecting for iron ore deposits in the Ural. p. 881.
- Ternovoi, I. V., and others. - Crustal deformation in the development of the North Stavropol gas field. p. 885.
- Tikhomirov, S. N. - New massifs of rapakivi granites in the Baidar region and Leningrad Province. p. 889.
- Khursk, V. Z. - Possibility of finding oil-bearing reef massifs in the Ural Mountain region portion of Perm Province. p. 891.
- MINERALOGY**
- Diman, E. N., Nekrasov, I. A. - Hydrothermal syntheses of cordierite and its analogs. p. 894.
- PETROGRAPHY**
- Kostiuk, E. A., Sobolev, V. S. - Paragenetic types of the amphiboles of the hornblende-actinolite series in metamorphic rocks. p. 898.
- Proskurko, A. I. - Presence of alkali differentiates of basaltoid magma in the Paleozoic basement of the Kara Kum platform. p. 902.
- LITHOLOGY**
- Froshchev-Shak, V. A., and others. - Association of clay minerals in the Upper Pamenian rocks and ores of the Dzhal'nd trough. p. 906.
- GEOCHEMISTRY**
- Lazarov, K. P., and others. - Concentration of mesothorium-1 in the waters of the Black Sea. p. 910.
- Parchevskii, V. P., Polikarpov, G. G., Zharunova, I. S. - Some characteristics of the accumulation of yttrium and strontium by marine organisms. p. 913.
- Shcherbakov, I. G. - Geochemical classification of elements. p. 917.
- GENETICS**
- Dobrotsova, T. B., Lutkov, A. N., Manzhos, A. M. - Spontaneous polyloid and triploid forms of twin sugar beet plants. p. 921.
- Nikitenko, G. F., Nesterenko, L. M. - Some problems of the biology of barley flowering. p. 925.
- HYDROBIOLOGY**
- Tel'man, A. P., and others. - Use of polymetallic ores and their products as algicides. p. 928.
- MICROBIOLOGY**
- Krasnikov, N. A., and others. - Flagelliform outgrowths in Azotobacter. p. 931.
- BIOPHYSICS**
- Bukakova, L. B., and others. - Relation between the radioprotective and antineoplastic effects of inhibitor-antioxidants. p. 934.
- BIOCHEMISTRY**
- Rozengart, V. I., Balashova, E. K. - "Aging" mechanism of cholinesterase depressed by organophosphorus inhibitors. p. 937.
- PLANT MORPHOLOGY**
- Belostokov, G. P. - Characteristics of the morphogenesis of leaf rudiments in some woody plants of the Far East. p. 941.
- EXPERIMENTAL MORPHOLOGY**
- Bukhonova, A. I. - Content and distribution of salt-hydrol and α -acylamidecarboxyl groups in regenerating structures under the influence of hormones. p. 945.
- Polezhaev, L. V., Kolobin, S. P., Solntseva, G. N. - Stimulation of regeneration of the heart muscle in diphtherial myocarditis. p. 949.
- Vol. 104, no. 5, Oct. 1965.
- Table of contents translated.
- MATHEMATICS**
- Aranon, S. Kh. - Systems of the first degree of non-roughness on a torus. p. 950.
- Dezin, A. A. - Theory of d - A operators. p. 953.
- Efimov, B. - Power of Hausdorff spaces. p. 957.
- Zelazlov, B. A. - Properties of the determinant of matrices commutable with similar integral matrices, and some of their applications. p. 971.
- Kats, I. S. - Some cases of the uniqueness of solution to the inverse problem of strings with a boundary condition at the singular end. p. 975.
- Kovalenko, I. N. - Restoration of the characteristics of a system from observations of an outgoing flow. p. 979.
- Monakhov, V. N. - Uniqueness of solutions to two-dimensional gas dynamics problems with free boundaries. p. 982.
- Osmatka, P. K. - Continuation of perfect mappings to two-extensions. p. 985.
- Rulman, M. A. - Integral representation of functions forming a Markov series. p. 989.
- CYBERNETICS AND REGULATION THEORY**
- Finkel'shteyn, I. U. - Algorithm for solving problems of integral linear programming with Boolean variables. p. 993.
- HYDROMECHANICS**
- Gokhman, A. M., Rao, E. V. N. - Velocity field due to singularities in a thin layer of variable thickness. p. 997.
- Listrov, A. T. - Stability of parallel flows of non-Newtonian media. p. 1001.
- MATHEMATICAL PHYSICS**
- Lovanovskaya, I. T., Ufimtsev, I. A. - A class of problems in mathematical physics with a mixed spectrum of eigenvalues. p. 1005.
- PHYSICS**
- Kogan, V. I., Abramov, V. A. - Emission of a finite volume of nonequilibrium plasma. p. 1008.
- Kozlovskiy, V. K., Kulevskii, L. A., Prokhorov, A. M. - A CO₂ laser with two-photon excitation by a ruby laser. p. 1012.
- Kravchenko, A. F., Rzhanchov, A. V., Sardarian, V. S. - Longitudinal Hall effect in cubic crystals. p. 1016.
- Makamov, M. N., Marochnik, L. S. - The critical wavelength in collisionless gravitation systems. p. 1019.
- Osherovich, A. L., Vorobayev, I. A. F. - Observation of cascade transitions due to electronic excitation of cadmium. p. 1022.
- Sadovnikov, B. I. - Asymptotic behavior of classical Green functions in "viscous hydrodynamic approximation." p. 1024.
- TECHNICAL PHYSICS**
- Buravikhin, V. A., Popov, V. I. - Effect of elastic stresses on the structure of interdomain boundaries in ferromagnetic films. p. 1028.
- Dekhter, I. A., Fedchenko, R. G. - Effect of plastic deformation on the magnetic susceptibility of solid solutions. p. 1032.
- Kragelski, I. V., Rybalov, S. I. - Temperature dependence of the specific wear of rubber gliding on metal. p. 1035.
- Lubov, B. A., Chernizer, G. M. - Interaction between a uniformly moving edge dislocation and impurity atoms in anisotropic face-centered cubic crystals. p. 1037.
- CHEMISTRY**
- Arbuzov, B. A., and others. - Structure of allobetene dioxide. p. 1041.
- Artukhin, P. I., and others. - Extractive properties of β - β' -dichlorodimethyl ether (chlorox). p. 1044.
- Vorozhtsov, N. N., Jr., and others. - Synthesis of polyfluorinated chromones and flavones. p. 1048.
- Khichnikov, P. A., and others. - Reaction of phosphoric acid esters with 1,1-diphenylethane hydroperoxide. p. 1050.
- Kostanovskii, R. G., Prokof'ev, A. K. - Three-membered rings with coordination bonds. p. 1054.
- Nesmelanov, A. N., Kritskaya, I. I., Fedin, E. I. - Synthesis and properties of π - π allylcarbonyl complexes of iron. p. 1058.
- Nechiporenko, G. N., and others. - Mechanism of nitrogen fixation in the reacting system (C₂H₅)₂TiCl₂ - C₂H₅MgBr. p. 1062.
- Payshid, I. A. M., and others. - New method of synthesizing nitrogen-containing polymers with conjugate bonds and their electrophysical properties. p. 1065.
- Rudkovskaya, G. D., Sokolova, T. A., Koton, M. M. - Structure of polydimethylacrylamides. p. 1069.
- Ryzhmanov, I. U. M., and others. - Electron paramagnetic resonance in biradicals of the hydrazine series. p. 1073.
- Sveshnikov, N. N., Dami, N. A. - Action of phosgene on 1-alkyl-1,2-dihydro-2-quinolones and some reactions taking place between the compounds formed. p. 1077.
- Tartakovskii, V. A. - N-oxides of 3-nitroisoxanzolines in 1,3-dipolar cycloaddition reaction. p. 1081.
- Fushman, E. A., Tsvetkova, V. I., Chirkov, N. M. - Spectral features of catalytic polymerization of ethylene of the system (C₂H₅)₂TiCl₂ - Et₃AlCl and (C₂H₅)₂TiCl₂ - Et₃Al in an alkyl chloride medium. p. 1085.
- PHYSICAL CHEMISTRY**
- Genkin, A. N., and others. - Determination of the thermodynamic functions of interaction of substances with polar solvents by gas-liquid chromatography. p. 1089.
- Denisov, G. S., Ryl'tsev, E. V., Suglobov, D. N. - Appearance of dipole-dipole interaction in the infrared spectrum of solutions of trialkyl ammonium salts. p. 1092.
- Kuznetsov, N. M. - Interrelation between the vibrational relaxation and dissociation of diatomic molecules. p. 1097.
- Panchenkov, G. M., Kuznetsov, A. I., Makarov, A. V. - Possibility of separating nitrogen isotopes by the chemical exchange method using complex formation. p. 1101.
- Tsitseishvili, G. V., Andronikashvili, T. G., Chum-buridze, T. A. - Chromatographic properties of magnesium-containing type-X zeolites. p. 1104.
- Iakimov, E. D. - Structure-forming processes in aqueous suspensions of quartz as related to the formation features of an adsorption layer of a long-chain surface-active modifier. p. 1107.
- CHEMICAL TECHNOLOGY**
- Lavrov, I. V. - Some physicochemical regularities in the combustion of fuel. p. 1111.
- Vistelius, A. B., Faus, A. V. - Variations in the thickness of layers in the section of the Paleozoic flysch of the Southern Urals. p. 1115.
- Krymskii, V. M. - Stratigraphic correlation of the Igarka series with the Strel'nogorsk and Nizhne-sukharikhia effusives. p. 1119.
- Ladyshkina, T. E. - Problem No. 1 of the Yoldia Sea in the Baltic Sea region; based on the data of diatom investigations. p. 1122.
- Lapinskaya, T. A., Kuznetsov, V. G. - Correlation of the zone of the Kama-Kinel' depression with the tectonics of the crystalline basement. p. 1125.
- Malakhova, N. P. - Comparison of Permian sediments in the western and eastern slopes of the Urals. p. 1129.
- Moskaleva, S. V. - Structural correlations between the ultrabasic and gabbro-diorite complexes of the dunite-harzburgite formation. p. 1133.
- Siderenko, Z. V., Berger, V. I., Petrovskii, S. N. - Antimony-mercury ore zones in the Maritime Territory. p. 1137.
- MINERALOGY**
- Bershov, L. V., Marfumin, A. S., Mineeva, R. M. - Electronic paramagnetic resonance of Mg²⁺ in apophyllite. p. 1141.
- Rumiantsev, G. S. - Composition and properties of newly found minerals of the magnetite-jakobsite series in the Magnitovoye deposit (Buryat A.S.S.R.). p. 1143.
- GEOCHEMISTRY**
- Arnaudov, M. V., and others. - Nature of the variation of the composition of solutions in the formation process of the fluorite-bearing chambered pegmatite. p. 1147.
- Lazarov, K. F., and others. - Radium concentration in the waters of the Azov Sea and some lagoons. p. 1151.
- PALEONTOLOGY**
- Maslov, V. P. - Kopelidagari, a new tribe of verticillate Siphonaceae (green algae). p. 1154.
- GENETICS**
- Zoz, N. N., Kolotenko, P. V., Mnkarov, S. I. - Pen mutations induced by ethylenimine and its derivatives in the third generation. p. 1159.
- Shkvarnikov, P. K., Kulik, M. I., Safonova, V. T. - Relative mutagenic effectiveness of some chemical compounds on plants. p. 1161.

MICROBIOLOGY.

Ershov, F.I., Zhdanov, V.M. - Effect of PPLO on the production of interferon by infected cells. p. 1165.

BIOPHYSICS

Kalmanson, A.E., Chumakov, V.M., Troitsenko, V.L. - Structural water and electron transport in a cell. p. 1167.

Lidus, L.Kh., Otarova, G.K. - Protection of macromolecules against the realization of radiation-induced latent injuries. p. 1171.

BIOCHEMISTRY

Druzhnina, T.N., Novikova, M.A., Zhdanov, G.L. - Analogs of uridine diphosphoglucose in the reaction with uridine diphosphoglucose-4-epimerase. p. 1175.

Mosolova, I.M., and others. - O_2 absorption by chloroplasts under illumination in the presence of malic acid. p. 1179.

Timofeev, M.A., Kalfant, K.A. - Heterogeneity of information ribonucleic acids synthesized at the early stages of embryogenesis. p. 1183.

ZOOLOGY

Bralko, V.D. - Biology of the hibernating eggs of *Penilia avirostris* Dana. p. 1187.

EXPERIMENTAL MORPHOLOGY

Gusareva, E.V. - Innervation of the myocardium following its stimulated regeneration. p. 1190.

Pradnikov, E.V., Mikhailova, I.G. - Some protective tissue reactions of the embryos of pink salmon. p. 1194.

PHYSIOLOGY

Babshki, E.B., Donskikh, E.A. - Effect of $NiCl_2$ on electric and mechanical activity of the myocardium of a frog. p. 1197.

Mosidze, V.M. - Conditioned reflexes in dogs following section of the brain. p. 1201.

Sviderskiy, V.L. - Activity of single neurons in the thoracic ganglion in *Locusta migratoria*. p. 1204.

No. 161, no. 6, Oct. 1965.

Table of contents translated

MATHEMATICS

Budalan, G.V. - A problem in Watson's theory of transformations. p. 1215.

Bisidze, A.V. - Normally solvable elliptic boundary value problems. p. 1218.

Gelsberg, S.P. - Quasi-analytic functions in $L(-\infty, \infty)$. p. 1221.

Zelichak, T.I. - Solutions to certain mixed problems, as dependent on the boundary, for equations describing small oscillations of a rotating fluid. p. 1225.

Korhut, A.A. - Extremum spaces. p. 1229.

Lisick, A.F. - The problem of division in members of arithmetical progressions. p. 1232.

Lokutsievskiy, O.V. - Topology of continua. p. 1235.

Mamurov, E.D. - Cauchy limit problem for differential equations of first and second order with unbounded nonlinear potential operators. p. 1239.

Taitalin, M.A. - Elementary theory of classical Lie algebras. p. 1243.

MECHANICS

Kerimov, K.A. - Experimental study of the dynamic properties of materials using the method of unloading transverse impact. p. 1246.

AERODYNAMICS

Egorov, B.V., Zhigulev, V.N., Kuznetsov, V.M. - The equations of aerodynamics in the presence of binary molecular processes. p. 1249.

THEORY OF ELASTICITY

Fedinin, V.K. - A problem in the theory of elasticity. p. 1253.

ASTRONOMY

Lebedev, V.N., Kashcheev, B.L., Lagutin, M.F. - Characteristics of the motion of small meteoric bodies. p. 1256.

PHYSICS

Antonov, A.S., Iuskeselieva, L.G. - Study of a p-n-junction in silicon with the aid of liquid electrophotographic developers. p. 1260.

Izraelovich, I.S., Novikov, S.N. - Experimental study of gas flow through finely porous media in the region of transient pressures. p. 1263.

Kirenskiy, L.V., Pyn'ko, V.G. - Anisotropy of epitaxial cobalt films. p. 1267.

Li Chzhen-chzhun [Li Cheng-chung]. - Kinetic equation describing a nonideal degenerate Bose gas. p. 1269.

Rlutov, D.D. - Emission of electromagnetic waves during nonlinear interaction of surface oscillations in a two-dimensional plasma layer. p. 1273.

TECHNICAL PHYSICS

Aslanova, M.S., Khazanov, V.E. - Effect of high strength of glass and quartz fibers at -196° (in liquid nitrogen). p. 1277.

Guzin, P.L., Zharov, I.U.D. - Study on the interaction between point radiation defects and dislocations. p. 1280.

Kalmarski, I.S., Oriova, I.G., Dogtiareva, E.V. - Interrelation between setting and deformation in corundum sintering. p. 1283.

CRYSTALLOGRAPHY

Filonenko, N.E., Ivanov, V.I., Fed'gum, L.I. - Morphology of cubic crystals of boron nitride. p. 1286.

CHEMISTRY

Aibuzov, B.A., Isaeva, Z.G., Ratnei, V.V. - Structure of the oxide obtained in the oxidation of Δ^3 -caradiene by selenium dioxide. p. 1289.

Aidashinlov, A.A. - Interaction of aromatic amines with pyromellitic dianhydride. p. 1293.

Buslav, I.U.A., Davidovich, R.L. - Preparation and properties of some complex molybdenyl and tungstenyl fluorides and their properties. p. 1298.

Dolgoplost, B.A., and others. - Link formation mechanism in the stereospecific polymerization of dienes. p. 1309.

Zotova, S.V., Lova, G.V., Lukina, M.I.U. - Synthesis and catalytic hydrogenation of 2-phenylethylamine. p. 1303.

Isagullants, G.V., Komarova, L.N., Balandin, A.A. - Dehydrogenation mechanism of six-membered cyclohexanes. Dehydrogenation of methylcyclohexane on an aluminum-chromium catalyst. p. 1307.

Kabachnik, M.I., and others. - Polynuclear boron complexones. p. 1311.

Kirgintsev, A.N., Avvakumov, E.G., Vullch, A.I. - Behavior of alkali metal impurities in the crystallization of cesium salts from a melt. p. 1315.

Nameth, N.S., and others. - Synthesis of 1,4-bis-(dioganovinylsilyl)-benzenes. p. 1319.

Nifolov, A.V. - Coefficients, curves, and diagrams of salting-out in extraction. p. 1323.

Nifant'ev, E.L., Egorov, S.G. - Synthetic use of novolac resin phosphites. p. 1327.

Pudovik, A.N., Eysa'ev, G.I. - Synthesis of phosphorus-containing polyesters by means of homopolyesterification reaction. p. 1331.

IUzhenko, T.I., Puchin, V.A., Voronov, S.A. - Polymerization and copolymerization of some peroxide monomers. p. 1335.

PHYSICAL CHEMISTRY

Gupalo, I.U.P. - Contribution to the theory of aerosol filtration. p. 1339.

Ekh, Ch., and others. - Emission capacity and the liberation of the surface gas tag in the thermal decomposition of copper, nickel, and thorium oxalates. p. 1343.

CHEMISTRY TECHNOLOGY

Gaidadymov, V.D. - Concentration polarization in the demineralization of waters by electrodialysis with ion-exchange membranes. p. 1347.

Kruglitskiy, N.N., and others. - Characteristics of coagulation structure formation in dispersions of argillaceous minerals after autoclave treatment. p. 1351.

Cherkasov, P.A., Avelin, V.V., Savayia, A.M. - Deoxidizing capacity and activity of silicon in cobalt-chromium alloys. p. 1355.

GEOLOGY

Vergunov, G.P., Prizlukhina, A.F. - Miocene sediments of the Kullu Islands. p. 1359.

Ivanov, D.N., Kos'ko, M.K. - Linear parageneses of the main rock-forming elements of the andesite-basalts of Kamchatka. p. 1363.

Rin, A.V., Mineev, V.A., Shurko, I.I. - New data on the geology of the bottom of the Brazil depression. p. 1366.

Kazakov, I.N. - Age and correlation of the flyschoid formations of the Western Sayan Mountains. p. 1370.

Kicidenkov, G.P., Melamed, I.A.R. - Synchronism of the Alpine tectonic phases of Darvaz and the southern Tien Shan. p. 1374.

Krestiniov, V.N., Reiser, G.I. - Stratigraphy of the Tertiary continental sediments of Tuva in Central Asia. p. 1378.

Prakopchuk, B.I. - Weathering surface of the Oxford-Kimmeridge age in the northeastern part of the Siberian Platform. p. 1382.

Khashi, R.A., Kalenov, A.D. - Characteristics of the distribution of fluorite mineralization in eastern Mongolia. p. 1386.

MINERALOGY

Zolotukhin, V.V., Vasil'ev, I.U.R., Zhurav, N.I. - High-ferrous variety of brookite and a new diagram for prehnites. p. 1390.

GEOCHEMISTRY

Lilaz'ko, E.M., Liakhov, I.U.V., Piznui, A.V. - Double role of the gaseous phase of postmagmatic solutions in endogenous mineral formation. p. 1394.

CYTOLOGY

Kananade, I.S. - Sterility of bamboo. p. 1397.

GENETICS

Vasil'ev, A.E. - Induced component inversion in parietal nuclear chromosomes. p. 1401.

Dubinin, N.P., Dubinin, L.G. - Chemical protection against the genetic effect of small doses of ionizing radiations. p. 1405.

BIOPHYSICS

Dolgo-Saburov, V.S. - Change in the DNA content in cells of an irradiated organism. p. 1407.

Kuzin, A.M., Narbaev, N. - Quantitative characteristics of the formation of quinones in a gamma-irradiated plant tissue. p. 1409.

BIOCHEMISTRY

Shuppe, N.G., Gazarian, K.G., Prokoshkin, B.D. - Synthesis of AU-type RNA in animal cells. p. 1413.

Kutchanova, M.K., Kaverin, N.V. - Mechanism suppressing protein synthesis in cells infected by the Newcastle disease virus. p. 1417.

Mikhailovskiy, G.P., and others. - Effect of X-rays on the activity of aminoadyl-tRNA synthetase (pH 5 enzyme) in *Azotobacter*. p. 1421.

PLANT PHYSIOLOGY

Abraev, A.A. - Relationship between the growth of a pentose phosphate respiratory pathway in drought and the synthesis of nucleic acids. p. 1425.

Rublin, B.A., Gavrilenko, V.G., Garchova, M.V. - Some characteristics of the exchange of ferric porphyrin compounds in the roots and aerial organs of plants. p. 1429.

PHYSIOLOGY

Blank, V.L., Vinnitskiy, A.M. - Cardiac conditioned reflexes in fish with removed cerebellum. p. 1432.

PARASITOLOGY

Spasskiy, A.A., Shumilo, R.P. - Phenomena of the postlarval development of the protozoans and mites in cestodes of the genus *Tetracanthina* (Trematoda). p. 1436.

Vol. 105, no. 1, Nov. 1965.

Table of contents translated.

MATHEMATICS

Adamian, V.M., Arov, D.Z. - Scattering operators and contraction subgroups in Hilbert space. p. 9.

Andrunakievich, V.A., Rabinovich, I.U.M. - Primary ideals in noncommutative rings. p. 13.

Bronskikh, B.S. - Taylor-Dirichlet series. p. 17.

Geronimus, I.A.L. - Some limiting properties of orthogonal polynomials. p. 19.

Ershov, I.U.L. - Elementary theory of maximum normalized fields. p. 21.

Zhdanov, N.V. - A priori estimates and solvability of general boundary value problems for general elliptic systems with discontinuous coefficients. p. 24.

PHYSICS

Ivanov, I.S. - Free T-sums of multipole operator bodies. p. 28.

Karatuba, A.A. - Estimation of the number of solutions to certain equations. p. 31.

Plotnikov, V.L. - Uniqueness and existence theorems and a priori properties of generalized solutions. p. 33.

Pokhoyayev, S.I. - Eigenfunctions of the equation $Au + A'(u) = 0$. p. 36.

Sobolev, S.L. - Representation of analytic periodic functions by a sum of squares. p. 40.

Tsekunovskiy, E.R. - Generalized extensions of unbounded operators. p. 44.

CYBERNETICS AND REGULATION THEORY

Lunts, A.G. - Multipoles containing closing contacts of internal relays. p. 47.

Tsyplun, I.A., Eppel'man, M.S. - Criterion of the absolute stability of multiply connected pulse systems with nonstationary characteristics of nonlinear elements. p. 51.

ASTRONOMY

Sholnberg, G.S. - Inapplicability of Baldwin's relation in determining the causes of the genesis of lunar craters. p. 55.

PHYSICS

Basov, N.G., and others. - Propagation velocity of a powerful light pulse in an inviscidly populated medium. p. 58.

Vorona, I.U.M., Vertner, V.N. - Use of a doubly focusing electromagnetic lens in producing electron diffraction microphotons. p. 61.

Konstantinov, B.N., Kochanov, G.F. - Antiepileptic phenomena and radioradiation. p. 63.

Sakharov, A.D., and others. - Magnetic cumulation. p. 65.

Slavov, D.A., Sukhanov, A.D. - Borchern's class for interacting fields. p. 69.

Sychev, V.V., Zonkovich, V.D., Andrianov, V.V. - Inductance of a superconducting solenoid. p. 73.

TECHNICAL PHYSICS

Izraelovich, I.S., Novikov, S.N. - New method for determining the specific surface (particle size) of powders by comparing the flow values corresponding to various conditions of gas flow in a porous medium. p. 77.

Kirenskiy, L.V., Chailakov, N.S. - Some possibilities for the practical use of ferromagnetic films at superhigh frequencies. p. 81.

Filippov, E.S., Smirnov, A.M. - Determining the short-range order structure of liquid binary alloys. p. 85.

CRYSTALLOGRAPHY

Kuz'min, E.A., Belov, N.V. - Crystal structure of the simplest La and Sm silicates. p. 88.

CHEMISTRY

Arbuzov, B.A., and others. - Organophosphorus compounds of low toxicity. p. 91.

Babitskiy, B.D., Kornat, V.A., Lapuk, I.M. - Polymerization of butadiene by catalysts based on carbonyl metals of group VI of the periodic system of elements. p. 95.

Balandin, A.A., and others. - Catalytic synthesis of piperazine. p. 99.

Butagin, P.I.U. - Reaction mechanism of the decay of free radicals in polymethyl methacrylate. p. 103.

- Vreshchinskii, I. V., Podkhaluzin, A. T. - Addition of molecular nitrogen to perchlorohydrocarbons subjected to ionizing radiation. p. 107.
- Gul', Y. E., Lileshkina, E. G. - Products of interaction between polypropylene and alkaline sulfate lignin. p. 110.
- Zhinkin, D. I., Morgunova, M. M., Andrianov, K. A. - Reaction of hexamethyldisilazane with phenyl thiocyanate. p. 114.
- Zolotov, I. U. A., and others. - Extraction of inner-complex compounds of elements with 1-phenyl-3-methyl-4-benzoyl-5-pyrazolone. p. 117.
- Luk'ianov, A. V., and others. - Studies of the synthesis of lipid compounds. p. 121.
- Nesmelanov, A. N., and others. - Mass spectra of some monocyclopentadienyl derivatives of titanium. p. 125.
- Cherburkov, I. U. A., Mukhammadiev, N., Khusnitsa, L. L. - α -Nitosohexafluoroisobutyric acid. p. 127.
- Iatimskii, K. B., Pavlova, V. K. - Chemical fixation of molecular nitrogen by aqueous solutions of transition metal compounds. p. 130.
- PHYSICAL CHEMISTRY**
- Gladyshev, G. P., Rafikov, S. R., Churbakova, N. V. - Determination of the efficiency of weak inhibitors in viscous media. p. 133.
- Glazova, V. V., and others. - Corrosion behavior of alloys of the titanium-oxygen system in sulfuric acid solutions. p. 136.
- Kirgintsov, A. N., Abramovich, E. D. - Thermodynamics of ion exchange in isopiestic solutions. p. 140.
- Pleimen, L. M., Levich, V. G. - Branching chain-thermal explosion limit. p. 144.
- Spitsyn, V. I., and others. - Possibility of equilibrium disturbance in a heterogeneous system containing a microcomponent due to solid phase recrystallization. p. 147.
- Freinkel', S. I. A., and others. - Phase diagram of collagen and the interpretation of the heat of order-disorder transition in water. p. 149.
- GEOLOGY**
- Volyants, O. N., and others. - Formalion delineation of Tertiary plutonic and volcanic-plutonic formations in central Kamchatka. p. 153.
- Gavrilin, R. D., Filippovich, I. Z. - Middle Paleozoic intrusions of granitoids in the Alay Range (southern Tien Shan). p. 156.
- Lilienberg, D. A. - Recent crustal movements in Macedonia. p. 159.
- Reiman, V. K., Markovskii, B. A. - Geosynclinal alkali basalts in the northwestern part of the Pacific belt. p. 163.
- HYDROGEOLOGY**
- Kortsenstein, V. N. - Azonal deep underground waters in the Jurassic sediments in the southern part of the Mangyshlak Peninsula. p. 167.
- MINERALOGY**
- Bakrakov, V. V., Bochkov, A. A. - Recent andalusite manifestation of the Ukrainian Crystalline Shield. p. 171.
- Belitskii, I. A., Bondareva, N. I. A. - Synthetic glasses - BaF_2SiO_2 . p. 175.
- PETROGRAPHY**
- Zil'berman, A. V. - Impurity elements in the ores of the cassiterite-quartz deposit in the northeast of the U.S.S.R. p. 179.
- GEOCHEMISTRY**
- Bolnova, L. I., and others. - Radioactivity of sands in Central Asia. p. 183.
- Nikolaev, D. S., and others. - Isotopic composition of uranium in the waters and sediments of the Black and Azov Seas. p. 187.
- Solodov, N. A. - Relationship between the potentials of the ionization of elements and the concentration necessary for the formation of their own minerals. p. 190.
- PALEONTOLOGY**
- Bukachev, V. N., Sokolovskii, V. T. - Likhvin interglacial flora in the surrounding area of Moscow. p. 194.
- CYTOLOGY**
- Abramkin, K. S., Reingol'd, V. N. - Study of the ultrastructural changes in the nuclear membrane during mitosis. p. 199.
- Petrakevich, S. D., Moisel', M. N. - Localization of aromatic hydrocarbon 3,4-benzopyrene in cells. p. 203.
- HISTOLOGY**
- Prazdnikov, E. V. - Reactivity of the cellular blood elements of the embryos of pink salmon. p. 207.
- GENETICS**
- Dubinin, N. P., and others. - Specificity of the object in induced mutagenesis. p. 210.
- Svetlov, P. G., Korsakov, G. F. - Relation of the characters of forked mutation in the progeny of *Drosophila melanogaster* females to temperature effects. p. 214.
- MICROBIOLOGY**
- Egorov, N. S., Ushakova, V. I., Nikol'skii, L. M. - Ability of some micro-organisms to produce fibrolytic substances. p. 217.
- BIOCHEMISTRY**
- Avakants, S. P. - Enzymatic transformations in champagne wine with the participation of β -fructofuranosidase. p. 221.
- Gilgorian, G. L., and others. - Electron paramagnetic resonance method for studying the interrelationship between semiquinone-type free radicals and native and denatured DNA. p. 224.
- Mednikov, B. M., Antonov, A. S., Belozerskii, A. N. - Molecular mechanism of the Crozier principle in its application to the development of poikilothermal animals. p. 227.
- Saakov, V. S. - Metabolism of violaxanthin-C14 in a leaf and its role in photosynthetic reactions. p. 230.
- PLANT PHYSIOLOGY**
- Zholkevich, V. N., Chetverikov, A. G., Rogacheva, A. I. A. - Respiration efficiency and concentration of free radicals. p. 234.
- PHYTOPATHOLOGY**
- Sokolova, V. E., and others. - Change in the content of chlorogenic and caffeic acids in stored potato varieties differing as to the resistance to Phytophthora infestans. p. 237.
- EXPERIMENTAL MORPHOLOGY**
- Popov, V. V., Molikhova, O. P., Kozlov, I. U. P. - Connection between some physicochemical changes in irradiated skin and its capacity for a rapid transformation into the cornea. p. 241.
- PHYSIOLOGY**
- Dukhonova, A. I. - Reparative process under the combined effect of somatotropin and prednisolone. p. 245.
- AKADEMIA NAUK SSSR. Arkhiv Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Archives, Transactions]. Moscow, no. 21, 1965.**
- Contents: [Manuscript legacy of V. F. Shishmarev in the Archives of the Academy of Sciences of the U.S.S.R., description and publications] Rukopisnoe nasledie V. F. Shishmareva v arkhive Akademii nauk SSSR, opisaniye i publikatsii. 245 p.
- AKADEMIA NAVUK BSSR. Minak. Doklady [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Reports]. Minsk, vol. 9, no. 1, Jan. 1965.**
- Table of contents translated
- Suprunenko, D. A. - One condition for matrix similarity. p. 5.
- Ergun, A. N. - Analytic structure of solutions to certain differential equations with a nonperiodic right-hand side with respect to the argument. p. 7.
- Tanayev, V. S. - Some optimizing functions of single-stage production. p. 11.
- Makovetskii, G. I., Sirota, N. N. - Electroconductivity and thermoe.m.f. of manganese selenide. p. 15.
- Rubtsov, A. N., Mikhov, S. A. - Changes in the emission spectrum of a finite volume in passing the inversion point. p. 18.
- Samson, A. M., Savva, V. A. - Calculating the monopulse of a laser following the instantaneous switching on of an interferometer. p. 22.
- Bodakov, M. N., Astaphik, S. A. - Activation energy of nonisothermal recrystallization. p. 27.
- Sverdlenko, V. P., Tomilo, A. P. - Temperature of an operating stamp surface in drop forging. p. 31.
- Delyi, V. A., Rutto, R. A. - Adhesiveness of plastics to metals. p. 34.
- Makhnach, A. S., Kozun, V. P. - Volcanic and volcanic-sedimentary rocks of the lower part of the Fannian stage of the Upper Devonian of the Pripyet fault. p. 37.
- Bukalov, N. I., Zakharov, E. V. - Structure of the present-day surface of the basement of the U.S.S.R. in connection with the isolation and hypothetical evaluation of oil- and gas-bearing basins. p. 42.
- Lupinovich, I. I. - Measurement of the cross section of the industrial part of the 3d potassium horizon of the Starokan deposit. p. 44.
- Obukhov, V. I. - Method of determining the replacement scheme in conductometric cell. p. 49.
- Ierkovskii, B. M. - Exact solution of boundary layer equations. p. 51.
- Leonov, V. A., Ustinovich, A. K. - Alkaline phosphatase activity of the blood and bone marrow in children with leukemia. p. 55.
- Bulygin, I. A., Iakimovich, R. A. - Spinal ascending pathways of interoceptive reflexes in the organs of the pelvis. p. 57.
- Shan'ko, G. G. - Significance of immunological studies and some biochemical reactions in pediatric neuro-rheumatism. p. 61.
- Glukhova, V. M., Gembitskii, A. S. - Biting midges of the genus *Culicoides* (Diptera, Heteridae) from bird nests. p. 65.
- Vol. 9, no. 8, Aug. 1965.
- Table of contents translated:
- Suprunenko, D. A., Petrova, H. L. - Note on systems of group intransitivity engendered by the prescribed substitutions. p. 601.
- Ivanov, A. P., Makarevich, S. A. - Effect of optical characteristics on the spectral composition of radiation in a turbid medium. p. 604.
- Portsev, A. N., Pisarevskii, A. N., Sosnin, L. D. - Highly efficient method for H^3 counting. p. 609.
- Kazachenko, L. P. - Effect of the value of the exciting quantum on the emission spectra of vapors of complex molecules. p. 611.
- Shishkin, H. V. - Angular asymmetry of μ -decay and neutral weak current ($\nu_e \nu_\mu$). p. 614.
- Starobinets, H. L., Khavich, O. F. - Some characteristics of molecular sorption on ion exchangers. p. 616.
- Pavlichenko, M. M., Litvinenko, E. F., Dasova, N. P. - Effect of the pH of the medium on the adsorption of octadecylamine acetate on potassium and sodium chlorides and sulfates. p. 620.
- Shevchik, A. M., Chet'lanov, N. P. - Group composition of organosulfur compounds in gasoline-keosine fractions of Vol'ak petroleum. p. 623.
- Sverdlenko, V. P., Vilevskaya, A. A. - Effect of a fall in temperature on the type of steel fracture. p. 626.
- Kiselev, P. A. - Graphico-analytic method for determining the hydrogeological parameters required in forecasting variations in groundwater level. p. 629.
- Lukashch, K. I., Sachok, G. I., Lukashch, V. K. - Lithological and geochemical characteristics of the clays of various genetic types in the White Russian S.S.R. p. 633.
- Kovalev, V. A. - Different behavior of uranium and thorium in the course of the lithogenesis of variegated sediments. p. 637.
- Trieler, V. N. - Theory of the rapid determination of the reliability indices of machine parts and instruments. p. 641.
- Tsareva, R. E., Terent'ev, V. M. - Some physiologically active substances in peat soil. p. 644.
- Ipat'ev, A. N., Evitkevich, V. G. - Changes in the seeds of hybrids of various plants. p. 647.
- Kukulinskii, A. A., Gavrilyev, I. M. - Relation of the nucleotide composition of bacterial DNA to the lysogenic state of the bacteria. p. 650.
- Polkhovskii, V. A. - Phage-typing of *Bacillus cereus*. p. 652.
- Ges', D. K. - Mosaic diseases of cucumbers grown under glass. p. 655.
- Kuprevich, V. F., Serova, Z. I. A. - Oxidation metabolism in type as related to the developmental dynamics of *Puccinia dispersa* Erikss. et Henn. p. 658.
- Medvedeva, V. I. - Manganese content in the blood of a newborn infant, in the venous and retroplacental blood of the mother and in the mother's milk. p. 663.
- Bulygin, I. A., Iakimovich, R. A. - Representation of afferent vegetative neurons in the spinal cord. p. 665.
- EESTI LOODUS [ESTONIAN NATURE]. Issued by Eesti NSV Teaduste Akadeemia [Academy of Sciences of the Estonian S.S.R.] Tallinn, no. 4, July-Aug. 1965. [In Estonian]**
- FAN VA TURMUSH [SCIENCE AND LIFE]. Issued by Akademii nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 9, 1965. [In Uzbek]**
- KHIMIA I ZHIZN' [CHEMISTRY AND LIFE]. Issued by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, 1965**
- MIR NAUKI [SCIENTIFIC WORLD]. Issued by the World Federation of Scientific Workers London, no. 3, 1965.**
- MOKSLAS IR GYVENIMAS [SCIENCE AND LIFE]. Issued by Lietuvos TSR "Zinios" draugija ["Zinias" Society of the Lithuanian S.S.R.]. Vilnius, nos. 10 (97)-11(98), 1965. [In Lithuanian]**
- NAUKA I SUSPILSTVO [SCIENCE AND SOCIETY]. Issued by Tovarystvo "Znannia" Ukrain'skoi RSR ["Znannia" Society of the Ukrainian S.S.R.]. Kiev, vol. 16, no. 10, Oct. 1965**
- NAUKA I ZHIZN' [SCIENCE AND LIFE]. Issued by Vsesoyuznoe obshchestvo "Znanie" ["Knowledge" All-Union Society]. Moscow, vol. 32, no. 10, Oct. 1965**
- NOVYE KNIGI ZA RUBEZHOM Series A: Matematika, mekhanika, astronomiya, geofizika, fizika, khimiya, biologiya, izcheskaya geografiya [NEW FOREIGN BOOKS Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Biology, Physical Geography]. Moscow, vol. 18, no. 10, Oct. 1965.**
- OKIRANA PRIRODI MOLDAVII [CONSERVATION IN MOLDAVIA]. Issued by Komiteta po okhrane prirody Moldavskogo filiala Akademii nauk SSSR [Committee on Conservation of the Moldavian Branch of the Academy of Sciences of the U.S.S.R.]. Kishinev, no. 3, 1965.**
- Table of contents translated:
- Prikhod'ko, A. P. - Water - our wealth. p. 3.
- Moldovanov, A. I., Slastikhin, V. V. - Results of field studies on the siltting process in ponds of Moldavia. p. 8.

- Vladimirov, S. T. - Underground water pollution in the Kishinev region, p. 15.
- Brava, G. G. - Summarizing the materials on surface water resources of Moldavia, p. 19.
- Sustikhin, V. V., Panchovskaya, A. M. - Water for a nation's needs, p. 23.
- Krupnikova, T. A., Leth, Kh. I. - Alluvial soils, their characteristics, utilization and place in the over-all system of soil conservation, p. 25.
- Voloshchuk, M. D. - Geomorphological characteristics of the floodplains of small rivers in the southwestern part of the Moldavian S.S.R. as related to their reclamation, p. 34.
- Orlov, S. S. - Landslides of Moldavia and their use in agriculture, p. 40.
- Rozhkov, A. G. - Harmful effect of hail in Moldavia, p. 47.
- Bevza, G. G., Verina, V. N., Siniavskii, P. V. - Unusually strong quail in Moldavia, p. 51.
- Kutirfu, N. A. - Study of paleolithic grottoes in north-western Moldavia, p. 56.
- Vargina, Z. K. - Forests and shelterbelts as an efficient means for controlling soil erosion, p. 78.
- Nikolaeva, L. P. - Vegetation preserves in the Moldavian S.S.R., p. 84.
- Tsachenko, A. I. - Protect and restore floodplain forests, p. 100.
- Leont'ev, P. V. - Dendrologic resources of ancient parks of Moldavia, p. 106.
- Tarabukin, B. A. - Paleontological findings in the Moldavian S.S.R. and antireligious propaganda, p. 124.
- David, A. I. - New paleontological monuments in Moldavia, p. 133.
- Ganla, I. M. - In defense of birds of prey, p. 137.
- Lozan, M. N., Korchmar', N. D. - Materials on the ecology of some predatory animals in the flooded areas of the Prut River, p. 140.
- Uspenski, G. A., Lozan, M. N. - Roe deer in Moldavia, p. 150.

PHIROMA [NATURE] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 54, no. 2, Feb. 1965

- Table of contents translated.
- Smorodinski, I. A. - Spectra of elementary particles, p. 2.
- Barkalov, I. M. - Radiation and polymers, p. 13.
- Gorodov, V. L. - Forest and chemistry, p. 18.
- Manteifel', B. P., Naumov, N. P., Iakobi, V. E. - Orientation and navigation of animals, the main trends in bionic research, p. 28.
- Markov, K. K. - A hundred thousand years ago, the planet's surface during the Glacial epoch, p. 33.
- Bolarskaia, T. D. - Dynamics of forests, tundras, and steppes, vegetation during the Pleistocene, p. 36.
- Sudakova, N. G. - Stability of minerals, p. 41.
- Murzaeva, V. E. - History of the Amur River, p. 44.
- Outstanding scientist and biologist; 70th birthday of Academician V. A. Engel'gardt, p. 54.
- Engel'gardt, V. A. - Fundamental principle of scientific creativity, p. 55.
- Uryson, M. I. - At the cradle of the human race, p. 59.
- Lipsits, D. V. - Biochemistry and potato wart, p. 62.
- Kas'ianov, F. M. - Green umbrellas at the service of sheep farming, p. 63.
- Posysaev, N. S. - Ornithopters, p. 66.
- Selms, Dietrich. - Latest optical instruments, people's enterprise "Carl Zeiss, Jena," p. 68.
- Budnikov, P. P., Kerbe, F. G. - Spinel and spinellids, p. 72.
- Frolov, V. I., Kolodetnikov, K. E. - Natural distillation of coal, p. 75.
- Gurevich, L. E., Gel'mont, B. L. - Thermomagnetic waves, p. 77.
- Koshin, S. I. - Does Brikner's cycle exist? p. 78.
- Voitov, V. I. - Seaways to Polynesia, p. 80.
- Bannikov, A. G. - In the Volga Delta Astrakhan Preserve, p. 90.
- Safarov, I. S. - On the Sara Peninsula, p. 90.
- Laktionov, A. F. - Scientist and encyclopedist; cherished thoughts of D. I. Mendeleev. A student of the Arctic, p. 100.
- Al'tshuler, S. V. - Nature of "inert" gases, p. 102.
- Gakkel', I. A., Gorlatov, S. E. - Submarine under the ice, 25th anniversary of the first navigation under ice, p. 104.
- Atsyan, A. P. - In memory of N. N. Anichkov, p. 109.
- Zlotov, V. M. - Thus the mysteries of the past are solved, p. 110.
- Borovik-Romanov, A. S., Pilaevskii, L. P. - Soviet physicist is awarded the Niels Bohr Gold Medal, p. 113.
- Sinev, N. M., Kovalev, I. D. - Atomic electric power plant TES-3, p. 114.
- Aleksakhin, R. M. - Radiosensitivity of plants and the size of cell nuclei, p. 116.
- Imshenetski, A. I. - Kimberlite of the Russian Platform, p. 117.
- 22 symposiums on physiology, p. 118.
- Perel'man, A. I. - Geochemistry of "hypergenesis", migration of atoms in the upper part of the earth's crust, p. 119.
- Khan, A. P. - Creator of marine physics; 70th birthday of Academician V. V. Shuleikin, p. 120.

- Smelanch, V. S. - Water for Moscow, p. 122.
- Reimers, N. F. - Winter in Sakhalin, p. 126.
- Shpilov, F. D. - Ice flowers, p. 127.
- Prosenko, V. F. - Dust storm in winter, p. 128.

Vol. 54, no. 10, Oct. 1965.

- Table of contents translated.
- Kompaneets, A. S. - Superconductivity at high temperatures, p. 2.
- Kholodov, I. A. - Magnetobiology, p. 12.
- Shpil'skii, L. V. - Spectrum analysis of complex molecules (to be concluded), p. 22.
- Pulin, V. V. - Way of life and heart diseases, p. 30.
- Novozhilov, N. I. - Musomelcorology, p. 34.
- Leon'tev, O. K., Nikiforov, I. G. - Modeling of natural processes, p. 40.
- Perelman, F. M. - Character of interaction and the properties of matter, p. 52.
- Diater, G. I., Guseva, L. E. - Modeling microcircuits, p. 55.
- Gorbanov, A. P. - Underground "glaciation" in the Tien Shan, p. 58.
- Kurochkin, B. I. - Secret of red lakes, p. 61.
- Zhigal'skaya, M. I., Tereshko, L. I. - Clouds as dangerous of child pests, p. 62.
- Ivan, A. E., Pokrovskaya, G. I. - Visible sound, p. 65.
- Shamsharin, A. A. - Urea phosphate in stockbreeding, p. 67.
- Artukov, N. V. - Studying the "unevenness" of crop yields, p. 68.
- Anokhin, G. I. - Who discovered America, after all? p. 70.
- Gizmek, Bernhard. - In the land of the birds of paradise, p. 77.
- P'iankov, V. P. - Mammoths and the riddle of climate, p. 86.
- Maikov, S. N. - Earth's circle (to be concluded), p. 95.
- Mikhailov, A. A. - First attempt to measure tidal power, gravimetric experiments of Lomonosov, p. 104.
- Serebriannii, L. R. - New islands of the northern Atlantic, p. 108.
- Bykov, A. D. - Engraver or nature? p. 112.
- Shekhter, V. M. - Physics of elementary particles; a conference in Dubna, p. 114.
- Sosna, M. - History of Mendel's archives in the old Brno, p. 116.
- Mironov, O. G. - Accumulation of radioactivity by mushrooms, p. 117.
- Dubinin, N. P. - International symposium in memory of a great scientist, p. 119.
- Chiklishev, A. G. - For agriculture, p. 121.
- Galvorskaia, L. S. - Frost in the fall, p. 125.
- Batlaeva, T. F., Sidchenko, T. V. - Abnormal summer; survey of summer weather in the northern hemisphere, p. 126.

REPERATIVNYI ZHURNAL' KIBERNETIKA [JOURNAL OF ABSTRACTS: CYBERNETICS] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 9, Sep. 1965

VOPROSY ISTORII ESTESTVOZNAANIA I TEKHNIKI [PROBLEMS OF THE HISTORY OF NATURAL SCIENCES AND TECHNOLOGY]. Issued by Institut istorii estestvoznaniia i tekhniki Akademii nauk SSSR [Institute of the History of Natural Sciences and Technology of the Academy of Sciences of the U.S.S.R.], Moscow, no. 17, 1964

- Table of contents translated:
- Tamm, I. E. - In memory of Niels Bohr, p. 3.
- Rosenfeld, L. - Niels Bohr, p. 6.
- Elstein, A. - Old and new field theories, p. 16.
- Guerlac, H. - Newton and Epicurus, p. 22.
- Ravikovich, A. I. - Significance of the ideas of uniformism in establishing the antiquity of man, p. 41.
- Bykov, G. V. - Evolution of the views on the subject and objectives of theoretical chemistry, p. 49.
- Masabekov, I. U. S., Koshkin, L. V. - Evolution of the teaching of free radicals, p. 53.
- Petrasian, G. B. - Development of natural sciences in Armenia, p. 61.
- Karakeev, K. K. - Development of sciences in Kirghizistan, p. 68.
- Struk, D. J. - The comet of 1680, p. 74.
- Shraer, M. G. - History of the development of mathematical methods in electrostatics in the second half of the 19th century, p. 76.
- Simonov, N. I. - Initial research in mathematical analysis in the Petersburg Academy of Sciences, p. 82.
- Rodnyi, N. I. - Temperature dependences of the rates of chemical reactions (on the occasion of the 76th anniversary of S. Arrhenius' work), p. 80.
- Kuznetsov, V. I., Vasilin, K. S. - Origin of the first notions on catalysis, p. 91.
- Faershtein, M. G. - History of the equation of the state of an ideal gas, p. 94.
- Penchko, N. A., Pogodin, S. A. - The first chemical laboratory of the Moscow University, p. 97.
- Grenader, M. B. - One of the first descriptions of the Great Northern Expedition, p. 103.

- Riazanskaya, K. V. - N. I. Zhelaznyy as a plant physiologist, p. 106.
- Kuzikov, V. K. - Appearance of firecrackers in Russia, p. 108.
- Klakhina, N. I. - Initial period of the organization of ZAGI (Central Aerohydrodynamic Institute), p. 113.
- Kotel'nikov, A. G. - New data on G. I. Kotel'nikov's parachute, p. 113.
- Samolovitch, S. I. - The first stage in the construction of a Soviet airship, p. 115.
- Gigol'tan, A. T., Ilyukovich, A. P. - Materials on the history of Russian science in Paris archives, p. 119.
- Obruchev, V. V. - Vladimir Afanasyevich Obruchev, p. 121.
- Kho, S. N., I. I. Timchenko, p. 123.
- Lezhneva, O. A. - Alessandro Volta, p. 126.
- Kol'man, E. - "Yankee science in the making" by J. J. Stank, p. 127.
- Mamedov, G. D., Zarhi-Zade, G. G. - "Translation" by Omar Khayyam, p. 127.
- Ishkovich, A. P. - History of mathematics. Part I, by E. Hoffman, p. 129.
- Ernst, V. A. - "Paul Langevin" by O. A. Shatov, p. 129.
- Iak'ianov, P. M. - "M. V. Lomonosov's chemical laboratory" by N. M. Raskin, p. 130.
- Pogodin, S. A. - "Lomonosov's library" by G. M. Korovin, p. 132.
- Modina, E. B. - "M. V. Lomonosov and the Petersburg Academy of Sciences" by M. I. Rudavskii, p. 134.
- Anisimova, K. M. - "Yablochkov" by A. G. Farkman, p. 130.
- Plotkin, S. I. A. - "History of chemical trades and chemical industry in Russia till the end of the 19th century" by P. M. Iak'ianov, p. 137.
- Iak'ianov, P. M. - "History of Russian hand paper mills and their watermarks" by Z. V. Urchanskii, p. 139.
- TSvereva, G. K. - "History of aluminum research and the development of its industrial production" by I. Fessand, p. 140.
- Kol'man, E. - "Albert Einstein: a life dedicated to truth, humanity and peace" by Friedrich Herzog, p. 142.
- Shavrov, V. B. - "The aeroplane: a historical survey of its origins and development" by Ch. H. Gibbs Smith, p. 143.

- New books on the history of natural sciences and technology, p. 144.
- New foreign books, p. 146.
- Conference on the results of research work, p. 147.
- Conference of post-graduate and research students, p. 151.
- Discussion on the book "History of technology," p. 152.
- Parkhomov, V. E. - Museum of history of chemistry and technology of petroleum refining at the D. I. Mendeleev Plant, p. 154.
- Makarenko, A. A. - The 50th anniversary of the D. I. Mendeleev Museum and Archives, p. 155.
- Baranov, V. I., Kol'tsov, A. V. - In memory of Academician V. I. Vernadskii, p. 156.
- Diagumirova, M. A. - V. I. Vernadskii's study-museum, p. 158.
- Radlov, V. M., Pavlova, G. E. - Outstanding radio engineer M. A. Bonch-Bruyevich, p. 158.
- Pavlova, G. E. - Meeting commemorating Georgii Baklanov, p. 159.
- Bykov, G. V. - Awarding the Dvorkin Prizes for a work on the history of chemistry for 1962, p. 159.
- Istamov, G. I. - Study of the history of natural sciences and technology in Uzbekistan, p. 161.
- Kolomoienki, V. D. - Leningrad Mining Museum, p. 162.
- Shaloba, I. A. - Lectures on the history of aeronautical science and technology, p. 162.
- In the Scientific Council of the Institute, p. 163.
- Kurochkin, G. D. - The 70th birthday of Academician D. I. Shchegolev, p. 163.
- Zilitinkovich, S. I. - The 75th birthday of Professor B. A. Ostrovskii, p. 164.
- Iarovskii, A. V. - At the Polytechnical Museum, p. 164.
- Kimner, L. V. - Foreign news, p. 165.
- S. K. Kozlov; obituary, p. 166.
- Alexandre Koyre (1892-1964), p. 166.

ZNANNIA TA PRATSIIA [KNOWLEDGE AND WORK] Issued by Tsentralnyi komitet Leningrskoho kumunistychnoho soluzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no. 10(308), Oct. 1965

b. ASTRONOMY

ABSTUMANI. ASTROFIZICHESKAIA OBSERVATORIIA Bulletin [ASTROPHYSICAL OBSERVATORY Bulletin]. Tiflis, no. 32, 1965.

- Table of contents translated:
- Magal'skii, N. L., Kamal'skii, I. A. L. - Variable luminosity and color in γ Bootis, p. 3.
- Magal'skii, N. A., Kamal'skii, I. A. L. - Semiregular variable stars RW Cygni, SU Persei, and UX Draconis, p. 6.

- Mosidze, L. N., Chudze, A. D. - Photographic observations of three UV Ceti type stars. p. 21.
- Alamir, I. F. - Spectral study of the variable star DX Del. p. 31.
- Ajanila, I. F., Popov, M. V. - Nova Herculis 1963. p. 41.
- Dolidze, M. V., Lipnaya, N. A. - Red stars in the area NGC 6819. p. 53.
- Salukvadze, G. N. - Relative positions, stellar magnitudes, and spectral classes of stars of Trapezium type multiple systems. p. 60.
- Razmadze, T. S., Gogashvili, N. S. - Development of chromospheric flares. p. 123.
- Razmadze, T. S. - Solar flares and night air glow. p. 131.
- Razmadze, T. S., Tskhoveladze, - Curves of chromospheric flares for 1961. p. 137.
- Dzhaplashvili, V. P., Salukvadze, G. N. - Photographic photometry of comet Atend-Roland (1956 h). p. 155.
- Salukvadze, G. N. - Photographic observations of comet Mikos (1957 d). p. 161.
- Megrelashvili, T. G., Torosheidze, F. I. - Variations in sodium luminance in twilight. p. 165.
- Torosheidze, T. I., Chikashvili, D. G. - Study of infrared films of the types I-810, I-920, I-1030, and I-1070. p. 187.
- Ksanfomalili, L. V. - Photometer based on the scalar "Kofat PS-5. p. 197.
- Filippov, N. Z. - Photographic sky-pilot around the North Pole. p. 201.
- Mayer, A. K. - Converting weight-driven clock mechanisms to electric drive. p. 207.
- Kiladze, R. I. - A class of orbits in the restricted problem of three bodies. p. 209.
- Kiladze, R. I. - Axial rotation of planets. p. 223.
- Kiladze, R. I. - Rotation of planets on their axis. p. 231.
- ASTROFIZIKA [ASTROPHYSICS].** Issued by Akademiia nauk Armianskoi SSR [Academy of Sciences of the Armenian S S R]. Yerevan, vol. 1, no. 2, June 1965
- Table of contents translated.**
- Gorbatskii, V. G. - Effect of atom-electron collisions on Balmer line intensities in the spectra of moving star envelopes. p. 120.
- Ivanov, V. V., Righieri, D. I. - H-functions in the theory of transfer of resonance radiation. p. 143.
- Fugichian, N. B. - Time dependence of the probability of diffuse reflection of a quantum from a one-dimensional inhomogeneous medium. p. 167.
- Mitlin, J. N. - Light scattering in a one-dimensional nonequilibrium-state medium. p. 173.
- Vashtanov, I. L. - Neutral absorption at superhigh temperatures. p. 183.
- Organtseva, R. S. - Particular case of the equilibrium of a rotating cylindrical configuration in the presence of a magnetic field. p. 193.
- Tumantseva, G. M. - Nuclei of barred galaxies. p. 197.
- Kalashnikov, I. D. - Distribution of Sculptor type dwarf systems in the cluster of galaxies in Virgo. p. 203.
- Miroslav, L. V., Kazarian, E. S. - Spectrum of RW Aurigae in the region $\lambda 3800-4900$. p. 213.
- Guz'adina, G. A. - Electron temperature and electron concentration of the planetary nebula IC 4997. p. 225.
- Savitskii, K. A., Mnatsakanian, R. G. - Faint blue stars in the region $\alpha = 17^h 10^m$, $\delta = +43^\circ 30'$ (1950). p. 229.
- Dzhanovskaya, O. B. - Color function of young scattered clusters. p. 235.
- Variation of the radioemission flux from Cassiopeia-A. p. 247.
- ASTRONOMICHESKII TSIRKULAR [ASTRONOMICAL CIRCULAR].** Published by Byuro astronomicheskikh soobshchenii Akademii nauk SSSR [Bureau of Astronomical Information of the Academy of Sciences of the U. S. S. R.]. Kazan no. 271, Dec. 1963
- Table of contents translated.**
- Gutina, R. A. - The first group of spots of a new cycle. p. 1.
- Efremov, I. N. - Variability of the period of BY Cassiopeiae. p. 3.
- Supplement to the article of V. I. Moroz "Carbon dioxide in the atmosphere of Mercury." p. 4.
- No. 273, Dec. 1963.
- Table of contents translated.**
- Supernova in NGC 1054. p. 1.
- Moroz, V. I. - Evaluating the abundance and total pressure of carbon dioxide by infrared spectra of Venus and Mars. p. 1.
- No. 274, Dec. 1963.
- Table of contents translated.**
- Kozyrev, N. A. - Volcanic activity of the lunar crater Aristarchus. p. 1.
- Frolov, M. S. - Period-luminosity relation of short-period Cepheids. p. 2.
- No. 290, Apr. 1964.
- Table of contents translated.**
- Novikov, I. D. - Mechanism of energy release during the collapse of superstars. p. 1.
- Apriamashvili, S. P. - Faint object with H_α emission. p. 5.
- *ASTRONOMICHESKII ZHURNAL [ASTRONOMICAL JOURNAL].** Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 42, no. 5, Sep.-Oct. 1965.
- Table of contents translated.**
- Ar'ev, Kh. - Antimatter and the evolution of the metagalaxy. p. 873.
- Shklovskii, I. S. - Quasi-stellar objects and the Seyfert galaxies. p. 893.
- Gol'nev, V. I., Lipovka, N. M., Paritskii, I. U. I. - Results of observations of galactic radio sources at Pulkovo at a wavelength of 6.1 cm. p. 902.
- Khromov, G. S. - Radio emission from planetary nebulae. p. 918.
- Pronik, I. I. - Possible deviations from circular motion of hydrogen clouds located in the outer spiral arms of the galaxy. p. 923.
- Goschinskii, I. V. - The gas-dust ratio in the dust of the nebula NGC 6618 (Omega). p. 929.
- Gidaleich, F. I. A. - Propagation of shock and ionization fronts in a gas-dust medium. Part I. p. 932.
- Aisken, V. I. - The ring of ionized hydrogen in the region located 3.5 to 4.5 kps from the galactic center. p. 933.
- Ginzburg, V. L., Ozeinoy, L. M. - Temperature of the intergalactic gas. p. 943.
- Zasov, A. V. - Deformation of the plane of absorbing matter in galaxies. p. 959.
- Zeldovich, I. A. B., Podutets, M. A. - Evolution of a system of gravitationally interacting point masses. p. 963.
- Gus'ovich, V. T. S. - Gravitational field of rotating superdense configurations. p. 974.
- Mironovskii, V. N. - Gravitational emission of double stars. p. 977.
- Rumyantsev, A. A. - Acceleration of charged particles by "baking" quanta. p. 981.
- Alvazian, G. M. - Complex refractive index for particles of the interstellar medium. p. 986.
- Gnevyshev, M. N., OP, A. L. - Intensity of coronal emission lines as an index of solar corpuscular radiation. p. 992.
- Shtik, G. F. - Absolute measurements of energy in the solar spectrum taken at ground level. p. 996.
- Zhelezinskii, V. V., Trakhtengerts, V. I. U. - Effect of the medium on the generation of type IV radio-frequency radiation from the sun. p. 1005.
- Alimova, G. M., Benediktov, E. A., Rapoport, V. O. - Relation between sporadic solar radio-frequency radiation in the decimeter band and chromospheric flares. p. 1011.
- Dubov, E. L. - Cooling of the lower chromosphere. p. 1014.
- Obashev, S. O. - Initial phase of development of a chromospheric flare. p. 1017.
- Kuli-Zade, D. M. - Contours of strong Fraunhofer lines in the solar spectrum. Part 2. Resonance lines. p. 1022.
- Ochkar, V. I., Blatsev, V. F. - Excitation of helium from the 2S^o state by electron impact. p. 1034.
- Noskova, R. I. - Spectrophotometry of nuclei of planetary nebulae. p. 1038.
- Shavov, A. S. - Bright stars in the NGC 188 cluster. p. 1045.
- Atukhina, N. M., Kholopov, P. N. - Structure of the system of bright stars in the NGC 7243 cluster. p. 1050.
- Starikova, G. A. - Unified evolution of stars of open clusters and long-period cepheids. p. 1057.
- Mikhailov, A. A. - Gravity and the figure of the moon. p. 1062.
- Kulinskii, A. A. - Data on the spectra of the Galilean satellites of Jupiter. p. 1067.
- Sorokin, N. A. - Relative orientation of the earth's equator and the lunar orbit in the remote past. p. 1070.
- Lazarev, R. G. - Frequency of sporadic meteoric bodies. p. 1075.
- Fechnikov, V. G. - Some polarization features of the day sky. p. 1084.
- Divaal, N. B., Plotnikova, L. I. - Computed brightness values of the twilight sky. p. 1090.
- Podobed, V. V., Neaterov, V. V. - Astrometry. p. 1104.
- Dolch, A. N. - Reduction of photographic positions at an arbitrary optical center. p. 1114.
- Gonkina, L. M., Denisuk, N. N., Eroshovich, E. S. - Photographic observations of "Echo-2" entering the earth's shadow. p. 1117.
- Khromov, G. S., and others. - Observations of the radio-frequency radiation from planetary nebulae at a wavelength of 33.5 cm. p. 1120.
- Voikhanekina, N. F. - The broadening mechanism of Fraunhofer hydrogen lines. p. 1122.
- Chernin, A. D. - Model of the universe filled with radiation and dustlike matter. p. 1124.
- MOSCOW, TSENTRAL'NYI NAUCHNO-ISSEDOVATEL'SKII INSTITUT GEODEZII, AEROS'EMKI I KARTOGRAFII. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF GEODESY, AERIAL PHOTOGRAPHY, AND CARTOGRAPHY. Transactions]. No. 157, 1965.**
- Table of contents translated:**
- Eremeev, V. F., Utkina, M. I. - Calculation methods based on Molodenskii's integral equation for the disturbing potential. p. 3.
- Utkina, M. I., Starostina, A. B. - Use of a model in testing the validity of the principle of numerical integration in calculations based on Molodenskii's integral equation for the disturbing potential. p. 47.
- Utkina, M. I., Aleksashina, G. A. - Use of a model of the earth in estimating the individual correcting members to the Stokes approximation for the coefficients of decomposition of the disturbing potential. p. 58.
- Turkina, M. I., Aleksashina, G. A. - Estimation of the mean square tilt in some regions of a mountain area. p. 66.
- Eremeev, V. F. - Determination of normal altitudes. p. 69.
- Peltinen, I. P. - Use of formulae of first approximation in calculating the characteristics of the earth's gravitational field. p. 85.
- Oslova, E. M. - Tables for use in allowing for the nonlinearity of the effect of altitudes of a topographic massif on plumb line deflections. p. 101.
- Krotkova, E. I. - A set of master curves for calculating the effect of neighboring zones on the quasi-geoidal height and plumb line deflection in determining the effect of distant zones from Molodenskii's formulae. p. 109.
- Utkina, M. I. - Calculating the first and second vertical gravity derivatives from maps of gravity anomalies. p. 116.
- Ignatova, M. P. - Estimation of the accuracy of Numerov's formula for the vertical gravity gradient using models for the earth. p. 123.
- Eremeev, V. F., Utkina, M. I. - Notes on a short communication from I. F. Molin concerning the calculation of plumb line deflections. p. 135.
- REFERATIVNYI ZHURNAL ASTRONOMIIA (Odel'nyi vypusk 51) [JOURNAL OF ABSTRACTS ASTRONOMY (Separate Issue 51)].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos 10-11, Oct.-Nov. 1965
- REFERATIVNYI ZHURNAL GEODEZIYA (Odel'nyi vypusk 52) [JOURNAL OF ABSTRACTS GEODESY (Separate Issue 52)].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no 11, Nov. 1965. Predmetnyi ukazatel' za 1964 g. [Subject Index for 1964]
- REFERATIVNYI ZHURNAL ISSEDOVANIYE KOSMICHESKOGO PROSTRANSTVA (Odel'nyi vypusk 62) [JOURNAL OF ABSTRACTS SPACE RESEARCH (Separate Issue 62)].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos 10-11, Oct.-Nov. 1965
- *RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Vestnik vysshekh uchebnykh zavedenii, geodeziia i aerofotogrammetriia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institution of Higher Learning, Geodesy and Aerial Photography].** Moscow, no. 2, 1965.
- Table of contents translated.**
- Kenneth, I. U. V. - Evaluation of the precision of survey measurements by errors of closure in conditional equations. p. 3.
- Lashchenko, E. G. - Iterative method for determining the optimum points with reference to the given ones. p. 13.
- Korahov, S. A. - Using the theory of graphs for analyzing sets of points. p. 19.
- Volkova, V. A. - Selecting the best conditions for the Kerr coil. p. 35.
- Gan'shin, V. M., Sporyshkova, N. A. - Calculating rounding-off errors. p. 51.
- Klushin, E. B. - Certain sources of errors in using radio geodimeter of the tellurometer type. p. 59.
- Mokhov, I. U. V. - Preliminary study of normal equation matrices. p. 67.
- Nikiforov, B. I., Zapasakii, S. I. - Permissible closing errors in polar conditions. p. 81.
- Skladanenko, K. K. - Solving some problems of vertical planning by linear programming. p. 83.
- Ratynskii, M. V. - Theory of geodimeters with light flow recorded visually. p. 89.
- Brovar, V. V. - Formulas for calculating the disturbing potential and the components of the deflection of the vertical of the earth's surface. p. 97.
- Ovsyannikov, R. P. - Relative orientation of photographs on universal apparatus. p. 105.
- Tufilina, I. U. S. - Some relationships between angular and linear elements in exterior orientation when taking stereophotos from ships. p. 115.
- Rusinov, M. M. - Stereopanoramic surveys. p. 123.
- Lutsk, A. F. - First International Symposium on Engineering Geodesy. p. 137.
- Boldov, V. G. - Cartographic Commission of the Section of Geodesy, Aerophotography, and Cartography of the Scientific and Technical Council of the Ministry of Higher and Secondary Specialized Education of the U. S. S. R. p. 139.

- Lubanov, A. N. - Ninth All-Union Conference on Aerophotography, p. 141.
Conference of the students of the Moscow Institute of Engineering Geodesy, Aerophotography, and Cartography, p. 149.
Nedostaj, L. P. - Conference on surveying of the Moscow Institute of Railroad Engineers, p. 151.

c BIOLOGY

AKADEMIYA NAUK ZERBAIDZHANSKOI SSR, Baku. Izvestiya. Seriya biologicheskikh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R., Bulletin, Series in the Biological Sciences] Baku, no. 3, 1985.

Table of contents translated

- Abdullayev, I. K., Alici, M. O. - Effect of gibberellin on the growth, development and feeding properties of a bud in different mulberry varieties, p. 3.
Gasimov, R. A. - Mechanism of biochemoluminescence in plants, p. 9.
Mehrizade, R. M., Alici, I. A. - Effect of mineral fertilizers on nitrogen metabolism in grapevine under dry farming, p. 16.
Akshonda, T. M. - Powdery mildew of the genera Phyllactinia, Sphaerotheca, Podosphaera in the Nakhichevan' A.S.S.R., p. 24.
Klitcheva, M. V. - Review of powdery mildew of the Apsheron Peninsula, p. 34.
Alici, S. U. - Phenology and dynamics of the aerial part of the natural vegetation in the semidesert of Shirvan as related to meteorological conditions, p. 38.
Ganiev, M. K., Azimov, I. M. - Isolation of Keratinomyces ajelloi, Microsporium gusepsum and Trichophyton gusepsum from the soils of the Azerbaijan S.S.R., p. 45.
Kuliev, G. K. - Morphological and biological characteristics of the growth and development of the ovaries in sheep as affected by different feeding conditions, p. 51.
Khanmamedov, A. I., Aslanbekova, F. A. - Reproduction of the Caucasian black grouse Lyururus mikoslevici, p. 59.
Kutiev, Z. M. - Biology of the reproduction of Rutillus rutilus caspius n. kurensis in the gulf of Kyzyl-Agach, p. 65.
Gidyatov, I. U. Kh. - Seasonal abundance of jackals and foxes in the breeding grounds of the Kyzyl-Agach State Preserve, p. 74.
Musabekova, E. S. - Absorption capacity of soil types of Azerbaijan as related to phosphate ion, p. 82.
Mamedov, R. G. - Absorbed cations and their relationship in the soils of the Araks zone, p. 88.
Agaev, N. A. - Effectiveness of microelements and semimicrofertilizers on corn in the meadow-forest soils of Zakataly District, p. 95.
Gambarian, G. E. - Effect of quantity and combination of mineral fertilizers on the yield and quality of potatoes, p. 103.
Karayev, A. I., Odzhakhverdzade, S. R., Salimov, F. I. - Effect of the stimulation of gastrointestinal tract receptors on the chronaxia of the femoral muscles in hypo- and hyperglycemia, p. 110.
Gashimova, L. G. - Interceptive influences of the stomach on the biochemical and histochemical glycogen picture of the liver, p. 117.
Agamirova, R. M. - Effect of the stimulation of adrenal chemoreceptors by various insulin concentrations on the content of sugar, adrenalinolike substances (Shaw fractions) in the blood and on the insulin isolating function of the pancreas, p. 121.
Kazalova, N. K., Gasanov, A. S. - Functional state of the anticoagulative blood system in etheral narcosis, p. 126.
Nabiev, A. I., Melikova, P. K. - New fish hybrids from Varvara Reservoir, p. 131.
First Congress of the All-Union Hydrobiological Society, p. 135.

AKADEMIYA NAUK GRUZINSKOI SSR, Tiflis. Institut fiziologii. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Institute of Physiology, Transactions], Tiflis, vol. 14, 1985.

Table of contents translated:

- Beritashvili, I. S. - Central inhibition according to I. M. Sechenov's experiments and concepts and its current interpretation, p. 3.
Beritashvili, I. S., Aivazashvili, I. M., Ordzhonikidze, T. S. A. - Characteristics and origin of delayed reactions in dogs, p. 23.
Narikashvili, S. P., Butkhuzi, S. M., Moniava, E. S. - Synchronizing mechanism of the reticular formation of the brainstem, p. 38.
Roltbak, A. I. - GHA origin of slow negative potentials of the surface of the cortex, p. 87.
Butkhuzi, S. M. - Changes in evoked cortical potentials during stimulation of the nucleus caudatus, p. 89.
Bekata, G. L. - Changes in the electric activity of the sensorimotor system of the brain during stimulation of the tactile cerebellar area, p. 101.
Dzidzishvili, N. N., Kvirkvelia, L. R. - Electrical activity of the hippocampus in ontogeny, p. 107.

- Oniani, T. N. - Functional formation of the myoneural synapse in mammals during ontogeny, p. 121.
Ioseliani, T. K. - Inhibition of spinal reflexes at different stages of ontogenetic development in animals, p. 131.
Mosidze, V. M. - Ability of locating the source of sound in space following unilateral removal of the auditory cortex, p. 139.
Mchedlishvili, G. I. - Regulatory mechanism of the cerebral circulation. Report No. 9. Neural control of the cerebral arteries, p. 145.
Chokkashvili, E. S. - Changes in the nerve cells of the auditory cortex in relation to their activity, p. 169.
Tolbadze, N. K. - Some data on the nonspecific thalamocortical connections, p. 173.
Mikeladze, A. L., Dzamoeva, E. I. - Some data on the structural organization of microglia, p. 181.
Svanidze, I. K. - Morphological and cytochemical characteristics of the cells of the retina and visual cortex during the early postnatal period of the opening of the animal's eyes, p. 189.
Kuparadze, M. R. - Plastic properties of central cerebral axons, p. 213.
Tolbadze, N. K. - Spino-reticular pathways, p. 227. (DNLM)

AKADEMIYA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut eksperimental'noi biologii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Experimental Biology, Transactions], Alma-Ata, vol. 11, 1985.

Table of contents translated:

- Mukhamedgaliev, F. M. - Problems of molecular biology and genetics, p. 3.
Es'kov, P. A., Li, V. A. - Geneological structure and productive quality of the Kazakh hybrid strain swine, p. 10.
Es'kov, P. A., Li, V. A., Kaldybaev, S. U. - Fattening and slaughtering qualities of the new Kazakh hybrid strain swine fattened for pork, p. 25.
Li, V. A., Es'kov, P. A. - Inheritance of fertility in the interspecific hybridization of swine, p. 33.
Es'kov, P. A. - Inheritance of the number of teats in the interspecific hybridization of wild with domestic swine, p. 37.
Es'kov, P. A. - Inheritance and variability of the duration of the pregnancy period in the interspecific hybridization of wild with domestic swine, p. 47.
Li, V. A., and others. - Use of the semen of wild boars in the artificial insemination of domestic brood sows of desirable breeding types, p. 63.
Masenov, T. M. - Comparative morphology of lungs in swine as related to their specific and strain characteristics, p. 67.
Popkova, G. A., Potsekeeva, L. M. - Vascular characteristics of the spinal cord in swine, p. 80.
Kroiter, M. K., Kalkov, M. T. - Some results of crossing fine- and coarse-wool crosses with semi-fine-wool rams, p. 84.
Razoznaev, K. M. - Practices in crossbreeding sheep for market production, p. 105.
Kroiter, M. K., Kalkov, M. T., Abakumov, N. I. - Physiological features of various breeds of sheep and their crosses based on the data of the electrophoretic study of serum proteins and hemoglobin, p. 113.
Ogorodnikov, V. I. - X-ray examination characteristics of age-related and breed features of the development of the bony tissue in the Kazakh fine-wool strain lamb and its crosses, p. 124.
Isenzhulov, A. I., Zhanderkin, A. I., Prokazin, O. A. - Kazakh Argali Merino sheep and the possibilities for the further improvement of the breed, p. 135.
Isenzhulov, A. I., Dol'shakova, E. V., Kurtova, A. P. - Inheritance and variability of the wool yield and its length in the process of interspecific hybridization of the Arkhara with fine-wool sheep, p. 152.
Matvienko, V. F. - Growth and development of the skeleton in the Kazakh Argali Merino lambs, p. 160.
Sadykov, Zh. - Characteristics of microstructure of the spinal cord in the Kazakh Argali Merino sheep as compared with parent forms, p. 170.
Ogorodnikov, V. I. - X-ray examination characteristics of the bony tissue of the Argali Merino line rams and their crosses, p. 175.
Zhanderkin, A. I., Tokkuzhin, S. - Some regularities in the development of the Edilbay sheep and the possibilities for their breeding Gur'yev Province, p. 182.
A. - Sh., Amarbaev, M. - Metabolism in ewes in the various categories of multiparous pregnancy, p. 194.
Tofshibekov, M. - Changes in the structure of the bony tissue in lambs as related to the season of birth, p. 204.
Zhangislin, D., Isenzhulov, A. - Some data on the upgrading of Argali Merino ewes with the Stavropol strain rams, p. 219.
Tokhiamyssova, R. A. - Development of the liver in sheep in ontogeny, p. 226.
Abishev, B., Aldarkhanov, B. A. - Enzootic gillor of sheep in some regions of Kazakhstan, p. 241.
Lovedeva, N. G. - Methods for determining the dimensions of the chest in sheep, p. 249.

- Shapilov, A. F. - Development of the mononuclears in sheep, p. 256.
Shapilov, A. F. - Development of the mononuclears during the embryonic period in sheep, p. 263.
Issyk, V. V. - Comparative morphology of the heart and coronary vessels in some animals, p. 271.
Kozhalmetov, N. - Characteristics of the Altai strain cows based on their body structure, p. 279.

AKADEMIYA NAUK SSSR. Institut genetiki. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Genetics, Transactions], Moscow, no. 32, 1985. Effect of ionizing radiations on plant and animal organisms.

Table of contents translated:

- Nuzhlin, N. I., Dzerzhetska, R. I., Komolodova, N. S. - Effect of inhibitors and activators of cell metabolism on the occurrence of chromosomal aberrations following single and fractional gamma irradiation of barley seeds, p. 4.
Nuzhlin, N. I., Pastushenko-Streltsov, N. A., Shargin-Berezovskii, G. N. - Effect of ecologic conditions of cultivation and physiological state of seeds (degree of maturity) on the radiosensitivity, frequency and nature of hereditary changes in gamma irradiated barley, p. 18.
Shargin-Berezovskii, G. N. - Effect of ethylenimine on the development and variability of fast neutron irradiated barley sown under different ecologic conditions, p. 60.
Shargin-Berezovskii, G. N. - Chromosomal deletions and yield of chlorophyll mutations, p. 81.
Graevskaya, B. M. - Some characteristics of protein metabolism disorders in the animal organism under the influence of ionizing radiation, p. 94.
Nuzhlin, N. I., Graevskaya, B. M. - Hereditary characteristics and radiosensitivity of various mammalian lines and species, p. 119.
Nuzhlin, N. I., Kuznetsova, N. N. - Radiosensitivity of peripheral blood elements in vivo and in vitro in animals of different genotype, p. 138.
Nuzhlin, N. I., Kuznetsova, N. N. - Genetic imprinting in male mice grown from irradiated embryos, p. 147.
Ponomareva, M. D., Ramalla, I. K. - Relative biological effectiveness of various ionizing radiations, injury of the testes and the frequency of the occurrence of dominant lethal mutations in cells of mice, p. 162.
Nechayev, I. A. - Age-related radiosensitivity of males of various lines, p. 177.
Ponomareva, M. D., Ramalla, I. K. - Radiosensitivity of the testes of newborn mice, p. 192.
Domatova, O. P. - Reaction of the same strains of mice of different lines to radiation and to the administration of a protective substance, p. 209.
Nuzhlin, N. I., Nechayev, I. A. - Effect of protective substances on the survival and change in the internal organs of mice with different radiosensitivity, subjected to X-ray irradiation, effect of carbon monoxide, p. 260.
Graevskaya, B. M., Shekhtina, R. N. - Effect of estrogens on catecholamine metabolism in the adrenal glands under normal conditions and following ionizing radiation, p. 223.
Nuzhlin, N. I., Nizhnik, G. V. - Spermatogram production in rabbits from genetic injuries caused by irradiation in vitro, p. 229.
Graevskaya, B. M., Shekhtina, R. N. - Functional state of the adrenal cortex following ionizing radiation, p. 230.
Domatova, O. P. - Neurohumoral mechanism of the distance effect of ionizing radiation, p. 231.
Erokhina, L. V. - Study of the changes in the proteolytic activity of the whole blood in mice following whole-body X-ray irradiation, p. 253.
Nuzhlin, N. I., Kuratshkov, I. S. - Nature of the effect of gamma rays of varying intensity on the frequency of the formation of chromosomal aberrations in mammalian liver cells, p. 257.

AKADEMIYA NAUK SSSR. Sibirskoye otdeleniye. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department, Central Siberian Botanical Garden, Transactions], Novosibirsk, no. 10, 1985. Vodorosli i griby zapadnoi Sibiri [Algae and fungi of Western Siberia], p. 2.

Table of contents translated:

- Lovadina, G. D. - Study of the productivity of the riverside soils of the upper Ob' River (anthropophytobenthos), p. 5.
Solonevskaya, A. V. - Discharge of phytoplankton of the upper Ob' River in 1983, p. 16.
Lovadina, G. D. - Quantitative determination of microphytobenthos in the reservoir of the Novosibirsk Hydroelectric power Station, p. 21.
Udlova, T. S. - Phytoplankton of the Berdsk Gulf of Novosibirsk Reservoir as related to the problem of water supply to Berdsk, p. 36.
Ermolova, V. I. - Winter phytoplankton in Lake Krivoye of the Kanasuk River system, p. 45.
Ermolova, V. I. - Phytoplankton in Lake Studenoye of the Kanasuk River system, p. 50.
Kukun, M. S. - Some rare species of algae, found in the plankton of the Ob' River and Novosibirsk Reservoir, p. 57.

- Satonova, T. A. - Genus *Trachelomonas* Ehr. in the algal flora of Western Siberia. p. 62.
- Naplekova, N. N., Sergeeva, K. S. - Species of *Chaetomium* in the soils of Western Siberia. p. 113.
- Naplekova, N. N. - Physiology of fungi of the genus *Chaetomium*. p. 120.
- Gribov, I. N. - Mycologic characteristics of soils of the Ubinskoye Experimental and Land Improvement Station. p. 121.
- Eskina, T. V. - Mycoflora of Tuva. p. 120.
- Karatykin, I. V. - Materials on the mycoflora of two forest associations in Taseyev District of Krasnoyarsk Territory. p. 134.
- Kuznetsova, T. T. - Determination of fungi of healthy plants. p. 139.
- Noydenko, M. V. - Materials on the mycoflora of Siberian pine. p. 142.
- Nozdnenko, M. V. - Species of the agents of fungous diseases of trees and shrubs in shelterbelts of the Kuldud Steppe. p. 149.
- Guzdakov, S. I. - Materials on the flora of lichens in the Ob' Valley. p. 157.
- ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII [ARCHIVES OF ANATOMY, HISTOLOGY, AND EMBRYOLOGY]. Issued by Ministerstvo zdorovokhnanestvia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 49, no. 7, July 1965.
- Table of contents translated
- Volkovich, A. A. - Neurosecretory system in birds. p. 3.
- Kummer, B. - Development and form variation of long bones as related to mechanical action. p. 21.
- Karup, V. A. - Changes in the nerve structures of the liver produced by direct injury of the organ. p. 29.
- Kovlenko, T. M. - Effect of adrenocortical hormones of the hypophysis (ACTH) on the posttraumatic regeneration of the skeletal muscle tissue. p. 36.
- Ptkov, P. M., Manolov, S. - Histochemical studies of nervous ganglia of the pancreas. p. 42.
- Kolesnikova, N. A. - Growth and transformations of the vascular endothelium in rabbits in tissue culture. p. 47.
- Shvabe, V. N. - Current problems of the morphology and nature of the nervous apparatus in kidneys. p. 54.
- Zhukova, G. P. - Neural structure of the vestibular nuclei in *Caracora*. p. 65.
- Soskin, I. A. M. - Experimental data on regenerative processes in the cerebral cortex of rats and cats. p. 75.
- Thach, V. V. - Nervous apparatus of veins of the vertebral canal in man. p. 82.
- Aleksandrov, V. A. - Teratogenic effect of the antileukemic drug myelosan (niliran) on rat embryos. p. 87.
- Danpelt, N. N. - Distribution of nucleic acids in regenerating skeletal muscle tissue during post-embryonic development of rats. p. 95.
- Dolgova, M. A. - Lymphatic vessels of the gallbladder following experimental inflammation in rabbits. p. 99.
- Buryak, M. P. - Topography of nerves in the region of the renal sinus. p. 105.
- Nevorotina, A. I. - Methods of histochemical study of the hypophysis. p. 110.
- Voloshtchenko, A. A. - Use of phase contrast microscopy in studying the localization of glycogen. p. 113.
- Valman, I. Sh., and others. - Third Regional European Conference on Electron Microscopy, August-September, 1964, in Prague. p. 120.
- Rakhamatullin, Z. Kh. - Report on the work of the Samarkand Branch of the Scientific Society of Anatomists, Histologists and Embryologists. p. 123.
- Bocharov, V. I., Satukova, G. S. - Eighth (annual) Working Conference of the Czechoslovak Anatomical Society (the section of the Czechoslovak J. E. Purkyne Medical Society), 6/29 - 7/2, 1964, in Prague. p. 125.
- ASTRAKHANSKII ZAPOVEDNIK. Trudy [ASTRAKHAN PRESERVE, Transactions]. No. 8, 1963.
- Table of contents translated:
- Lugovoi, A. E. - Birds of the Volga Delta. p. 9.
- Shitay, I. A. F. - Pheasant of the Volga Delta and factors determining its population dynamics. p. 187.
- Kullukina, N. M. - Present pheasant population in the Volga Delta. p. 231.
- Kryukov, G. A. - Present state of the mute swan (*Cygnus olor* Gm.) population in the Volga Delta and measures for protecting its nesting grounds. p. 235.
- Kryukov, G. A. - Ecology and geographical distribution of birds of prey in the Volga Delta. p. 245.
- Maitushkin, E. N. - Notes on the fall migration of sandpipers in the Volga Delta. p. 295.
- Zablotskii, V. I., Zablotskaya, L. I. - Ecologic and faunistic review of gulls in the southwestern Caspian Sea and their role in the fishing industry. p. 309.
- Zaitsev, V. S. - Wintering of water birds in the northern, eastern and southeastern Caspian Sea. p. 346.
- Lugovoi, A. E. - Formation of winter bird populations in the northern Caspian Sea. p. 373.
- Kryukov, G. A. - Wintering of birds in the northern Caspian Sea in 1966-1967, based on observations in the Isakhtvenyi Island region. p. 377.
- Gannushkin, M. A., Lugovoi, A. E. - Ringing mottled ducks in the Astrakhan Preserve. p. 393.
- Belovich, E. F. - Regionalization in the Volga Delta. p. 401.
- No. 9, 1961. Collection of parasitological papers
- Table of contents translated:
- Kurochkin, I. U. V. - Scientific results of the 315th All-Union Helminthological Expedition. p. 8.
- Sudarikov, V. E., Karamanova, E. M. - Work of the Astrakhan Section of the 320th All-Union Helminthological Expedition of 1962. p. 32.
- Astakhova, T. V. - Posthodiplostomum cuticola infestation of carps. p. 40.
- Datenko, O. M., Pisklonskii, S. G. - Fauna and ecology of gamasid mites of Liras. p. 57.
- Ginetsinskaya, T. A., Doborotskii, A. A. - Trematode larvae in freshwater mollusks of the Volga Delta. Report No. 2. Echinostoma cercariae (fam. Echinostomatidae). p. 64.
- Oclumac, S. L., Kurochkin, I. U. V., Salabina, A. S. - Helminths of the Caspian seal (*Phoca caspica* Gm.). p. 105.
- Zablotskii, V. I. - Early developmental stages of *Gastrophilus hominis* Lewis et McConnell, 1876 (Trematoda, Paramphistomata). p. 119.
- Zablotskii, V. I. - Materials on the parasites of Caspian gray mullets *Mugil auratus* and *Mugil saliens*. p. 127.
- Zablotskii, V. I., Kurochkin, I. U. V., Sudarikov, V. I. - Parasites of Mysidae of the Volga Delta and the information on the biology of the trematode *Orientocephalus salinus* (Bychowsky et Dabulina, 1954) Yamaguti, 1958. p. 135.
- Zablotskaya, L. I. - Helminths of perch in the lower Volga Delta. p. 146.
- Kumenskii, I. V., Vasil'kov, G. V. - Some data on the epidemiology of *Posthodiplostomum* infestation of fishes in the lower Volga River. p. 153.
- Kurochkin, I. U. V. - Helminths of Caspian herring. p. 161.
- Kurochkin, I. U. V., Ryzhikov, K. M. - Species of the genus *Paracaula* Rao, 1951 (Nematoda, Spiruridae). p. 182.
- Periyomalskii, G. S., Shustrov, A. K., Kryukov, V. I. - Field tests of new repellents against mosquitoes in a hot climate. p. 192.
- Romashov, V. A. - Helminths of red deer in the Voronezh Preserve. p. 197.
- Sidorov, E. G. - Parasitological evaluation of Mysidae, introduced in Lake Balkhash. p. 201.
- Sudarikov, V. E., Karamanova, E. M. - Metacercaria of the trematode *Plagiorchiis laticola* Serjabin, 1924, and its development. p. 208.
- Sudarikov, V. E., Kurochkin, I. U. V. - Occurrence of the larvae of the cestode *Bothriomus fallax* Luhn, 1900, parasitizing on sturgeons, in the amphipods of the Caspian Sea. p. 214.
- Sudarikov, V. E., Markov, V. I. - A new species of nematodes *Daubaylia segmentaria* n. sp. parasitizing on freshwater mollusks. p. 219.
- Kurochkin, Z. A. - Supplement to the bibliography on parasitology of the Volga Delta. p. 227.
- *BIOFIZIKA [BIOPHYSICS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 10, no. 5, 1965.
- Table of contents translated
- Dubinin, N. P. - Centennial of the discovery of heredity laws by G. Mendel. p. 721.
- Volkenshteyn, M. V., Fishman, S. N. - Theory of matrix synthesis of polynucleotides. p. 723.
- Maleev, V. A. - Torsional vibrations of bases in nucleic acids. p. 729.
- Frengel', S. I. A., and others. - Effect of the load on the transition order-disorder in native collagen fibers. p. 735.
- Korotova, L. G. - Conformational changes in aspartic-glycine transaminase. p. 743.
- Mekhonkov, M. I. - Study of the structure and conformation of ribonucleic acids by the method of birefringence in a magnetic field. p. 747.
- Kurganov, B. I., Agatova, A. I. - Heat denaturation of lactate dehydrogenase (L-lactate NAD-oxido-reductase, KF 1.1.1.27) and D-glycerolaldehyde-3-phosphate dehydrogenase (D-glycerolaldehyde-3-phosphate NAD-oxido-reductase, KF 1.2.1.12) from rabbit muscles. p. 755.
- Abagyan, G. V., Butaghi, P. I. U. - Ejection paramagnetic resonance spectra observed during mechanical treatment of DNA preparations. p. 763.
- Burlikova, E. B., Dzuba, N. M., Pal'mina, N. P. - Synthetic inhibitors and natural antioxidants. Report No. 1. Effect of the inhibitors of free radical reactions on the antioxidative activity of rat liver lipids. p. 766.
- Evgineev, V. B., Gavrilova, V. A. - Oxidation-reduction potential of the photo-reduced form of chlorophyll in pyridine. p. 770.
- Manolov, I. U. S., Komov, V. P., Manolov, S. E. - Study of infrared spectra of hemoproteins and their components. p. 787.
- Vorob'ev, L. N., Kurochka, G. A. - Participation of cell membrane in the selective ion accumulation by the cells of *Helix mucronata*. p. 788.
- Tulep-Oshnova, S. I., Martynenko, O. A. - Change in the water-salt composition of the muscles of rats in ontogeny. p. 796.
- Revestovskii, G. N. - Characteristics of electric model of the nerve fiber under the conditions of a fixed potential. p. 801.
- Eppner, I. E., Fain, I. M., Basmanova, O. K. - Intracellular microcurrents caused by ultrasonic waves. p. 805.
- Konev, S. V., Bohovish, V. P. - Polarization spectra of fluorescence and phosphorescence based on emitting mitochondria and cell nuclei. p. 815.
- Blinkov, S. M., Ivantskii, G. R. - Amount of glial cells in the human brain. p. 817.
- Dyakonova, T. I., and others. - Induction of RNA synthesis in the nerve cell by the electric activity. p. 828.
- Agaverdiev, A. Sh., Dushchik, I. A. E., Tarusov, B. N. - Effect of low temperatures on the extremely weak luminescence of plants. p. 832.
- Feldman, A. G., Avatiani, D. G. - Functional adjustment of the nervous system in controlling movements or preserving stationary posture. p. 837.
- Olovskii, G. N., Shik, M. L. - Standard elements of cyclic movement. p. 847.
- Guraflov, V. S., Paltsev, F. I. - Effect of the state of the segmental apparatus of the spinal cord on a simple motor reaction. p. 855.
- Beiknblit, M. B., and others. - Determination of basic electric characteristics of the myocardium of the frog's ventricle. p. 861.
- Gonkin, A. A. - Medium level of the asymmetry in the duration of α -rhythm phases and the rate of information processing in the visual-motor system. p. 868.
- Raviv, V. K. - Dark inactivation of T-phages of aeridine dyes. p. 874.
- Kurganov, B. I. - Heat aftereffect of ultraviolet irradiated lactate dehydrogenase from rabbit muscles. p. 875.
- Aksenov, S. I., Olenov, V. I., Vladimirov, I. U. A. - Spectrum of the action of visible-light induced phosphorescence of aromatic amino acid solutions irradiated with ultraviolet rays at 27° K. p. 877.
- Konissarov, G. G. - Light absorption of chloroplast. p. 878.
- Mekler, L. B., Dobitsov, G. E. - Heterogeneity of the complex actinomycin D - DNA of the bacteriophage T2. p. 880.
- Beiknblit, M. B., and others. - Characteristics of the distribution of potential in apical structures. p. 891.
- Fateev, A. I. - Role of the bark of woody plants in photosynthetic processes. p. 893.
- Prits, A. K. - Threshold stimulation of the muscle tissue by alternating current. p. 896.
- Radvan, R. M., Vorob'ev, L. N. - Role of calcium in the generation of action potentials and in mobility of protoplasm. p. 899.
- Tarasenko, N. D., Boryshov, G. D., Lepushonok, V. I. U. - Free radicals in irradiated seed potatoes with different storage time. p. 903.
- Troitskii, G. V. - Use of extended Moffitt equation for evaluating the conformation of proteins as a demonstration of widespread distribution of β -structure among globular proteins. p. 905.
- Zonkin, G. M. - Effect of dispersed light in experiments on the retina. p. 901.
- Ivanov, V. A. - Mechanisms of lateral inhibition in a frog's retina. p. 903.
- *BIOKHMIA [BIOCHEMISTRY]. Published by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 30, no. 5, Sep.-Oct. 1965.
- Table of contents translated
- Aleksandr Vladimirovich Piskunov, on his eightieth birthday. p. 897.
- On the sixtieth birthday of Vasilii Nikolaevich Olekhovich. p. 900.
- Budovskii, E. I., and others. - Interaction of RNA with O-alkylhydroxylamines. p. 902.
- Konikova, A. S., and others. - Incorporation of C14-amino acids into isolated histones of nuclei of resting and growing liver. p. 909.
- Iudaev, N. A., Razina, L. G. - Effect of nicotinic-amideadenine nucleotide phosphate and glucose-6-phosphate on the formation of corticosteroids from 4C14-progesterone in slices of guinea pig adrenals. p. 913.
- Baris, M. P. - Phosphorylase activity and protein-bound noradrenaline in the heart of a rabbit. p. 923.
- Davidov, I., Sil'anova, I. U. - Polarographic determination of chlorogenic acid. p. 927.
- Elisov, N. P., Vitovskii, G. A. - Structure of hypon from *Candida pseudotropicalis*. p. 933.
- Veeher, A. S., Mateshko, I. V. - Accumulation of nuclei and other forms of phosphorus, total and protein nitrogen in maturing lupine seeds. p. 938.

- Shchuk, S.A., and others. - Nucleotides of *Bacillus* in GB cells producing and not producing gramidin S. p. 947.
- Dmitriy, A.S., Lavrenko, V.L., Kholodov, V.L. - Mitochondrial dehydrogenase and glutamate reductase of *Aspergillus niger*. p. 950.
- Epatkin, I.A. - Acid-alkali function of ribonucleic acid and the determination of ribonuclease activity by conductometric titration. p. 964.
- Savvin, S.E., Popova, I.A. - Inositol, adenylic acid, coenzyme A, and their acetyl derivatives involved in the synthesis and biosynthesis of acetylcholine. p. 970.
- Pavlov, D.L. - Supplementation, partial purification, and some properties of acetylcholinesterase from erythrocytes of cattle. p. 980.
- Lecuyer, T.P., Lylant, M.I., Orskovoy, V.N. - Specific action of chicken pepsin and new "acid" pigments, cathepsin on protein substrates. p. 986.
- Kronin, D.G., Kuznetsov, L.P., Sandakchiev, L.S. - Reaction of aminoacylated transfer RNA with polyacrylic acid in the presence of water-soluble calcium chloride. p. 993.
- Atsler, V.D., Venkster, T.V., Baev, A.A. - Ion-exchange chromatography of oligonucleotides in a ribonuclease hydrolyzate of s-RNA. p. 999.
- Maksimov, V.I., Kivich, E.D., Kravchenko, N.A. - Nature of lysozyme action on oligosaccharides, fragments of chitin. p. 1007.
- Favorova, O.O., and others. - Formation of C¹⁴-labeled-RNA in the presence of cycloheximide and its analogs. p. 1015.
- Belichuk, B.G., Orestova, V.A. - Microdetermination of α -amino nitrogen in amino acids, polypeptides, and proteins by means of gas chromatography. p. 1021.
- Zhukov, V.I. - In vivo effect of 2,4-dinitrophenol on the content of acid-soluble nucleotides of guinea pig liver and muscles. p. 1027.
- Sluski, O.I., Gottikh, B.P. - Interaction between N-triphenylmethylglycine and transfer RNA. p. 1032.
- Dancheva, K.L. - Synthesis of ATP in calf thymus nuclei isolated and elaborated by different means. p. 1037.
- Gurvich, A.E., and others. - Influence of various subcellular granules and lipids isolated from them on the synthesis of antibodies and other proteins. p. 1044.
- Kozlov, L.V., Glodman, L.M. - Energy characteristics of the ester bond in N-acetylamino acid esters. p. 1051.
- Sapozhnikov, D.I., Maslova, T.G., Bazhanova, N.V. - Metabolism of xanthophylls in the absence of carbon dioxide. p. 1055.
- Pshenova, K.V., Kolesnikov, P.A. - Interaction of lipoperoxides with the components of some oxidation systems. p. 1059.
- Kuchinskaya, N.E., Kul'berg, A.I.A., Tsvetkov, V.S. - Immunochromatographic analysis of the products of the splitting of bovine γ -globulin with papain. p. 1065.
- Savkina, I.G., Evstigneev, V.B., Chudov, V.S. - Spectral and photochemical properties of chlorophylls and pheophorbides. p. 1071.
- Lukomskaya, I.S. - Acid and neutral α -oligoglucosidases rabbit liver. p. 1080.
- El'piner, I.E., Braginskaya, F.I. - Physicochemical and catalytic characteristics of the complexes of polyphosphate with proteins and RNA. p. 1090.
- Khesin, R.B. - Centennial of genetics. p. 1098.
- BIOLOGICHESKIE RESURSY VODOEMOV MOLDAVII** [BIOLOGICAL RESOURCES OF THE BODIES OF WATER OF MOLDAVIA] Issued by Institut zoologii Akademii nauk Moldavskoi SSR [Institute of Zoology of the Academy of Sciences of the Moldavian S.S.R.] Kishinev, no. 2, 1964. Formation and piscicultural significance of small reservoirs of Moldavia.
- Table of contents translated.
- Iaroshenko, M.F. - Significance of small reservoirs of Moldavia in fish farming. p. 3.
- Iaroshenko, M.F., Naberezhnyi, A.I., Shalar', V.M. - Hydrography and morphometry of small reservoirs of Moldavia. p. 9.
- Gorbaten'ki, G.G., Byzgu, S.E. - Hydrochemical characteristics of small reservoirs of Moldavia. p. 24.
- Kozhukhar', I.F. - Physicochemical properties of bottom sediments in small reservoirs of Moldavia. p. 60.
- Dymchishina-Kriventsova, T.D. - Bacterial plankton in small reservoirs of Moldavia. p. 68.
- Shalar', V.M. - Phytoplankton in small reservoirs of Moldavia. p. 82.
- Naberezhnyi, A.I. - Zooplankton in small reservoirs of Moldavia. p. 100.
- Iaroshenko, M.F. - Development of bottom fauna in small reservoirs of Moldavia. p. 116.
- Tomatik, E.N., Vladimirov, M.Z., Karlov, V.I. - Ichthyofauna in small reservoirs of Moldavia and methods of its controlled changes. p. 131.
- BOTANICHESKII ZHURNAL** [BOTANICAL JOURNAL] Organ of Vsesoiuznoe botanicheskoe obshchestvo [All-Union Botanical Society] Moscow, vol. 50, no. 5, May 1965.
- Table of contents translated.
- Kondrat'eva-Mel'vil', E.A. - Heterophyly in the seedlings of some arboreal plants. p. 605.
- Lebedev, P.V., Mel'nik, N.S. - Morphogenesis of the shoots of meadow fescue (*Festuca pratensis* Huds.) in relation to environmental conditions. p. 614.
- Prokhorova, K.V. - Comparison of the composition of recent vegetation with subfossil spore and pollen spectra (in the northern taiga). p. 626.
- Mashanski, V.P., Senikhatova, O.A., Bushueva, T.M. - Relationship of morphological and biochemical damage symptoms in mitochondria. p. 639.
- Tarasova, T.L. - Introduction of various species of the genus *Eumurus* M.B. p. 647.
- Dariev, A.S. - Structure of the embryo and seedlings of some species of *Gossypium*. p. 655.
- Baranov, A.A. - Possible errors in determining free water content by means of the refractometric method (in connection with the penetration of sugars into cells). p. 663.
- Korchagina, N.I. - Some anatomical changes of leaves in Central Asiatic ephemerals introduced in the Khibiny Mountains. p. 666.
- Malkina, I.S. - Photosynthesis of young growths under the canopy of a forest. p. 673.
- Mamaev, S.A. - Morphological variability of the pollen of pine (*Pinus silvestris* L.) growing in the Urals. p. 680.
- Mallutin, N.I. - Biological role of the inflorescence in the evolution of some plants. p. 685.
- Sveshnikova, L.I. - Chromosome numbers of some species of the genus *Galanthus* L. (*Amaryllidaceae*). p. 689.
- Krylova, N.P. - Manifestation of the senile period in the life cycle of the clovers *Trifolium pratense* L. and *Trifolium hybridum* L. p. 692.
- Borisova, I.V. - Effect of late spring frost on the development of some plants in the desert steppes of central Kazakhstan. p. 694.
- Rustamov, I.G. - Ratio between the aerial and underground parts of vegetation in some desert communities. p. 697.
- Igunnova, Z.S., Shamurin, V.F. - Water balance of lichens and mosses in the tundra communities. p. 702.
- Shul'kina, T.V. - Life forms and developmental rhythm of some perennial herbaceous plants (in connection with their introduction in Leningrad). p. 709.
- Komar, G.A. - Arils, their nature, structure and functions. p. 715.
- Lebedev, D.V. - From the history of some theories of Russian genetics (N.I. Vavilov and V.I. Tsvetov). p. 730.
- Gonchakovskii, P.L. - Discussing the problems of phytogeography at the 10th International Botanical Congress. p. 734.
- Gilbova, S.A. - Conference in Tbilisi dedicated to the 100th anniversary of the birth of N.I. Kuznetsov. p. 738.
- Vol. 50, no. 8, Aug. 1965.**
- Table of contents translated.
- Bobrov, E.G. - Origin of the flora of Old World deserts in connection with the survey of the genus *Nitraria* L. p. 1053.
- Pashkov, G.D. - Discovery of new plants of the Saratov flora in western Ciscaucasia. p. 1068.
- Vershchagina, V.A. - Ecology of flowering and pollination of *Oxalis acetosella* L. p. 1078.
- At'bitskaya, M.A. - Infestation of soil with weed seeds under oak and locust stands in the ordinary Chernozem zone of the Ukrainian S.S.R. (Kontsa-sarovka Forest). p. 1092.
- Terekhin, E.S., Ivanov, G.I. - Systematics of Caucasian broomrape. p. 1105.
- Kuluzkina, E.F. - Discovery of *Epimedium* (*Berberidaceae*) in Saratov deposits of the Northern Caucasus. p. 1113.
- Kharin, N.G. - Reflective capacity of some plants and plant communities. p. 1118.
- Katrushenko, I.V. - Photosynthetic adaptation to light in the perennial needles of the young growth of the spruce *Picea abies* (L.) Karst. p. 1119.
- Kuvayev, V.B. - Concepts of holorange and coorange as exemplified by some medicinal plants. p. 1121.
- Safonova, I.N. - Distribution and ecology of *Caragana bongardiana* (Fisch. et Mey.) Poljak. p. 1126.
- Smyk, G.K. - *Durmast Quercus petraea* Liebl. in Zhitomir Polesye. p. 1130.
- Nikitina, A.A. - Teratology of the flower of "Tajik seedless" mulberry (*Morus alba* L.). p. 1132.
- Grif, V.G. - New chromosome numbers of flowering plants. p. 1133.
- Baltulin, I.O. - Root systems of some dominant plants of Emba Plateau desert associations. p. 1136.
- Skvortsova, N.T. - Morphology of the genus *Hamamelis* L. p. 1143.
- Ioffe, M.D., Zhukova, G.A. - Culture of isolated angiosperm embryo in an artificial medium. p. 1157.
- Kotov, M.I. - Andriy Ivanovich Butcharch, on his forty birthday. p. 1183.
- Saukov, S.G. - Flora and vegetation of Komodo Island in Indonesia. p. 1185.
- Umutov, A.A. - Activities of the All-Union Botanical Society in 1964. p. 1199.
- Vol. 50, no. 9, Sep. 1965.**
- Table of contents translated.
- Lavrenko, E.M., Umutov, A.A. - Thirty anniversary of the All-Union Botanical Society. p. 1205.
- Aleksandrov, V.D. - Distinguishing plant communities in a vegetative continuum. p. 1214.
- Lavrenko, E.M. - Some basic problems concerning the study of the geography and history of the vegetation of subarctic and arctic regions of the U.S.S.R. and adjacent countries. p. 1220.
- Sochava, V.H., and others. - Main stages in the development of general mapping of the vegetation of continents. p. 1268.
- Romanov, I.D. - Analysis of some developmental characteristics of the *Pinus* type coniferous forest. p. 1276.
- Potova, I.R. - Morphology of the reproductive organs of the bamboo *Arundinaria bambusa* (L.) Trin. p. 1280.
- Jayevskiy, L. - Some data on regeneration in the field cuttings of *Hyacinthus orientalis* L. and *Calla palustris* Andr. p. 1305.
- Kobakhtov, D.M. - Role of *Chenopodium rubrum* L. in representing the development of *Pinus* *leucotricha* (Mill. et Ev.) Salis. p. 1307.
- Shul'kina, G.G. - Effect of environmental temperature on the leaf cell thermostability of *Calla speciosa* Wender and some other plants. p. 1310.
- TSvetov, N.N., Bol'dyrevskiy, Z.V. - *Caragana* family: a taxonomic and ecological research. p. 1317.
- Zhukova, G.A. - Karyological characteristics of some plant species of Vologda Island. p. 1320.
- Vaitsova, O.V., Savich, P.I. - Development of the embryo in *Nymphopha candida* Presl and *Aspergillus tetragonus* Georg. p. 1327.
- Derleva, E.U. - Structure and function of the endoderm. p. 1327.
- Umutov, A.A. - Prehistory of the All-Union Botanical Society. p. 1346.
- Dylis, N.V. - Aleksandr Petrovich Shennik and theoretical phytogeography; on the 30th anniversary of his death. p. 1352.
- Umutov, A.A. - In the Committee on the History of the Flora and Vegetation of the U.S.S.R. of the All-Union Botanical Society. p. 1360.
- *FIZIOLOGICHESKII ZHURNAL SSSR** [PHYSIOLOGICAL JOURNAL OF THE U.S.S.R.] Issued by Vsesoiuznoe fiziologicheskoe obshchestvo [All-Union Physiological Society] Moscow, vol. 51, no. 7, 1965.
- Table of contents translated.
- Voinov, I.B. - Electrophysiological data on the role of the cerebral cortex in the outflow of oxytocin. p. 777.
- Kilmova-Cherkasova, V.I. - Significance of the cephalon and mesencephalon in morphogenesis of the central inhibition of efferent activity. p. 784.
- Agadzhanian, N.A., Kallakhanov, L.H. - Effect of the action of gas exchange in a closed atmosphere. p. 793.
- Dolina, S.A. - Effect of various gradients of hypoxia on the sensitivity to epinephrine agents and functional properties of minor formations in the brain. p. 798.
- Stabovskii, L.M. - Content of adrenaline and noradrenaline in the adrenal glands in young rabbits developing normally and under the effect of injection. p. 800.
- Zakhar'zhenskaya, N.P. - Changes in renal vascular resistance under the effect of adrenal medullary hormones. p. 814.
- Mikhaleva, O.A., Lebedinskaya, L.I. - Mechanism of the facilitation of the cardiovascular effects by the stimulation of the ventral caudal end of the vagus sympathetic nerve. p. 824.
- Vasil'eva, L.I., Teplov, S.L. - Changes in the coronary blood flow in stimulation of the afferent fibers of the vagus nerve. p. 826.
- Karman, V.L., Shinkov, V.S. - Spatial dynamics of the left ventricle and phase structure of the cardiac cycle. p. 832.
- Andreichev, A.I. - Changes in the effect of acetylcholine on the content of potassium and sodium in the myocardium and the arterial pressure in rats following the introduction of cortisone and the effect of some additional factors. p. 838.
- Kokhanova, I.U. - Effect of the transfusion of blood substitutes and blood on the rate of the coronary blood flow, myocardial oxygen consumption and heart action. p. 844.
- Putinova, T.G. - Role of calcium ions in the excitation of stimulating substances from a frog's heart under the effect of acetylcholine and adrenaline. p. 861.

- Frankel, V. V. - Age-related characteristics of the sensitivity of tissues to the effect of hormones. p. 851.
- Khavtinskii, N. N., Liberman, V. B. - Effect of proprioceptive stimulation on the muscular activity in man, based on data of electromyographic studies. p. 862.
- Lavitskii, O. F. - Correlations between lactose, sodium and potassium in human milk during the lactation period. p. 867.
- Lizitskii, L. M., Gergman, D. M. - Secretory activity of the stomach following thyroidectomy in ontogeny. p. 870.
- Shvel'ko, E. A. - Ontogeny of pyrogen reactivity in connection with age-related formation of the heat-regulation function. p. 877.
- Sit'chenko, I. N. - Characteristics of bipolar and monopolar derivations of total muscular electrograms. p. 884.
- Rukhminov, K., Kadyrov, U. Z. - Methodology of obtaining pancreatic juice in chronic experiments. p. 890.
- Mitshin, A. M. - Combination of wavemeter and integrator for simultaneous evaluation on the dynamics of the quantity of waves and average amplitude of cerebral bioelectric currents. p. 893.
- Lebedev, O. T., Vikhovaya, K. N. - Device for synchronizing stimulators and controlling and measuring instruments. p. 895.
- Vaf'dman, V. A. - Nikolai Pavlovich Kravkov and his theory of vascular function on the centenary of his birth. p. 897.
- Chigireli Viktorovich Getshuni, on his 60th birthday. p. 900.
- Georgii Pavlovich Komadi, on his 60th birthday. p. 901.
- FIZIOLOGICHESKIY ZHURNAL [PHYSIOLOGICAL JOURNAL].** Issued by Institut fiziologii Akademii nauk USSR [Institute of Physiology of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 11, no. 4, July-Aug. 1965.
- Table of contents translated:
- Kvasnyts'kiy, O. V. - Physiological analysis of embryonic mortality in farm animals. p. 427.
- Martynenko, N. A. - Elasticity and strength of the transparent membrane of oviducts in cattle as an index of their biological inequality and heterogeneity. p. 432.
- Konukhova, L. O. - Reaction of the ovaries in sows to various doses of pregnant mare serum depending on the stage of the sexual cycle. p. 437.
- Hizyts'kiy, S. Z. - Recent data on the biological function of the rumen in cattle. p. 444.
- Dlyzniuchenko, O. H. - Effect of pituitrin on the motor activity of the uterus in sows. p. 448.
- Konukhova, V. O. - Conditioned response to verbal stimuli in swine. p. 454.
- Faltshberg, R. O., Frolova, L. I. - Absorptive activity of the intestine and stomach in water and general starvation. p. 463.
- Adamenko, M. P. - Basic results of S. S. Brilukho-nenko's artificial blood circulation and its recent variations in experimental resuscitation of a dead organism. p. 470.
- Hudz', P. Z. - State of the intraorganic blood supply of the extremity muscles during intense physical stress. p. 477.
- Lavta, A. D. - Neurohormonal changes in diencephalic pathology. p. 485.
- Smolthovets, P. V. - Exocrine function of the pancreas and the contracting function of the gallbladder and pyloric sphincter in peptic ulcer. p. 491.
- Soloviova, K. M. - Effect of high frequency electromagnetic oscillations on the liver in persons with a normal and moderately disturbed functional state of this organ. p. 498.
- Khomulova, O. A. - Microscopic and submicroscopic changes in the adrenal glands in radiation sickness caused by radioactive strontium. p. 504.
- Ialachenko, M. I. - Effect of microwaves on the absorptive capacity of the synovial membrane of the knee joint following the section of the spinal cord. p. 510.
- Sologub, N. M. - Antifat serum, its properties and use. p. 520.
- Stepko, V. I. - Effect of heat on the summation of stimulations in the center of the flexion reflex. p. 520.
- Kuzakov, V. M. - Effect of stimulation of the pulmonary receptors on the electric activity of the cerebral cortex in cats under ether anesthesia. p. 530.
- Antonenko, L. I. - Effect of ganglionic blocking agents on the course of experimental pulmonary embolism. p. 534.
- Hubikh, V. A. - X-ray examination of the motor and evacuatory functions of the stomach following the use of food of various physical and chemical properties. p. 537.
- Berezus'ka, S. V. - Myogenic thrombocytosis in animals of various ages during physiological physical stress. p. 541.
- Kuz'menko, V. A. - Study on nucleosides of purine bases and monosaccharides in acid media. p. 543.
- Filatova-Skorodna'ka, V. V. - Volodymyr Petrovych Filatov. p. 545.
- Povzhytkov, M. M., Holov, D. O. - Determination of the minute volume of the blood using the thermolysis method. p. 548.
- Martynenko, N. A. - Method for the determination of live and dead oviducts. p. 550.
- Huchik, I. U. - Perfusion apparatus for experimental studies. p. 552.
- Huevych, M. I., Bershlein, S. A., Povzhytkov, M. M. - Correlation between tissue oxygen metabolism, hemodynamics and regional blood circulation. p. 555.
- Marchuk, P. D. - Use of biologically active substances in geriatrics. p. 564.
- Danylo Semenovych Vorontsov; obituary. p. 565.
- * FIZIOLOGIYA RASTENII [PHYSIOLOGY OF PLANTS]** Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 12, no. 3, May-June 1965.
- Table of contents translated:
- Shakov, V. S. - Possible role of carotenoids in the mechanism of oxygen transfer during photosynthesis. p. 377.
- Rubin, B. A., Loginova, L. N. - Induced synthesis of enzymes in the leaves of semi-immersed plants. p. 380.
- Kost, K., Vartapetian, B. B. - Diminished mobility of water in a partially dehydrated cell. p. 390.
- Lebedev, G. V., Aschenskaya, N. A. - State of water in plant cells and water exchange in plant seeds. p. 394.
- Paill, G. - Nitrogen and amino acid content in rice leaves under the influence of abundant fertilization with ammonium sulfate. p. 398.
- Ivanov, V. P., Jakobson, G. A. - Metabolite exchange in plants through aerial organs. p. 405.
- Tutshibaev, M., Kuzhulin, A. S. - Movement of labeled assimilates from the cotyledons of cotton. p. 412.
- Prokofiev, A. A. - Use of defolants for increasing the rate of flow of assimilates to the seeds. p. 416.
- Plina, G. V., Kuznetsova, N. N., Rydkil, S. G. - Effect of physiologically active compounds and ionizing radiation on the metabolism of wheat. p. 424.
- Shakhov, A. A., Shishchenko, S. V. - Effect of short-wave ultraviolet rays on the biosynthesis of pigments in plants. p. 432.
- Golynskaya, E. L., and others. - Physiological and biochemical characteristics of the vegetative and generative organs of corn in connection with heterosis. p. 440.
- Gerasimova, V. P. - Characteristics of nitrogen metabolism in the generative tissues of some cotton varieties differing in their ripening time. p. 453.
- Soldatenkov, S. V., and others. - Sugar compounds with organic acids in dormant and germinating corn and wheat seeds. p. 457.
- Paramonov, F. F., Shvetsov, A. S. - Physiological and biochemical characteristics of some corn varieties. p. 463.
- Danilina, A. N., Lase, E. V., Butenko, R. G. - Dedifferentiation of specialized carrot cells and the characteristics of callus growth. p. 469.
- Riabchun, O. P. - Carbohydrate and lignin content per cell in grape shoots. p. 479.
- Roshchina, V. D. - Phytoncides and chloroplast movements. p. 489.
- Kirillova, T. V. - Movement of the protoplasm of barley coleoptile cells at sublethal temperatures. p. 494.
- Nozgovorov, L. A., Solov'ev, A. K. - Effect of low temperatures and pathogenic soil microflora on the water uptake of the morphologic plants. p. 500.
- Samygin, G. A., Matveeva, N. M. - Protective action of solutions during extracellular formation of ice in plant tissues. p. 510.
- Vohlilova, T. V. - Frost resistance of winter wheat depending on cultivation and freezing conditions. p. 525.
- Naumenko, Z. M. - Variation of some physiological features of the young growth of spruce after the cutting of tree stands. p. 532.
- Maksimova, E. V., Matukhin, G. R. - Effect of soil salinization on the respiration rate and activity of the terminal oxidases of millet leaves. p. 540.
- Barskaya, E. I., Ballina, N. V. - Agglutination of chloroplasts in the leaves of Elodea. p. 542.
- Laptev, I. P. - Drought resistance of durum and soft wheat in Central Asia. p. 548.
- Goryshina, T. K. - Regulation of the seasonal development rhythm of prevernal nemoral ephemerals under experimental conditions. p. 549.
- Kornilov, A. A., Kostina, V. S. - Optimal area of pea leaves for the achievement of large crops. p. 551.
- Godnev, T. N., Lipskaya, G. A. - Method for determining the pigment content in the chloroplasts of plants. p. 554.
- Kulava, O. N., Papova, E. A. - Quantitative determination of nucleic acids in plant leaves. p. 558.
- GENETIKA [GENETICS].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, no. 1, 1965.
- Table of contents translated:
- Genetics in the service of the people. p. 3.
- Zhebrak, A. R. - Gregor Mendel and the laws of heredity. p. 6.
- Vavilov, N. I. - To what extent can Mendel's laws be universally applied to segregation in hybrids. p. 15.
- Vavilov, N. I. - Critical review of the present state of genetic theory of plant and animal breeding. p. 20.
- Zhukovskii, P. M. - Genetic and botanical laws in the evolution of cultivated plants. p. 41.
- Dubinin, N. P. - Achievements in genetics in the service of agriculture. p. 50.
- Alshaniy, S. I. - Advances and prospects in the genetics of microorganisms. p. 67.
- Irina, T. S., Sukhodolets, V. V., Alkhanian, S. I. - Genetic mapping of thymine-dependent mutants of Escherichia coli K-12. p. 78.
- Aiman, I. P., Kuznetsova, O. B. - Recovery of pre-mutational states induced by radiation in yeast cells. p. 89.
- Kamenova, S. V., Kallayeva, E. S., Alkhanian, S. I. - Study of the genetic basis of different quantitative thymine requirement by Escherichia coli K-12 thymine mutants. p. 100.
- Gol'dat, S. I. U. - Role of mutagenic factors in the selection of Actinomyces and tetracycline, producer of chlorotetracycline and tetracycline. p. 106.
- Sidorov, B. N., Sokolov, N. N., Andreev, V. S. - Mutagenic effect of ethylenimine in a series of cell generations. p. 112.
- Tupitsyna, E. M. - Study of the nature of somatic mosaicism in Drosophila melanogaster. p. 123.
- Rapoport, I. A. - Mutagenic effect of urethane in gas state and in the presence of oxygen. p. 130.
- Rapoport, I. A. - Mutagenic effect of diethyl sulfate gas in large volume. p. 142.
- Filippova, L. M. - Genetic effect of optically active compounds. p. 153.
- Mokeeva, N. P. - Duration of mitotic cycle and cell interphase stages in the primary culture of embryonic human fibroblasts. p. 157.
- Sakharov, V. N., Voronkova, L. N. - Ultraviolet micro-ray irradiation of the nucleus and cytoplasm of animal tissue culture cells in different phases of the cell cycle. p. 161.
- Koval'chuk, R. I., Ibragimov, Sh. I., Pavlov, P. - High-yielding mutant produced by Co⁶⁰ gamma irradiation of cotton plants. p. 165.
- Mozhaeva, V. S. - Utilization of radiation-induced mutants of winter wheat in breeding work. p. 173.
- Solomon, L. A. - Artificial mutations of practical value in potatoes. p. 179.
- Tedoradze, S. G. - Utilization of radiation-induced bean and soybean mutants in breeding work. p. 185.
- Valova, S. A., Mindlin, S. Z. - All-Union Symposium on Experimental Mutagenesis in Animals, Plants and Microorganisms. p. 198.
- Development of scientific research work in the field of genetics in the Academy of Sciences of the U. S. S. R. p. 200.
- Organization of the Scientific Council on Problems of Genetics and Selection. p. 202.
- Plans for the commemoration of G. Mendel. p. 203.
- Prominent Soviet geneticist S. S. Ghetevikov. p. 204.
- No. 2, Aug. 1965.
- Table of contents translated:
- Gol'dfarb, D. M., and others. - Induction of h-mutations of the phage T2 by nitrous acid and hydroxylamine. p. 1.
- Bresler, S. E., Blankova, A. A., Lantsov, V. A. - DNA synthesis in the process of bacterial conjugation. p. 13.
- Inge-Vecheromov, S. G. - Suppressors of adenine requirement in yeast. p. 22.
- Sukhodolets, V. V. - Genetic study of the transmission of Hfr markers to recombinants in the Hfr F⁻ crosses of Escherichia coli K-12. p. 27.
- Chernik, T. P., Krivitskiy, A. S. - Induction of mutations by ultraviolet irradiations and nitrous acid in the extracellular phage FX174. p. 39.
- Sukhodolets, V. V., Alkhanian, S. I. - Thymidine-sensitive gene in Escherichia coli K-12, phenotypic expression and chromosomal localization. p. 47.
- Volkenshtein, M. V. - Genetic coding of the protein structure. p. 54.
- Efremova, G. I., Roizantsev, E. G. - Mutagenic activity of free radicals of the piperidine series. p. 63.
- Dubinin, N. P., Shcherbakov, V. K., Mokeeva, N. P. - Cytogenetic analysis of the mutagenic effect of chemical mutagens of a new group and some characteristics of natural and induced mutation of chromosomes. p. 67.
- Dubinin, N. P., Shcherbakov, V. K., Kosler, G. N. - Phases of a cell cycle and the mutagenic effect of alkylating compounds. p. 73.
- Olenov, I. M. - Phenomena of phenotypic parallelism in natural populations of Drosophila melanogaster. p. 87.
- Gergashenko, S. M. - Mutability in the wasp Monilella vitripennis WK. p. 93.
- Sebeleva, T. E., Sherudillo, A. I., Kiknadze, I. I. - Quantitative determination of DNA during puff formation in Chironomus dorsalis. p. 102.
- Valova, S. A. - Joint action of various mutagens on barley. p. 106.

- Mikarova, S.I., Zor, N.N. - Induced system mutations in wheat. p.113.
- Abund-Zade, A.I. - Comparative study of the effect of irradiations and chemical mutagens on pea chromosomes. p.119.
- Enchev, V.B. - Role of variety in an experimental mutagenesis. p.124.
- Sidorova, K.K., Kallina, N.P., Uzhintseva, L.P. - Characteristics of nutritional changes in pea varieties and forms. p.135.
- Shchegolev, N.S. - Production of economically valuable artificial mutations in grain crops. p.143.
- Kulik, M.I. - Early and productive tomato mutants obtained by gamma irradiation. p.148.
- Bubitsky, F.Kh. - Experimental data on the nature of inheritance of some taxonomic characters in *Hordeum spontaneum* C.Koch emend. Bacht. p.152.
- Sarkov, I.M. - Genetics of self-incompatibility in flowering plants. p.155.
- Shcherbuko, V.K. - Solemn meeting, dedicated to the centennial of Gregor Mendel's discovery, held in Moscow on June 25, 1965. p.179.
- Bureau of the Scientific Council on Problems of Genetics and Selection. p.180.
- Anton Romanovich Zhebrak. p.181.
- GIDROBIOLOGICHESKIY ZHURNAL [HYDROBIOLOGICAL JOURNAL]** Organ of Odolenskiy obshchestviy biologii Akademii nauk Ukrainiskoy SSR [Department of General Biology of the Academy of Sciences of the Ukrainian S.S.R.] Kiev, vol.1, no.4, 1965
- Table of contents translated:
- Kozlov, M.M., and others. - Littoral and sublittoral benthos of Lake Baikal along the southeastern shore. p.3.
- Vinogradova, Z.A. - Role of marine plankton in the migration of chemical elements. p.12.
- Pechen', G.A. - Production of Cladocera of lake zooplankton. p.19.
- Smirnova, T.S. - Bottom fauna of the Kanda Bay of the White Sea. p.27.
- Andronkova, I.N. - Two levels of the productivity of zooplankton in strongly humified bodies of water of the Karelian Isthmus. p.34.
- Shulak, G.S. - Effect of temperature on the development of abnormalities in the carp intestine. p.39.
- Fedil, S.P. - Theoretical and practical aspects of the improvement of sanitary and hydrobiological regime of the bodies of water in the Ukrainian S.S.R. p.48.
- Smirnova, A.N. - Role of some very widely spread algae as sanitary indicators. p.53.
- Denisova, A.I. - Characteristics of the hydrochemical regimen of Kremenchug Reservoir under ice. p.61.
- Zakutskiy, V.P. - Study of vertical migrations of some benthic and nektonic organisms in the Zhebriyan Bay and Genichesk Port Aquarium. p.63.
- Gurvich, V.V. - Ecologic and zoogeographical characteristics of bottom plankton and microbenthos of Kakhovka Reservoir. p.67.
- Strenko, L.A., and others. - Effect of electric current on the mass species of blue-green algae in cultivation. p.69.
- Dogorov, L.V. - Methods of concentrating phytoplankton samples. p.71.
- IUNYI NATURALIST [YOUNG NATURALIST]** Issued by Tsentral'nyi komitet Vsesoyuznogo leninskogo kommunisticheskogo soluzha molodezhi and Tsentral'nyi sovet Vsesoyuznogo pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers] Moscow, no.11, 1965.
- MIKROBIOLOGICHESKIY ZHURNAL [JOURNAL OF MICROBIOLOGY]** Issued by Institut mikrobiologii Akademii nauk USSR [Institute of Microbiology of the Academy of Sciences of the Ukrainian S.S.R.], Kiev, vol.26, no.4, 1964.
- Table of contents translated:
- Drobot'ko-Afons'ka, S.V., Zakharova, I.A. - Antigenic characteristics and antigenic structure of polysaccharide-containing complexes of enteropathogenic and nontypified strains of *Escherichia coli*. p.3.
- Chebotaeva, M.IU. - Effectiveness of the simultaneous induction to the recipient of a series of characters of the donor culture with the help of DNA in *Bact. typhi* abdominals. p.9.
- Minervin, S.M., and others. - Possibility of detecting the botulinus toxin in water by the method of determining the phagocytic index. p.13.
- Fedorov, A.I. - Phagocytic activity of fowl leucocytes in the process of growth of the Rous sarcoma. p.17.
- Diachenko, I.U.V. - Properties of coagulase-positive *Staphylococci* isolated in one of the maternity houses of Odessa. p.20.
- Khalil, D.IU. - Nature of the motion of *Listeria monocytogenes*. p.26.
- Kolchinskaya, I.D., Medvinskaya, L.IU., Tin'anova, N.Z. - Effect of saline components of the medium on the amylase, catalase and peroxidase activity of *Bac. subtilis* and *Bac. mesentericus*. p.29.
- Kolchinskaya, I.D., Tin'anova, N.Z., Dryadina, L.P. - Oxidative phosphorylation in *Bac. subtilis* and *Bac. mesentericus*. p.33.
- Karpenko, M.K., Kvasnikov, I.E.I., Burakova, A.A. - Dehydrogenase and adenosine activity of homo- and heterofermentative lactic acid bacteria. p.37.
- Preobrazhenskaya, M.IU. - Inanin- and novoinanin-resistant variants of *Staphylococcus aureus* 209 and their endogenic respiration. p.41.
- Dolynskiy, O.V., Volosovets, P.S. - Microflora of a free skin graft in a plastic surgery of clean operative wounds and the effect of inanin on it. p.46.
- Zhdanova, N.M. - Relation of some soil Phylomycetes of the Dematiaceae group to various levels of the relative humidity of the air. p.49.
- Kyrylenko, T.S. - Quantitative and generic composition of fungi in the rhizosphere of barley and oat in the Polesye districts of the Ukrainian S.S.R. p.54.
- Mykhailovna, A.O., Soloduk, L.S., Kharchenko, S.M. - Isolation of ergosterin from the mycelium of *Dendrodochium loxium*. p.60.
- Moras, V.O. - Fungal bacteriostats of soybean and the biology of its causative agent. p.62.
- Bel'ukova, K.G., Matysheva, M.S. - Use of microelements in controlling alfalfa and clover bacteriostats. p.66.
- Diachenko, N.S. - Study of the dynamics of hemagglutinins of adenoviruses in vitro. p.70.
- Likhtorovich, S.O. - Methods of isolating virus in nervous forms of epidemic parotitis. p.75.
- Kulyk, H.V., Vasylevskaya, I.O. - Antimicrobial properties of salicylanilide and its derivatives. p.80.
- Shelud'ko, I.U.M. - Some methods of studying plant viruses in the Laboratory headed by Professor H.Shramm (conclusion). p.86.
- Smalyk, V.T. - Production and application of biomineral fertilizers in Czechoslovakia. p.88.
- Kudzhin, I.U., Iaroshkevich, I. - Use of silicate bacteria in the steppe zone of the Ukraine. p.90.
- Ryba, I.I., Tishchenko, K.I. - Methods of isolating pathogenic fungi from animals. p.92.
- Sixtieth birthday and the fortieth anniversary of scientific activity of Mykola Makarovich Pidoplyeko, Member Correspondent of the Academy of Sciences of the Ukrainian S.S.R. p.95.
- Vol.27, no.5, 1965.
- Table of contents translated:
- Laushnyk, H.M. - Comparative study of the "firmly bound" polysaccharide-containing fraction of alkali-forming enterobacteria. p.3.
- Actinomyces-antagonists from the soils of the Kiev region. p.7.
- Kaluzhna, L.D., Frolov, A.F. - Characteristics of actinomyces, the inhibitors of the growth of the tissue culture of malignant tumors. p.10.
- Kyrylenko, T.S. - Fungi of the order Mucorales in the rhizosphere of barley and oat of the Polesye districts of the Ukrainian S.S.R. p.10.
- Kordum, V.A., and others. - Effect of the removal of metabolites on the growth of *Chlorella vulgaris*. p.23.
- Kucherenko, L.V. - Study of *Pseudomonas aptata* Brown of Jamieson, agent of the sugar-beet bacteriosis in the Ukrainian S.S.R. p.26.
- Bilyk, L.H. - Identification of soybean mosaic viruses in the Ukraine. p.35.
- Bilyk, L.H. - Distribution of soybean viruses in the Ukraine. p.40.
- Zherebchuk, L.K. - Characteristics of carbohydrate metabolism in healthy potato plants and in potato plants with rugose mosaic under the influence of gibberellin. p.45.
- Hlobo, L.I. - Study of the conditions of inactivating APR8 influenza virus with ultraviolet rays for obtaining interferon. p.48.
- Dedopriado, D.M. - Some biological characteristics of *Sonne bacteriophages*. p.55.
- Herasymenko, D.D. - Lysogenization of some *Staphylococci*. p.61.
- Iakymenko, T.M., Kobzlova, M.H. - Combined hemolytic action of *Proteus hemolyticus* and some representatives of the microflora of the intestines. p.63.
- Kishko, I.A.H. - Use of fluorescein isothiocyanate-labeled anticomplementary serum in the Goldwasser-Shepard reaction. p.67.
- Slav'ska, S.S. - N-dichloro-octadecylaldehydes, new synthetic compounds with antifungal effect. p.70.
- Volosovets, P.S. - Effect of inanin and novoinanin on the regeneration of soil tissues in experiment. p.74.
- Rohozhyna, A.P., Brianskaya, A.M. - Use of distillers' grains in Actinomyces cultivation. p.78.
- Kvasnykov, I.E.I., Isakova, D.M., Nestorenko, O.O. - Use of some wastes of the antibiotics industry for growing fodder yeast. p.80.
- Iel'mitskaya, I.E.P. - Bacterial polysaccharides as pyrogens. p.85.
- MIKROBIOLOGIJA [MICROBIOLOGY]** Published by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol.31, no.1, July-August, 1965.
- Table of contents translated:
- Zaitseva, G.N., Gulkova, O.M., Koshchikova, E. - Biochemical changes in cells of *Chromatium minutissimum* under photoautotrophic and heterotrophic conditions of growth. p.54.
- Stolov, V.N., Glazer, V.M., Shevtchenko, V.V. - Content of acid-soluble phosphorus compounds in different variants of *Bacillus brevis* var. *Cooperi*. p.584.
- Matsel'nik, B.P., Shvechenko, A.A., Pavlov, V.I. - Comparative physicochemical characteristics of high polymer deoxyribonucleic acids in *Bacillus cereus* and *Bacillus brevis* strains. p.590.
- Ponomareva, N.V., Solov'ova, K.A. - Formation of aldehydes during heptane oxidation by *Pseudomonas pyocyanus*. p.590.
- Shaposhnikov, V.N., Orlova, I.G. - Effect of acids on the growth of *Pseudomonas fluorescens* and the synthesis of free intracellular amino acids. p.602.
- Mesikov, A.N., Grabovskaya, O.Z., Ievlyanin, V.V. - Effect of phosphorus on the development of the growth of *Actinomyces fragilis* 129. p.613.
- Stupovskikh, L.P. - Fluorescent compounds in the spectrum of yeast of the genus *Candida*. p.617.
- Dogdanova, N.P., and others. - Violacein, a new antibiotic. p.623.
- Kolot, F.B., and others. - Effect of different plant sources on the carotenoid formation by *Yersinia enterocolitica*. p.627.
- Udalova, T.P., Fedorova, R.I. - Effect of various nutrients on the gramicidin formation by *Bacillus brevis* var. *G-11*. p.631.
- Kats, L.N., Pavlova, I.B. - Effect on metabolism and cytochemical study of nuclear elements of *Bacillus cereus* at different stages of culture development. p.630.
- Mikhailova, G.R. - Cytological study of experimental growth of biochemically deficient *Actinomyces viscosus* variants on an agar medium. p.641.
- Goldfarb, D.M., Zuo, V.A., Gerasimovskiy, V.V. - Phage reproduction in spheroplasts of *Escherichia coli* produced with the help of lytic enzymes of the phage T2. p.648.
- Bekko, Z.P., and others. - Chemical synthesis of development of molds producing various antibiotics and antibiotic substances. p.653.
- Golyshova, M.G., and others. - Preservation of *Eremothecium ashbyi* in active state. p.651.
- Alkhanian, S.I., and others. - Characteristics of *Escherichia coli* K12 mutants with mutated adenylic acid synthesizing system. p.669.
- Karnavich, I.U.N., Baturina, M.V. - The adaptation of *Candida tropicalis* yeast adapted to a state of p.670.
- Kovalovskaya, A.N., Revenko, T.A. - Variants of *Escherichia coli* in continuous culture with bile. p.680.
- Mishustin, E.N., Kiylova, N.B. - Molybdenum requirement by free living nitrogen-fixing bacteria. p.683.
- Klimov, I.A., Gubinskaya, K.N., Ievlyanin, V.V. - Growth and nitrogen fixation by *Azotobacter vinelandii* under different aeration conditions. p.689.
- Dubak, N.M. - Azotobacter *chromococcus* and *Bacteriophages* in saline soils of the delta of the Prut River. p.690.
- Drakha, T.I. - Plant growth stimulators produced by *Taphria* fungi. p.702.
- Santsevich, S.A., Ulasov, V.I. - Microbiological hydroponic cucumber culture. p.703.
- Shomova, E.A., Rudavskiy, V.P., Kharkov, I.I. - Fungicidal activity of some aromatic derivatives of trichloroacetic acid. p.715.
- Margolina, G.I. - Microbiological characteristics of *Cherophyllum* *Rosov* virus during first year of its completion. p.720.
- Gatkeev, Kh.I. - Biochemical activity of *Bacillus* strains from nonpathogenic fungi, isolated from air. p.727.
- Sokolov, E.D., Egorova, I.A., Puzoskaya, V.I. - Isolation of unicellular culture by microplate capillary method. p.730.
- Alkhanian, S.I. - Johann Gregor Mendel. p.733.
- Kukan, I.N., Orlovskiy, V. - Developmental and physiological research in the field of studies and practical use of nitrogen-fixing blue-green algae *Lyngbya* *terrestris*. p.743.
- Lambina, V.A. - Fourth Congress of the H. G. Mikrobiologicheskoye. p.747.
- Pavel Andreevich Agatov; on his 60th birthday. p.749.
- Vol.34, no.5, Sep.-Oct. 1965.
- Table of contents translated:
- Korzhukov, V.P., Malofeeva, I.V., Koshchikova, E.N. - Amino acid composition of *Staphylococcus aureus* bacteria. p.753.
- Novikova, A.T., Shvechenko, I.A. - Effect of antibiotics, neutralizing protein synthesis, on the reserve of free amino acids in cells of *Bacillus subtilis*. p.757.

- on the growth of azotobacter vinelandii on various carbon compounds, p. 783.
- Sandak, N.A. - Specificity of the effect of "extracellular factor" on the atmospheric nitrogen fixation by *Azotobacter*, p. 786.
- Khrzhanovskaya, V. E., Bekhtereva, M. N., Tarasova, N. V. - Production of alcohols and acids from glycerol by the culture of *Actinomyces violaceus* strain 719, p. 773.
- Penzikova, G. A., Levilov, M. M. - Dehydrogenase activity in the *Actinomyces fradiae* culture, p. 781.
- Leshchinskaya, I. B. - Study of the phosphatase activity of saprophytic bacteria, p. 786.
- Pokrovskaya, N. V., Kisilakova, O. V. - Mechanism of the stimulating effect of chalk on the glucose oxidase and catalase activity of *Penicillium vitale*, p. 793.
- Egorova, I. A., Golovacheva, R. S., Logunova, L. G. - Ecology and taxonomy of aerobic obligately thermophilic bacteria isolated from the thermal zones of the Yangan-Tau Mountain and the Kunashli Island of the Kurile Islands chain, p. 801.
- Zenova, G. M. - Actinomycetes of the chromogenous group, p. 806.
- Irishchenko, B. N., and others. - Biological properties of small enteric phages containing DNA, p. 811.
- Belykh, R. A., Kivitski, A. S. - Lysogenesis of *Escherichia coli* 600 and SK strains, bacterial hosts for ϕ phage, p. 820.
- Rautenshteyn, I. A., and others. - Characteristics of the lysogenic culture of *Actinomyces sphaeroides* strain 35 producing novobiochin and its temperate actinophage, p. 826.
- Mitronova, T. N., Zharikova, G. G. - Method of obtaining spores from four forms of *Bacillus brevis* var. G.-B, p. 835.
- Chirkovskaya, S. M. - Relation between the sensitivity to penicillin of penicillin-forming strains of *Bacillus subtilis* and the rate of spore germination, p. 840.
- Pavlova, I. B., Kati, L. N. - Photooptical and electron microscope study of the effect of enzymes on bacterial cell, p. 845.
- Geistmeyer, L. M. - Morphological and cytological changes in some algae species under the influence of calcicholine, chlorotetracycline and tyrosylamine, p. 851.
- Shadrina, I. A. - Substructure of the L-form *Proteus vulgaris*, p. 858.
- Mishustin, L. N., Ma'nenko, V. G. - Effect of the *Azotobacter chroococcum* culture on the yield of farm crops, p. 863.
- Blahnik, N. M. - Significance of carbon source in the medium in determining *Azotobacter* in saline soils of Moldavia, p. 868.
- Shelkova, G., Gorigleva, I., Stolanov, N. - Antagonistic properties of actinomycetes isolated from the rhizosphere of various plants, p. 871.
- Kaluzhnikova, L. D., Kozhukhar', I. G., Litovchenko, L. T. - Actinomycetes of the root system of the apple tree, p. 876.
- Pestovskaya, A. F., Goshin, V. K., Skirabin, G. K. - Growth of Macrospor fungi on paraffin, p. 883.
- Shtum, L. D., Rozanova, E. P. - Microflora of the Shon-Su ozonite deposits, p. 886.
- Savol'eva, N. D. - Method of quantitative determination of magnesium-oxidizing *Leptothrix*, p. 896.
- Shlagina, A. I., and others. - Production of classical enotallolids by the saprophytic *Claviceps purpurea* Tul. culture, p. 901.
- Kupletskaya, M. B. - Effect of aeration on the development and granulid S formation in the *Bacillus brevis* var. G.-B. culture, p. 905.
- Skorodumova, A. M. - Fat hydrolyzing yeast, p. 912.
- Kaluzhnik, M. A., Petrushko, G. M., Novikova, G. P. - Flocculation of *Candida glabrata* and *Candida tropicalis* yeasts and its relation to flotation, p. 918.
- Pristavko, V. P. - Role of intestinal endogenous bacteria in the microbiological control of injurious insects, p. 925.
- Osul'tskaya, L. K. - Sixth International Biochemical Congress, p. 931.
- Naumova, A. N., Kuksa, I. N. - Conference on the Symbiotic Fixation of Atmospheric Nitrogen and Practical Application of Nitrogen in Agriculture, p. 937.
- Vladimir Dmitriyevich Timakov, on his 60th birthday, p. 941.
- and fruiting of some plants in central Kazakhstan p. 47
- Sobolev, L. N. - Characteristics of the distribution of plants and soils in dense spruce forests of the Tien Shan, p. 81
- Kurichenko, E. I. - Anatomy of the leaf of the foxtail *Alopecurus vaginatus* Pall. p. 71
- Mikhailovskaya, I. S. - Change in the anatomical structure of some grass roots as related to their aging, p. 81
- Gupalo, P. I. - Significance of the age-related changes in plants and their management in plant growing p. 87
- Smirnov, P. A. - Critical notes on Crimean plants p. 95
- Trut, L. N. - Correlation between the nature of behavior and reproductive function in polar fox (*Alopex lagopus* L.), p. 102.
- Pobedimova, E. G. - Boris Konstantinovich Shishkin as scholar p. 107
- Gold, T., Chernysheva, A. - Eightieth birthday of Professor I. I. Puzanov p. 110
- Brief news p. 127
- MUSU GAMTA [OUR NATURE]. Issued by Lietuvos gamtos apsaugos draugija [Lithuanian Society for Conservation] and others Vilnius, nos 9(206)-10(207), Sep-Oct 1985 [In Lithuanian]
- ORNITOLOGIA [ORNITHOLOGY]. Issued by Glavnoe upravlenie okhotnich'ego khoziaistva i zapovednikov pri Sovetskoi Ministrov RSFSR [Main Administration for Game Management and Preserves, Attached to the Council of Ministers of the R.S.F.S.R.]. Moscow, no. 7, 1985.
- Table of contents translated
- Gladov, N. A. - Problems of bird protection, p. 3.
- Berne, R. L., Prikonski, S. G., Uspenski, S. M. - Water birds of the Indigka Delta and a more efficient use of them, p. 20
- Krechmar, A. V., Leonovich, V. V. - Spring migration of birds over the western Taymyr Peninsula, p. 29
- Kumari, E. V. - Upland swamps of Estonia as habitat for birds, p. 36
- Ghet, L. A., Voinov, G. I. - Distribution and abundance of wildfowl in Kalinin Province, p. 41.
- Kozhevnikova, R. K. - Birds of pine forests of the Bezzina Preserve, p. 55.
- Filonov, K. P. - Quantitative characteristics of the summer ornithofauna of the Brishki Preserve, p. 63.
- Kolesnikov, A. D. - Birds in the forests of the Dnepropetrovsk region, p. 67.
- Gyngazov, A. M., Moskvitin, S. S. - Distribution of some birds in the taiga zone of Western Siberia, p. 71.
- Chumkina, S. P. - Bird fauna and its distribution in the mountain-taiga forests of the Salair Range, p. 76.
- Naumov, R. L., Kislenco, G. S. - Nesting of Temminck's grasshopper warbler and Pallas's grasshopper warbler in the Krasnoyarsk Territory, p. 83.
- Gusev, O. K. - New data on the ornithofauna of the Baikal Lake region, p. 87.
- Darancheva, L. M. - Abundance and the elements of ecology of the capercaillie *Tetrao urogalloides* Midd. in Amur Province, p. 92.
- Kuleshova, L. V., Matishkin, E. N., Kuznetsov, G. V. - Ornithogeographical review of the Khekhtsir Range (Amur Valley), p. 97.
- Kislenco, G. S. - Long-tailed flycatcher in the Ussuri Valley, p. 108.
- Litvinenko, N. M., Shibaev, I. V. - Some rare birds of the southern Maritime Territory, p. 115.
- Nechaev, V. A. - Ornithological findings in the southern Kurile Islands, p. 122.
- Ivanov, F. V., Prikonski, S. G. - Little bustard in the U.S.S.R. and measures for its protection in winter, p. 130.
- Sopyev, O. - Desert sparrow in the Kara Kum, p. 134.
- Rashkevich, N. A. - Abundance and some characters of the ecology of birds in the bottomland forests of the lower Amu Darya Valley, p. 142.
- Kivitski, I. A. - Materials on birds of the Tengiz-Kurgaldzin Depression, p. 146.
- Shekchin, B. V. - Nesting colony of the Amur red-footed falcon in the forest steppe of Transbaikalia, p. 153.
- Adamian, M. S. - Ecology of small rock nuthatch (*Sitta neumayer rupicola* Blanford) in Armenia, p. 157.
- Drozdo, N. N. - Geography of summer bird population in selected landforms of Azerbaijan, p. 168.
- Kydyrbaev, A. - Biology of the Himalayan accentor (*Prunella himalayana* Blyth.) in the Tien Shan, p. 200.
- Krylov, D. G. - Characteristics of the distribution of birds of prey in the Barydzhas basin of the central Tien Shan, p. 203.
- Berman, D. I., Kuz'min, I. F. - Asian snipe *Capella stenura* Bp. in Tuva, p. 209.
- Kishchinskii, A. A. - Biology of some mountain birds of the Kolyma Range, p. 217.
- Paakspu, V. M. - Greylag in the Gulf of Matsalu, p. 226.
- Ivanov, F. V. - Materials on the biology and hunting of the water wildfowl in Ryazan Province, p. 226.
- Marube, V. K. - Ecology of gibbes as related to the fish culture in the Volga Delta, p. 244.
- Grekov, V. S. - Colonies of gressorial and steganopodous birds in the Kyzyl-Agach Preserve, p. 258.
- Skrabin, N. G. - Nesting of the black mallard *Anas poecilorhynchus* in the Baikal Lake region, p. 266.
- Chernikin, E. M. - Biology of Kamchatka sea eagle (*Haliaeetus pelagicus* Pall.), p. 272.
- Shuntov, V. P. - Pelicans and auks of the Bering Sea, p. 276.
- Pashkovskii, S. P. - Olivaceous warbler (*Hippolais pallida olacea* Lnd.) in Belgorod-Dnestrovskiy (Amal Province), p. 287.
- Gania, I. M. - Quantitative characteristics of the ornithofauna in the orchards of the Dniester Valley of Moldavia, p. 290.
- Inozemtsev, A. A. - Characteristics of the feeding habits of corvine birds in the Moscow region, p. 309.
- Shevareva, T. P. - Population characteristics of the migration of birds, p. 318.
- Lebedeva, M. I. - Migration of sandpipers according to birdbanding data, p. 328.
- Zheluin, V. A. - Fall migration of cranes as an indication for winter crop sowing in Estonia, p. 341.
- Bolod, A. - Birds of the Bulgun Valley (Mongolian People's Republic), p. 346.
- Shagdasuren, O. - Ecology of the red-footed falcon *Falco vespertinus amurensis* Baud. in the Mongolian People's Republic, p. 350.
- Vepintsev, B. N., Maikov, V. I. - Methods of recording bird voices under field conditions, p. 353.
- Dolbik, M. S. - Testing a new contact apparatus for studying the behavior of hatching birds, p. 365.
- Korenberg, E. I., Kovalevskii, I. V., Kuznetsov, V. I. - Large-scale map drawing of the distribution of tetraonid birds, p. 371.
- Galushin, V. M. - Use of sticky caps for studying the feeding habits of young birds of prey, p. 380.
- Vtorov, P. P. - Evaluation of the role of bird populations in the economics of nature, p. 385.
- Chel'tsov-Bebutov, A. M. - Biological significance of black grouse mating in the light of the sexual selection theory, p. 388.
- Anorova, N. S. - Age-related changes in birds, p. 398.
- Inozemtsev, A. A. - Significance of highly developed tree creepers in the forest biocenosis, p. 416.
- Stepanian, L. S. - Occurrence of *Caprimulgus rubicilla diabolica* in the U.S.S.R., p. 437.
- Danilov, N. N. - Geographical variation of capercaille, p. 440.
- Belegovoi, V. E. - Geography of the coloration of white vantage, p. 446.
- Buchar-Abramovich, N. I. - A new species of fossil eagle owl from Binagady, p. 452.
- Adamian, M. S., Zaletac, V. S. - Occurrences of trumpeter bullfinch in Transcaucasia, p. 455.
- Ankin, V. I., Parakhin, G. A. - Singing of chaffinch females, p. 456.
- Aidamatskaya, T. B. - Mixed egg laying of red-breasted morganese, sheldrake, and gadwall in the Black Sea Preserve, p. 456.
- Belkin, A. N., Vellzhanin, A. G. - Distribution of crested auklet in the Kurile Islands, p. 457.
- Bel'ski, N. V. - Avifauna of Moscow, p. 457.
- Butenko, O. M. - Gamaisd mites of birds in Oka Preserve, p. 458.
- Voinov, E. M. - Dynamics of the abundance of forest birds in the Pustyn' Biological Station of the Gorkiy University, p. 459.
- Vtorov, P. P. - Characteristics of a bird population based on its abundance, biomass and metabolism, p. 461.
- Gavrilov, N. I. - Distribution of stonechat in the Ukraine, p. 463.
- Gagina, T. N. - Some ornithological findings in the Kuenga Valley (Vitim basin), p. 463.
- Golovanova, E. N. - Nesting grounds and places of the injurious activity of sparrows in Tajikistan, p. 464.
- Gordeev, I. U. - Ornithofauna of the eastern part of the Khanty-Mansi National Area (Tyumen' Province), p. 466.
- Dobrachev, V. P. - Feeding habits of long-eared owl in the Central Urals, p. 468.
- Drozdo, N. N. - Composition of spring ornithofauna in Repetek, p. 468.
- Zaletac, V. S. - Down of black-bellied sandgrouse, p. 469.
- Zal'sepina, R. A. - Destruction of eggs of some passerine birds as related to the construction of Kuybyshev Reservoir, p. 470.
- Islov, E. A. - Sandpipers in the upper Bashkaus Valley (southeastern Altai), p. 470.
- Ishunin, G. I. - Feeding habits of little owl in the Aral-Paygambur Preserve (Uzbekistan), p. 471.
- Kislenco, G. S. - Abundance of birds in the lower Khor Valley (Ussuri basin), p. 472.
- Kishchinskii, A. A. - Ornithological findings in the southern part of the Kolyma Range, p. 473.
- Kovshan', A. F. - Effect of spring frosts on birds of the piedmont area of the Talas Alatau, p. 474.

МОСКОВСКОЕ ОБЩЕСТВО ИСПЫТАТЕЛЕЙ ПРИРОДЫ [Moscow Society of Biologists] [MOSCOW NATURALISTS' SOCIETY, Bulletin Biological Section] Moscow, new series, vol. 70, no. 3, May-June 1968.

Table of contents translated

Neizov, V. M. - Method of map drawing based on fur piece measurement data, p. 7.

Gashev, N. S. - Feeding habits of the genus *Markea* in the Northern Urals, p. 16

Voronov, G. A. - Ecology of gray voles in the upper Lena Valley, p. 22.

Levushkin, S. I., Matekin, P. V. - Biospeologica sovietica, XXV Troglotaes sokolovi gen n sp n, the first troglotant slug p. 35.

- Kurochkin, E.N. - Avifauna of the northern Altai. p. 175.
- Larionov, V.F., Zhelnin, V.A. - Relation between the abortive (fall) sex cycle of some birds and the conditions of daylight. p. 475.
- Lukhanov, Zh.L. - Biology of *Podoces panderi* Fishch. Wald. in the southwestern Kyzyl Kum. p. 476.
- Leont'ev, A.H. - Winter ornithofauna of the Yamalo-Pa region. p. 478.
- Malyshchuk, R.I. - Occurrence of mynah in Kazakhstan. p. 479.
- Mank, A.I.A. - Occurrence of American sparrow hawk in the Baltic region. p. 479.
- Makarov, S.V. - Winter birds of the Komandorskiye Islands. p. 480.
- Marisova, I.V. - Migration of some birds to the West Ukrainian forest steppe. p. 481.
- Molodtsovskii, A.V. - Whooper swan on the Mangyshlak Peninsula. p. 481.
- Miasoedova, O.M. - More on the feeding habits of bank swallow. p. 481.
- Nechayev, V.A. - Green pigeon *Sphenurus sikhoides* Temm. on the Kunashir Island. p. 482.
- Ochajovskii, V.S. - Passage of yellow-headed wagtail over the Caucasus. p. 483.
- Panov, E.N. - Occurrence of birds on Lake Khamha. p. 483.
- Panteleev, P.A. - Significance of hooded crow in the Volga-Akhstaba Floodplain. p. 484.
- Petrov, V.S. - New species of summer birds in Rostov Province. p. 485.
- Petrov, I.K. - Collared turtle dove in Cherkassy Province. p. 485.
- Ravkin, I.U.S. - Wintering birds in the Oka Terrace Preserve. p. 485.
- Rashch, V.L. - Winter occurrence of hedge sparrow on the Baisa-Kel'mess Island. p. 486.
- Svatkov, N.M. - House martins of the Koyak Range. p. 487.
- Smogorzhevskii, L.A., Zolotikhina, S.I. - Biology of dipper of the Talysh Mountains. p. 487.
- Sotskita, M.N. - Nesting of penduline tit in southern Moscow Province. p. 488.
- Stakhovskii, V.V. - Avifauna of water reservoirs. p. 488.
- Stasaitis, J. - Nesting of dunlin and common gull in Lithuania. p. 489.
- Stepanlan, L.S. - Presence of firecrest (*Regulus ignicapillus* Temm.) in the Caucasus. p. 489.
- Tajpash, V.S. - Winter ornithofauna in Transcaucasian Province. p. 491.
- Tatarinov, K.A. - Feeding habits of barn owl in Lvov Province. p. 492.
- Vasilev, V.I., Tanev, D.G. - Bearded titmouse in Azerbaijan. p. 492.
- Uspenskii, S.M., Filin, V.R. - American redhead in the U.S.S.R. p. 494.
- Kharchenko, V.I. - Wall creeper in the eastern Azov Sea region. p. 494.
- Khorov, S.P. - Wintering of mallard in the non-freezing bodies of water of southern Leningrad Province. p. 495.
- Khokhlova, N.A. - Collared flycatcher in Gorkiy Province. p. 496.
- Chumikhin, S.P. - Honey buzzard *Pernis ptilorhynchus orientalis* Tacz. in Kemerovo Province. p. 496.
- Shcheklin, B.V. - Biology of saker falcon in the forest steppe of Transbaikalia. p. 497.
- Larionov, V.F. - Articles on geography in the Ornithologia during the last 5 years. p. 503.
- Zhuravlev, P.A., Bulakhov, V.L., Miasoedova, O.M. - Vasilii Vasil'evich Stakhovskii, on his 80th birthday. p. 503.
- Krivitskii, I.A. - Ornithological conference at the Kharkov University. p. 506.
- Larionov, V.F. - Competition of homing pigeons in Moscow in 1964. p. 507.
- Sirachenko, E.L., Ryzhenkov, V.E. - Some glyco-corticoid like properties of echinatic, meiotropic and anecdotonic acids. p. 376.
- Matison, N.L., Mikhovskaya, O.P., Matynova, F.A. - Medicinal effect of water extracts from birch leaves. p. 377.
- Bogdanova, V.P. - Some differences in the chemical composition of bark sap of the host plants of the lac insect. p. 380.
- Dorzhnevskaya, L.N., Dobychin, V.F. - Medical flora of some central regions of Tomsk Province. p. 383.
- Shreter, A.L., Pimenov, M.G., Vasil'eva, V.D. - Nomenclature, distribution and resources of Dioscorea in the Soviet Far East. p. 390.
- Kichenko, V.I., Pantina, V.V. - Diosgenin content in the rhizomes of some Dioscorea species introduced in the Moscow region. p. 397.
- Kharakov, M.F. - Vegetative propagation of Dioscorea caucasica. p. 402.
- Bocharova, D.A. - Growing the periwinkle *Viola hercynica* in Pyatigorsk. p. 405.
- Aleksandrova, A.V., Sandina, I.B. - Some characteristics of shoot formation in *Scopolia tangutica*. p. 410.
- Kopelova, I.I. - Rare case of a multiple stem in common ginseng (*Panax ginseng* C. A. Mey.). p. 414.
- Makovkina, A.I. - *Nepeta transcasicca* Grossh., a promising aromatic plant. p. 416.
- Nechayev, A.P., Pol'menev, V.K. - Significance of the Amur cork tree as a honey plant. p. 419.
- Skriabina, A.A., Kotzchakova, G.G. - Yield of wild berries in various forest types of Kotelnich District, Kirov Province. p. 423.
- Denisova, G.A. - Inhibiting effect of essential oils and coumarin compounds from Archangelica decurrens Ledeb. fruit on seed germination. p. 425.
- Burovskaya, C.V. - Methods of improving the seed quality of *Larix sibirica*. p. 432.
- Makarov, A.A. - Some general problems in studying the alkaloid-bearing capacity of plants. p. 436.
- Vavilov, N.I. - Science and technology. p. 443.
- Vavilov, N.I. - Wild fruit resources of Kopetdag. p. 450.
- Daiabais, G.M., Satsypetova, I.F., Sokolov, V.S. - History of the study of medicinal plants in the introduction nursery of the Botanical Institute of the Academy of Sciences of the U.S.S.R. p. 451.
- Kabanov, N.E. - Vladimir Nikolaevich Sukachev and his role in the study of plant resources, on his 85th birthday and the 65th anniversary of his scientific activities. p. 461.
- Fedorov, A.I. - Vladimir Sergeevich Sokolov, on his 60th birthday and the 35th anniversary of his scientific activities. p. 464.
- Mukova, L.P. - Meeting of the section on the "Mobilization of natural plant resources of the U.S.S.R. for the needs of the national economy and medicine" of the Special Research Council, March 18, 1965. p. 480.
- Sokolov, V.S., Grashchenkov, A.E. - Sixth meeting of the Coordinating Council of the Ministry of Agriculture of the U.S.S.R. on the problem "Development of scientifically justified measures for the increase of production and improvement of the quality of oilseed and aromatic plants." p. 483.
- REFERATIVNYI ZHURNAL: BIOLOGICHESKAYA KHIMIYA (Oldeniyi vypusk 300) [JOURNAL OF ABSTRACTS: BIOCHEMISTRY (Separate Issue 300)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos 19-22, Oct-Nov 1965
- REFERATIVNYI ZHURNAL BIOLOGIYA [JOURNAL OF ABSTRACTS: BIOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos 19-21, Oct-Nov 1965
- RUSSIA (1923- U.S.S.R., Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Nauchnye doklady vysshego shkoly, biologicheskie nauki [Ministry of Higher and Secondary Specialized Education, Research Papers of Higher Schools, Biological Sciences], Moscow, no. 4, 1965.
- Table of contents translated:
- Tarusev, B.N. - Biophysics and its objectives. p. 7.
- Logvinenko, B.M. - Changes in the fauna of Caspian mollusks of the genus *Dreissena* following introduction of *Mytilus lineatus* (Gmel.). p. 14.
- Gromov, V.V. - Distribution of the Caspian crustacean *Cerophium* in the Sylva Bay of Kama Reservoir. p. 20.
- Pravdin, F.N. - Characteristics of the ecologic distribution of orthopteroid insects in the southwestern Kyzyl Kum. p. 23.
- Beer, S.A. - Seasonal population dynamics of terrestrial spiders of the Moscow region. p. 26.
- Vasil'eva, N.E., Melnikova, M.N. - Changes in the intestinal epithelium of salmon (*Salmo salar* L.) during the spawning period. p. 32.
- Sokolov, L.I., Novikov, A.B. - Materials on the biology of the Siberian sturgeon *Acipenser baeri* Brandt in the bodies of water of Yakutia. p. 37.
- Stepanov, L.S. - Notes on the biology of some elements in the avifauna of the arctic zone of the USSR. p. 39.
- Bashentina, N.V. - Chemical composition of small insectivores (*Microtus*, *Microtus*). p. 43.
- Sakharova, N.U. - Developmental variability of *Dynamena pumila*. p. 48.
- Cheausheanu, I. - "Group" effect in the eggs of *Salmo trutta* (Kessl.) and *Salmo trutta* (L.). p. 52.
- Potebnin, A.V., Udel'nov, M.G. - Changes in the blood circulation in the extracranial and intracranial following stimulation of the pyramidal and depressor regions of the medulla oblongata in cat. p. 59.
- Kaluzhnyi, L.V., Kollina, B.I. - Electric activity of the cortex, lateral and ventral medial nuclei of the hypothalamus and some other formations of the brain following food and defense reflexes in rats. p. 60.
- Bondarova, T.T. - Interrelationships between some regions of the brain following spreading depression. p. 67.
- Semokhina, A.F., Ivanov, B.D., Golobitskiy, A.N. - Study of the psychomotor preparation VI-2 on a model of audiogenic epilepsy. p. 71.
- Panchenko, L.F. - Hypoxia and oxidative phosphorylation in mitochondria of the various regions of the brain. p. 74.
- Kirpichnikova, E.B., Yumolova, M.I., Bukacina, I.A. - Histochemical evidence of the presence of glycogen and potassium in the conductive system of the heart. p. 76.
- Bukhonova, A.I. - Cytochemical reaction of an epithelial regenerate to adrenocortical hormones with various hormones. p. 81.
- Vladimirovskaya, E.M. - Use of embryonic in the artificial insemination to allow the sex ratio in milk rats. p. 86.
- Egorova, T.A. - Synthesis and decomposition of trehalose in the lava of the Chinese termite. p. 91.
- Kriger, I.U.A., and others. - Protective action of some chlorophyll derivatives in radiation injury of yeast. p. 91.
- Lonsadze, B.A., Grigorian, G.I. - Amino acid composition of proteins in mitochondria of the rat liver following radiation injury of the animal. p. 97.
- Baranov, N.A. - Ultraviolet ray penetration of the animal fur. p. 100.
- Korobova-Semenchenko, L.V. - Embryology of 12 representatives of the family *Colitragacae*. Report No. 1. Megaspore germination and development of the female gametophyte in *Veronica crassifolia* (L.) Fritsch and *Chrysanthemum albidum* (L.) F. p. 101.
- Nikolaevskii, V.G. - Effect of water supply on the anatomical structure of the stem of *Alnus* - mites *communis* Trin. p. 106.
- Belostokov, G.P. - Anatomical structure of the carp of some woody plants. p. 114.
- Krasavina, M.S. - Autotoxicity of *Prunella vulgaris* L. p. 120.
- Il'ina, E.I.A., Runova, D.H. - Hormonal and age-related changes in the fruit of blue alfalfa hybrids. p. 124.
- Dundin, I.K., Gubanov, I.A., Lutsenko, I.V. - Distribution and resources of globe thistle in Bashkiria. p. 129.
- Tkachenko, T.V., Vlasova, T.A. - Biology of the peach flowering. p. 135.
- Baglai, A.N. - Growth dynamics of horizontal pine roots. p. 136.
- L'vov, P.L. - Oak forests of Daghestan. p. 140.
- L'vov, I.U.A. - Typology of tropical swamps. p. 141.
- Berezovikov, A.D. - Effect of vegetation conditions on seed proteins in forage beans. p. 146.
- Vinogradova, G.M. - Effect of fertilizers on the yield and quality of Brussels sprouts. p. 151.
- Usik, G.E. - Effect of hybrid vigor and growth promoting substances on the development and yield of reproductive organs in tomatoes. p. 159.
- Ambushov, V.A. - Effect of various herbicides on the protein nitrogen content in the grain of field crops cultivated on Chernozem and turf Podzolic soils. p. 163.
- Sidorski, A.G. - Oxidation-reduction potential as a biochemistry in holohouse cucumber leaves as related to the sex differentiation of plants. p. 167.
- Andrenko, S.S., Shirshova, E.H. - Changes in nitrogen metabolism of corn plants at a lowered minimum temperature in the root zone. p. 170.
- Iakushkina, E.P. - Seasonal changes in the amino acid composition of mulberry leaves. p. 176.
- Pshedetskaya, L.I., Cherepanova, N.P., Cherepanov, A.M. - Preliminary study of *Phytophthora festucae* de Bary strains on tomatoes in Leningrad Province. p. 180.
- D'akov, I.U.T., Sivonkova, A.B. - Chemical protection of potatoes against *Phytophthora infestans*. p. 183.
- Suprun, T.P. - Stimulating effect of fungus extract on the alga *Scenedesmus obliquus*. p. 189.
- Nomerov, B.A. - Some methods of selecting good seedlings according to morphophysiological features. p. 193.

RASITEL'NYE RESURSY (PLANT RESOURCES). Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 1, no. 3, 1965

Table of contents translated:

- Fedorov, A.I. - Two hundred and fiftieth anniversary of V.L. Komarov's Botanical Institute of the Academy of Sciences of the U.S.S.R. p. 313.
- Kireeva, M.S. - Marine plant resources of the U.S.S.R. p. 323.
- Medvedev, P.F. - Significance of N.I. Vavilov's law of homological series for the introduction of useful plants. p. 336.
- Nadzhina, T.P. - Some ecological, morphological and biological characteristics of licorice species growing in the U.S.S.R. p. 340.
- Kuznetsov, V.M. - New species of *Onobrychis* as promising forage plants. p. 355.
- Sobolevskaya, K.A., Vysockaya, G.I. - Study of flavonoids in the Altai representatives of the genus *Polygonum* L. p. 367.
- Stukol, K.L., Smolianskaya, P.G., Zmeeva, G.I. - Content of anthracene derivatives in the bark of alder buckhorn. Report No. 1. p. 369.
- Pimenov, M.G. - Seasonal dynamics of the coumarin content in the underground organs of some Far Eastern species of *Angelica* L. p. 373.

- Aderikhin, P. G., Chulina, I. U. G. - Change in the mineral phosphate content in dying soils. p. 156.
- Speranskaya, G. I. - Group composition of the Chernozem humus in the Tatar A.S.S.R. p. 201.
- Vinokurov, M. A., Mironov, N. A. - Effect of different forest types on the heterogeneity of the soil cores. p. 205.
- *TSITOLOGIYA [CYTOLOGY]. Issued by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, no. 3, May-June 1965.
- Table of contents translated.
- Olenov, I. U. M. - Genes and epigenomic variability. p. 285.
- Vasil'ev, I. U. M., Gel'shtein, V. I. - Cell mechanisms of chemical carcinogenesis. p. 302.
- Klimadze, I. I. - Functional changes of giant chromosomes under the influence of inhibited RNA synthesis. p. 311.
- Platova, T. P. - Determining the intermediate stages of protein synthesis in the nuclei of diosiphilla salivary gland cells. p. 318.
- Lychev, V. A. - Studying the chromosome activity in highly induced diosiphilla. p. 325.
- Sopina, V. A., Iudin, A. L. - Inheritance of the resistance to ethyl alcohol in amoebae. p. 331.
- Kushnet, V. P., Khodosova, I. A. - Effect of carcinogens and mutagens on nucleic acids. Report No. 1. Effect of nitrous acid on the macromolecular structure of the DNA from the rat liver. p. 340.
- Nefakh, S. A., Vasil'ev, I. M. - Mechanism of the "leakage" of enzymes through the outer membrane of tumor cells. p. 317.
- Golubev, D. B., and others. - Changes in the membrane permeability of tissue culture cells during the reproduction of viruses. p. 356.
- Shvemberger, I. N. - Histogenesis of anaplastic tumors induced in rats by nitrosamines. p. 365.
- Pyl'dev, I. I., Bresler, V. M. - Ultrastructure of the transplanted hepatomas of S₃NA mice. Report No. 1. Electron microscopic study of the hepatomas 22 and 46. p. 372.
- Shudel', M. S. - Comparative cytophotometrical study of the response of normal and neoplastic cells to the action of various metabolic inhibitors. p. 377.
- Frankfurt, O. S. - Radioautographic study of the cell life cycles in solid tumors, the G₀ phase in the cells of hepatoma and mammary tumors. p. 388.
- Vakhnin, I. U. B., and others. - Changes in tumor cell populations caused by cloning. p. 393.
- Kallina, L. V. - New data on the genetic interaction of nuclei in amoeba heterokaryons. p. 401.
- Zos, N. N., Makalova, S. I. - Cytological analysis of the mutagenic action of nitrosodithylenes and nitrosomethylurea. p. 405.
- Shukhova, I. P. - Study on the sensitivity of the clones of the transplantable mice tumor (sarcoma 37) to antineoplastic preparations. p. 408.
- Modanova, E. A., Vasil'ev, I. U. M. - Reversible changes of cell resistance to the lytic action of trypsin. p. 410.
- Malenkov, A. G., Shlamm, F. V. - Changes in the intensity of adhesion between cells in the series normal liver-solid hepatoma - ascitic hepatoma. p. 414.
- Fof', V. I. A., Shvemberger, I. N., Ivanov, V. A. - Study of the specific antigens of hepatomas induced in rats by N-nitrosodithylenes. p. 416.
- Novikov, D. K. - Changes in the immunobiological properties of Ehrlich ascites carcinoma under the effect of a suspension of normal tissues of rats. Report No. 1. Heterotransplantation of Ehrlich ascites carcinoma. p. 420.
- Novikov, D. K. - Changes in the immunobiological properties of Ehrlich ascites carcinoma under the effect of a suspension of normal tissues of rats. Report No. 2. Modification of the antigenic structure of a tumor demonstrated by the phenomenon of immunological stimulation of growth. p. 423.
- Bresler, V. M., and others. - Tryptophan pyrrolase activity in regenerating liver cells. p. 427.
- Sukhanova, K. M., Nitova, V. K. - Synthesis of nucleic acids in the khetosomes of *Opalina ranarum*. p. 431.
- Dobrova, I. F., Kostyleva, E. I. - Conference dedicated to the studies on embryological chemistry and embryological physiology conducted on sea urchins. p. 437.
- Buratin, G. Kh. - Role of N-acetyl-L-asparagine acid in brain tissue metabolism. p. 679.
- Gaevskaya, M. S., Nosova, E. A., Siz, L. M. - Changes in the amide group content of cerebral cortex protein in dying and resuscitation. p. 691.
- Gorodisskaya, G. I. A., Kharova, E. M., Shvets, N. A. - Certain aspects of energetic brain metabolism in a deep artificial hypothermia and in a following period. p. 697.
- Huly, M. P., Martynenko, F. P., Sabal'dyr, A. I. - Nonspecific functions of nucleic acids and other polyanions in protein biosynthesis. p. 706.
- Ivanov, I. I., and others. - Change in the enzymic activity of sarcoplasmic proteins of heart muscle in experimental myocardial infarction. p. 712.
- Kometiani, P. A. - Relation between amino acid transformations and ammonia metabolism in the brain. p. 721.
- Kleps, E. M. - Phospholipid composition of nervous system cells in the evolution aspect. p. 734.
- Leulak, K. M., Liubovych, E. M. - Certain aspects of interrelation in the metabolism of ubiquinone, cholesterol, and vitamin A. p. 742.
- Mardashev, S. R., Iarovaya, L. M. - Guanosine monophosphate-synthetase reaction of E. coli. p. 751.
- Oparin, A. I., Deborin, G. A. - Modeling an active transfer of protein through lipid membranes. p. 761.
- Orekhovich, V. N., Shpikler, V. O. - Certain problems involved in the study of the quaternary structure of proteins. p. 769.
- Prokhorova, M. I., and others. - Cerebral gangliosides. p. 778.
- Severin, S. E., and others. - Particular features of oxidative phosphorylation in denervated skeletal muscles. p. 787.
- Ulicevsky, A. M., Osym'ska, V. O., Kalman, P. O. - Transformations of catechol amines via quinoids. p. 798.
- Ferdman, D. L. - Biochemistry of myofibrils. p. 805.
- Chagovets', B. V., Shulman, T. S. M. - Autoradiographic study of the effect of vitamin E deficiency on methionine-S³⁵ metabolism in guinea pigs. p. 812.
- Iakovlev, N. N., Vol'nov, N. I., Leshkevich, L. G. - Effect of pangamic acid, methionine, and a mixture of glucosate and glycine on the metabolism in a heart muscle and the electrocardiography of muscular activity. p. 818.
- UKRAINS'KYI BOTANICHNYI ZHURNAL [UKRAINIAN BOTANICAL JOURNAL]. Issued by Institut botaniky Akademii nauk URSR [Botanical Institute of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 22, no. 4, 1965.
- Table of contents translated.
- Trukhanov, V. A., Panin, V. O., Shevtsov, I. A. - Some problems concerning the selectivity of fertilization in diploid and tetraploid sugar beets. p. 3.
- Navalikhina, N. K. - Methods of obtaining tetraploids in red clover (*Trifolium pratense* L.) by means of colchicine. p. 8.
- Dzovolov'skyi, A. K. - Embryology of squelting cucumber (*Cucumis elatiorum* (L.) A. Rich.). p. 18.
- Shapovalov, O. I. - Winter stability of plastid pigments in winter wheat varieties differing in frost resistance. p. 23.
- Malyolev, M. M., Tymoftelev, P. O. - Effect of water-soluble exudates of some forest and forest weed species on one-year-old oak seedlings. p. 28.
- Sidel'nyk, M. A. - Some characteristics of the water regime of trees in the steppe zone and their significance in the life of forest stands. p. 33.
- Bachuryna, H. F., Zubets', R. I. A. - History of the development of left-bank Polesye bogs. p. 41.
- Kornendar, V. I., Kraiev, V. H., Luchkevych, M. I. U. - Studying the underground parts of herbaceous plants of the Rivna (Ukrainian Carpathians) alpine meadows. p. 48.
- Sarycheva, Z. A. - Seasonal changes in the steppe vegetation of Mikhalivskaya Virgin Steppe Preserve. p. 58.
- Smyk, H. K. - Outline of the flora of the Ovruch-Slovachno Ridge. p. 63.
- Afanasyev, D. I. A., Sheliha-Sosonko, I. U. R. - Flood-plain meadows of the western part of Volyn' Polesye. p. 68.
- Kenik, A. I. E. - Introduction of Juglans L. species into the left-bank forest steppe of the Ukrainian S.S.R. p. 75.
- Kondrat'eva, N. V. - Individuality in homogenous algae. p. 81.
- Palamar-Mordvintseva, G. M., Kostlan, N. V. - Effect of various sources of nitrogen on the development and protein formation in *Ankistrodesmus braunii* Brumitt. p. 91.
- Oksner, A. M. - Bombyliospira De Not., a new genus in the flora of the U.S.S.R. p. 97.
- Bel'hard, O. L. - Georgii Nikolaevich Vysotskiy; on the 100th anniversary of his birth and the 25th anniversary of his death. p. 103.
- Matvienko, O. M. - O. A. Korshakov; on his 75th birthday. p. 110.
- Boiko, I. M. - Geobotanical reports at the Second Ukrainian Conference on Fresh Floods (Lvov, December 16-18, 1964). p. 113.
- Parashykov, V. M., Kostlan, N. V. - Problems of biochemistry at the conference on the theoretical basis of the regulation of mineral nutrition. p. 115.
- Vol. 22, no. 5, 1965.
- Table of contents translated.
- Mnshuk, N. P. - Effect of Na, Mg, Cl and SO₄ ions on the growth, reproduction and carotene formation in *Dunaliella salina* Feod. p. 3.
- Postolytsin, L. H. - In vivo exudates of some blue-green algae and their effect on bacteria. p. 12.
- Topyk, N. D. - Auxin metabolism in the reproductive organs of sugar beets under the conditions of inhibited growth. p. 18.
- Borzhakiv'ska, I. V., Malke, T. K. - Winter damages to trees in the process of acclimatization. p. 22.
- Rudakov, V. I. E. - New confirmations of some regularities in tree transpiration. p. 31.
- Svelechkov, A. M. - Effect of freshly cut shoots of trees and indoor plants on the ionization of air. p. 38.
- Utkin, V. V. - Biological inequality of Crimean wild vetch (*Vicia L.*) seeds in connection with habitat conditions. p. 41.
- Belitskiy, N. V. - Development of vegetative and generative parts of the spikelet of rice (*Oryza sativa* L.). p. 51.
- Koval', E. Z. - Data on the study of entomopathogenic fungi in the Ukraine. p. 59.
- Kotov, M. I. - Flora of the Crimea and its relation with the floras of the Balkans and the Caucasus. p. 62.
- Sheliha-Sosonko, I. U. R., Bahova, R. S. - Description of the vegetation of the Podolian Pokut'ya. p. 67.
- Kucheryava, L. F. - Bogs of the Polesia part of Kiev Province. p. 75.
- Shechukina, N. O., Petrova, L. A. - New data on the flora of the second Mediterranean stage in the environs of the village of Monastyrsk, Lvov Province. p. 80.
- Chopyk, V. I. - New and little-known species of the flora of the Ukrainian Carpathians. p. 87.
- Kharkevych, S. S. - New habitat of *Vesicaria graeca* Reut., a species rarely met in the Caucasus. p. 89.
- Postyghin', S. A. - Suckering plants growing in patches. p. 91.
- Dovbysch, K. P. - Condition and role of pigments in the embryo of winter radish (*Raphanus sativus* L.). p. 92.
- Kotsur, M. V. - Characteristics of the optical properties of integumental tissue in the seeds of some plants. p. 94.
- Panin, V. O. - Johann Gregor Mendel, on the 100th anniversary of his discovery of the laws of heredity. p. 97.
- Reva, M. L. - Founding of the Donetsk Botanical Garden of the Academy of Sciences of the Ukrainian S.S.R. p. 105.
- Masjuk, M. P., Solomakhina, V. M. - Third conference on the study of cryptogams of Kazakhstan and Central Asia. p. 106.
- *USPEKHI SOVREMENNOI BIOLOGII [PROGRESS IN CONTEMPORARY BIOLOGY]. Issued by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 60, no. 2(5), Sep.-Oct. 1965.
- Table of contents translated.
- Antonov, A. S. - Nucleotide composition of DNA in animals; relationship between the taxonomy of these organisms and its evolution. p. 161.
- Zhuravlev, A. I., Veselovskiy, V. A., Koshechenko, N. N. - Bioluminescence and chemiluminescence of some organic compounds. p. 179.
- Kavakova, T. B. - Molecular structure and permeability of mitochondria of the living cell. p. 199.
- Zindzkolov, A. A. - Intracellular lipoprotein membranes and carcinogenesis. p. 215.
- Doman, N. G., Tikhonova, G. V. - Some problems of the energy of lithophilic organisms. p. 238.
- Govadlo, V. I. - Overcoming the intolerance to homotransplants. p. 257.
- Korzhuev, P. A. - Gravitational forces and phylogeny in vertebrates. p. 271.
- Mitskevich, M. S. - Embryonic hormones and their role in prenatal development. p. 287.
- Sukhorukov, K. T., Plotnikova, I. U. M. - Structure and functions of plasmodesmas and ectodesmas. p. 299.
- Pavlov, E., Skobel'skaya, I. U., Sakhal'skaya, T. - Symposium on the formation of endocrine functions in ontogeny. p. 316.
- UZBEKSKI BIOLOGICHESKI ZHURNAL [UZBEK BIOLOGICAL JOURNAL]. Issued by Akademii nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, vol. 9, no. 4, 1965.
- Table of contents translated.
- Saakov, V. S., Saidov, A. S. - Some methodological problems of producing highly active xanthophyll preparations. p. 5.
- Reshetnikov, A. E. - Effect of Co⁶⁰ gamma irradiation of seeds on the forms of water in leaf tissues of corn and wheat. p. 10.

- Usmanova, R.M. - Relation between the proteolytic activity of the thyroid gland and the hormone iodine content in the blood. p.12.
- Shchechokova, S.S., Mubarakova, K.IU. - Role of yeast in silage corn. p.16.
- Khaidarov, D. - Variability of the cotton wilt agent. p.21.
- Ibragimov, M. - Photosynthesis and respiration intensity related to varying doses of nitrogen nutrition. p.26.
- Makhamadzhonov, I. - Change in vitamin content in the fruits of some dog rose species as related to their conservation. p.30.
- Iltusov, A.IU., Rakhimov, K., Safarova, S.N. - Amylolytic activity of the pancreas, liver and intestine under the conditions of high temperature and insolation. p.35.
- Kamalov, Sh. - Seasonal syntheses of the nut and fruit forests in the upper Chirchik Valley and the dynamics of their development. p.39.
- Akramova, R.Kh. - New lichen species from Tajikistan. p.42.
- Saksena, P.N. - Seasonal change in phytoplankton of some ponds of the Kalga-Chirchik Fish Farm. p.45.
- Palzieva, S.A. - Quantitative and anatomical analysis of isosete and reproductive stem leaves of some *Cousinia* and *Actium* species. p.50.
- Palvanilazov, M. - Ecology and economic significance of jackal in the Kara-Kalpak A.S.S.R. p.53.
- Eigashev, N.E. - Injuries to alfalfa apouts. p.57.
- Abdullayev, A. - Resistance of some varieties and perennial forms of cotton to verticilliosis. p.60.
- Iakubov, A.B. - Generative properties of basic mulberry varieties grown for seeds. p.63.
- Cheveridli, S.Kh., Puzner, L.E., Sokolov, P.D. - Joint expedition to natural places of *Polygonum coriariun*. p.69.
- Filatova-Skorodinskaya, V.V. - Vladimir Petrovich Filatov, on his 90th birthday. p.71.
- Bogdanov, O.P. - A conference on herpetology. p.73.

Vol. 9, no. 5, 1965.

Table of contents translated:

- Turakulov, I.A.Kh., Saitov, T. - Fractionation of proteins as to their solubility of a normal and pathological thyroid gland. p.5.
- Makhkamov, G.M., Lidpov, A. - Effect of natural goitrogenous substances on the hormone foimallon in the thyroid gland of rats. p.10.
- Dakunova, K.P. - Effect of physical and chemical factors on local strains of actinomyces, the antagonists of cotton wilt. p.14.
- Milogradova, E.I., Malakhova, P.T., Konstantinova, L.G. - Bacteria accompanying the mass *Chlorella* culture and their role in the biosynthesis of vitamin B₁₂. p.18.
- Kuvabekov, I.Kh. - Treatment of seeds with succinic acid and its effect on the yield and some biochemical indices of the cotton of the 108-F variety. p.21.
- Samiev, Kh. - Photosynthesis in cotton as related to the rate of application of mineral fertilizers. p.25.
- Iltusov, A.IU., Rakhimov, K., Iakush, Z.N. - Some data on perivisceral and parietal digestion in the sheep intestines. p.32.
- Akhmetov, I.Z. - Dynamics of some blood components in pregnant and calving cows. p.36.
- Ivanova, A.I. - Decidual reaction in experimental hypo- and hyperthyroidism. p.39.
- Abdullaeva, M. - Distribution of Central Asiatic mallow and its variation (genus *Alcea*). p.45.
- Gol'dshtein, L.E. - Cellulose-decomposing fungi in the soils of southwestern Kyzyl Kum. p.49.
- Gaponenko, N.I. - Fungi of principal habitats and phytocenoses of Bukhara Province. p.53.
- Konycheva, V.I. - Biology of flowering and embryology of *Salsola gommugosa* Pall. p.58.
- Lakhanov, Zh.L. - Biology of some day birds of prey in southwestern Kyzyl Kum. p.64.
- Kenzhegulov, K. - Ecology and piscicultural significance of herring gull at the southern shores of the Aral Sea. p.68.
- Derlabin, V.I. - Effect of vegetable toxins on the fecundity of cotton and cutworm moths. p.72.
- Rhodzhimuradova, R.Kh. - Viability of female corn flowers. p.74.
- Akhmedov, N.K. - Regeneration of peripheral nerve trunks following whole-body and local X-ray irradiation. p.78.

VOPROSY PITANIA [PROBLEMS OF NUTRITION].

Issued by Ministerstvo zdoravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 24, no. 2, Mar.-Apr. 1965.

Table of contents translated:

- Zolepukha, S.I. - Antimicrobial properties of some tropical and subtropical fruits; survey of literature. p.3.
- Avakian, A.O. - Sterility control of canned vegetables by the detection of live bacilli with the aid of phase contrast fluorescence microscopy. p.8.

- Muhin, I.E., Pavlova, Zh.K., Nagovitsina, L.I. - Relationship between the radium content in vegetables and grain crops and its concentration in the soil. p.11.
- Kiprianova, E.A. - Use of certain enzymes for the liberation of pantothenic acid from its bound forms. p.15.
- Shukhinov, A.F. - Biological value of rice proteins. p.19.
- Lebedeva, E.A. - Characteristics of copper metabolism in elderly people. p.22.
- Ginzburg-Gusakov, F.L., Kharakhokina, K.D. - Effect of various zinc concentrations in the diet on some indices of carbohydrate metabolism in diethylzinc-induced diabetes. p.28.
- Simakov, P.V., Brykina, G.V. - Effect of different amounts of sunflower oil on the excretion of vitamins B₂ and C with urine in children. p.29.
- Tikhonova, G.P., and others. - Polarographic determination of vitamins B₁ and B₂, nicotinic acid and nicotinamide in the presence of an increased vitamin C content. p.32.
- Gvozdeva, L.G. - Excretion of 4-pyridoxic acid with urine in practically healthy persons. p.37.
- Shilunge, I.U.I., Kachkova, V.G., Maganova, N.B. - Study of some vitamin metabolism indices in dogs fed meat products subjected to pasteurizing doses of gamma radiation. p.40.
- Gelmburg, V.G., and others. - Effect of various diets on chemical processes and microflora of the large intestine in man. p.47.
- Gelmburg, V.G., Mikhlin, S.I.A., Nesterin, M.F. - Effect of the deficiency of some group B vitamins on microbiological processes in the large intestine of dogs. p.55.
- Chernitskaya, L.L. - Diet for patients undergone total gastrectomy. p.60.
- Ladina, M. - Effect of proteins in the diet on the pancreatic function. p.63.
- Markova, M.N., Bents, M.I.A. - Some lipid metabolism indices in rats fed different grades of sunflower oil. p.68.
- Konstantinov, E.N., Madaminov, S.Kh. - Incidence of coronary atherosclerosis and hypertension in relation to nutrition. p.72.
- Vorob'eva, A.I. - Manganese balance in the body of 2- and 9-year-old children. p.78.
- Shvalko, I.I. - Effect of manganese on the thyroid gland in hypovitaminosis C. p.78.
- Vorob'eva, A.I. - Copper content in the food served in Tomsk children's institutions. p.81.
- Kiltarov, M.Z. - Effect of bread, meat, milk and vitamin B₁₂ on the secretion of gastrin-mucoprotein. p.81.
- Stebliuk, P.N. - Application of fluorescence microscopy and the use of membrane filters for accelerated bacteriological diagnosis of salmonellas in meat. p.83.
- Troian, A.V., Borukh, I.F. - Wild berries of the Carpathian Mountains as a source of minerals. p.84.
- Kotlianskaya, L.I., Strupinskaya, I.A. - Characteristics of the mineral composition of the food of some organized groups in Transcarpathia. p.85.
- Tilov, N.N., Sakharova, T.N. - Comparative evaluation of sea kale dried by various methods. p.87.
- Gracheva, G.V. - Ukrainian republic-wide conference of physicians on the hygiene of nutrition in connection with the application of poisons in agriculture. p.89.
- Smirnov, M.I. - Symposium on the mechanism of vitamin action. p.91.
- Meshchenko, V.M. - "Iodine content in the foodstuffs of local origin in districts of the Bashkir A.S.S.R. with various incidence of endemic goiter" by L.F. Romysh, R.L. Paten, G.I.A. Godes. p.94.

*VOPROSY VIROLOGII [PROBLEMS OF VIROLOGY]

Issued by Ministerstvo zdoravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 10, no. 2, Mar.-Apr. 1965.

Table of contents translated:

- Pille, E.P. - Simian viruses. p.131.
- Sokolov, M.I., Podcherninaeva, R.I.A., Men'shikh, I.K. - Transmutation of genetic characters with the aid of ribonucleic acid isolated from influenza viruses. p.139.
- Mal'tseva, N.N., Marennikova, S.S. - Selection and the properties of genetically homogenous variants of the smallpox vaccine virus. p.142.
- Bocharov, A.F., and others. - Morphological characteristics of the particles of herpes simplex virus. p.150.
- Bykovskii, A.F., Voronina, F.V. - Anatomy and ontogeny of the adenoviruslike simian virus TK-DM. p.156.
- Andzhaparidze, O.G., and others. - Study of the variability of tick-borne encephalitis viruses. Report No. 1. p.165.
- Chumakov, M.P., and others. - Study of conditions influencing the effectiveness of immunization against tick-borne encephalitis. Report No. 1. Influence of the immunogenic properties of the vaccine on the effectiveness of vaccination and revaccination. p.168.
- Gershenson, S.M. - Viral transduction of hereditary characters in the silkworm *Bombyx mori*. p.172.

- Gishov, F.I., Vagzhanova, V.A. - Dynamics of the reproduction of virus of equine Venezuelan encephalitis in tissue culture. p.176.
- Pigarevskii, V.E., and others. - Paradoxical mitigation of toxic influenza manifestations under the influence of a mild course of a staphylococcal infection of the respiratory tracts. p.181.
- Rapoport, R.I., and others. - Cultivation of a strain of diploid cells of the lungs of a human embryo. p.187.
- Diczin, R.S., and others. - Susceptibility of strains of diploid cells and other cell cultures to rubellaviruses. p.191.
- Pukhov, A.F. - Comparative study of the susceptibility of the human diploid cell strain S₃₄ and primary kidney cells of monkeys to some viruses in relation to the composition of the culture medium. p.198.
- Nelzmalova, M.A. - Cultivation of the chickpox virus in developing chicken embryos. p.204.
- Koslov, P.N., Vasilenko, V.A. - Virus inhibitors in the saliva of healthy people and in influenza patients. p.204.
- Kilachko, N.S., and others. - Results of mass immunization against mumps. p.209.
- Gaidamovich, S.I.A., Duan-Sun Myou. - Fractionation of the Japanese encephalitis virus by the method of chromatography on calcium phosphate columns. p.213.
- Efimova, V.A., Iakhno, M.A., Pichushkov, A.V. - Age-related distribution of antibodies to paramyxoviruses. p.217.
- Rudnitskaya, E.I., Nikol'skii, V.N., Ritova, V.V. - Association of the influenza virus A2 and ECHO virus B. p.219.
- Ermolova, Z.V., and others. - Characteristics of interferon formation in the animal organism. p.221.
- Prilimagi, L.S., and others. - Effect of interferon on the state of the RES cell line inoculated with the tick-borne encephalitis virus. p.225.
- Laph, B.A., and others. - Rate of infection of monkeys in the jungles of North Vietnam by the virus SV40. p.226.
- Somov, G.P., Slonova, R.A. - Isolation of the agent of tick-borne exanthematous typhus (*Deimcentricus sibiricus*) from the organs of mink rodents in the cultures of kidney cells of the human embryo. p.229.
- Rakovskaya, I.V. - Contamination of tissue cultures by pleuropneumonia-like organisms. p.234.
- Mekler, L.B., Naumova, V.L. - Producing fluorescent γ -globulins adequate for clinical and laboratory differential diagnosis of virus infections. p.237.
- Problems of the etiology of infectious hepatitis (Bulkin's disease). p.246.
- Semenov, B.F. - Conference on arbovirus infections. p.248.
- Danilov, A.I., Nosik, N.N., Zairov, G.K. - Problems of virology at the 14th All-Union Congress of Microbiologists, Epidemiologists and Specialists in Infectious Diseases. p.249.

ZHURNAL EVOLUTSIONNOI BIOKHIMII I FIZIOLOGII [JOURNAL OF EVOLUTIONARY BIOCHEMISTRY AND PHYSIOLOGY]. Issued by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, no. 5, Sep.-Oct. 1965.

Table of contents translated:

- Bocharnikova, I.M., Petushkova, E.V. - Effect of carnosine on the contractile and enzymatic properties of actomyosin. p.385.
- Mandel'shtam, I.U.E. - Electron microscopic study of the muscles in insects. p.391.
- Boldyrev, A.A. - Relationship between insulin-like and choline receptor in the process of synaptic transmission. p.398.
- Savina, M.V. - Tricarboxylic acid cycle in the somatic muscle mitochondria of cold-blooded vertebrates. p.404.
- Pigayeva, Z.D. - Biochemical heterogeneity of brain mitochondria. p.413.
- Isaakian, L.A., Rozhalia, D.A., Maslennikova, L.S. - Species characteristics of thermogenesis following hypothermia in rodents. p.419.
- Bulygin, I.A., Zolina-Tsikina, K.F. - Complication of afferent innervation of the distal intestinal segment in the phylogeny of vertebrates. p.425.
- Bursian, A.V. - Primitive forms of photosensitivity in the early chick embryogenesis. p.435.
- Mazurskaya, P.Z., Smirnov, G.D. - Functional characteristics of exteroceptor projections in the dorsal forebrain cortex in turtle. p.442.
- Zagorai'ko, T.M. - Relationship between the forebrain and visual centers of the midbrain in bony fishes and amphibia. p.449.
- Dmitrieva, N.I. - Myelination of the central auditory path in postnatal ontogeny in rabbits. p.459.
- Baskovich, B.L. - Insulin shock in mammals and birds. p.466.

Table of contents translated

- Sharov, A. G. - Origin and main stages of the evolution of Arthropoda. Report No. 1. From annals to arthropods. p. 803.
- Salmukin, A. A., Ustulentsova, E. P. - Zooplankton in the floodplain bodies of water of the lower Ob' and lower Irtysh Rivers and some characteristics of its development. p. 818.
- Reznik, P. A. - Some new methods of animal identification and utilization of perforated index cards in the practical work of a zoologist. p. 826.
- Borutskii, E. V. - Genus *Specovyclops* Kiefer (Copepoda, Cyclopoida). p. 833.
- Petipa, T. S. - Diurnal grazing of phytoplankton in the Black Sea by the copepod *Calanus helgolandicus* (Claus). p. 811.
- Greze, I. I. - Feeding habits of *Gammarus* (Anisopoda) (Rathke) in the Black Sea. p. 855.
- Reitblatt, A. G. - Biology of the gamasid mite *Hemolaelaps semidivertus* Bieg. (Gamasoida, Parasitiformes). p. 863.
- Titova, L. P. - New centipede *Tygaropus munshabadicus* Titova sp. n. (Meicostopodidae, Chilopoda) from southern Tajikistan. p. 871.
- Potoluska, V. A. - Larvae from the genera *Coprophilus* Latreille and *Platystethus* Mannerheim (Coleoptera, Staphylinidae). p. 877.
- Luklanova, A. D., Lapina, N. F. - Life span of suslik *Neopysylla setosa* Wagn. and *Ceratophyllus tesquorum* Wagn. under natural conditions. p. 883.
- Ivanova-Kazas, O. M. - Life cycle of scudins of the genus *Distaplia* as related to the problem of the evolution of metagenesis in Tunicata. p. 888.
- Sapozhenkov, I. U. - Reproduction of mammals in the sandy desert of the Karakum. p. 896.
- Poliakova, R. S., Sokolov, A. S. - Structure of locomotor organs in the flying squirrel (*Pteromys volans* L.) as related to its gliding flight. p. 902.
- Shubin, I. G. - Reproduction of the lesser pika *Ochotona pusilla* Pall. p. 917.
- Fedorov, G. A. - Determining the age and sex structure of the population and the stock of Okhotsk seals. p. 925.
- Krivolutskii, D. A. - Taxonomy of Holarctic species of the genus *Hypochthonius* C. L. Koch, 1835 (Acariformes, Oribatei). p. 934.
- Il'ichev, V. D., Kartashev, N. N. - Evolutionary significance of the transformations of the ear part of the skull in aukes. p. 937.
- Rustamov, A. K., and others. - Stirling *Sturnus pagodarum*, a new bird species of the U.S.S.R. p. 940.
- Loran, M. N., Skvortsov, V. G. - Wintering of bats in Moldavia. p. 911.
- Tropin, N. N. - Life span of the gerbil *Meriones tamariscinus* Pall. in nature. p. 943.
- Mokrievich, N. A. - Diurnal periodicity of oxygen requirement and body temperature fluctuations in *Meriones meridianus* Pall. and *M. tamariscinus* Pall. and lesser susliks (*Citellus pygmaeus* Pall.) in Volga-Ural sands. p. 945.
- Ravdonika, O. V., Egorova, L. S. - Epitroty of tularemia in muskrat population and its role in preserving tularemia agent in winter in the bodies of water of Omsk Province. p. 948.
- Aleksandrov, V. N., Skopov, E. M. - Occurrence of moose in the Northern Caucasus. p. 952.
- Brief news and information. p. 958.
- Vol 44, no 9, 1965.
- Table of contents translated
- Gepner, V. G. - Structures of taxonomic groups and biological progress. p. 1291.
- Kondratenko, V. F. - Ecological factors of the focalization of leptospirosis of the *Habdomas* serological group in the floodplain of the Don River p. 1309.
- Nikolaeva, V. M. - Developmental cycle of trematodes of the family Didymozoidae (Monticelli, 1888) *Poche*, 1907 p. 1317.
- Ialynskaya, N. S. - Pontocaspian immigrants from the genus *Dikrogammarus* (Crustacea, Amphipoda) at the sources of the Dniester River. p. 1328.
- Ibalanova-Zakhvatkina, E. M. - Diagnosis of the species of the genus *Metabellia* Grandjean, 1936 (Oribatei, Damaeidae) p. 1333.
- Rusok, Jozef - Camptodeidae (Diptera) of southeastern Europe. p. 1345.
- Rizanova, G. I. - Interrelationship between body weight and wing area in dragonflies p. 1357.
- Borisova-Zinov'eva, K. B. - Sibling species of the genus *Hypocretia* Sehn (Diptera, Larvaevoridae) parasitizing on the imagos of Scarabaeidae (Coleoptera) p. 1363.
- Kosminskii, R. D. - Feeding habits and reproduction of the fions of house mice under natural and experimental conditions. p. 1372.
- Tarasov, S. A. - Characteristics of the development of the skeleton in *Lagurus lagurus* Pall. and *Stenocranus gregalis* Pall. p. 1376.
- Pruski, W. - Restoration of wild horses, called tarpans, in Poland. p. 1382.
- Michurin, L. N. - Some morphological characteristics of wild reindeer on the Taymyr Peninsula p. 1396.
- Drozdoz, V. N. - Ways of the penetration of *Opisthorchis* larvae into fish p. 1395.
- Atabek, B. - Distribution of *Bothrioccephalus gonkongensis* Yeh, 1955 (Cestoda, Pseudophyllidae) in the bodies of water of the Kara Kum Canal p. 1407.
- Smirnov, N. N. - Life cycle of some Chydoridae p. 1409.
- Pospelova-Shtroum, M. V., Naumov, R. L. - A case of the tick *Hemaphysalis ornithophila* Hoog. et Kohls, 1959 (Ixodidae, Ixodidae) brought to the U.S.S.R. by the migratory bird *Turdus dauma* Lath. p. 1411.
- Krivolutskii, D. A. - New occurrence of *Opiliscus* in the U.S.S.R. p. 1413.
- Grunin, K. I. A., Shubin, N. G. - New water fly *Tetrachobius* Guerin gen. et sp. n. (Diptera, Hypodermatidae) from Siberia p. 1414.
- Maslennikov, Z. P., Gorobunova, A. I. - Biology of fleas of greater gerbils in the northern desert subzone following extermination of rodents aimed at the elimination of plague epizootic p. 1416.
- Muskhelishvili, T. A. - Distribution of Eumeces schneideri (Daudin) in Georgia. p. 1419.
- Sheberbek, N. N. - New data on the reproduction of the gekko *Gymnolacerta kotschy* Danilevskii Str p. 1421.
- Zhigolev, D. T. - Effect of the blood of *Vipera lebetina* L. on ticks of the genus *Onchophora* p. 1422.
- Dolnik, V. R. - Role of light and darkness in the seasonal changes in the sensitivity of photoperiodic regulators in finches p. 1423.
- Emel'yanov, P. F. - Distribution of lesser suslik in Stavropol Territory. p. 1425.
- Trukhachev, N. N. - Occurrence of a dwarf jerboa in the southern Balkhash Lake region p. 1428.
- Rakov, N. V. - Recent distribution of ocelot in the Amur-Ussuri area p. 1429.
- Brief news and information p. 1437.
- AKADEMIYA NAUK SSSR. Izvestiya. Neorganicheskoe materialy [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Inorganic Materials]. Moscow, vol. 1, no. 5, May 1965.
- Table of contents translated
- Olova, T. I., Igorov, A. I., Nevskaya, A. V. - Aluminum alkoxycarboxylates. p. 633.
- Kirgintsev, A. N., Avvakumov, E. G. - Intercrystalline capture of a nonamorphous mixture in oriented crystallization of a substance from a melt. p. 638.
- Shashkov, I. U. M., Shushkova, N. I. A. - Formation of nondefected silicon single crystals at the increased rates of pulling. p. 613.
- Zemskov, V. S. - Phosphorus vapor pressure over a silicon melt alloyed with phosphorus. p. 648.
- Nashpor, V. S., Samsonov, G. V. - Electronic structure, chemical bond, and physical properties of rhodium disulfide and its alloys. p. 655.
- Ugaj, A. A., and others. - Production of indium phosphide by precipitation from a solution and some of its properties. p. 663.
- Kokoshin, V. A., Mergalovskaya, M. S., Benbolodova, V. M. - Study of the degree of homogeneity of indium antimonide alloyed crystals. p. 668.
- Kurnetsov, V. G., and others. - Cobalt-sulfur system. p. 675.
- Zorina, E. L., Velichkova, V. B., Gulov, T. N. - Infrared absorption of indium selenide single crystals. p. 680.
- Ilisev, A. A., Kuznetsov, V. G. - Crystalline structure of $LaTe_3$. p. 682.
- Bunashok, E. I., and others. - Measurement of corundum enthalpy at temperatures from 1200 to 1873°K. p. 688.
- Gladyshevskii, E. I., Kriplavich, P. I. - Crystalline structures of the compounds La_2Si_3 , Ce_2Si_3 , Pr_2Si_3 , Nd_2Si_3 , and Sm_2Si_3 . p. 702.
- Gladyshevskii, E. I. - Compounds La_2Si_2 , Ce_2Si_2 and their crystalline structures. p. 708.
- Dvorina, L. A., Pictasov, V. S., Gladyshevskii, E. I. - Scandium monosulfide and its crystalline structure. p. 711.
- Nefedov, A. P., and others. - Phase diagrams of the ternary systems V - Ta - Nb and V - Ta - Mo. p. 725.
- Kolomolets, D. T., Pollakov, I. U. A. - Interaction between As_2S_3 and PbS . p. 721.
- Perelman, F. M., Zvyorkin, A. I. A., Gamza, L. B. - Degree of polymerization of sodium metaphosphate at various temperatures. p. 725.
- Kozlov, A. S. - Formation of complex copper and ammonium ferrocyanide of constant composition. p. 730.
- Shvalko-Shvaikovskii, V. E., Leonov, A. I., Shelykh, A. I. - Electric and thermogravimetric studies of cerium titanate, chalcite, and aluminate of porycalcite structure. p. 737.
- Davlin, I. A., Glushkova, V. D., Keler, E. K. - Study of the system Nd_2O_3 - ZrO_2 . Regions rich in zirconium dioxide. p. 743.
- Dubinskaya, L. S., Tret'akov, I. U. D. - Electric conductivity of solid phases in the system Mn_2O_3 - Fe_2O_3 . p. 751.
- Dem'iants, L. N., Pombak, M. I. - X-ray diffraction study and some optical characteristics of the system $CaWO_4$ - $CdWO_4$. p. 758.
- Toropov, N. A., Tigonon, G. V. - Crystallization of glasses of the system $CaO \cdot Al_2O_3 \cdot 2SiO_2$ - $CaO \cdot SiO_2$ in the subeutectic region. p. 763.
- Toropov, N. A., Dubovitskii, K. A. - Effect of sodium and potassium oxides on the mineralogical composition of Portland cement clinker. p. 769.
- Toropov, N. A., Tigonon, G. V. - Linear rate of growth of amorphous crystals in glass at 1000°C. p. 775.
- Butt, I. U. M., Timashov, V. V., Kaushanskii, V. L. - Solid solutions of $3SiO_2$ in $CaO \cdot SiO_2$ and their properties p. 780.
- Polevnev, I. U. M., Chukhantsev, V. G. - Subsolidus structure of the system Li_2O - ZrO_2 - SiO_2 . p. 784.
- Kitaigorodskii, I. L., Petrov, S. V. - Pore formation in slag melts in the state of bubbling. p. 788.
- Kitaigorodskii, I. L., Zhukovskii, Z. V. - Microemulsions in the crystallization of high-calcium phosphorus-containing glasses. p. 792.
- Kitaigorodskii, I. L., Khodakovskaya, R. A. - Some regularities of glass crystallization process in the system SiO_2 - Al_2O_3 - MgO . p. 796.
- Olova, I. G., Kaluzskii, I. S., Pirogovskii, M. I. - Effect of modifying additions on the strength of corundum ceramics. p. 804.
- Kaluzskii, I. S., Degtyareva, E. V., Alekseenko, L. S. - Effect of modifying additions on the dielectric properties of corundum ceramics. p. 810.
- Degtyareva, E. V., and others. - Dielectric properties of corundum ceramics and its microstructure. p. 816.
- Bol'shakova, I. K. - Twentieth International Congress on Theoretical and Applied Chemistry. p. 823.
- AKADEMIYA NAUK SSSR. Izvestiya. Seriya khimicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Chemical Series]. Moscow, no. 10, 1965.
- Table of contents translated
- Aleksandrov, Naumovich Frumkin. p. 127.
- Petr Petrovich Budnikov. p. 128.
- Dubinin, M. M., and others. - Adsorption properties and the secondary porous structure of adsorbents having molecular-sieve action. Report No. 11 Specific surface of secondary pores of molded type-A synthetic zeolites. p. 1731.
- Markin, V. S. - Capillary equilibrium in porous media. Report No. 2 Solution of equations. p. 1741.
- Tolstopiatova, A. A., Tarykova, K. D., Pyn Bt-siau [Pyn Bt-siau]. - Catalytic properties of gadolinium oxide in hydrogenation and dehydration reactions of alcohols and dehydrogenation of ketals. p. 1751.
- Eshov, B. G., and others. - Electron paramagnetic resonance spectra of irradiated frozen aqueous solutions. Report No. 2. Aqueous solutions of sodium nitrite. p. 1758.
- Teniseva, T. F., and others. - Infrared spectra of rare-earth pyrogermanates and the structure of Gd_2O_3 amon. p. 1764.
- Teniseva, T. F., Pavlyukovich, T. M., Lazarev, A. N. - Infrared spectra and the structure of rare-earth phosphates and sulfates. p. 1771.
- Kharova, O. A., Vasil'ev, I. U. B., Bagotskii, V. S. - Electrolytic oxidation of organic substances on a platinum electrode. Report No. 2. Kinetics of oxidation of alcohols, aldehydes, and carboxylic acids with the estimation of the surface homogeneity of the platinum electrode. p. 1778.
- Fiedina, R. Kh., Khorlina, M. I. A., Kost, V. N. - Homolytic reactions of a dichlorovinyl group. p. 1786.
- Khairullin, V. K. - Preparation and rearrangement of mixed phenylphosphonous esters. p. 1792.
- Prudchenko, A. T., Barkash, V. A., Vorozhtsov, Jn., N. N. - Pentafluorobenzoic acid ester. p. 1798.
- Sokol'skii, G. A., Belaventsov, M. A., Kuminants, I. L. - Fluorine-containing β -sulfones. Report No. 14. Trifluorovinyl chlorosulfate. p. 1804.
- Zakhar'yev, A. V., and others. - 1-Vinyl-1,2,3,4-tetraol-1,6-diol and its condensation with 2-methyl-1,3-cyclohexanedione and 2-methyl-1,3-cyclopentanedione into estrone derivatives. p. 1809.
- Vafina, M. G., Derevitskaya, V. A., Kochetkov, N. K. - Glycopeptides. Report No. 10. Synthesis of serine O-glycosides. p. 1814.
- Arbuzov, B. A., Shapshinskaya, L. A., Erokhina, V. M. - Interaction of ring-forming chlorophosphites with diene hydrocarbons. p. 1820.
- Mistriukov, E. A. - Effect of electrostatic factors on the stereochemistry of hydride reduction of ketones of the piperidine series. p. 1826.
- Mistriukov, E. A. - Effect of electrostatic factors on the stereochemistry of catalytic hydrogenation of ketones of the piperidine series. p. 1832.
- Smirnov, L. D., and others. - Sterically hindered 3-hydroxypyridines. Report No. 5: Proton magnetic resonance method and chemical methods of studying the course of reactions of amino- and hydroxymethylation in the 2-alkyl-3-hydroxypyridine series. p. 1836.

- Borunov, N. V., and others. - Preparation of propionaldehyde by catalytic hydrogenation of n-propyl alcohol. p. 1845.
- Golovinski, G. V., and others. - Preparation of bicyclo [2, 2, 1] hepta-2, 5-diene, effect of the nature of phlegmatizer, temperature, pressure, and cyclopentadiene feed rate. p. 1850.
- Amino, S. N., Terent'ev, A. B. - Telomerization of ethylene by aliphatic acids and acetonitrile. p. 1855.
- Barano, E. L., Franze, T. M., Kuzashev, V. V. - Graft copolymerization of styrene with ϵ -caprolactam in block. p. 1860.
- Litbedeva, A. I., Nikolova, N. A. - Direct micro-determination of oxygen in mercury-containing compounds. p. 1867.
- Rudenko, M. G., Turfuchik, I. G. - Synthesis of p-phenylstyrene hemolysis. p. 1869.
- Dryvdova, G. V., Shorygina, N. N., Lozanova, A. V. - Carboxylation of 2, 3, 4-tri-O-methyl-4, 6-anhydroglucopyranose by the action of metallic sodium in pyridine medium. p. 1870.
- Knutants, I. L., Golubeva, N. E., Del'tsova, D. P. - Pentides containing N-dichloroacetyl-DL-serine. p. 1872.
- Diatlin, B. L., Gvorkian, A. A., Knutants, I. L. - Substitution of nitroso group in perfluoronitroso alkanes. p. 1873.
- Berlin, A. A., Cheskashin, M. I., Kisilitsa, P. P. - Polymerization of β -iodophenylacetylene. p. 1875.
- Bialina, E. M., Minacheva, M. Kh., Freidlina, R. Kh. - Some properties of tetraacyclopentadienylzincium. p. 1877.
- Komarov, N. V., Semenova, N. V. - Synthesis of vinyl esters of organosilicon carboxylic acids. p. 1879.
- Minakova, T. T., Sidel'kovskaya, F. P., Shostakovskii, M. F. - Vinylpyrrolidone copolymers with allylidene diacetate. p. 1880.
- Nesmetanov, A. M., and others. - Synthesis of 1, 2-disubstituted ferrocenes. p. 1882.
- Gunar, V. I., Ovechikina, L. F., Zav'yalov, S. I. - Reaction of diketene with ammonia and amides of carboxylic acids. p. 1885.
- Zav'yalov, S. I., Mikhailov, I. A., Gunar, V. I. - Synthesis of citric acid from maleic acid. p. 1887.
- Droz, V. N., Shelchenko, V. I., Postnov, V. N. - Structure of hydrazones formed from β -dicarbonyl compounds by means of azo-coupling reaction. p. 1888.
- Povarov, L. S., and others. - Reactions of anils with vinylbutyl sulfide. p. 1891.
- Bondar', L. S., and others. - Re-esterification of malonic acid esters. p. 1893.
- Andrianov, K. A., Lavynin, I. A. - Reaction of bis (8-quinolinol) dibutoxytitanium with α -hydroxy- ω -trimethylsiloxydimethylsiloxanes. p. 1895.
- Kalin'sh, K. K., and others. - Infrared spectra of amino acids in a sorbed state. p. 1897.
- Lagidze, D. R., Ananchenko, S. N., Torgov, I. V. - Preparation of 2-alkyl-1, 3-cyclopentanedione. p. 1899.
- Nureldinova, O. N. - Addition of ethyl- and phenylchlorophosphines to alkylene sulfides. p. 1901.
- Tsentseper, A. B., Kuznetsova, Z. I. - Thermal decomposition of lithium peroxide. p. 1902.
- Zakharin, L. I., L'vov, A. I. - Electron-acceptor character of the neobarene (neocarborane) system. p. 1905.
- Gusinskaya, V. A., Borisova, Z. V. - Synthesis of trifluoromethylmalonimide. p. 1907.
- ELEKTROKHIMIA [ELECTROCHEMISTRY]** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 1, no. 7, July 1965.
- Table of contents translated:
- Damaskin, B. B., Ivanova, R. V., Survia, A. A. - Adsorption of inorganic ions on mercury from formamide solutions. p. 767.
- Gorodetskii, I. U. S. - Oscillographic polarography of scandium ions. p. 773.
- Kopylov, I. U. A., Nemchenko, A. M. - Use of probe methods in the study of electroconductivity of organic liquids. p. 779.
- Knats, L. L., Dubovik, G. G. - Technique of generating self-oscillations in a cell for measuring the Volta potential difference by the condenser method. p. 788.
- Materova, E. A., Rozhanskaya, T. I., Sirota, Z. M. - Electrochemical properties of membranes from anion exchangers with different ionogenic group structure. Part 1: Nonexchange adsorption of electrolytes by membranes. p. 794.
- Korunskaya, A. L., Miskidzh'ian, S. P., Pastushenko, A. A. - Conducting nonaqueous systems formed by nonconducting components. p. 800.
- Briskvin, V. A., Petygin, V. I., Kabachkov, N. I. - Methods of studying the macrokinetics of oxidation of sulfide materials with a continuous recording of the chemical reaction rate. p. 806.
- Solov'eva, Z. A. - Electroreduction of chromic acid in the presence of fluoride ion additions. p. 812.
- El'mov, E. A., Erusatimchik, I. G. - Anodic dissolution of gallium arsenide. p. 818.
- Fadaya, L. E., Kessler, I. U. M., Povarov, I. U. M. - Activity coefficients of sodium and cesium chlorides in a mixture of formamide with acetamide at 25° C. p. 822.
- Zolotovskii, I. A. M., Todoradze, G. A., Fisher, A. B. - Effect of large surface coverages in the electrochemical reduction of dipyrrolylthylene on mercury. p. 828.
- Smirnov, M. V., Lbov, V. S. - Interaction of metallic cerium with its fused trichloride and the equilibrium constant of the reaction $\text{Ce}(\text{liquid}) + 2\text{CeCl}_3(\text{molten}) \rightleftharpoons 3\text{CeCl}_2(\text{molten})$. p. 833.
- Petianko, A. T. - Effect of surface-active agents on hydrogen overvoltage on indium. p. 839.
- Alyptova, N. M., Kessler, I. U. M., Garbanov, A. I. - Anodic behavior of silicon in some nonaqueous solutions. Part 1. p. 844.
- Nazarov, B. F., Stromborg, A. G. - Effect of the contact diameter and size of a hanging mercury drop on its active surface in the method of amalgam polarography with storage. p. 851.
- Rusakova, M. S., Tur'ian, I. A. I., Ustavshchikov, B. F. - Polarography of nitric acid esters. Mechanism of electroreduction. p. 854.
- Krichmar, S. I. - Theory of the levelling effect in the electrochemical behavior of metals. p. 858.
- Ponomarenko, A. G., Morozov, A. N., Karshin, V. P. - Effect of the oxide-reduction potential of the medium on the composition and properties of CaO-SiO_2 melts. p. 862.
- Vishninskii, R. M., Shilovskii, I. U. P. - Self-oscillations in the electrodeposition of metals. p. 864.
- Kahlev, T., and others. - Effect of the conditions of genesis of a Ni-Al alloy on the electrochemical activity of hydrogen diffusion electrodes. p. 868.
- Batakhia, N. N. - Relation between the CN ion and the surface-active additions. p. 872.
- Budafa, I. U. F., and others. - Electric conductivity and pH of the equilibrium of carbonate-bicarbonate electrolytes. p. 874.
- Davdov, B. E., and others. - Synthesis and electrophysical properties of polydiphenylacetylenes. p. 876.
- Bukun, N. G., Svalov, G. N. - Double layer capacity in fused alkaline earth metal chlorides. p. 880.
- Zolotovskii, I. A. M. - Fifth Conference on the Electrochemistry of Organic Compounds. p. 882.
- Vol. 1, no. 9, Sep. 1965.**
- Table of contents translated:
- Kabanov, E. N., and others. - Overvoltage and mechanism of cathodic incorporation of alkali metals into solid electrodes. p. 1023.
- Beskerovskaya, S. S., Vasil'ov, I. U. B., Bagotskii, V. S. - Kinetics of methanol adsorption on a platinum electrode. p. 1028.
- Stromborg, A. G., Zakharova, E. A. - Diffusion coefficients of metals in mercury. Part 1. New method for determining diffusion coefficients from the decay with time of the anodic limiting current on a hanging mercury drop. p. 1030.
- Mairanovskii, S. G., Filonova, A. D. - Kinetic surface waves of 5-Bi-2-acylthiophene in water-methanol solutions. p. 1011.
- Gokhshtein, A. I. A. - Resistance of anodic iodine films. p. 1032.
- Pechenikov, A. P., Losev, V. V. - Electrochemical behavior of indium. Part 1: Cathodic process. p. 1038.
- Protosonko, P. I., Shisholina, R. P. - Conductance of melts of the system $\text{Li}_2\text{C}_2\text{O}_4\text{--NO}_2\text{--NO}_3$. p. 1044.
- Mitskevich, P. K., Solodovnikov, I. M., Sigaev, M. T. - Certain features of the behavior of ethyl ether in nonuniform electric fields. p. 1072.
- Shchigolev, P. V., Sazonova, Z. B. - Electropolishing of silicon. p. 1077.
- Kovaleva, L. M., Zebrova, A. I. - Electrochemical investigation of the containing amalgams. p. 1081.
- Solov'eva, Z. A. - Effect of temperature on the electroreduction rate of chromic acid. Part 1. p. 1086.
- Zhdanov, S. I., Pats, R. G. - Polarography of tellurium. Part 2: Hexavalent tellurium. p. 1092.
- Kuznetsov, V. V., Subbotina, N. I. - Effect of ultrasound on the diffusion of electrolytic hydrogen through iron membranes. p. 1096.
- Sokol'skaya, A. M., Ribakina, S. A., Sokol'skii, D. V. - Hydrogenation of dimethylethynylcarbinol in the presence of alkali metal cations. p. 1098.
- Ponomov, A. V., Kolovskaya, N. L. - Dispersality of chemically reduced powdered metals depending on the potential of the reducing agent. p. 1103.
- Borovikov, I. U. I. A., Filakov, I. U. I. A. - Dielectric constant of some binary liquid systems with high electric conductivity. p. 1106.
- Lukhovskii, V. I., Chikhi, I. U. A. - Some electric phenomena observed during crystallization. p. 1110.
- Golikov, G. A., Leont'ev, A. V. - Measurement of the Volta potential difference of electrodeposited nickel as depending on its structure. p. 1113.
- Kuznetsov, V. V., Kon'shina, E. N. - Diffusion of electrolytic hydrogen through bimetallic membranes. p. 1118.
- Shatalov, A. I. A., Tsygankova, L. E., Ugal, I. A. A. - Anodic oxidation of some intermetallic compounds. p. 1118.
- Damaskin, B. B. - Constant of the attraction interaction between adsorbed organic molecules. Part 1: Factor contributing to its linear dependence on the potential. p. 1124.
- Tomilov, A. P., Sergo, A. A., Vashchuk, S. E. - Electroreduction of glyceraldehyde on pyrolytic graphite. p. 1126.
- Tsvetkov, V. V., Borovkov, V. S. - Electric field controlled electrochemical resistance cell. p. 1127.
- Fil'mov, E. A., Puzanovskii, I. G. - Electrochemical processes on an anodic electrode. p. 1130.
- Malozov, S. G. - Effect of some organic substances on the anodic dissolution of metals in perchloric acid. Part 2: Anodic dissolution of tin. p. 1132.
- Khashin, A. Z., Merkulova, N. S., Khashin, V. I. - Square pulse generator for electrochemical investigations. p. 1137.
- Demidova, G. N., and others. - Absorption of electric conductivity and photoconductivity of polyazo polyacetylenes. p. 1137.
- Trofimov, A. N. - Current distribution on the electrode during electroreduction of metals in the anodic field. p. 1150.
- Kuznetsov, V. A., Damaskin, B. B. - Adsorption of some derivatives of pentamethylenediamine on the chlorobenzene at the solution - amalgam - mercury interface. p. 1153.
- Sapozhnik, V. D. - Case of the formation of a double layer solution under the effect of electric discharge between an external anode and a concentrated solution of alkali metal salt at high polarizations. p. 1157.
- KHIMICHESKAIA INFORMATSIIA, SINDAKATSKIY UCHASTOK** [CHEMICAL INFORMATION, CHAMBER INDEX OF ARTICLES] Issued by Vsesoyuznaya biblioteka inostranneykh literatury [All-Union State Library of Foreign Literature], Moscow, no. 8(103), Sep. 1965.
- KHIMIYA V SHKOLU [CHEMISTRY IN SCHOOL]** Issued by Ministerstvo prosveshcheniya RSFSR [Ministry of Education of the R.S.F.S.R.] Moscow, vol. 2, no. 5, Sep.-Oct. 1965.
- *KINETIKA I KATALIZ [KINETICS AND CATALYSIS]** Issued by Sibirskoe otdelenie Akademii nauk [Siberian Department of the Academy of Sciences of the U.S.S.R.], Moscow, vol. 6, no. 1, May 1965.
- Table of contents translated:
- Nikitin, I. P. - Model of compound molecular theory of chemical reactions. p. 417.
- Tomkin, A. I. A. - Possibility of experimental determination of the mechanism of reaction of hot atoms and molecules of hydrogen with C_2H_2 . p. 417.
- Khtopolankina, M. S., and others. - Mechanism of termination of kinetic oxidation chains by radicals of radical stabilizers. p. 394.
- Gutakov, G. V., Polak, I. S. - Kinetics of the thermal decomposition of methane. p. 399.
- Lishevskii, V. A. - Halogenation of simple oxides in the solid phase at low temperatures. p. 401.
- Zakharov, I. U. A., and others. - Chemical and physicochemical properties of solid oxides in the presence of admixtures. Part 4: Thermal decomposition of silver oxalate. p. 415.
- Samonov, G. V. - Catalytic properties of metal-organic compounds and the principles governing the production of high-melting materials with increased catalytic properties. p. 424.
- Solov'eva, Z. A. - Effect of admixtures on the temperature-dependent changes in zinc electrode potential. p. 433.
- Alexandrov, I. V., Kazanskii, V. B., Mikhailov, I. D. - Electron paramagnetic resonance study of the structure of active centers of chromate oxide catalysts for ethylene polymerization. p. 439.
- Sazonova, I. S., Koles, N. D. - Work function of the electron of titanium dioxide and its effect on the process of chemisorption and catalysis. p. 446.
- Lebedev, N. N., Smirnova, M. M. - Reaction of α -oxides. Part 7: Acid catalysts and metal catalysts in the reaction of ethylene oxide with amines. p. 457.
- Tolstolupova, A. A., Iul' Tsi-tsoan' [Iul' Tsi-tsoan'] Gorshkova, I. S. - Catalytic properties of cerium-dyminum oxide in the reaction of dehydrogenation and dehydration of alcohols and dehydrogenation of tetralin. p. 461.
- Tonchova, K. V., Rommova, I. V., Tsi-tsoan' V. I. - Kinetics of heterogeneous catalytic reactions studied by the elevation method. Part 2: Cumene cracking over aluminum alkoxide catalysts. p. 471.
- Kasatkina, L. A., Zuev, A. P. - Effect of the temperature of special treatment of manganese on the rate of oxygen isotope exchange. p. 475.
- Admonok, I. A., Igandovskii, V. D., Gikhar, I. A. - Adsorption of crypton on thermally treated platinum. p. 486.
- Pavlov, K. A., and others. - Effect of monatomic sulfur on the activity of sulfide catalysts. p. 493.

- Popova, N.I., Kabikova, B.V. - Vapor phase oxidation of cyclohexane on copper catalysts in the presence of heavy metal oxide admixtures. p. 199.
- Fedorov, V.M., Radzhabli, E.K., Roginskii, S.Z. - Dehydrogenation of isopropyl alcohol and formic acid on germanium. p. 504.
- Litvinenko, L.M., Popov, A.F., Tokarev, V.I. - Kinetics of reactions complicated by the effect of autocatalysis. p. 510.
- Lebedev, I.A.S. - Diffusion kinetics of biomolecular reactions in the solid phase. Reaction of immobile centers with mobile components from the heterophase. p. 522.
- Kupriyanov, S.F. - Mass spectra of dissociation of CH_3^+ , CH_2^+ ions and certain radicals. p. 532.
- Molin, F.B. - Principle of additivity of the energy of an activated complex of radical reactions. p. 534.
- Saraeva, V.V. - Mechanism of radiation-induced oxidation of organic compounds by molecular oxygen. p. 541.
- Mochalov, K.N., Khalin, V.S., Gilmanshin, G.G. - Kinetic study of intermediate steps of BH_3^+ ion hydrolysis. p. 541.
- Tiger, R.P., Lutelis, S.G. - Role of the medium in the mechanism of reaction of isocyanates with alcohols. Part 1. p. 544.
- Korobelnikov, O.P. - Kinetics of the reaction of hydrogen sulfide with reduced bauxite. p. 547.
- Boldyrev, V.V., Medvedevskii, A.A. - Nature of the rate limiting step in thermal and photochemical decomposition of ionic crystals. p. 550.
- Volkov, I.A. - Stationary composition of a working vanadium oxide catalyst. p. 553.
- Kozub, G.M., Rusiv, M.T., Vlasenko, V.M. - Effect of the state of catalysts in adsorption and catalysis. Part 3. Mechanism of hydrogenation of carbon dioxide on a nickel catalyst. p. 556.
- Sokol'skaya, A.M., Reshetnikov, S.M. - Hydrogenation of 3-sulfone. p. 559.
- Tunkelskii, N.N., Sperhatkova, G.E. - Effect of H_2^+ excitation on the cross-section of ionic-molecular reaction $\text{H}_2^+ + \text{H}_2 \rightarrow \text{H}_3^+ + \text{H}$. p. 563.
- Golubinskii, V.I., Fyodorov, V.G., Shumilov, V.P. - Effect of complex formation on reactions of phosphonium with inorganic ions. p. 564.
- ***FOLLOIDNYI ZHURNAL [COLLOID JOURNAL]**, Issued by Akademiya nauk SSSR (Academy of Sciences of the U.S.S.R.), Moscow, vol. 27, no. 5, Sep.-Oct. 1965, Table of contents translated:
- Amelin, A.G. - Rate of homogeneous condensation of vapor. p. 633.
- Bagrov, A.A. - Specific power required for ultimate structure breakdown in clay suspensions. p. 639.
- Darboi, V.M. - Stability of lyophobic sols and their coagulation by electrolytes. Part 8: Coagulation of lyophobic sols by electrolyte mixtures. p. 643.
- Bibik, E.F., Lavrov, I.S. - Stability of dispersions of ferromagnetics. p. 652.
- Bogacheva, E.K., Kiselev, A.V., Lit'kov, I.U.A. - Effect of the graphitizing of charcoal black on the adsorption of polystyrene. p. 656.
- Bukhtin, M.A. - Capillary equilibrium in real porous media. p. 661.
- Vinogradov, G.V., Belkin, I.M. - Rheology of polymers. Elastic strength and viscous properties of polystyrene in a molten state. p. 668.
- Derlagin, B.V., Gutop, I.U.V. - Disjoining pressure and equilibrium of free films. p. 674.
- Zemitskii, E.I.A. - Preventing the entrainment of a deposit by stream in centrifugation. p. 681.
- Zinon, A.D., Kiselev, N.G. - Some aspects of the kinetics of particle adhesion in liquid media. p. 685.
- Isirikhin, A.A., Kiselev, A.V., Ushakova, E.V. - Adsorption of water, methanol, hexane, and benzene vapors on pigment rutile modified by diethyldichlorosilane. p. 690.
- Kirgintsev, A.N., Sokolov, V.M. - Effect of the preliminary action of magnetic field on the crystallization of calcium sulfate from aqueous solutions containing iron sulfate. p. 697.
- Kirgintsev, A.N., Sokolov, V.M. - Effect of the preliminary action of magnetic field on the thermal decomposition of aqueous calcium bicarbonate solutions. p. 702.
- Kocheva, S.N., Ostrovskiy, G.A. - Application of electroosmosis for the inhibition of soils and grounds. p. 705.
- Kulernov, V.N., Krokhina, L.S., Dogadkin, B.A. - Cross-linking of solutions of polymers and their mixtures. p. 715.
- Kunt, F.M. - Statistical thermodynamics of surface phenomena. Part 2: Distribution functions in the surface layer of a liquid. p. 720.
- Melikhov, E.Z. - Conductance of a thermally ionized aerosol. p. 720.
- Nikol'skii, V.I. - Interaction between neutral aerosol particles in a homogeneous electric field. p. 731.
- Palkhov, N.A. - Electron microscopic study of the surface structure of latex films at various stages of their preparation. p. 735.
- Poshkue, D.P., Kazlauskas, R.M. - Adsorption on silica gel of methylene blue from aqueous solutions. p. 739.
- Prikhodchenko, N.A., Azelt'skaya, R.D., Ponomarev, I.F. - Effect of electrolytes on the coagulation of a colloidal solution of silicic acid. p. 745.
- Rusanov, A.I., Levichev, S.A. - Thermodynamic study of the surface layers of liquid solutions. Part 1. Composition of surface layers in binary systems. p. 749.
- Saifullin, R.S., Zaitseva, L.V. - Electrophoretic deposition of capron. p. 755.
- Stinkova, I.B., Budkevich, G.B., Nelmark, I.E. - Gels of organosilicon compounds. Part 3. Adsorptive and other properties of a hydrogen-silica adsorbent with a Si-H bond (polysiloxane hydride xerogel). p. 758.
- Tul'chinskii, M.N. - Preparation of chromium oxide hydrate hydrocol by the reduction of chromates by sugars. p. 765.
- Ust'skaya, A.A., Kilaev, G.A., Mokrushin, S.G. - Experimental study of laminar systems. Part 31. Kinetics and mechanism of the formation of cadmium sulfide films on the glass surface. p. 767.
- Ustinova, Z.M., and others. - Some particular features of the vulcanization of rubbers as latexes. Part 2. Part played by zinc oxide and by protective substances. p. 773.
- Chernoberezhskii, I.U.M., and others. - Study of the suspension effect. p. 780.
- Mainin, V.N., Vinogradov, G.V. - Different types of turbulence in highly elastic liquids. p. 784.
- Sutugin, A.G. - Preparation of reproducible monodisperse aerosols with mean particle radii from 30 to 300 Å. p. 785.
- Us'lanov, O.G., Lavrov, I.S., Efremov, I.I. - Compaction of sediments in a static electric field. p. 787.
- Ivan Nikolaevich Antipov-Karatsev. p. 790.
- ***MOSCOW UNIVERSITY Vestnik Seriya 2 Khimiya [UNIVERSITY Review Series 2 Chemistry]** Vol. 20, no. 4, July-Aug. 1965, Table of contents translated:
- Gel, E., Iarovoi, S.S., Tatevskii, V.M. - Dipole moments of compounds of the general formula AnB_{2n-2} . p. 3.
- Strel'nikova, Zh.V., Lebedev, V.P. - Effect of the vanishing of activity of platinum catalysts on silica gel for hydrogenation in diluted layers. p. 7.
- Shenlavskaya, L.A., Guvich, I.V., Mal'isev, A.A. - Electronic spectrum of the molecule LaF_3 . p. 10.
- Saraeva, V.V., K'ung Chen'-tzuin [K'ung Ch'en-chin]. - Effect of temperature and dose rate on the radiation oxidation of isooctane (3, 2, 4-trimethylpentane). p. 14.
- Anikin, A.G., Rumiantseva, M.N. - Purification of triphenylchlorostane by zone melting. p. 20.
- Amosov, V.M., Trunov, V.K., Kovba, L.M. - X-ray diffraction study of some lanthanide tungstates. p. 23.
- Berdonov, S.S., TSirel'nikov, V.I., Lapitskii, A.V. - Determination of the density and pressure of zirconium and hafnium tetrabromide vapors. p. 26.
- Luk'yanov, V.B., Simonov, E.F. - Complex investigation of the accuracy of the quantitative determination of nortecine with aldehyde. p. 30.
- Agranomov, A.E., Mishchenko, A.P. - Poisoning effect of benzene on an iron catalyst obtained by thermal decomposition of amalgams. p. 34.
- Zamyshlitsa, L.I., Slovokhotova, T.A., Balashin, A.A. - Activity of isomeric picolines, cresols, and xylenes in catalytic conversions with steam. p. 39.
- Rabovskaya, N.S., Kogan, L.M., Nikolaeva, A.A. - Radiolysis of some unsaturated carbon chlorides. p. 42.
- Grogoryev, A.T., and others. - Effect of molybdenum on transformations in the solid state in alloys of the V-Ta system. p. 44.
- Viting, L.M., Golubkova, G.P. - Interaction of ferrites with fused sodium meta and pyrovannadates. p. 50.
- Viting, L.M. - Preparation of ferrite single crystals by isothermal evaporation of the solvent. p. 54.
- Troshkina, V.A., Kuchurenko, E.A., Khomakov, K.G. - Effect of small amounts of a third component on the properties of FeAl. p. 57.
- Korzhukov, N.G., and others. - Fusibility diagram of the system $\text{MgCl}_2 - \text{MnCl}_2$. p. 59.
- Stolnitskaya, T.N., Khomchenko, G.P., Vovchenko, G.D. - Effect of arsenic and mercury on the course of catalytic and electrolytic reactions on ruthenium. p. 61.
- Grishina, G.M., Khomchenko, G.P., Vovchenko, G.D. - Catalytic reduction of some organic substances on rhodium. p. 65.
- Busov, A.I., Frolikov, V.A. - Extraction of pentavalent hexavalent molybdenum from hydrochloric acid solutions with oxygen-containing solvents. p. 69.
- Gibula, I.M., Alimarin, I.P., Davadorzh, P. - Extraction separation of niobium from zirconium, tungsten, uranium, and iron by ammonium pyrolidinedithiocarbamate. p. 73.
- Shishkova, L.G., Alimarin, I.P., TSintsevich, E.P. - Anion-exchange study of gallium behavior in hydrochloric alcohol solutions. p. 75.
- Kostin, N.V., Vargina, R.V. - Complexometric determination of scandium in the presence of magnesium. p. 78.
- Nifant'ev, E.F., Shchegolev, A.A. - Synthesis and alkylation of dipropyl phosphinites of 1,2,5,6-dicyclohexylideneglucose, 1,2-isopropylidene-5,6-dimethylglucose, and 3,4-isopropylidene- β -methylarabinoside. p. 80.
- Gal'bersham, M.A., and others. - Reactivity of 5-nitro-2-chloromethyluranyl and 5-nitro-2-chloromethylselenophonyl. p. 83.
- Talipova, L.A., Li, L.I. - Synthesis and properties of $\text{Hg-carboxyphenylalanine-2' 3'}$ -phosphate. p. 86.
- Shvachkin, I.U.P., Berestenko, M.K., Mishin, G.P. - Synthesis of β -(2,6-diisopropoxy-5-methyl-4-pyrimidinyl) alanine. p. 89.
- Shvachkin, I.U.P., Krestenko, M.K., Boltanskaya, L.I. - New pyrimidine analog of phenylalanine. p. 92.
- ***RADIOKHIMIYA [RADIOCHEMISTRY]**, Issued by Akademiya nauk SSSR (Academy of Sciences of the U.S.S.R.) Moscow, vol. 7, no. 5, 1965, Table of contents translated:
- Vdovenko, V.M., and others. - Extraction of U(IV) and U(VI) from hydrochloric solutions by means of tri-n-butyl phosphite. p. 503.
- Rozen, A.M., and others. - Extraction capacity of organic compounds depending on their structure and electromagnetism of substituting groups. p. 517.
- Kozlova, M.D., Leybi, V.I. - Extraction of carrier-free silicon from hydrochloric solutions by tributyl phosphite. Part 3. Effect of chloride-ion concentration. p. 534.
- Ulanov, V.S., Syrdova, R.A. - Dissociation, dimerization, and distribution of dimethylphosphoric, diethylphosphoric, and diisopropylphosphoric acids in the system n-octane - 0.1 M NaClO_4 - HClO_4 solution. p. 538.
- Vdovenko, V.M., Ryzanov, M.A. - Activity coefficients in multicomponent systems. Part 3. Calculation of the activity coefficients of uranyl nitrate in aqueous solutions of magnesium, calcium, strontium, and zinc nitrates. p. 545.
- Prasomova, V.I., Plutunova, N.B. - Complex formation of an uranyl ion with salicylic acid. Part 3. Study of the composition and regions of occurrence of precipitates formed in salicylate solutions of uranyl. p. 554.
- Lipovskii, A.A., Nikitina, S.A., Iakovleva, N.E. - Spectroscopic method of investigation of the solvation between UCl_4 and molecules of neutral organophosphorus compounds. p. 563.
- Chakibskii, A.A., Nikol'skii, B.P., Mikhailov, B.A. - Complex formation in nonaqueous solvents. Part 7. Acetic acid distribution between water and carbon tetrachloride. p. 572.
- Nikol'skii, B.P., Posvol'skii, M.V., Liubtsev, R.I. - Study of complex formation by means of dialysis. Part 2. Deriving an equation for the determination of the reaction equilibrium constant. p. 576.
- Kanevskii, E.A., Goncharov, I.V., Renguevich, V.B. - Kinetics of oxidation of U(IV) by atmospheric oxygen in carbonate solutions. p. 579.
- Kanevskii, E.A., Goncharov, I.V., Renguevich, V.B. - Catalytic action of copper ammoniate during oxidation of uranium dioxide by atmospheric oxygen. p. 585.
- Opalovskii, A.A., Vatsanov, S.S., Kuznetsova, Z.M. - Physicochemical investigation of solid phases of the system $\text{Ni}_2\text{F} - \text{UO}_2 - \text{H}_2\text{O}$. p. 589.
- Sheka, Z.A., Shilavskaya, E.I. - Kinetic method of studying dialkyl phosphate complexes of thorium and rare-earth elements. p. 599.
- Efimova, E.I., Nikolayev, D.S. - Radiochemical composition of iron-manganese concretions and manganese ores. p. 603.
- Nikolayev, D.S., Efimova, P.I. - Forms of occurrence of radioactive elements in iron-manganese concretions. p. 614.
- Nikol'skii, B.P., Posvol'skii, M.V., Liubtsev, R.I. - Complex formation studies by means of dialysis. Part 3. Determination of the first constant of hydrolysis of cadmium and zinc acetates. p. 623.
- Rostakov, V.S., Ezhova, M.P. - Method of electro-deposition of small amounts of uranium from solutions. p. 625.
- Nefedov, V.D., and others. - Isomeric effects during the β -decay of RaE in the o-, m-, p-isol derivatives of bismuth. p. 627.
- Nefedov, V.D., Vobelsky, M., Dorak, I. - Synthesis of p-xylyl derivatives of polonium as products of the β -decay of RaE in the analogous derivatives of bismuth. p. 628.
- Murin, A.N., and others. - Formation of fluorine-containing xenon compounds during the β -decay of ^{131}I in iodine pentafluoride. p. 629.
- Murin, A.N., and others. - Formation of oxygen compounds of xenon during the β -decay of ^{131}I in potassium periodate. p. 631.

REFERATIVNIYI ZhURNAL KHIMIYA [JOURNAL OF ABSTRACTS CHEMISTRY] Issued by Institut nauchnoy informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos 9, 13-14, 16-17, May, July, Sep. 1965. Predmetnyi ukazatel' za 1963 g. [Subject Index for 1963], vol. 1 A-I, publ. 1965.

*RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavedeni, Khimicheskaya tekhnologiya (Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Chemistry and Chemical Technology), Moscow, vol. 8, no. 3, 1965.

Table of contents translated.

- Chukhlantsev, V. G., Polezhnev, I. U. M. - Production of sodium zirconyl and sodium hafnium silicate crystals. p. 357.
- Plushchev, V. E., Varfolomeev, M. B. - Calcium perchlorate and its crystal hydrates. p. 361.
- Zubova, G. A., Prymova, L. A., Selivanova, N. M. - Thermal degradation of manganese selenate. p. 367.
- Strel'tsova, E. M., Petrashin, V. I. - Study of copper-pyridine complexes by the kinetic method. p. 373.
- Iatimirskii, K. B., Kalinina, V. E. - Mechanism of the catalysis by vanadium compounds of the oxidation reaction of iodide by bromate. p. 378.
- Iatimirskii, K. B., Kalinina, V. E. - Catalytic activity and stability of vanadium complex compounds with organic acids. p. 385.
- Reznik, B. E., Tsyganok, L. P. - Reduction reaction of phosphomolybdic acid by thiourea in the presence of copper ions. p. 392.
- Filenko, A. I. - Determination of chromium and vanadium in alloyed steels by the amperometric titration method with two indicator electrodes. p. 397.
- Gel'perin, N. I., and others. - Extraction of zirconium and hafnium from hydrochloric acid solutions by acetophenone. p. 402.
- Bogotavenskii, A. F., Belov, V. F., Koz'yev, E. M. - Study of the sorption properties of an anodic oxide film on aluminum by the tracer method. Part 5. Effect of temperature. Sorption as dependent on the concentration of solution filler at high temperatures. p. 407.
- Shatalov, A. I. A., Marshakov, I. K., Kaluzhina, S. A. - Thermodynamic corrosion of iron and steel. p. 411.
- Tutakov, E. N., Kuzin, I. A., Plachenov, T. G. - Effect of inorganic additions on carbon oxidation process. p. 416.
- Iur'ev, I. U. K., Gal'bershtam, M. A., Prokof'eva, A. F. - Kinetic study in the series of five-membered heterocyclic compounds of aromatic nature. Part 3. Kinetics of solvolysis of substituted in positions 2, chloro methylphenol in methyl alcohol. p. 421.
- Ritabol, V. I., Ginzburg, O. F. - Products of the condensation of aminobenzhydrols with compounds containing labile hydrogen atom. p. 426.
- Vykhozants, V. V., and others. - Methods of the determination of the mark position in six-membered rings. p. 432.
- Karavaev, M. M., Kirillov, I. P., Skvortsov, G. A. - Desorption of nitrogen oxides from nitric acid solutions of intermediate concentration. p. 435.
- Gubov, V. I. - Calculation of conditions of a carbonization column with a universal electronic computer. p. 440.
- Kukoz, F. I., Mikhailenko, G. V., Skatuzubov, M. F. - Possibilities of increasing electric capacity of the silver electrode of a battery. p. 448.
- Butt, I. U. M., Timashev, V. V., Kaushanskii, V. E. - Crystal line structure and hydration properties of tetracalcium silicate and allite. p. 453.
- Bochenkova, K. A., Borodidin, V. F. - Synthesis and study of active azo dyes with a chloroethyl-sulfamide group. p. 459.
- Sharkova, E. F., Vitrnik, A. D., Rogovin, Z. A. - Synthesis of cellulose ether containing a double bond, and its polymer analog conversions. p. 465.
- Gadzhilalov, A. A., Arkhipov, M. I. - Atyalkylation of phenol by styrene in the presence of orthophosphoric acid. p. 469.
- Chistilakov, A. N. - Composition and methods of studying coal-tar pitch. p. 476.
- Inogamov, A., Rizaev, N. U. - Ion exchange method for obtaining galanthamine from plant raw material. p. 485.
- Iuke'zon, I. I., Nekliudova, N. F., Terekhin, R. M. - Design of a batch-type reactor of varying volume. p. 488.
- Plit, I. G. - Coefficients of mass transfer in gas absorption processes by large diameter drops. p. 491.
- Dolgov, E. A., Shteinberg, A. M., Barskil, M. D. - Effectiveness of the classification process. p. 499.

- Kiselev, V. N., Demshin, V. A., Shirokov, S. G. - Production of granulated carbamide from the melt of the distillation column of the first stage in a fluidized bed. p. 501.
- Goncharenko, G. K., Prishchenko, I. L. - Kinetics of tannin extraction. p. 511.
- Bananiuk, G. I. - Use of glass pipette-capillary as a container for carrying out some chemical reactions. p. 516.
- Stepanova, G. M., Shmidt, F. V. - Acylated 4-aminopyridine derivatives as potential antiparasitic agents. p. 520.
- Babkin, M. P., Spitsin, A. K. - Determination of phenols in water by diazotized paraaminiline. p. 521.
- Kukolev, G. V., Kuznetchenko, A. N. - Raising the turnover of electricity supply in the manufacture of insulators. p. 522.

TEORETICHESKAYA I EKSPERIMENTAL'NAYA KHIMIYA [THEORETICAL AND EXPERIMENTAL CHEMISTRY]. Organ of Otdeleniye Nauchnykh i Tekhnicheskikh Akademii nauk SSSR [Department of Chemistry and Chemical Technology of the Academy of Sciences of the U.S.S.R.], Kiev, vol. 1, no. 4, 1965.

Table of contents translated.

- Velichkin, S. I. - Use of hyperviral correlations in evaluating energy displacement. p. 423.
- Nikulin, E. C. - Statistical theory of exothermic ion-molecular reactions. p. 428.
- Osherov, V. I. - Theory of chemical reactions in solids. Part 1. p. 436.
- Osherov, V. I. - Theory of chemical reactions in solids. Part 2. p. 445.
- Brodskii, A. I., Goidenko, L. L. - Effect of substituents on one-electron reduction of anthraquinone derivatives. p. 452.
- Dmitriyeva, V. N., Kononenko, L. V., Bezaglyt, V. D. - Effect of structure on half-wave potentials of aromatic aldehyde anils. p. 456.
- Morozov, V. P., and others. - Thermodynamic properties of deuterium and tritium-substituted nonlinear triatomic hydrides. p. 462.
- Nikol'skii, S. S. - Interpolation of the properties of solutions as functions of the composition. Part 1. Effect of the number of components and degree of equation on the number of experimental data required. p. 468.
- Falkov, I. U. A., Tarasenko, I. U. A. - Effect of viscosity on electrophoretic mobility in binary liquid systems. p. 473.
- Krestov, G. A. - Entropy changes during hydration of monoatomic ions. p. 479.
- Kubarcv, S. I., Mikhailov, I. D. - Computation of kinetic coefficients for certain organic semiconductors. Part 2. Computation of magnetoresistance and Hall constant. p. 488.
- Kubarcv, S. I., Shechedyn, M. I. - Use of diagram techniques for computing the electrophoretic mobility. p. 494.
- Korst, N. N., Nikitich-Kolchinskii, O. A. - Relaxation equations for the magnetic moment of a bound spin system. p. 505.
- Ligonik, B. I., Ruginov, A. V., Beilin, A. A. - Preparation and study of stable polyradicals of the semiquinone type. p. 511.
- Sharofan, E. G., and others. - Study of the molecular complexes of magnesium phthalocyanine and other phthalocyanines with iodine by the electron paramagnetic resonance method. p. 519.
- Gaif'nov, N. S., Koz'yev, B. M. - Study of certain organic complexes of tetravalent vanadium by the electron paramagnetic resonance method. p. 526.
- Tranchuk, I. F. - Electron paramagnetic resonance spectra of radicals formed in the photolysis of inorganic peroxide and peroxy hydrates. p. 531.
- Chukanov, A. V., Bazulin, P. A. - Study of the intermolecular interaction of pyridine with iodine by means of infrared absorption spectrography. p. 536.
- Lutsik, A. E., Romodanov, I. S., Ganiuk, L. N. - Hyperfine splitting on the hydroxyl group proton. p. 540.
- Shapel'ko, N. N. - Effect of solvents on chemical shifts of nuclear magnetic resonance of protons of the O-H group in compounds with a strong intermolecular hydrogen bond of the O-H...O type. p. 541.
- Miroshnichenko, I. V., Larin, G. M. - Study of bis-(benzene-azo-p-cresol) copper by the electron paramagnetic resonance method. p. 545.
- Burylov, B. P. - Method of determining activity in ternary systems based on the thermodynamic properties of binary solutions. p. 548.
- Karasev, V. S., Podchunok, K. S., Shishkina, N. A. - Apparatus for measuring the viscosity of liquids within a wide temperature range. p. 551.
- Ninth Mendeleev Congress on General and Applied Chemistry. p. 554.

*USPEKH KHIMI [PROGRESS IN CHEMISTRY], Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 34, no. 9, Sep. 1965. Table of contents translated.

Povarov, L. S. - Reactions of acetals with unsaturated ethers. p. 1489.

- Savoyev, B. V., Rafikov, S. R., Kapulnikov, P. - Oxidative ammonolysis of organic compounds. p. 1526.
- Likhoshershteyn, A. M., Kochikov, N. K. - Acetone in the chemistry of pyrolysis. p. 1531.
- Chelobutava, I. A., Kondrat'eva, L. V. - Infrared spectra of acetylene and acetylene compounds with acid and ammonia. p. 1563.
- Ilatov, P. B. - Mechanism underlying the chain reaction of a hot reaction. p. 1607.
- Volfson, V. I. A., Gantur, L. N. - Use of electron paramagnetic resonance for studying catalysis. p. 1640.

*VYSOKOMOLEKULARNIYI SOEDINENIYA [HIGH MOLECULAR COMPOUNDS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 7, no. 4, Sep. 1965.

Table of contents translated.

- Paushkin, I. A. M., Markov, I. U. A. - Properties of polyvinylbenzyls by the reaction of dibenzoyl benzene with calcium cathode. p. 1301.
- Matkovskii, P. I., Zavorotkin, N. D., Chibrikov, N. M. - Kinetics of nonsteady state of polymerization of β -olefins. p. 1461.
- Chikishev, I. G., Tsetlin, B. L., Rafikov, S. R. - Mechanism of the radiation polymerization of diphenylvinylphosphine oxide. p. 1481.
- Kargin, V. A., Selikova, V. I., Markov, I. U. A. - Stretching and contraction processes of polymer films having spirocyclic structures. p. 1515.
- Kozovskaya, N. N., Shewkov, A. P., Akhmedov, A. B. - Copolymerization of methyl acrylate with styrene and acrylonitrile in triethylamine solution. p. 1590.
- Kavyskiy, V. G., and others. - Study of the effect of filled mixers and the adhesion of elastomer to filler as the function of the duration of the preparation of elastomer-filler contact. p. 1593.
- Agarditskaya, S. M., and others. - Effect of the copolymerization on the slipping resistance of filled rubber stocks and on elastomer to filler adhesion. p. 1595.
- Gur'lanova, V. V., and others. - Possibilities of initiating the chain reaction of polymerization by hydroxyl radicals. p. 1596.
- Platé, N. A., and others. - Structural transformations in gels-porches when the chemical structure of the chain is disturbed. p. 1596.
- Tran Khau and others. - Effect of the chemical structure of trans-1,4-polyisoprene on its properties. Irregularity of trans-1,4-polyisoprene and its structural and mechanical properties. p. 1597.
- Gulina, A. A., Vaynshteyn, R. M., Rogovin, Z. A. - Synthesis of graft copolymers of cellulose and polyvinylalcohol in the presence of the oxidizing reduction system ceric-cerous. p. 1597.
2. Effect of the initiation conditions on the polymerization coefficients of polyacrylonitrile and the degree of conversion of cellulose. p. 1597.
- Lobkov, V. D., Kabanikh, A. L., Rogovin, Z. A. - Certain reaction of polydimethylsiloxane with isobutylene induced by hydrochloric acid. p. 1597.
- Pulovik, A. N., Kuznetsov, R. G. - Polymerization and copolymerization of α -vinyl phosphonates and vinyl phosphonates. p. 1599.
- Korshak, V. V., Vysotskaya, S. V., Antipova, I. P. - Colored polyacrylonitrile and some dihydroxyanthraquinones. p. 1599.
- Shecherkina, I. F., Tret'yakov, I. P. - Radiation polymerization of allylamine with acrylonitrile and methacrylic acid. p. 1599.
- Zakharov, S. K., and others. - Softening, electrostatic resistance, and structure of copolymers of methyl methacrylate and styrene with ammonium salts. p. 1599.
- Iakubchik, A. I., Tikhonov, B. I., Mikhailov, L. N. - Chemical homogeneity of the polymers catalytic hydrogenation products of α -olefin polybutadiene. p. 1599.
- Baranov, V. G., Volkov, T. I., Franko, P. I. - Interpretation of the scattering of light by concentrated solutions of polymer films. p. 1599.
- Korotkova, A. I. A., Rogovin, Z. A. - Synthesis of graft copolymers of cellulose and polyvinyl alcohol. p. 1599.
- Krakovskiy, M. G., Lomon, S. I., Skatikh, S. I. - Esters of polyvinylene glycol and aromatic acids. p. 1599.
- Nemitsynskii, V. D., and others. - Synthesis of poly- β -hydroxyvinyl-N-alkyl and poly- β -hydroxyvinyl-N,N-dialkyl carbamides. p. 1599.
- Andrianov, K. A., Lavyskiy, I. A. - Structure and properties of linear and branched polyacrylonitrile dimethylsiloxanes. p. 1599.
- Kuznetsov, G. A., and others. - Nature of transition in polymethylene isopropylamide. p. 1599.
- Papova, A. I., Shostakov, A. P., Akhmedov, A. B. - Radiation polymerization of butadiene in various solvents. p. 1599.
- Korneev, N. N., Shindlerman, G. S., Rudakov, L. I. - Synthesis and catalytic activity of polymers. p. 1604.
- Rafikov, S. R., Chelobutava, G. N., Antipova, I. P. - Oxidative chlorophosphination of polyvinyl alcohol. p. 1609.

- Rode, V. V., and others. - High temperature degradation of poly(4-vinylphenoxy)fluorine terephthalate p. 1611
- Golova, O. P., and others. - Mechanism of cellulose oxidation by atmospheric oxygen in alkaline medium. New data on relation between the physical structure of cellulose and regularities of its degradation in the course of oxidation by atmospheric oxygen in alkaline medium p. 1619
- TSybul'sko, A. I., Lipatova, T. P., Lipatov, I. U. S. - Copolymerization of unsaturated novolac resin ester with styrene p. 1626
- Korshak, V. V., and others. - Synthesis of polyarylates based on 2,2-di-(4-hydroxy-3-methylphenyl)propane p. 1633
- Bel'kova, A. P., and others. - Photosensitivity of polyvinyl cinnamate and its nitro derivatives p. 1637
- Shukhova, M. N., Iakubchik, A. I. - Ozonization of polymers: Schiff bases from benzyl and p-phenylenediamine p. 1611
- Gorbachev, I. U. G., and others. - Kinetics of hydrochlorination of natural and synthetic isoprene rubbers p. 1645
- Solodova, N. L., Kozlov, L. M., Butmistov, V. I. - Kinetics of the reaction between dithiocyanates and nitro-substituted polyols p. 1650
- Kalfus, M., and others. - Molecular weight distribution and physicochemical properties of butadiene-styrene rubbers p. 1655
- Serafin Nikolayevich Zharov, on his sixtieth birthday p. 1660
- *ZHURNAL ANALITICHESKOI KHIMII [JOURNAL OF ANALYTICAL CHEMISTRY]. Issued by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 20, no. 8, 1965
- Table of contents translated
- Kirbailov, I. U. A., Stomberg, A. G. - Increase in the sensitivity of the method of amalgam polarography with storage by the enlargement of the surface area of amalgamous mercury amalgam at higher temperature in nonaqueous solutions p. 769
- Troshinskaya, E. B., Nefedova, G. Z. - Insoluble polyelectrolytes p. 775
- Spirin, E. K. - Use of ultrasound for increasing the sensitivity of the method of amalgam polarography with storage p. 781
- Petrakovich, V. E., Podurovskaya, O. M., Tui'an, I. A. I. - Comparison of platinum oxide and glass indicator electrodes in acid-base titration. Effect of nonaqueous solvents, the nature of the titrant, and various additions p. 785
- Lotareva, V. I. - Rapid method for the determination of silver by anodic amperometric titration with sodium diethyldithiocarbamate in an ammonia medium p. 790
- Perezhogin, G. A., Allmarin, I. P. - Neutron-activation determination of gold in rocks and meteorites p. 793
- Moleeva, L. I., Mashentsova, E. K., Kuznetsova, N. M. - Use of 3-acetyl-2-hexanone for the determination of beryllium in mineral raw materials and in products of their treatment p. 799
- Onosova, S. P., Kutschevich, G. K. - Spectrophotometric study of the reaction of scandium ions with pyrocatechol violet p. 802
- Chudinov, E. G. - Study of certain organic reagents for pentavalent neptunium p. 805
- Iusev, A. I., and others. - Photometric determination of antimony impurity in tellurium p. 812
- Latismirskii, K. B., Filippov, A. P. - Kinetic method for determining microquantities of molybdenum p. 815
- Bakos, L., Antas, L. - Direct determination of uranium in organic solvents p. 820
- Plitca, T. I. - Gravimetric determination of nickel p. 824
- Novak, V. P., Raznik, B. E., Mal'nev, V. F. - Amperometric titration of fluorine ions with zirconium salts p. 827
- Godnova, M. M., Vodnankova, R. D. - Determination for microimpurities in cesium, potassium, and sodium hydroxides p. 831
- Kuznetsova, L. V., Soliarova, E. N., Dobychin, S. L. - Rapid gas chromatographic method for determining oxygen in organic compounds p. 836
- Kreshkov, A. P., Bykova, L. N., Kirilova, O. P. - High-frequency titration of dicarboxylic acids in a dimethylformamide medium p. 840
- Kost, A. N., and others. - Fluorescent method for the separate determination of organoalkaloids and tryptophan p. 845
- Vit, S. V., and others. - Separation of isomeric alkyl benzenes by gas chromatography p. 850
- Chumakov, I. U. I., Filippovich, M. N. - Separation of quinine and isoquinoline mixtures by chromatography p. 856
- Vetchinkina, V. N., Obukhova, L. K. - Quantitative determination 2,6-di-tert-butyl-4-methylphenol (ionol) p. 860
- Domkin, A. M., Gokhshtein, I. A. P. - Use of an apparatus with the automatic reproduction and removal of stationary mercury microelectrodes for the determination of ultrasmall amounts of substances p. 864
- Bagirov, V. V., Zolotov, I. U. A. - Extraction of chelate compounds in the presence of salts. Report 3: Cobalt (II) and uranium (VI) acetylacetonates p. 867
- Alykov, N. M., Chelkesov, A. I. - Photometric determination of scandium with silibromochrom p. 870
- Shil'chenko, V. G., Dmitrieva, F. I. - Titrimetric determination of metallic aluminum in ruby p. 871
- Mandel'taum, I. A., Gropov, A. F., Itskova, A. L. - Determination of phosphorus in organic compounds by photometry p. 873
- Buzlanova, M. M., Stepanovskaya, V. F. - Thin-layer chromatography of oximes p. 874
- Kuraev, B. E., Imianikov, N. S. - Analysis of dicarboxylic acids by paper chromatography p. 876
- Mukhacheva, T. M., Kornilova, L. I. - Chromatographic separation of carbazole from anthracene and phenanthrene during the analysis of coal-tar products p. 879
- Lobanov, V. I. - Detection of 5-(1-methylbutyl)-5-ethylthiobarbituric acid and its sodium salt p. 881
- Ivanov, V. M. - Scientific reports at the International Conference on Analytical Chemistry in Leningrad-Moscow (GDR) p. 883
- Sadakov, F. P. - "New methods for the determination of phosphorus" by A. A. Fedorov p. 884
- New books p. 884
- Nikitina, N. G. - Moscow Seminar on Analytical Chemistry p. 885
- *ZHURNAL FIZICHESKOI KHIMII [JOURNAL OF PHYSICAL CHEMISTRY]. Published by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 39, no. 9, Sep. 1965
- Table of contents translated
- Evdokimov, V. B. - "Spreading out" of Curie points p. 2055
- Potienko, A. I. - Relation between the nature of hydrogen overvoltage and the metal position in the D. I. Mendeleev periodic system of elements p. 2097
- Popovska, M. A. - Primary and secondary internal stresses in zinc and cadmium deposits p. 2103
- Iarym-Aguet, N. L. - Thermodynamic properties of fused salt mixtures. Part 5. Conditionally ideal systems p. 2109
- Demchenko, V. V. - Parachor p. 2114
- Sveichinskii, B. S., and others. - Determining the coefficients of relative volatility of component pairs in a multicomponent mixture p. 2117
- Lutsikii, A. E., Antropova, L. A. - Certain regularities in the electronic vibration spectra of substituted aromatic hydrocarbons. Part 2 p. 2120
- Egorov, A. M., Smirnova, M. N. - Study of the mean heat capacities of zinc and nickel orthosulfates at high temperatures p. 2131
- Kosimovskii, G. A. - Photoreduction of silver ions on zinc oxide p. 2136
- Smolenskii, F. A., Seifer, A. L., Gal'chenko, G. L. - Approximate method of calculating the physicochemical properties of compounds of the $A(R_1 R_2)$ type p. 2142
- Verbe, A. J., Golderikh, V. A., Gerashinov, I. A. I. - Study of the thermodynamic properties of binary alloys by the electromotive force method. Part 10 p. 2145
- Sidorov, L. N., and others. - Mass spectrometric study of the thermodynamic properties of the NaF-ZrF₄ system. Part 3 p. 2150
- Dogadkin, B. A., Novikov, S. V., Tutorskii, I. A. - Certain characteristics of the mechanism of chemical reactions of diene polymers p. 2157
- Shidlovskii, A. A. - Thermodynamic evaluation of capacity of inorganic salts of ammonium and hydrazine to combustion and explosion p. 2163
- Lazarev, G. A., Dvindenko, I. A., Zaretskii, M. V. - Kinetics of the formation of double ammoniates p. 2169
- Kostiukov, N. S., Antonova, N. P., Dmitriev, V. I. - Seebeck effect in electrical porcelain p. 2175
- Nikitina, V. I. - Behavior of the neutral particle of aerosol near the interface of two media in a homogeneous electric field p. 2178
- Infia, Z. A. Ngok-Da Kho, Vasil'eva, M. K. - Effect of the sulfur-containing compounds on iron corrosion in acid solutions p. 2182
- Stavitskii, G. L., Gel'm, I. F. - Ion exchange of weak organic electrolytes p. 2186
- Kapshat', V. N., Sverdlov, L. M. - Calculation and interpretation of the vibration spectra of diborane compounds. Part 2 p. 2193
- Dzhabarov, F. Z., Gorbachev, S. V. - Oxidation kinetics of citric acid by pentavalent vanadium compounds p. 2198
- Sokolik, A. S., Senenov, E. S. - Study of the macrokinetic characteristics of propane turbulent flames based on ionization current p. 2202
- Englin, B. A., Freidlina, R. Kh. - Kinetics of ethylene telomerization by carbon tetrachloride p. 2208
- Orlov, V. P., Shirokov, M. I. A. - Adsorption of non-polar molecules on germanium and silicon p. 2215
- Susarev, M. P., Maizichov, A. N. - Differential equation for curves of the constancy of distribution $(x_2^0/x_1^0) = \text{const.}$ of the component of a ternary system between the coexistent solution and ideal vapor. Part 2 p. 2219
- Laktionov, O. G., Tom'kov, L. G., Chmutov, K. V. - Calculating the free adsorption of mixture components from nonelectrolyte solutions p. 2226
- Semenovskii, S. A. - Correlation between the widths of forbidden zones of chemical and structural analogs p. 2232
- Sukhotina, G. G., Shakhmatov, M. I. - Hyperacoustic properties of solutions benzene-toluene, benzene-pyrene, and pyridine-pyrene p. 2237
- Semikhin, I. A., Andreev, I. U. P., Panchenkov, G. M. - Oxidation of carbon monoxide in a silent electric discharge p. 2246
- Antonov, A. S., Osipenko, B. P., Iukseleva, L. G. - Mechanism of the manifestation of junctions in silicon p-n detectors by electrochemical deposition of copper p. 2252
- Tolmachev, A. M., Fedorov, V. A. - Study of ion exchange properties of X-type zeolites p. 2259
- Burakov, M. R., Rempel', S. I. - Low-frequency titration. Changes in the boundary impedance in the course of titration p. 2265
- Kholopov, L. P. - Theory of electrolysis on a laminated electrode in the case of mixed kinetics p. 2270
- Akhmanova, M. V., Mikhailenko, I. E. - Infrared spectroscopy method for studying radioactive potassium sulfate p. 2273
- Zhdanovskii, A. B., Ivanova, F. I. - Kinematic fluidity, a function of additive nature p. 2275
- Shatalov, A. I. A., Marshakov, I. K., Kaluzhina, S. A. - Effect of temperature on the effectiveness of thermodynamic couples p. 2278
- Bass, S. I., Berlin, A. A. - Mechanism of the inhibition of oxidizing processes by compounds with a conjugated system p. 2281
- Ruzhkov, L. P., Dubinin, G. N. - Use of the comparative calculation method for determining the activation energy and diffusion coefficients of elements in the solid state p. 2284
- Vasil'ov, S. S., Nemkova, O. G., Element, N. I. - Active form of a manganese catalyst in the ozone-catalytic method of sulfur dioxide oxidation in acid solutions p. 2286
- Ukshie, E. A., Davlatkh, V. N. - Dissolution of hydrogen chloride in fused salts p. 2288
- Chibrikov, A. K., Karakina, A. V., Zubilina, M. E. - Photooxidation of chlorophyll in pulsed illumination p. 2291
- Kiriluk, S. S., Fedin, I. M. - Physicochemical study of the interaction of p-anisyl isothiocyanate with allyl and benzylamines p. 2293
- Alanas'ev, I. U. A., Rabinovich, A. I., Koroleva, L. I. - Thermodynamics of cerium (IV) nitrates p. 2296
- Karennikov, G. S., Kudryatsev, N. T., Golovchanskaya, R. G. - Study of alkaline solutions of sodium metasilicate in the presence of glycerol p. 2298
- Kudryatsev, B. B., Chmiltovskii, D. B. - Propagation of ultrasonic waves in nonaqueous solutions of electrolytes p. 2300
- Protsenko, P. I., Medvedev, B. S. - Some properties of saturated solutions in the system $RbNO_2 - Ca(NO_3)_2 - H_2O$ at 25°C p. 2304
- Rolke, I. L., and others. - Study of silicon oxidation in air by optical polarization and photographic methods p. 2306
- Safonov, M. S. - Solving the problem of ion-exchange dynamics in the case of the filtration of a solution containing two cations through a cation exchanger of a mixed form p. 2308
- Piotnikov, V. G., and others. - Theoretical study of the spectral behavior of systems with a quasi-aromatic cycle p. 2311
- Mikhailov, V. A., Narin, A. G. - Salting of tributyl phosphate into aqueous solutions of uranyl nitrate p. 2312
- Tel'mov, V. I., Rabinovich, I. B. - heats of formation of tetraphenyl compounds of basic group IV of the periodic table and element-carbon bond energy p. 2314
- Lobanov, G. A., Vasil'ev, V. P. - Lowering the measurement limits of automatic electronic potentiometers p. 2317
- Galka, O. S., and others. - Microcalorimeter for studying the kinetics of chemical reactions p. 2319
- Fadeev, G. N. - Method of differential spectro-photometry in a flow p. 2322
- Skrupov, V. P. - Thermodynamics of the spinode p. 2325
- Panesh, A. M., Miasnikov, I. A. - Study of adsorbed molecules by the electronic impact method p. 2328
- Aleksandr Ivanovich Shlygin, on his sixtieth birthday p. 2329
- Sei'gei Mikhailovich Kochergin p. 2330
- *ZHURNAL NEORGANICHESKOI KHIMII [JOURNAL OF INORGANIC CHEMISTRY]. Issued by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 10, no. 9, Sep. 1965
- Table of contents translated
- Ionov, S. P., Poval-Koshits, M. A. - Molecular orbits of a sulfite ion p. 1361
- Kiritskii, V. A. - Polymorphic modifications of lead dioxide p. 1366
- Gorbunov, A. I., and others. - Solubility of diborane in diethylene glycol dimethyl ether p. 1371

- Volshtein, L.M., Krylov, L.F., Mogilevskiy, M.F. - Reaction of methionine with Reisch's second base chloride. p.1976.
- Ablov, A.V., Syrtsov, G.P. - Cobalt (III) compounds with dimethylglyoxime and a cyanide ion. p.1980.
- Ablov, A.V., Semina, V.G. - Thermal decomposition of bromides and iodides of mixed platinum (III) cis-tetramines. p.1987.
- Breusov, O.N., Reznits, T.V., Drua, N.A. - Synthesis and some properties of lithium telluride. p.1990.
- Grizik, A.A., Plushchev, V.E. - Rubidium tizh - conite. p.1993.
- Smirnov, M.V., Komarov, V.E., Chukreev, N.A. - Fluoride complexes of beryllium in a chloride - fluoride melt. p.2001.
- Fedorov, I.A., Bratskaya, T.A. - Ovalatosulfate compounds of scandium. p.2006.
- Kumok, V.M., Seibelman, V.V. - Stability of complex rare-earth compounds. p.2011.
- Kumok, V.N., Seibelman, V.V. - Stability of complex compounds of cations of calcium and scandium subgroups. p.2019.
- Ternovskiy, T.V., Kostomarov, N.A. - Splitting of bands in the absorption spectra of neodymium and europium in the ligand field during complex formation. p.2023.
- Sakharova, N.N., Avdeev, V.P. - Double chlorides of lanthanum, cerium, praseodymium, and neodymium with dimethylamine chloride. p.2030.
- Ionova, G.V., Dlatkova, M.E. - Molecular orbitals of MnO_3F . p.2036.
- Portnoi, K.I., Timofeeva, N.I., Fadeeva, V.I. - Reaction of rare-earth oxides with chromium. p.2041.
- Kul'ba, F.I.A., Iakovlev, I.U.B., Mironov, V.E. - Potentiometric study of thallium sulfate complexes. p.2044.
- Kul'ba, F.I.A., and others. - Thermodynamics of the formation of univalent thallium associates. p.2053.
- Seifert, G.B., Nifolova, S.I.U. - Formation of molybdenum ferrocyanides. p.2057.
- Shakhova, Z.F., Dorokhova, E.N. - Formation of phosphomolybdic and germanomolybdic heteropoly acids. p.2060.
- Latimirskaia, K.B., Zakharova, L.A. - Spectrophotometric study of vanadium thio salts in solution. p.2065.
- Latimirskaia, K.B., Tikhonova, L.P. - Cadmium ion catalysis of the alkaline hydrolysis of cysteine ethyl ester. p.2070.
- Babko, A.K., Litvinenko, V.A. - Nature of the catalytic action of titanium (IV) in the reaction of hydrogen peroxide with sodium thiosulfate. p.2075.
- Polapova, T.V., and others. - Effect of a carbonyl ring on the properties of some C-derivatives of the carbonyl (2,10) series. p.2080.
- Shvarts, E.M., Tomilova, M.E., Ievin'sh, A.F. - Borotrihydroxy glutarates of elements of group II of the periodic table. p.2084.
- Shehigol', M.B., Burehinskaya, N.B. - Borotrihydroxy acids. p.2088.
- Shehigol', M.B. - Cooper borates, ovalates, and silylates. p.2097.
- Mikheeva, V.I., Konoplev, N.V. - Reaction of sodium borohydride with anhydrous magnesium chloride in N, N-dimethylformamide. p.2108.
- Fedneva, E.M., Kriukova, I.V. - Thermal stability of B-trichloroborazole. p.2115.
- Korshunov, B.G., Drobiz, D.V., Dushina, L.V. - Interaction of lanthanum chloride with samarium (III) and yttrium chlorides. p.2120.
- Protsenko, P.I., Gabrilova, L.L. - System consisting of cesium-thallium nitrites and nitrates. p.2124.
- Bukhalova, G.A., Babaeva, E.P., Khilina, T.M. - System of sodium, potassium, and lanthanum fluorides. p.2127.
- Bukhalova, G.A., Agub'yan, E.S. - Density and molar volumes of melts in the ternary system of sodium, potassium, and barium chlorides. p.2132.
- Vinnik, M.A. - Phase relations in the system $BaO - CoO - Fe_2O_3$. p.2137.
- Zimina, T.B., Bergman, A.G., Nagorniy, G.I. - Reciprocal system consisting of chlorides and sulfates of sodium, calcium, and barium. p.2145.
- Shternina, E.B., Rykova, G.A. - Minimum on solubility isotherms. p.2152.
- Goroshchenko, I.A.G., Spasibenko, T.P. - System $HfO_2 - HCl - H_2O$. p.2158.
- Turnetskaya, A.F., Lepeshkov, I.N. - Solubility in the system $KCl - KClO_3 - H_2O$ at 25 and 50°C. p.2163.
- Shevchuk, V.G. - System $Li_2SO_4 - Cs_2SO_4 - H_2O$ at 35°C. p.2167.
- Stashevich, D.S., Poliakova, N.A. - System $H_3BO_3 + 3CH_3OH \rightleftharpoons B(OCH_3)_3 + 3H_2O$. p.2170.
- Gunner, E.A., Mel'nikenko, L.M. - Refractometry of precipitation reactions in the systems A - B - D - H_2O . p.2175.
- Samodelov, A.P. - Extraction of scandium nitrate by tributyl phosphate. p.2180.
- Baram, I.I. - Study of the mechanism of extraction by measuring the viscosity of the isomolar series. p.2184.
- Kirgintsev, A.N., Avvakumov, E.G. - Capture of impurities in oriented and volume crystallization. p.2187.
- Kreitsis, R.P., and others. - Phase conversion of $MgSiO_3$. p.2192.
- Volkov, V.M. - Simplest quantum chemistry concept of a donor-acceptor bond. p.2193.
- Doroshenko, G.V., Babaeva, A.V. - Reactions of phosphonitric chloride and its derivatives with platinum complexes. p.2194.
- Golovina, V.A., Molodkin, A.K., Tverdokhlebov, V.N. - Synthesis of thorium tri and "tetra" sulfates. p.2196.
- Pavlova, V.N., Priakhina, L.I., Podylna, M.G. - Graphing of a phase diagram of the quaternary system in a projection with numerical markings. p.2198.
- Kolesov, I.V. - Solubility and thermodynamic constants of some sparingly soluble aluminum compounds. p.2200.
- Pestikov, S.V., Moiseev, I.I., Romanova, T.N. - Effect of temperature on equilibrium of the formation of π -complex of palladium chloride with ethylene, propylene, and 1-butylene in water. p.2203.

*ZHURNAL OBSHCHEI KHIMII [JOURNAL OF GENERAL CHEMISTRY] Issued by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 35, no. 9, Sep 1965

Table of contents translated:

- Bachus, P.F. - Chemistry of the Baltic States; on the 25th Anniversary of the re-establishment of Soviet Power in Lithuania, Latvia, and Estonia. p.1597
- Shemolova, N.N., Sorokin, I.P., Orlava, G.M. - Kinetics of dissolution of germanium single crystals in hydrochloric solutions of ferric chloride. p.1512
- Semenov, G.A., Ovchinnikov, K.V. - Vapor composition over titanium oxides. p.1517.
- Il'iasov, I.I., Palchikov, A.G., Bergman, A.G. - Interaction in the ternary system cinnamic acid - β -naphthol - hydroquinone. p.1521.
- Fialkov, I.U.A., Chivruk, O.V., Kudra, O.K. - Physicochemical analysis of binary liquid systems formed by amines. Part 1: Systems diphenylamine - amines. p.1523.
- Glikman, T.S., Kalibachuk, V.A., Somovskaya, V.A. - Effect of the admixtures of iron salts on the processes of photolysis and radiolysis of hydroxy acids. p.1530
- Lavrushin, V.F., and others. - Interaction of α,β -unsaturated ketones with trichloroacetic acid. p.1531.
- Polapov, V.M., Dem'yanovich, V.M., Terent'ev, A.P. - Stereochemical studies. Part 10: Determination of amine configuration by the rotatory dispersion method. p.1538
- Tionov, A.B. - Interaction of nitrocompounds with some iodides. p.1545.
- Dusev, A.I., Zaitsev, B.E., Akimov, V.K. - Structure of antipyrine compounds and its derivatives with acid complexes of metals. p.1548
- Kholodov, L.E., Iashchinskii, V.G. - Syntheses and syndone imines. Part 27: Kinetics and mechanism of thermal and hydrolytic splitting of sydnone imine chlorides. p.1551
- Iagupol'skii, L.M., Malchenko, B.F. - 1,2-Diphenyl-1,1,2,2-tetrafluoroethane derivatives. Part 3: Effect of 4,4'-substituents of α,β -difluoro-silbene on the addition of fluorine. p.1561.
- Protsenko, L.D., Negievich, L.A. - Iodine containing acyldimethylene triamides of phosphoric acid. p.1564
- Bogolubov, G.M., Mingaleva, K.S., Petrov, A.A. - Dipole moments of certain acetylenic derivatives of phosphorus. p.1566.
- Gladstein, B.M., and others. - Reaction mechanism of direct haloalkylation of elementary phosphorus. p.1570.
- Kabachnik, M.I., Mastukova, T.A., Shipov, A.L. - Method for obtaining the oxides of unsymmetrical tertiary phosphines. p.1574
- Mashlakovskii, L.N., Ionin, B.I. - Unsaturated phosphinic acids and their derivatives. Part 1: Synthesis of phosphinic acid chlorides with diene and acetylene radicals. p.1577.
- Evdakov, V.P., Alipova, E.I. - Amides and anhydrides of phosphorus acids. Part 7: Synthesis and some conversions of phosphinic acids anhydrides. p.1584.
- Evdakov, V.P., Shlenkova, E.K. - Amides and anhydrides of phosphorus acids. Part 8: Reaction of amides of phosphorous acid with carboxylic acid anhydrides. p.1587.
- Pudovik, A.V., Kononova, I.V. - Reactions of full esters of trivalent phosphorus acids with esters of pyruvic acid. p.1591.
- Razumov, A.I., Moskva, V.V. - Studies in the series of phosphinic and phosphinous acid derivatives. Part 32: Reaction of orthoformic esters with half esters of phosphorous and phosphinous acids. p.1595.
- Shevchenko, V.I., Kornuta, P.P., Kirsanov, A.V. - Phosphorylation of γ -cyanocarboxylic acids. p.1598.
- Petrov, K.A., Pashina, V.A., Manuilov, A.F. - Preparation of tetraalkyl(aryl)alkylphosphine oxides based on methylphosphines. p.1602.
- Ivanova, Zh.M., Lavchenko, I.B., Kirsanov, A.V. - Alkyl and arylphosphazophosphazone sulfonates. p.1607
- Iagupol'skii, L.M., Troitskaya, V.I. - 1,2-Diphenyl-1,1,2,2-tetrafluoroethane derivatives. Part 4: Amino derivatives of 1,2-diphenyl-1,1,2,2-tetrafluoroethane. p.1612
- Zarubinskii, G.M. - Fluoroderivatives of polyhydric alcohols. Part 1: Ketals of glycerol and α -chloroalcohol with trifluoroacetone. p.1620.
- Sorokina, R.S., Panov, E.M., Kocheshkov, K.A. - Synthesis of styrenes with fluorine in the vinyl group and organometallic substituents in the ring. p.1625.
- Onda, V.V., and others. - Transamination of the induction effect of substituents SO_2CH_3 , SO_2CF_3 , and $SO_2C_2F_5$ through a methylene group. p.1629
- Kuznetsova, V.P., and others. - Synthesis and study of functional organosilicon compounds with a hydrogen-carbon bridge between silicon atoms. Part 2: Certain properties of acetylenic hydrocarbons with ethylene and phenylene bridges between silicon atoms. p.1630
- Gaur, D.P., Iagupol'skii, L.M. - 2-(β , β , β -trifluoromethyl) benzothiazole, 2-(α , β , β , β -tetrafluoromethyl) benzothiazole and their reactions. p.1640
- Iagupol'skii, L.M., and others. - Cyanine dyes containing fluorine. Part 12: Cyanine dyes of the 5-(4-fluoromethyl)mercapto-2-methylbenzothiazole derivatives. p.1641
- Shostakovskii, M.F., Shergina, N.I., Komarov, N.V. - Infrared spectra of some dicyclopentadiene compounds. p.1650
- Shklychev, I.A., Aliev, M.I., Umarov, D.G. - Studies in the synthesis and transformations of oxygen-containing organic and organosilicon compounds. Part 22: Synthesis of organic and organosilicon chloroacetals and half esters of chloral hydrate of the acetylene series. p.1654
- Budyshchev, I.I., Komikova, L.V. - Nature of the "new boronol." p.1657.
- Fokla, A.V., and others. - Reactivity of nitroperfluoroalkyl nitrites and products of their transformation. Part 1: Reaction of nitroperfluoroalkyl nitrites with hydrogen sulfide. p.1662.
- Fokla, A.V., and others. - Reactivity of nitroperfluoroalkyl nitrites and products of their transformation. Part 2: Reaction of nitroperfluoroalkyl nitrites with mercaptans. p.1664
- Nikitin, V.B. - Synthesis of 1,4-bis(hydroxymethyl) benzene and its conversion to cyclic compounds. p.1666
- Markova, V.V., Komer, V.A., Petrov, A.A. - Addition of organoboron compounds to 1,2-epoxy hydrocarbons. p.1669
- Razuvayev, G.A., Stepanov, L.P. - Reactions of organoaluminum compounds with acyl peroxides and anhydrides. p.1672.
- Zakharin, L.I., Givilevskii, V.V., Ivanov, I.I. - Preparation of complex aluminum acetylides of the type $MAIR \cdot (4 n)(C \cdot CR)_n$ and their esters. p.1676
- Avakian, S.N., Karapetian, R.A. - Cobalt and copper compounds with 2-chloro-1,3-butadiene. p.1680.
- Panushkin, I.A.M., Vinukhova, T.P., Kuznetsov, I.D. - Preparation of acetylenephosphazonyl fluorobenzylmanganate. p.1682
- Volshtek, M.I., Medvedev, V.D., Shlenkova, E.K. - Study of the chromatographic behavior of some organotellurium compounds in thin layers of aluminum oxide. p.1684.
- Zefirov, N.S., and others. - 3,6-Endoxocyclohexanone and endoxocyclohexanones. Part 24: Dipole moments of dimethyl ester derivatives of 3,6-endoxocyclohexanone. p.1687.
- Pavlova, L.A., and others. - 5,5-Dimethyl-2,4-diphenyl-2,5-dihydrofuran. p.1690.
- Zakharin, L.I., Kalinin, V.H. - Cleavage of phenylacetylene by hydrazine into a phenylacetic acid and carbonyl compound. p.1691.
- Komarov, N.V., Vlasova, N.N., Mikhailov, Z.I. - Synthesis of organosilicon-containing vinyl sulfones. p.1692.

Vol. 35, no. 10, Oct. 1965.

Table of contents translated:

- Gunner, E.A., Mel'nikenko, L.M. - Types of refractograms in the investigation of reactions in the systems electrolyte 1 - electrolyte II - water and electrolyte - nonelectrolyte - water according to the continuous measurement method. p.1695.
- Kheifets, I.A., Pribludnitskaya, L.A., Dushina, V.D. - Polarographic study of polyacetic acid salts. Part 1: Polarography of benzamides. p.1703.
- Tolmachev, A.I., Shulezhiko, I.M., Kishchenko, A.A. - Basicity of the series of pyrene compounds. Part 1: Basicity of chromone compounds. p.1704.
- Shklovskii, B.G., Stukhlovskii, M.D., Petrov, A.A. - Unsaturated organosilicon compounds. Part 17: Synthesis and bromination of some conjugated diene silicon hydrocarbons. p.1714.

- [illegible]

- Garduk, S. I. - Use of the contour integral in solving a problem on solving the conjugation of parabolic and hyperbolic equations. p. 1366.
- Mikhlin, V. I. - Three-dimensional heat conduction problems for certain bodies from inhomogeneous material. p. 1363.
- Tsot, P. V. - Problem for a system of differential equations describing energy and mass transfer. p. 1390.
- Mamutskaya, L. A. - Solution of a system of differential equations applied in the theory of heat and mass transfer. p. 1397.
- Karisev, I. M. - An integral transformation. p. 1406.
- Aslanov, A. G. - On the accuracy of a solution proposed by Carleman. p. 1411.

MATEMATICHESKII SPORNIK [MATHEMATICAL REVIEW]. Issued by Akademiya nauk SSSR and Moskovskoe matematicheskoe obshchestvo [Academy of Sciences of the U.S.S.R. and the Moscow Mathematical Society]. Moscow, vol. 68(110), no. 2, Oct. 1965.

- Table of contents translated
- Diagilev, M. M. - Regular bases in nuclear spaces. p. 153.
- Kats, I. S. - Existence of spectral functions of generalized differential systems of the second order with boundary conditions at the singular end. p. 174.
- McLanud, E. I. A. - Use of the semigroup method in studying the boundedness of solutions to a linear partial equation. p. 228.
- Polubov, V. Z. - Regularity of the product of regular proximity spaces. p. 242.
- Alchisev, V. M. - Theorem on integral inequalities and some of its applications. p. 251.
- Skrpnik, V. P. - Systems with transformed argument in the case when the transformations of the argument depend on the solution itself. p. 274.
- Lomazde, G. A. - Representability of numbers by positive, binary diagonal quadratic forms. p. 282.

MATEMATIKA V SHKOLE [MATHEMATICS IN SCHOOLS]. Issued by Ministerstvo prosveshcheniya RSFSR [Ministry of Education of the RSFSR]. Moscow, no. 6, Nov.-Dec. 1965.

REFERATIVNYI ZHURNAL: MATEMATIKA [JOURNAL OF ABSTRACTS: MATHEMATICS]. Issued by Institut matematicheskoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1965.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeni, matematika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Mathematics]. Moscow, no. 5(48), 1965.

- Table of contents translated
- Aleksand, V. N. - Convergence to the limit under the sign of a Lebesgue integral. p. 3.
- Anchikov, A. M. - Invariant tensor test for conformally reducible Riemannian spaces. p. 13.
- Barabshin, E. A., Kocheva, M. D. - Periodic movements of a double pendulum. p. 19.
- Bachurin, G. F. - Monotony p-groups having an increasing central series. p. 27.
- Vagner, V. V. - Groupoid theory. p. 31.
- Galdukhach, B. G. - Approximate solution of singular integral equations by the method of mechanical quadratures. p. 43.
- Dem'yanenko, V. A. - Jesmanowicz's problem for Pythagorean numbers. p. 52.
- Dinskii, M. E. - Zeros in the solution to Riccati's equation. p. 58.
- Kalashnikov, M. D., Gubinov, G. P., Dukhovchenko, V. I. - Approximation of continuous periodic functions by arithmetic means. p. 65.
- Kaplanovich, I. A. Sh. - Some theorems on the distribution of integral curves near a singular point and in the large. p. 74.
- Lesokhin, M. M. - Homomorphous representations of semigroups. p. 80.
- Lumiste, I. U. G. - The mean surface of congruence of planes in affine space. p. 86.
- Maergoiz, L. S. - Use of periodic generalized functions in the theory of increase of integral functions of several variables. p. 90.
- Nasyrov, R. M. - Stability in the final time interval in the case of two pairs of purely imaginary roots. p. 115.
- Ramm, A. G. - A method for solving the Dirichlet problem in an infinite region. p. 124.
- Absolute summability of series by Cesaro's methods of negative order. p. 128.
- Tuetski, A. Kh. - A class of functions for which a given summation method furnishes an approximation of the best order. p. 132.
- Chudinova, A. A. - Inverse problem of the potential of a simple layer for a body close to the given potential. p. 140.
- Eskin, L. D. - The heat conduction equation and Weierstrass's transformation in certain symmetrized Riemannian spaces. p. 151.

SIBIRSKIY MATEMATICHESKII ZHURNAL [SIBIRIAN MATHEMATICAL JOURNAL]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 6, no. 1, July-Aug. 1965.

- Table of contents translated
- Bukhtin, P. A. - Some extremum problems for mappings quasiconformal in the mean. p. 717.
- Gil'derman, I. U. I. - Generalized differentiation of additive functions of sets. p. 727.
- Griptshevskii, L. P. - Absolute summability of orthogonal series. p. 737.
- Gudkov, A. Kh. - Some generalizations of imbedding theorems. p. 775.
- Dzhaniev, A. - Fundamental boundary value problems for general elliptic systems of the second order with two independent variables. p. 978.
- Didenko, V. P. - Elliptic boundary value problem for certain elliptic systems of differential equations degenerate on the boundary. p. 814.
- Ivanov, V. K. - A type of linear equations in topological vector spaces. p. 832.
- Krasichov, I. F. - Lower bounds for integral functions of finite order. p. 840.
- Likhman, A. I. - Nilpotent approximable groups. p. 862.
- Lozanovskii, G. I. A. - Countably normalized semi-ordered rings. p. 867.
- Polishehuk, E. M. - The Fourier-Gatcau integral. p. 881.
- Pukharov, N. K. - A^n -algebras and regular finite planes. p. 892.
- Pykhtev, G. N. - Solution of a Dirichlet problem with a shift and some singular integral equations of the first order. p. 900.
- Rotkovskii, G. I. A. - Imbedding a semiordeed space into a space with unity. p. 918.
- Shkhaev, V. V. - Affine symmetrical vector fields. p. 924.
- Deikovich, I. A. G. - Baer's theorem on maximal subgroups of finite groups. p. 934.
- Kaz'min, I. U. A. - The problem of two points in the theory of analytic functions. p. 938.
- Fishman, K. M., Naghibidi, N. I. - Base composed of generalized primitives. p. 944.

Vol. 6, no. 5, Sep.-Oct. 1965.

- Table of contents translated
- Bukhtin, I. A. - Existence of semiconvergents and the critical regime of a reactor. p. 949.
- Ved', I. U. A. - Existence of asymptotic parabolas in solutions to integro-differential equations. p. 958.
- Gindlinger, M. D. - Strengthening of two theorems for a certain class of groups. p. 972.
- Demidov, G. V. - Correctness of a problem containing initial data for a partial differential equation. p. 985.
- Dikman, Z. T. - Almost regular K-spaces and K^* -spaces. p. 997.
- Zaleskii, A. E. - Semisimplicity of cross products. p. 1009.
- Zaitsev, D. I. - Groups with minimum commutator conditions. p. 1014.
- Kogalovskii, S. R. - Finitely reducible classes of models. p. 1021.
- Lagunov, V. N., Fil, A. I. - Extremum problems for surfaces of a prescribed topological type. Part 2. p. 1026.
- Leifchuk, M. P. - Finite groups with a "small" number of classes of isosoluble nonradical subgroups. p. 1037.
- Lipkina, Z. S. - Pseudonormalizability of topological rings. p. 1046.
- Lokko, N. V. - S-isomorphisms of mixed Abelian groups of rank \aleph_1 . p. 1053.
- Medvedeva, R. P. - Extension of finite groups with transitivity characteristic for normal divisors. p. 1068.
- Sabinina, E. S. - A class of quasi-linear parabolic equations insoluble relative to the derivative with respect to time. p. 1074.
- Simonian, L. A. - Some radicals of Lie algebras. p. 1101.
- Sychev, A. V. - Some properties of moduli. p. 1108.
- Tersenov, S. A. - Theory of elliptic equations degenerate on the domain boundary. p. 1120.
- Frankel, V. I. - Insolubility of certain algorithmic problems in groups defined by a system of generators and determining inequalities. p. 1144.
- Khamisov, A. Z. - A class of functions from nonlocal positive operators in Banach spaces. p. 1163.
- Sham Prasad Bandopadhyay. - Valuations in groups and rings. p. 1175.
- Elizarov, E. P. - Nonsingular dimensional rings. p. 1181.
- Kravchuk, M. I. - On G^* -quasi-nilpotent groups. p. 1185.
- Mamedov, I. A. D. - Unilateral valuations under the conditions of existence and uniqueness of solutions to the final Cauchy problem in Banach space. p. 1190.
- Pletkin, B. I., Kemkhadze, Sh. S. - Scheme for the construction of radicals in groups. p. 1197.
- Tol'skaya, T. S. - Injectivity and freedom. p. 1202.

PHYSICS

AKADEMIYA NAUK SSSR, Izvestiya, Fizika atomnoy i molekulyarnoy fiziki [ACADEMY OF SCIENCES OF THE U.S.S.R., Bulletin, Atomic and Molecular Physics]. Moscow, vol. 1, no. 10, Oct. 1965.

- Table of contents translated
- Zobkovskii, S. L., Timanovskii, D. L. - Spectral study of the turbulent regime in the diffusion near the water surface. p. 1095.
- Razin, M. I. - Influence of meteorological conditions on the vertical profile of the coefficient of turbulence in the atmospheric boundary layer. p. 1091.
- Romanova, L. M. - Photon path distribution in a horizontal layer of a homogeneous turbulent medium. p. 1022.
- Malkevich, M. S. - Relation between the characteristics of the vertical structure of the lower atmosphere and the temperature and humidity fields. p. 1030.
- Brekhsvalskii, L. M. - Role of acoustics in sound in the ocean. p. 1050.
- Krylov, I. U. M., Shchekolov, S. S., Tsyplovskii, V. I. - Study of the frequency power spectrum and behavior of wind waves in the coastal zone. p. 1055.
- Maksimov, I. V., Shtinov, N. P. - Origin of the semidiurnal rhythm in the activity of ocean currents. p. 1079.
- Katkov, V. I. - One class of exact solutions of the equation for forecasting geopotential. p. 1094.
- Furth, G. M. - Structural functions of turbulence in a stably stratified atmosphere. p. 1091.
- Phanet-Severin, S. V., Rudneva, L. A. - Molecular thermal with an admixture of large molecules in a stable subcloud layer. p. 1095.
- Gonshakov, A. I., Ignat'yev, V. I., IZ-shukov, V. P. - Instrument for measuring the vertical component of the electrostatic field. p. 1090.
- Anisimova, E. P., Pivovarov, A. A., Gikhman, V. A. - Dependence of the parameter of the roughness of the sea surface on wind speed. p. 1101.
- International colloquium on the microstructure of the atmosphere and the effect of turbulence on the propagation of radio waves. p. 1103.

AKADEMIYA NAUK SSSR, Izvestiya, Mekhanika i fizika tverdogo tela [ACADEMY OF SCIENCES OF THE U.S.S.R., Bulletin, Mechanics]. Moscow, no. 5, Sep.-Oct. 1965.

- Table of contents translated
- Brushlinski, K. V., Zueva, N. M., Morozov, A. I. - Establishment of a quasi-one-dimensional plane flow in a shaped channel. p. 3.
- Maksimov, V. A. - Steady shape of the oblique solid in a plane ideal-fluid flow. p. 7.
- Burevich, I. U. A., Ignat'yev, V. I. - Flow about a body covered by a fluid film. p. 11.
- Natanzon, M. S. - Effect of energy dissipation on forced discontinuous oscillations of a fluid in a pipe. p. 14.
- Birkman, I. I., Khtanman, V. I. A. - Theory of vibratory separation of granular mixtures. p. 22.
- Gantsev, R. F., Kononenko, V. O. - Nonlinear vibrations of a solid supporting a rotating column. p. 31.
- Slobodkin, A. M. - Peculiarities of the concept of equilibrium stability in the sense of Liapunov for systems with an infinite number of degrees of freedom. p. 38.
- Kan, V. I., Kef'zon, A. S. - Solution of a problem of pursuit. p. 47.
- Ivanov, I. U. N., Vinokurov, V. A. - Optimal motion in a central field in case of a given time for power source operation. p. 50.
- Valov, G. M. - Contact problem of an elastic and thermoelastic axisymmetric deformation of a finite solid cylinder. p. 60.
- Gigoluk, P. I., Chulkov, P. P. - Nonlinear vibrations of thin elastic laminated anisotropic shells with a rigid filler. p. 60.
- Alekseev, S. A. - Conditions for the occurrence of axial stressed state of soft shells. p. 41.
- Komarov, V. A. - Uniform distribution of materials in structures. p. 85.
- Kur'din, N. S. - Stress concentration in elastically deformed media. p. 88.
- Filov, V. M., Sulganik, R. L. - Beam approach to the theory of cracks. p. 95.
- Mesikov, S. I., Shumorgor, T. D. - Temperature dependence of the damping ratio of a standard body. p. 103.
- Kosmodemianskii, A. S. - Regularity of infinite systems obtained in determining the stressed state of elastic media with circular holes. p. 104.
- Zaleskii, V. K. - Solution in quadratures of the dimensional problem of helicoidal shells. p. 131.
- Chernina, V. S. - Designing a spherical shell subjected to the action of a concentrated tangential force. p. 113.
- Alfulov, N. A. - Determining the upper critical stress for a bucket-type cylindrical shell with a reinforced edge. p. 115.
- Volechkov, I. U. M. - Axisymmetric problem of the creep of circular cylindrical shells. p. 116.

- [illegible]

- Nagiev, V. M. - Analysis of vanadium phosphate glasses by the electron paramagnetic resonance method. p. 2726.
- Kolontsova, E. V., Telieghina, I. V. - Structural changes in neutron irradiated α -quartz. p. 2730.
- Cleban, A. G., Katar, P. K. - Theory of thermal-field ionization of impurity centers. p. 2735.
- Akhova, M. S. - Conditions for the existence of the electromechanical effect in germanium. p. 2740.
- Vodop'yanov, L. K., Kudinov, N. I. - Electric properties of indium antimonide irradiated by neutrons at 77° K and by electrons at 300° K. p. 2749.
- Dmitriyeva, L. V., Ioffe, V. A., Patrino, I. B. - Relation between the electrophysical properties and state of V^{4+} ions in V_2O_5 crystals. p. 2754.
- Azizov, U. V., and others. - Emission properties of molybdenum single crystals. p. 2759.
- Tomashpol'skii, I. U. A., Venetsev, I. U. N., Bezozdret, V. N. - Ferromagnetism in ferroelectric-ferromagnetic systems. p. 2763.
- Baklanov, E. V., Chaplik, A. V. - The dielectric constant in a two-band semimetal model. p. 2768.
- Zil'berman, P. E., Gulinaev, I. U. V. - Resonance amplification of Rayleigh ultrasonic waves by a beam of charged particles flying near a crystal surface. p. 2772.
- Gorodetskii, D. A., Mel'nik, I. U. P. - Structure of barium oxide films on face (110) of tungsten single crystals. p. 2780.
- Bol'shutkin, D. N., and others. - Mechanical properties of polycrystalline ammonium under linear compression. p. 2789.
- Bul'shchikov, L. L., Gioradze, N. P., Khaidze, G. A. - Theory of nuclear magnetic resonance in ferromagnets. p. 2793.
- Agranovich, V. M., Ovander, L. N. - Theory of induced absorption of light in crystals. p. 2799.
- Borziak, P. G., Katrich, G. A., Sarbel, O. G. - Effect of light on surface conduction of germanium in the case of a clean surface. p. 2803.
- Abayev, M. I., Kornfeld, M. I. - Pore formation in the disintegration of solid solutions of divalent ions in sodium chloride. p. 2809.
- Zhelinov, B. L., Kazantsev, A. P., Smirnov, V. S. - Stimulated radiation on traveling waves. p. 2816.
- Dubinskaya, L. S. - Negative longitudinal magnetoresistance in scattering on acoustical phonons. p. 2821.
- Palatnik, L. S., Lukashenko, L. I., Ravlik, A. G. - Study of Permalloy films with a supercritical hysteresis loop. p. 2826.
- Bazhutskii, P. A., Zheludev, I. S., Aref'ev, I. M. - Long-wave infrared transmission spectra of $NH_4H_2PO_4$. p. 2834.
- Ansel'm, A. I., Obratsov, I. U. N., Tarkhanian, R. G. - Quantum theory of thermomagnetic currents in semiconductors and metals. p. 2837.
- Khalilov, A. I., Korshakov, B. D., Pikus, E. L. - Characteristics temperature of molecular crystals. p. 2843.
- Guenok, E. P., Kudzin, A. U. - Effect of vapors of polar liquids on the dielectric properties of single crystals of barium titanate with certain additions. p. 2845.
- Khalilov, Kh. M., Kuliev, B. B. - Temperature dependence of the viscous properties of amorphous selenium. p. 2847.
- Kot, M. V., Tsurkan, A. E. - Recombination radiation of p-n junctions in crystals of the system CdTe-ZnTe. p. 2848.
- Palatnik, L. S., Gladikh, N. T., Naboka, M. N. - Study of condensed films of ZnS-CdS and Zn-Cd-S of varying composition. p. 2850.
- Kurkin, L. N., Shekhan, L. I. A. - Comparison of the electron paramagnetic resonance of Nd^{3+} and Ce^{3+} ions of the homologous Scheelite series. p. 2852.
- Ageev, A. N., and others. - Study of single crystals of ferrites-garnets with vanadium. p. 2853.
- Smirnov, V. P. - Band structure of copper oxide. p. 2858.
- Kochelaev, B. I. - Spin-orbital interaction through conduction electrons in semiconductors. p. 2859.
- Golkova, O. A., and others. - Electric properties of titanium carbide. p. 2860.
- Novogrudskii, V. N., Fekidov, I. G., Semenov, V. V. - Magnetic properties of Mn_2Ge_2 . p. 2863.
- Karlov, N. V., Krynetskii, B. D. - Inversion and width of paramagnetic resonance absorption lines in rutile with chromium in the 20-cmimeter band. p. 2865.
- Rubinshtein, B. E., Titova, A. G. - Ferromagnetic resonance in single crystals of the garnet $Bi_2O_3 \cdot 48Ca_2 \cdot 52Fe_3 \cdot 74V_1 \cdot 26O_{12}$. p. 2867.
- Tulov, A. G., Bokov, V. A., Kizhaev, S. A. - Structure and magnetic properties of $TiMnF_3$. p. 2868.
- Svistova, E. A., Bekker, F. F., Li Bin'-tsun [Li Ping-tsung]. - Transverse resistance and Hall effect in p-germanium in high magnetic fields in the temperature range of 78°-300° K. p. 2871.
- Korovin, L. I. - Magnetophonon resonance in the region of the fundamental absorption edge. p. 2873.
- Uhasov, V. E., Levykhina, L. N., Efremenkova, V. M. - Preparation of thin films of intermetallic compounds using the cathode sputtering method. p. 2875.
- Gilgoyev, S. B., Sazonov, A. M. - Effect of ultrasonic excitation on nuclear magnetization in a paramagnetic substance. p. 2877.
- Levinson, I. B. - Piezoelectric scattering on an uncharged dislocation. p. 2879.
- FIZIKA V SHKOLAH [PHYSICS IN SCHOOLS]** Organ of Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the RSFSR]. Moscow, vol. 25, nos. 3, 5, May-June, Sep.-Oct. 1965.
- KIEV, UKRAINSKII NAUCHNO-ISSLEDOVATELSKII GIDROMETEOROLOGICHESKII INSTITUT. Tudy [UKRAINIAN SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE. Transactions].** No. 57, 1965. Problems of climatology.
- Table of contents translated:
- Sakali, L. I., Nadellaeva, R. V. - Heat balance of the underlying surface of the steppe zone of the Ukraine in various types of weather. p. 3.
- Kulakovskaya, M. I. - Quantitative indexes of the development and stationing of areas of high pressure over the Ukraine. p. 16.
- Raevskii, A. N. - Frequency of atmospheric fronts in the steppe part of the Ukraine. p. 24.
- Bova, N. V. - Dry winds in the Ukraine. p. 30.
- Volokhina, V. A. - Temperature regime of the atmosphere in periods with dry winds in the Ukraine. p. 38.
- Babichenko, V. N. - Dust storms in the Ukraine. p. 45.
- Torletskaya, V. V. - Actinometric characteristics of the atmosphere in periods of dust storms. p. 54.
- Rozova, E. S. - Glaze in the Ukraine. p. 63.
- Prokhorenko, M. M., Raevskii, A. N. - Rare case of an intensive sheet of glaze in Odessa Province. p. 70.
- Chaika, I. B. - Meteorologic regime of winters unfavorable for the wintering of farm crops in the Ukraine. p. 77.
- Zemliakov, V. M. - Maps of prevailing winds over the Black Sea. p. 88.
- KOMSOMOL'SKIY (SARATOV PROVINCE) GIDROMETEOROLOGICHESKAYA OBSERVATORIA. Sbornik rabot [HYDROMETEOROLOGICAL OBSERVATORY PAPERS].** Leningrad, no. 5, 1965. Wave and meteorological regime at the Kuybyshev Reservoir.
- Table of contents translated:
- Nikulin, P. I. - Characteristics of the wind regime for a period of many years in the region of the Kuybyshev Reservoir. p. 3.
- Vasend, V. D. - Methods of executing wave-measuring observations at the Kuybyshev Reservoir. p. 35.
- Fedulova, E. M. - Results of studying the wind waves of the Kuybyshev Reservoir. p. 70.
- Chigirinskii, P. F. - Calculation and forecast of the heights of wind waves on the Kuybyshev Reservoir accounting for the leeward bank. p. 89.
- Borokova, T. N. - Some characteristics of the meteorological regime of the open part of the Kuybyshev Reservoir. p. 108.
- Shiokov, V. M. - Formation of recent bottom sediments in the Kuybyshev Reservoir. p. 142.
- Karakovskaya, L. A. - Characteristics of the spring transition of the average daily air temperature through 0° in the drainage area of the Kuybyshev Reservoir. p. 150.
- KUYBYSHEV, GIDROMETEOROLOGICHESKAYA OBSERVATORIA. Sbornik rabot [HYDROMETEOROLOGICAL OBSERVATORY PAPERS].** No. 2, 1965.
- Table of contents translated:
- Krotkova, V. S. - Radiation regime of the city of Kuybyshev. p. 5.
- Altov, M. B. - Some information on the development of cumulonimbus cloudiness in the area of the Kuybyshev Reservoir. p. 18.
- Dubrovina, L. V. - Some characteristics of vortex formation in the surface layer. p. 45.
- Dubrovina, L. V. - The most simple and accurate method of calculating the turbulent coefficient in the surface layer. p. 56.
- Glukhova, N. V. - Agrioclimatic characteristics of the conditions of the autumn vegetation of winter rye in Kuybyshev Province. p. 75.
- Gorina, S. I. - Treatment of the methodology of constructing the forecast of the phases of development and evaluating the agrometeorological conditions of the growth of millet in the middle Volga Valley. p. 85.
- Chekalovskii, E. F. - Methodology of measuring low-water discharges of small rivers. p. 102.
- Chekalovskii, E. F. - Volume of flow of the spring flood of the rivers of Orenburg Province. p. 110.
- Leningrad, GLAVNAIA GIDROLOGICHESKAYA OBSERVATORIA. Tudy [MAIN GIDROLOGICAL OBSERVATORY. Transactions].** No. 183, 1965. Problems of general and synoptic climatology.
- Table of contents translated:
- Drozdov, O. A. - Role of statistical regularities in meteorology and climatology. p. 3.
- Drozdov, O. A., Olova, V. V., Shvet, T. S. A. - Optimum length of record in climatological research. p. 14.
- Rubinshtein, E. S. - Length of record in climatology. p. 46.
- Kustin, S. I. - Climatic fluctuation on the East European Plain in the historical epoch. p. 66.
- Volob'eva, E. V., San'kin, L. R. - Conjunction of the atmospheric processes and the conversion of forms of circulation. p. 75.
- San'kin, L. R. - Relation of the intensity of zonal transport over the American sector to the characteristics of surface pressure. p. 80.
- San'kin, L. R. - Convergence of winter synoptic processes in the region of the Far Eastern coast and the interrelationship between the atmospheric circulation of Eurasia and the Pacific Ocean. p. 84.
- Pavlov, S. V., Pavlov, Z. B. - Return curve of gale activity. p. 92.
- Pokrovskaya, T. V., Spirina, L. P. - Evaluation of the effect of snow cover on the air temperature in spring in the European part of the U.S.S.R. p. 110.
- Kuznetsova, L. P., Shvet, T. S. A. - Effect of the Caspian Sea on the temperature regime of the coast based on the example of the Gdansk-Kull station. p. 114.
- Drozdov, O. A., Kuznetsova, L. P., Nechaev, L. N. - Determining the characteristics of precipitation within a region. p. 121.
- Efremov, N. I. - Structure of the monthly amount of precipitation in the steppes of the middle eastern European territory of the U.S.S.R. p. 137.
- Kuznetsova, L. P. - Diurnal precipitation maximum in the Altai. p. 107.
- Kuznetsova, S. V. - Effect of mesosynoptic processes on astrometric characteristics in the region of the Northern Caucasus. p. 178.
- MAGNETNAYA GIDRODINAMIKA [MAGNETOHYDRODYNAMICS].** Issued by Akademicheskii Institut [Academy of Sciences of the Latvian S.S.R.]. Riga, no. 3, 1965.
- Table of contents translated:
- Lubimov, G. A. - Magnetohydrodynamic boundary layer. p. 3.
- Tsinobai, A. B., Shcherbinin, E. V. - Two-dimensional magnetohydrodynamic flow. p. 21.
- Shcherbinin, E. V. - Integral methods in the theory of jets of a conducting fluid. p. 30.
- Krasitnikov, E. I. U. - Effect of a transverse magnetic field on convective heat transfer in the flow of a conducting fluid in a channel. p. 37.
- Levi, I. I., Mikhailov, M. A. - Approximate method for calculating a flow in a region of sudden expansion in the presence of a magnetic field. p. 41.
- Kuliko, V. I. - Theory of magnetohydrodynamic wave scattering at the outlet of a wave guide. p. 44.
- Kalmykova, E. S., Kuliko, V. I. - Excitation of a magnetohydrodynamic wave guide by a coaxial one. p. 51.
- Gudzenko, L. I., and others. - Use of a high ionized plasma in laser design. p. 54.
- Gudzenko, L. I., Shcherbin, L. A. - Amplification in a decomposing plasma. p. 67.
- Smolchik, I. U. V. - Dissipative instability in magnetohydrodynamics. p. 61.
- Chushkin, P. I. - Magnetized blunt-nosed bodies in hypersonic gas flow. p. 67.
- Drolyavskii, E. M., Chikmarov, I. B. - Rotation of a weakly ionized gas in a homopolar discharge tube with a radial magnetic field. p. 76.
- Denisov, I. U. N., Zalogin, G. N., Kulshalkov, V. A. - Flow near the critical point with magnetic fields parallel with and perpendicular to the body surface. p. 81.
- Okhromenko, N. M. - Transverse edge effect in flat linear induction pumps. p. 87.
- Rashechkin, A. P. - Field in the stator-to-rotor gap of an induction machine with variable linear loading of the winding. p. 90.
- Borinov, A. I., Sheva, N. V. - Some problems affecting the design of a three-phase helical electro-magnetic pump. p. 103.
- Paris, R. R., Rehm, R. L., Tatarski, V. A. - Simplified determination of short-circuit currents in a helical asynchronous pump. p. 111.
- Andreev, A. M., Glukhikh, V. A., Kurayev, B. K. - Principles of rational design of d-c electromagnet pumps. p. 114.
- Avilova, E. M., and others. - Construction features and test results of conduction pumps. p. 121.
- Paris, R. R. - Distribution of the electromagnetic field in liquid-metal homopolar generators. p. 127.
- Konovator, K. D., Kozlov, E. K. - Testing results and ways of improving a non-open-hearth plant for desulphurizing liquid cast iron by means of electro-magnetic stirring. p. 139.
- Borinov, A. I., But, D. A., Kalugin, V. N. - Magnetic systems of magnetohydrodynamic machines. p. 145.

- Kalinin, T. K. - New induction pump for pumping liquid metals. p. 155.
- Liepeter, I. A. - Scientific Conference of the Department of Physicochemical Problems of Power Engineering at the Academy of Sciences of the U.S.S.R. p. 156.
- MOSCOW NAUCHNO-ISSEDOVATEL'SKII INSTITUT AEROKLIMATOLOGII. Srednie meslachnye aerologicheskie dannye na troi ticheskikh poverkhnostyakh [SCIENTIFIC RESEARCH INSTITUTE OF AEROClimatology. Mean Monthly Aerological Data on Isobaric Surfaces]. Moscow, Oct.-Dec. 1963, Apr.-Sep. 1964.
- MOSCOW, TSENTRAL'NYI INSTITUT PROGNOZOV. Trudy [CENTRAL WEATHER INSTITUTE, Transactions]. No. 112, 1965. Marine forecasts and calculation, materials of the All-Union Conference, November 1964.
- Table of contents translated.
- Belushii, N. A. - Problems of marine forecasts and information. p. 5.
- Karakash, A. I. - Ice forecasts on non-Arctic seas. p. 13.
- Iakovlev, V. N. - Calculation of the ice edge on the navigation routes of the Sea of Okhotsk. p. 16.
- Bublikova, I. U. - Ice drift on navigable routes adjacent to the island of Sakhalin. p. 21.
- Lipatnikova, E. A. - Methodology of the long-range forecasting of the freezing and opening of the Aral Sea. p. 25.
- Lebedev, A. A. - Year-to-year variability of the iceiness and thermal conditions of the waters of the North Atlantic and adjacent seas. p. 28.
- Glogeleva, M. G. - Analytic representation of the distribution of hydrometeorological elements by means of natural orthogonal components. p. 33.
- Kuklin, G. N. - Variability of currents in the ocean and their relation to atmospheric processes. p. 40.
- Samoylov, V. P. - Some results of the numerical calculation of full streams in the North Atlantic. p. 51.
- Sirigutunova, L. I. - Methods of calculating and forecasting water temperature. p. 53.
- Shpakikh, A. G. - Influence of Atlantic waters on the formation of the hydrometeorological regime of the Arctic seas. p. 57.
- Abuzharov, Z. K. - Wave forecasts and recommended courses. p. 75.
- Labovskii, N. A. - Calculation of nonperiodic fluctuations of the level of the mouth of the Neva River. p. 81.
- Muslatin, N. V. - Methodology of forecasting the lowering and raising of the water level by the effect of wind on the Arctic seas. p. 86.
- Potania, V. A. - Level raisings by the effect of wind in the port of Onega on the White Sea and forecasting them. p. 93.
- Lamanova, N. V. - Forecast of fluctuations of the level of the Klintpeda Strait. p. 95.
- Skonnikova, I. N. - Experience in calculating the elements of tsunami waves. p. 98.
- Vulchenkov, V. A., Ietoshin, I. U. V. - Use of spectral functions for studying the variability of oceanographic characteristics. p. 103.
- Kopelgordskii, E. M. - Automatic stations on pile foundations. p. 108.
- No. 145, 1965. Crop formation under the influence of meteorological conditions.
- Table of contents translated.
- Razumova, I. A. - Spatial variability and methods of calculating soil moisture on irrigated fields. p. 3.
- Smirnova, S. I., Dolgov, S. I. - Selection of permanent places for determining moisture reserves characterizing the soil moisture of a farming area. p. 36.
- Ventskevich, G. Z. - Study of the regularities of the linear growth of plants applied to problems of agrometeorology. p. 42.
- Manichenko, E. K. - Relation of the intensity of the linear growth of winter rye after heading to agrometeorological conditions. p. 54.
- Ulanova, E. S. - Method of long-range agrometeorological forecasting of the winter wheat crop by the spring moisture reserves in the soil and the number of stalks surviving the winter. p. 67.
- Chirkov, I. U. I., Belukhina, G. V. - Microclimate and heat balance on crops of irrigated and nonirrigated corn in Moldavia. p. 80.
- Kontorsheikov, A. S. - Improvement of the methodology of observations and calculations of evaporation from farm fields on the basis of the theory of the stratification of convection exchange. p. 100.
- Ivanova-Zukova, N. Z. - Agrometeorological indexes of the development, growth, and formation of a pea crop. p. 115.
- Panina, V. F. - Pea cultivation in green fallows in the central part of the non-Chernozem zone. p. 123.
- Musielik, P. E. - Dependence of the sunflower crop on precipitation and soil moisture in the different vegetation periods in the Ukraine. p. 132.
- Mol'nik, I. U. S. - Evaluation of the conditions for moisture security and the formation of the crop of sunflower seeds in the Northern Caucasus. p. 139.
- Kontorsheikov, O. M. - Agrometeorological indexes of the conditions for the formation of the crop of sugar beet root in the non-Chernozem zone of the European territory of the U.S.S.R. p. 147.
- Subbotin, I. A. - Methodology of the agrometeorological forecasting of the potato crop. p. 157.
- Guban, F. Sh. - Making more precise the methodology of the quantitative evaluation of agrometeorological conditions for potato tuberization in regions of soil waterlogging (Lithuanian S.S.R.). p. 169.
- Vlasova, V. A. - Characteristics of agrometeorological conditions for potato tuberization in the northern regions of the European territory of the U.S.S.R. p. 178.
- Popovskaya, O. M., Kachaeva, O. L. - Relation of soil temperature in a potato field to air temperature. p. 185.
- NAUCHNO-TEKHNIЧЕСКИЕ ПРОБЛЕМЫ ГОРЕНИЯ И ВЗРЫВА [SCIENTIFIC AND TECHNICAL PROBLEMS IN COMBUSTION AND BLASTING]. Issued by Sibirske otdelenie Akademii nauk SSSR [Siberian Department of the Academy of Sciences of the U.S.S.R.]. Novosibirsk, no. 2, 1965.
- Table of contents translated.
- Dremin, A. N., Savinov, S. D., Andrievskii, A. N. - Study on a detonation in nitromethane initiated by a shock wave. p. 3.
- Gondeev, V. F., and others. - Initiation of an explosion transformation of condensed explosives by means of a gas detonation. p. 12.
- Kogaiko, S. M., Adushkin, V. V., Litvin, A. G. - Spherical detonation of gaseous mixtures. p. 21.
- Solovkhin, R. I. - Structure of a many-front detonation wave in a gas. p. 35.
- Initiation of an explosion by impact. Part I: Development of the explosion. p. 43.
- Balsanov, S. S., Deribas, A. A., Kutolin, S. A. - Effect of an explosion on matter. Thermodynamics of shock compression of powders. p. 52.
- Listitski, V. I., Merzhanov, A. G. - Ignition of condensed substances by a hot gas stream. p. 62.
- Gostinsev, I. U. A., Margolin, A. D. - Nonsteady-state combustion of gunpowder induced by a pressure pulse. p. 69.
- Konev, E. V. - Effect of luminous radiation on the combustion rate of H gunpowder. p. 76.
- Senenkov, E. S. - Measurements of the characteristics of turbulence under conditions of a closed volume with mechanical agitation. p. 83.
- Dremin, A. N., Rozanov, O. K. - Analogy of the detonation of gaseous and liquid explosives. p. 93.
- Lishin, Sh. A., Litvin, L. P. - Diffusion burning in a laminar boundary layer. p. 101.
- Ivanov, B. A., Kogaiko, S. M. - Ignition energy of pure acetylene and its mixtures with air under high initial pressures. p. 105.
- Stumina, A. G., Merzhanov, A. G., Malofis, Z. B. - Dynamic regimes of a thermal explosion. Part 2: Laws governing a thermal explosion under conditions of constant-rate cooling. p. 108.
- Babkin, V. S., Kozachenko, L. S. - Energy losses in explosions of spherical bombs. p. 114.
- Sixth Session of the Scientific Council on the use of explosions for purposes of the national economy. p. 118.
- REFERATIVNYI ZHURNAL: FIZIKA [JOURNAL OF ABSTRACTS: PHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Oct. 1965.
- REFERATIVNYI ZHURNAL: GEOFIZIKA [JOURNAL OF ABSTRACTS: GEOPHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 10-11, Oct.-Nov. 1965.
- *REFERATIVNYI ZHURNAL: MEKHANIKA [JOURNAL OF ABSTRACTS: MECHANICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 10-11, Oct.-Nov. 1965.
- SREDNEAZIATSKII NAUCHNO-ISSEDOVATEL'SKII HIDROMETEOROLOGICHESKII INSTITUT. Trudy [CENTRAL ASIA HYDROMETEOROLOGICAL RESEARCH INSTITUTE, Transactions]. Leningrad, no. 20(35), 1965. Problems of the regional synoptics of Central Asia.
- Table of contents translated.
- Burkova, M. V. - Strong jet streams over the south of the U.S.S.R. p. 3.
- Burkova, M. V., Dzhordzhio, V. A. - Critical aerodynamic analysis of the period of June 5-9, 1959, with extremely strong jet stream over Askaniya. p. 69.
- Karnacheva, V. D. - Conformity of the fields of real and geostrophic wind. p. 86.
- Karnacheva, V. D. - Distribution of divergence. p. 101.
- Semenova, O. A., Il'ina, E. S. - Characteristics of the distribution of precipitation in the deserts, semideserts, and oases of Central Asia. p. 112.
- Tshesnevskaya, K. M. - Horizontal moisture transfer over Central Asia. p. 123.
- Mukimova, A. G. - Moisture content and transfer of water vapor in jet streams over Central Asia. p. 136.
- Medvedeva, I. T., Romanov, N. N. - Synoptic processes resulting in the daily fall of precipitation on the Tien Shan in summer. p. 145.
- Medvedeva, I. T., Romanov, N. N. - Air-mass convective clouds and shower precipitation on the Kunghay-Alatau. p. 150.
- Dzhordzhio, V. A., Chernysheva, O. N. - Aerodynamic conditions for the development of occurrence of a thunder storm on the Fedchenko Glacier. p. 153.
- Petrovskaya, M. A., Subbotina, O. I., Chaynashina, S. G. - Influence of the orography of Central Asia on the mean temperature field. p. 158.
- Vodner, I. N. - Some data on periodical temperature variation in the free atmosphere over Tashkent. p. 172.
- Timoshenko, U. I., Fedotova, L. F. - Late spring and early autumn frosts in the Chu and Talas Valleys of the Kirgiz S.S.R. p. 183.
- Il'ina, E. S., Tursunov, S. U., Enm, Z. G. - Statistical and stochastic characteristics of synoptic situations over Central Asia. p. 201.
- Solov, E. I. - Possible correctness of the alternative forecast of rough air. p. 244.
- No. 24(30), 1965. Agricultural meteorology of the cotton plant and desert pasture vegetation and problems of climatology.
- Table of contents translated.
- Dubushkin, L. N. - Development and some results of works on agrometeorology in Central Asia. p. 3.
- Gringof, I. G. - Agrometeorological research in the field of desert pasture vegetation in Uzbekistan. p. 22.
- Works on problems of agrometeorology published for the Soviet period in the system of the hydrometeorological service in Uzbekistan. p. 28.
- Sabinina, I. G. - Evaluation of the conditions of the moisture consumption by the cotton plant in the vegetation period under the conditions of irrigation farming in Uzbekistan. p. 35.
- Gringof, I. G., Kalumov, A. K. - Methodology of the field determination of the yield of the wormwood plant mass on the pastures of Kyzyl Kum. p. 44.
- Zhitomirskaya, O. M., Leukhina, G. N. - Climatic description of the western Tien Shan. p. 50.
- TIFLIS, ZAKAVKAZSKI NAUCHNO-ISSEDOVATEL'SKII HIDROMETEOROLOGICHESKII INSTITUT. Trudy [TRANSCAUCASIAN SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE, Transactions]. Leningrad, no. 15(21), 1964. Problems of the hydrometeorological regime of Transcaucasia.
- Table of contents translated.
- Zakharov, M. A. - Aerodynamic conditions for the origin of frosts in the Georgian S.S.R. p. 3.
- Kvartskholia, I. F. - Jet streams and the conditions of the formation of sharp vertical shears of velocity in the upper half of the troposphere over Transcaucasia. p. 21.
- Tsutsakidze, I. A. - Radiation balance of Transcaucasia. p. 63.
- Dvali, E. R. - Electrical characteristics of the atmosphere during thunderstorm phenomena. p. 71.
- Chirakadze, G. I. - Calculated winter temperatures for the Georgian S.S.R. p. 91.
- Sukhtelidze, E. V. - Wind-direction regime in Georgia. p. 106.
- Poklep, V. F. - A facilitated method for determining streamflow by melting snow in mountain regions. p. 123.
- Tsomaia, V. Sh. - Some features of the radiation regime of the surface of melting glaciers of the Caucasus; based on the example of the Gergeti and Yugo-Vostochnyy Glaciers. p. 129.
- Chantadze, Z. I. - Characteristics of the general hardness of river water in Georgia. p. 137.
- Sidorova, L. V. - Some characteristics of the regime of the year-to-year streamflow of the southern slopes of the central Caucasus. p. 144.
- Kochiasvili, B. M. - Regionalization of the Georgian S.S.R. according to the conditions of the formation of minimum flow. p. 150.
- Chikvadze, G. D. - Water temperature of the rivers of the Kuban headwaters for vegetation period. p. 156.
- Turmanidze, T. I. - Agroclimatic conditions and prospects for the development of viticulture in Syanetia. p. 161.
- *TSENTRAL'NAYA AEROLOGICHESKAYA OBSERVATORIA. Trudy [CENTRAL AEROLOGICAL OBSERVATORY, Transactions]. Leningrad, no. 88, 1965. Aviation meteorology and aerodynamic studies.
- Table of contents translated.
- Sachkov, N. K. - Meteorological conditions for landing airplanes. p. 3.

- Sachin, N. K. - Method of calculating the wind load of lakoff and landing, p. 23.
 Rechetov, O. V. - Study of gentle breezes over Moscow, p. 39.
 Isidori, T. A. - Gravity and p. 67.
 Gilyarov, S. S., Timofeev, I. N. - Invasion in the lower atmospheric layer of the Antarctic, p. 76.

*USPEKHI FIZICHESKIH NAUK [PROGRESS IN THE PHYSICAL SCIENCES]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 84, no. 3, Nov. 1964.

Table of contents translated:

- Zel'dovich, I. A. B., Novikov, I. D. - Relativistic astrophysics, p. 377.
 Bresler, S. E. - Physical aspects of some problems in molecular biology, p. 418.
 Vaylov, V. S. - Nature and energy spectrum of radiation disturbances in semiconductors, p. 431.
 Malov, N. N., Kozlova, A. N. - New demonstrations in physics, p. 521.

*ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 39, no. 3(9), Sep. 1965.

Table of contents translated:

- Drogin, A. I., Snegubov, V. I. - Study of the boundary layers between domains in some ferrites with a spinel structure, p. 713.
 Zolotov, E. M., Prokhorov, A. M., Snopce, G. P. - Luminescence and generation of $\text{CaF}_2 \cdot \text{Dy}^{2+}$ crystals when excited by a ruby laser, p. 720.
 Voronko, I. U. K., Kaminskii, A. A., Osiko, V. V. - Analysis of the optical spectra of Pr^{3+} , Nd^{3+} , and Eu^{3+} in fluorite crystals (type I) by the method of concentration series, p. 724.
 Krivko, N. I., Berger, M. M. - Local magnetic fields on the surface of the Nb - 7r superconductor in a mixed state, p. 730.
 Pivovarov, I. I., Novikov, M. T., Dolgov, A. S. - Deep stripping and scattering of Kr^+ ions in single collisions with Ne, Ar, Kr, and Xe atoms, p. 731.
 Bershat, L. V., Marfuntin, A. S., Mineeva, R. M. - Electron paramagnetic resonance of the $[\text{MnF}_4]^{2-}$ tetrahedral complex in scheelite, p. 743.
 Belov, K. P., Likhutina, I. S. - Effective magnetic fields on the nuclei in the substituted ferrites - garnets $\text{Ca}_x\text{Y}_{3-x}\text{Fe}_5\text{O}_{12}$, p. 747.
 Lazarenko, V. R., Luk'yanov, S. I. U. - Attempt to detect double β -decay in Ca^{48} , p. 751.
 Voronov, V. F., Voronov, F. F., Stal'gorova, O. V. - Elastic properties of barium at pressures up to 22000 kg/cm^2 , p. 755.
 Potnikov, A. I., Iakovlev, G. I. - Observation of pulse-type nucleus - nucleus polarization, p. 760.
 Sachenko, V. P., Demekhin, V. F. - Satellites of X-ray spectra, p. 765.
 Moskalenko, V. A., Palisiant, M. E. - Determining the critical temperature for a superconductor with an impurity in a two-band model, p. 770.
 Vasil'ev, A. N. - One characteristic of the generalized free field, p. 781.
 Leznov, A. N. - Macrocausality condition in nonlocal field theory, p. 784.
 Ignatchenko, V. A., Kuz'min, E. V. - Magnetic and acoustic excitations of bound magnetoelastic oscillations in a thin magnetic film, p. 787.
 Tsytoich, V. N., Shvartsburg, A. B. - Theory of nonlinear interaction of waves in a magnetoactive anisotropic plasma, p. 797.
 Blank, A. I. A., Kaganov, M. I. - Theory of space dispersion in ferromagnetic metals in a strong magnetic field, p. 807.
 Karayev, V. V. - Output fluctuations of thermal radiation detectors, p. 820.
 Bellakov, V. A. - Isomer shift and the structure of metastable nuclear states, p. 832.
 Smirnov, B. M., Chibisov, M. I. - Disintegration of atomic particles by an electric field and by electron impact, p. 841.
 Chibisov, M. I. - Attachment of electrons to atoms in triple collisions, p. 852.
 Mashkov, S. A. - Thermodynamics of a simple cubic ionic lattice, p. 857.
 Al'tshuler, S. A., Kochelaev, B. I. - Shift on the line structure components of the Rayleigh light scattering line in paramagnetic substances, p. 862.
 Kudinov, E. K., Firsov, I. U. A. - Stochastic aspects of low mobility theory, p. 867.
 Demkov, I. U. N. - Electron detachment in slow collisions between negative ions and atoms, p. 885.
 Basov, N. G., Morozov, V. N., Oralskii, A. N. - Nonlinear interaction of various kinds of oscillations in a laser, p. 895.
 Mir-Kasimov, R. M. - The "focusing" singularity in a p-space of constant curvature, p. 905.
 Bass, F. G., Levinson, I. B. - Cyclotron-phonon resonance in semiconductors, p. 914.
 Marmaladze, I. U. G., Kharadze, G. A., Chelashvili, O. D. - Penetration of polarized neutrons through a superconductor in the mixed state, p. 925.

- Shapoval, E. A. - Critical fields of thin superconducting films, p. 930.
 Gur'el, R. N., Kaganov, M. I. - Effect of interelectron collisions on the optical properties of metals, p. 941.
 Bais'kulat, V. G., Savchenko, M. A., Tarasenko, V. V. - Bound magnetoelastic waves in antiferromagnets placed in strong magnetic fields, p. 914.
 Betsheia, I. L., Zaitsev, I. U. I. - Operation of a gas laser with annular resonator, p. 953.
 Gurevich, V. L., Laikhtman, B. D. - Nonlinear theory of some instability in piezoelectric substances, p. 960.
 Vafra, V. G., Latkin, A. I. - Phase transitions of the second kind, p. 975.
 Aibuzov, B. A., Filippov, A. T. - Iterative method in nonrenormalizable field theory, p. 990.
 Betsheia, V. A., Khalatnikov, I. M. - General solution of the equations of gravitation with simultaneous fictitious singularity, p. 1009.

ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Letters to the Editor. Issued as a supplement to the Journal Moscow, vol. 1, no. 2, Apr. 1965.

Table of contents translated:

- Kononko, I. U. K., and others. - Study of the induced radiation from $\text{CaF}_2\text{-Nd}^{3+}$ (type II) crystals at room temperature, p. 3.
 Belov, K. P., and others. - Magnetic properties gadolinium under high pressure at elevated temperatures, p. 8.
 Lebedev, O. L., and others. - Gigantic laser radiation pulses on glass activated by neodymium with the aid of clarifying solutions, p. 14.
 Amirkhanov, Kh. I., Bashirov, R. I. - Recent data on the Shubnikov-de-Haas spin effect in InSb , p. 17.
 Lushchikov, V. I., Taran, I. U. V., Frank, A. I. - Dynamic polarization of deuterons in crystals of lanthanum magnesium nitrate, p. 21.
 Poljakov, A. M. - Renormalization of residual currents by disturbance of symmetry, p. 27.
 Malinin, S. G. - Transformation properties of the Lagrangian of weak interaction and the S-amplitude of adronic decay of hyperons in SU(6)-symmetry, p. 29.
 Mina, R. T., Khaikin, M. S. - Superhigh-frequency electromagnetic waves in the skin layer of indium, p. 34.
 Voronov, G. S., Delone, N. B. - Ionization of xenon atoms by the electric field of radiation from a ruby laser, p. 42.
 Sukhomlin, E. A., and others. - Excitation and thermalization of electron plasma waves in a high-current gas discharge, p. 45.
 Azimov, I. A. I., and others. - Electromagnetic decay of mesons in models of quartets, p. 50.

Vol. 1, no. 3, May 1965.

Table of contents translated:

- Mashovets, D. V., Pafonov, R. V., Shalyt, S. S. - Magneto-phonon resonance in $\alpha\text{-InAs}$, p. 2.
 Rivlin, L. A. - Vavilov-Cherenkov hard radiation in single crystals, p. 7.
 Guliava, I. U. V. - Faraday effect on "hot" electrons in semiconductors, p. 11.
 Goidanskii, V. I. - Two-photon radioactivity of nuclei heavier than tin, p. 15.
 Mitinsh, I. V., Dolushev, V. D., Revenko, I. U. F. - Observation of transitions between hyperfine sublayers of paramagnetic atoms, p. 22.
 Gaidukov, I. U. P., Krichetova, I. P. - Oscillation of resistance and arc trajectories of electrons in zinc, p. 25.
 Rekat, M. P. - Electromagnetic properties of mesons in SU(6)-symmetry, p. 31.
 Gedalin, E. V., Kaneholl, O. V., Malinin, S. G. - Renormalization of the vector current in baryons by the disturbance of SU(6)-symmetry, p. 35.
 Zel'dovich, I. A. B. - Analog of the Zeeman effect in the gravitational field of a rotating star, p. 40.
 Askar'ian, G. A. - Acceleration of particles by the boundary field of a moving plasma edge intensifying the electric field, p. 44.
 Malyshev, V. I., Markin, A. S., Petrov, V. S. - Quality modulation of a neodymium-glass laser by means of a passive shutter, p. 49.

Vol. 1, no. 6, June 1965.

Table of contents translated:

- Anufriev, I. U. D. - Use of Pomeranchuk's effect in producing ultrashort temperatures, p. 1.
 Lobov, G. A. - Nonconservation of the time parity in strong interactions, p. 7.
 Malyshev, V. I., and others. - A neodymium-glass laser with a monopulse duration near the limit, p. 11.
 Peretomov, A. M., Popov, V. S. - Kasimov operators for unitary groups, p. 15.
 Askar'ian, G. A., and others. - Detection of a quick photoionization halo and a cloud of concentrated long-lived ionization from a shock wave produced by a spark in a laser beam, p. 18.

- Geshkenbein, B. V., and others. - Incompatibility of relativized SU(6) symmetry with unitarity, p. 23.
 Okun, I. B., Pomeranchuk, I. A. - The "fictitious" unitarity and the neutrino experience, p. 29.
 Frankovich, I. I., Babanov, I. I. - New method of increased photoconductivity of organic semiconductor in a weak magnetic field, p. 34.
 Betikava, I. P., Syvchenko, I. A. - Effect of a formed beam from a ruby laser on ruby, p. 47.

Vol. 2, no. 1, Aug. 1965.

Table of contents translated:

- Pandushkin, V. N., Voronov, F. F. - Moshbauer effect in metallic thin at pressures up to 110 kbar , p. 133.
 Lushchikov, V. I. - Unitary symmetry and the Pauli group, p. 157.
 Kresin, V. Z., Tsvetov, B. A. - Possible mechanism of superconductivity in crystalline films, p. 164.
 Yonnikov, S. V., Shul'man, I. A. - Filling of the electron shell of compressed atoms in a metallic model, p. 164.
 Zaimanlik, N. V. - Quantum energy levels of electronic excitations in the intermediate state of a superconductor, p. 168.
 Three-photon molecular scattering of light, p. 172.
 Okorokov, V. V. - Content evaluation of the optical spectra of atoms flying through a crystal, p. 175.
 Askar'ian, G. A. - Self-acceleration of ionizing particles in the electric field of a point electrode, p. 179.
 Ushakov, V. V. - The difference between χ_1 and χ_2 , p. 182.
 Chelkin, V. V., and others. - Change in the probability of the appearance of the Moshbauer effect on ^{57}Fe rapidly moving during a ferromagnetic phase transition in BaTiO_3 , p. 188.
 Veltikhina, T. S., Shmidt, O. A., Iakovlev, I. A. - Fine structure of the spectral lines of light scattered in cubic crystals, p. 189.
 Zakharov, V. I., Kudachov, A. B. - Relativistic generalization of SU(6)-symmetry and the generalization of baryon resonances, p. 192.
 Dal'yarov, O. D. - Isotopic structure of nuclear forces failing to maintain parity, p. 197.

14. MEDICINE

a. GENERAL

*AKADEMIYA MEDITSINSKIH NAUK SSSR [ACADEMY OF MEDICAL SCIENCES OF THE U.S.S.R.], Moscow, vol. 1, 1965.

Table of contents translated:

- Zharuk, I. B. - Significance of biochemical properties of the nuclear apparatus of the tumor cell in the pathogenesis of cancer, p. 3.
 Sedin, I. F. - Some aspects of the chemistry and metabolism of leukocytes and cancer cells, p. 16.
 Shapov, V. S. - Some controversial questions in the biochemistry of tumors, p. 22.
 Lartunov, I. P. - Some trends in the development of antineoplastic preparations, p. 26.
 Belousova, A. K. - Methods for increasing the active action of antineoplastic compounds, p. 34.
 Gaur, G. F. - Biochemical mechanisms of the action of antineoplastic antitumor in connection with the problem of the search for new active preparations, p. 40.
 Babitski, E. B., Parin, V. V. - Problems and methods of clinical physiology, p. 52.
 Anolun, G. A., Nikitin, L. V. - Comparative evaluation of physical factors in the effect of shock on the walls of functioning arterial vessels at the sites of their junction according to intraluminal and extraluminal principles, p. 63.
 Krymski, L. D., Volynskii, I. U. D. - Revision of the meaning included in the concepts of "tetrad," "pentad" and "trind" of Fallo, p. 70.
 Kovalev, V. A., Khmelovskii, I. A. M. - Effect of anesthetics and some hemodynamic disorders during anesthesia on the neuromuscular transfer of excitation and the action of muscle relaxants, p. 78.
 Stolanov, B. G. - Reproduction of clinical forms of allergic reactions following sensitization with a chemical allergen, p. 80.

Vol. 20, no. 10, 1965.

Table of contents translated:

- Iudaev, N. A. - Effect of corticosteroids and ACTH on the hypothalamic-adrenal cortex system, p. 3.
 Iudaev, N. A., Pankov, I. U. A. - Some aspects of the biosynthesis of steroid hormones in the adrenal cortex, p. 12.
 Kichkova, M. A. - Steroid hormones and atherosclerosis, p. 24.
 Dananov, V. G., Likhman, L. L., Solodovnikov, I. M. - Some fundamental problems of the pathogenesis of diabetes mellitus, p. 33.
 Raskin, A. M. - Autoimmune processes in diseases of the thyroid gland, p. 47.

- Potin, V.V. - Exophthalmic factor and its role in the genesis of ophthalmopathy associated with the diseases of the thyroid gland, p.58.
- Rachev, R.R. - Dissociation of oxidation from phosphorylation in cerebral mitochondria in thyrotoxicosis and its reversibility, p.68.
- Kilinski, E.L., Vysokii, I.F. - Genesis of electrocardiographic changes during a sugar test, p.72.
- Vladimirovskaya, E.B., Kiyanski, L.D. - Importance of autoradiography in the study of the kinetics of blood cells, p.78.
- Tait, N.S., Trangelov, V.A. - Results of the conference on the pathogenesis, clinical aspects, and therapy of diseases of the pancreas, p.83.
- * BULLE'TEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Issued by Akademiya meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.] Moscow, vol 69, no 9, Sep 1965
- Table of contents translated:
- Kabak, I.A.M., Basova, G.G. - Content of a factor stimulating the secretion of luteinizing hormone in the human hypothalamus and the posterior lobe of hypophysis, p.3
- Levashov, M.M. - Tonic reflex of the ocular muscles in rhythmic electric stimulation of the vestibular receptors, p.7.
- Khizon, M.V., Kopylova, F.V. - Effect of sensory stimulations on the "spontaneous" efferent activity recorded in the common nerve trunk in frogs, p.10.
- Adamovich, N.A. - Afferent effects from the urinary bladder on the hypothalamus, p.15.
- Pshenichnyi, I.P. - Physiological characteristics of the oculocardiac reflex in a slight pressure on the eye, p.20.
- Penchev, P.B. - Characteristics of acetylcholinesterase activity in antagonistic muscles in dog ontogeny, p.24.
- Sabirai, B.I., Kulik, I.U.I.A. - Enzymatic adaptation of gastric glands to meat proteins and gluten in simulated feeding, p.27.
- Gal'perin, I.U.M., Mikhnevich, E.G. - Level of the closing of the arc of the entero-enteral inhibitory reflex, p.30.
- Delevich, I.F. - Correlation of erythrocytes and plasma in the circulating blood during indirect cardiac massage, p.35.
- Anazhus, R., Khosleh, N. - Duration limits of reversible clinical death in some hibernating and non-hibernating animals at the body temperature of 0° and the possibility of an artificial prolongation of this state, p.38.
- Sennagin, V.N. - Conditioned response in rats irradiated with a single X-ray dose of 1 r in the period of prenatal development, p.43.
- Dumanekii, I.A.I., Lutsuk, N.B. - Nonspecific anti-hyaluronidase of the blood serum in rats with experimental hyper- and hypothyroidism, p.48.
- Lipovskii, S.M. - Effect of adrenalectomy, ACTH and hydrocortisone on the development of experimental gastric ulcer, p.48.
- Sukhtvelidze, T.S. - Mechanism of the water-salt in pathology of the liver, p.51.
- Ptenin, I.V., Subota, A.G. - Formation of gastric ulcer in rabbits under the effect of superhigh frequency irradiation of the epigastric region of the abdomen, p.55.
- Bokhov, B.B., Shipov, A.A. - Effect of repeated serial stimulations of the vestibular analyzer in rabbits on the quantitative relation of the duration of nystagmus to the value of negative angular acceleration, p.59.
- Pidovich, I.N. - Effect of some anesthetic substances on the chemoreflexes from the heart and lungs, p.63.
- Samoilovich, I.M. - Pharmacological analysis of structures sensitive to serotonin in the endings of the afferent nerves of the cornea, p.67.
- Siabro, P.I. - Effect of polarization of some regions of the brain on the form of apomorphine-induced vomiting in dogs, p.71.
- Kagan, G.I.A., and others. - Cultivation of Eaton's agent (*Mycoplasma pneumoniae*) on artificial culture media, p.75.
- Galkov, Kh.L. - Experience in experimental reproduction of allergen fungus allergy, p.78.
- Petova, N.N. - Study on the effect of physical and chemical agents on organospecific antigens of the brain tissue, p.80.
- Svet-Moldavskii, G.I.A., Gamburg, V.P. - Artificial heterologization of malignant tumors as the second principle of the immunological treatment of tumors, p.85.
- Butenko, Z.A., Morgunova, I.A.I. - Study on the properties of ribonucleic acid isolated from leukemic tissues of rats in tissue cultures, p.88.
- Umanekii, I.U.A., Kulik, G.I., Fedotovskaya, M.I. - Effect of antineoplastic immune serum on the content of sulfhydryl groups in tumoral tissue, p.91.
- Rovenski, I.U.A., Bukhman, V.M. - Effect of the ascitic fluid on the adhesion of ascitic tumor cells and L-fibroblasts to glass, p.95.
- Lavarev, A.F., Izotov, V.K. - Effect of antiserum to the growth hormone on Crocker's sarcoma, p.99.
- El'mov, F.A. - Completeness of repair in the regeneration of the skin in rats, p.102.
- Kudakovskiy, V.P., Kuntsevich, V.A. - Stimulation of the restorative processes by the method of trypsin and calcium chloride treatment of the surgical wound following amputation of external organs in mammals, p.106.
- Derdilashenko, A.A. - Regularities of the diurnal rhythm of mitotic cell division in the ocular sac and the presumptive ectoderm during the period of contact between them in chick embryos, p.109.
- Gorunova, M.P. - Submicroscopical structure of the thyroid epithelium under the effect of thyroxine, p.112.
- Kotov, I.U.B. - Stimulator generating preset impulse series, p.116.
- Nefedov, V.P., Krasovskii, F.V. - Method for continuous cultivation of suspended animal cells in a flowing system, p.119.
- Mikhlin, S.K. - Comparative sensitivity of some immunological methods for the determination of antibodies, p.122.
- KARDIOLOGIYA [CARDIOLOGY]. Issued by Ministerstvo zdoravookhraneniya SSSR [Ministry of Health of the U.S.S.R.], Moscow, no.3, 1965.
- Table of contents translated
- Parin, V.V., Baryskii, R.M., Gazonko, O.G. - Achievements and problems of modern space cardiology, p.3.
- Kurzhakov, N.A., Kirillov, S.A., Sel'dovskina, A.A. - Cardiac contractions in hypertensive and haematic patients, p.12.
- Dolabekhan, Z.L. - Quantitative evaluation of hyperfunction of the left ventricle in hypertension, p.18.
- Odina, Kh.M. - Pathological anatomy and pathogenesis of pulmonary hypertension in chronic insufficiency of the left ventricle caused by atherosclerosis and hypertension, p.22.
- Elina, E.V. - Comparative effectiveness of some new ganglionic blocking agents (piperidine derivatives) in the treatment of hypertension, p.28.
- Chiginskii, A.N. - Statistical data on the problem of symptomatic (renal (etiological) hypertension, p.34.
- Rudnikov, I.A.I. - Some pathophysiological problems in unstable intraventricular block, p.36.
- Belotserkovskii, Z.B. - Phonocardiography and systolic periods in extrasystole, p.41.
- Bazhenov, V.S. - Electrostimulation of the heart in total atrioventricular block in dogs, p.47.
- Migulova, L., and others. - Atrioventricular dissociation, p.52.
- Stupnikskii, A.A. - Plastic structure of cardiac contractions in patients with cardiac asthma, p.55.
- Detisk, I.U.I. - Neurohumoral factors in the blood of patients with chronic circulatory insufficiency, p.58.
- Gadzhiev, S.A., Mal'yshev, I.U.I. - Cardiac insufficiency following mitral commissurotomy, p.61.
- Silinskaya, Z. - Differentiation of electrical activity of the heart. Preliminary report, p.67.
- Biokhes, L.I. - Parasympathetic, p.72.
- Kolesin, N.S. - Capillary permeability and vitamin P deficiency in hypertension, p.75.
- Glezer, G.A. - Hemodynamic changes in aortic coarctation, p.79.
- Dimitrov, D., and others. - Rhythm disorders in intracardial V-type thrombus in the presence of patent ductus arteriosus, aortic coarctation and aneurysm of the pulmonary artery, p.79.
- Chervilakovskii, N.I.A., Vol'fson, T.I. - Hyaluronidase activity in the blood and urine in cardiac edema, p.81.
- Tatarkin, V.M. - Activity of lactic dehydrogenase and content of lactic and pyruvic acid of the blood in cardiac insufficiency, p.82.
- Pavlovskaya, N.I. - Use of synthetic angiotensin II in the treatment of acute hypotensive states, p.84.
- Spiridonova, M.V. - Changes of the P wave in electrocardiography following conversion of cardiac fibrillation to sinus rhythm in thyrotoxicosis patients treated with 131I and strontectomy, p.87.
- Spektor, A.M. - Hyperkinetic form of Adams-Stokes syndrome, p.88.
- Klets, R.L. - Conservative therapy of thromboembolism of the abdominal aorta near the bifurcation, p.89.
- Dashbalants, G.A., Brustlovskii, E.S., Kedrov, A.A. - Nomenclature and classification of myocardial diseases of various etiologies, apropos A.A. Kedrov's article, p.90.
- (DNLM)
- KAZANSKII MEDITSINSKII ZHURNAL [KAZAN MEDICAL JOURNAL]. Organ of Ministerstvo zdoravookhraneniya Tatarskoi ASSR and Sovet nauchnykh meditsinskikh obshchestv [Ministry of Health of the Tatar A.S.S.R. and the Council of Medical Societies] Kazan, no 5, Sep - Oct. 1965
- KLINICHESKAYA MEDITSINA [CLINICAL MEDICINE]. Published by Ministerstvo zdoravookhraneniya SSSR [Ministry of Health of the U.S.S.R.] Moscow, vol 42, no 12, Dec 1965 (DNLM)
- LENINGRAD, LENINGRADSKII INSTITUT EPIDEMIOLOGII I MIKROBIOLOGII IM. PASTERA, Trudy [LENINGRAD PASTEUR INSTITUTE OF EPIDEMIOLOGY AND MICROBIOLOGY, Transactions], Vol.24, 1963.
- Table of contents translated:
- Ansheles, I.M., and others. - Epidemiological characteristics of dysentery during a downward curve of the incidence in a large populated center, p.15.
- Ansheles, I.M., Kozlova, N.A., Sapozhnikova, V.A. - Sanitary-epidemiological and sanitary-demographic conditions and the effectiveness of compound sanitary and prophylactic measures in the prevention of dysentery. Report No.1: Sanitary-hygienic and sanitary-demographic differences in patients and in persons free from acute intestinal diseases during a 3-year follow-up period including an analysis of the focal character of acute intestinal diseases during the same period, p.54.
- Ansheles, I.M., Kozlova, N.A., Sapozhnikova, V.A. - Sanitary-epidemiological and sanitary-demographic conditions and the effectiveness of compound sanitary-prophylactic measures in the prevention of dysentery. Report No.2: Comparison of experimental and control areas according to combined symptoms, p.66.
- Ansheles, I.M., Kozlova, N.A., Sapozhnikova, V.A. - Sanitary-epidemiological and sanitary-demographic conditions and the effectiveness of compound sanitary-prophylactic measures in the prevention of dysentery. Report No.3: Comparative evaluation of morbidity and the effectiveness of sanitary-epidemiological measures in "experimental" and "control" areas, p.74.
- Ansheles, I.M. - Sanitary-epidemiologic and sanitary-demographic conditions and the effectiveness of compound sanitary-prophylactic measures in the prevention of dysentery. Conclusion, p.82.
- Ansheles, I.M., Kozlova, N.A., Sapozhnikova, V.A. - Epidemiologic significance of migration during the summer months in large populated centers, p.84.
- Avdeeva, T.A. - Study of some aspects of dysentery by means of qualitative microbiologic research, p.93.
- Avdeeva, T.A. - Data on immunological and quantitative microbiological characteristics of acute dysentery. Report No.1: Specific agglutination changes and quantitative microbiological characteristics in acute dysentery, p.113.
- Avdeeva, T.A. - Data on immunological and quantitative microbiological characteristics of acute dysentery. Report No.2: Specific protective properties of blood serum from patients with acute dysentery studied in experiments on animals, p.124.
- Avdeeva, T.A., Kariuk, S.E. - Data on immunological and quantitative microbiological characteristics of acute dysentery. Report No.3: Specific immunological changes detected during animal experiments ("pulmonary model") and quantitative aspects of isolating the pathogen from patients with acute dysentery, p.134.
- Avdeeva, T.A., Rapoport, M.A., Mentis, R.T. - Comparison of the results of standard and quantitative microbiological research methods in dysentery and the evaluation of possibilities of bacteriological diagnosis of dysentery in relation to the concentration of pathogens in the material under research, p.141.
- Avdeeva, T.A. - Quantitative microbiologic study in the evaluation method of the effectiveness of culture media used in the diagnosis of dysentery, p.148.
- Idina, M.S. - Quantitative microbiological study as a method for the evaluation of the effectiveness of various disinfection methods used in dysentery, p.163.
- Novgorodskaya, E.M., Grinberg, L.D. - Principles and some controversial problems in the classification of dysentery bacilli, p.183.
- Grinberg, L.D. - Data on the biology and classification of dysentery bacilli. Report No.1: Analysis of cultures of Flexner bacillus type A and their comparison with standard cultures of Flexner bacillus type B4 of foreign collections, p.210.
- Grinberg, L.D. - Data on the biology and classification of dysentery bacilli. Report No.2: Analysis of cultures of Flexner's bacillus type B2 and their comparison with cultures of Flexner's bacillus type C and B, p.218.
- Grinberg, L.D. - Data on the biology and classification of dysentery bacilli. Report No.1: Analysis of cultures of Flexner's bacillus type D, p.228.
- Grinberg, L.D. - Data on the biology and classification of dysentery bacilli. Report No.4: Analysis of the group components of Flexner's bacilli, p.242.

- Grinberg, L.D. - Data on the biology and classification of dysentery bacilli. Report No. 5. Thermophilic infections in subgroups of Flexner's bacilli. p. 252.
- Grinberg, L.D. - Data on the biology and classification of dysentery bacilli. Report No. 6. Enzymatic types of Shigella bacilli. p. 259.
- Grinberg, L.D. - Data on the biology and classification of dysentery bacilli. Report No. 1. Characteristics of the antigenic structure of Shigella flexneri. p. 268.
- Grinberg, L.D. - New trends in the study of the biology of dysentery bacilli, a review of literature. p. 274.
- Kavtandro, K.N. - Same rate serotypes of dysentery bacilli isolated from monkeys. p. 295.
- Mogorodskaya, E.M. - Means and prospects of studying nonspecific acute intestinal diseases. p. 299.
- Index of I.M. Anshel's scientific works. p. 305.
- * MEDITSINSKAYA RADIOLOGIYA [MEDICAL RADIOLOGY]. Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 10, no. 9, Sep. 1965.
- Table of contents translated
- Agranat, V.Z., Dar'yalova, S.L. - Radioisotope diagnosis of malignant tumors of the parotid gland. p. 3.
- Zukovskiy, G.A., Mal'chukenko, V.A. - Study on the state of the routes of lymphatic outflow from the breast by means of colloid Au¹⁹⁸. p. 6.
- Mozhurova, E.N., Kucherova, L.D. - Significance of radioisotope examination of the thyroid gland for the selection of treatment of acromegaly. p. 16.
- Lindenbraten, L.D., Iudin, L.A. - Excretion of J³¹ by the salivary glands in some diseases of the gastrointestinal tract. p. 20.
- Antandrov, B.V., Bykhovskaya, A.M. - Regional radiometry of thyroid gland tissue in various forms of goiter. p. 23.
- Prostakow, K.M., Nesterova, A.P. - Functional state of the thyroid gland in peptic ulcer. p. 27.
- Shvachenko, T.P. - Use of J¹³¹-labelled thyroxine and triiodothyronine for the determination of the functional state of the thyroid gland. p. 31.
- Satsuk, M.S., Gel'man, G.T. - Diagnosis of intracranial metastases of thyroid cancer. p. 36.
- Frenkel', V.Kh., Kirovskaya, M.V. - Isotope radiography using J¹³¹-labelled hippuran and J¹³¹-labelled cardiostat in urolithiasis. p. 39.
- Khodarev, N.N., Kramer, A.A. - Clinical use of J¹³¹-labelled cardiostat for separate functional examination of the kidneys. p. 43.
- Roghnikhi, A.N., Khodarev, N.N., Kramer, A.A. - Scanning of the kidneys with Hg²⁰³-labelled neohydrine, an experimental study. p. 47.
- Tsfasman, A.Z., Meshine, E.N. - Use of Cr⁵¹ for the study of erythrocyte survival in cancer of the stomach. p. 50.
- Meshine, E.N. - Survival of erythrocytes in anemia caused by renal insufficiency, a study by means of the Cr⁵¹ method. p. 54.
- Meshine, E.N. - Duration of the life of erythrocyte in liver cirrhosis, a study by means of Cr⁵¹. p. 57.
- Rialukhin, I.U.S., Kapeiko, F.F. - Theoretical substantiation of the systolic discharge using the radioisotope method. p. 62.
- Mel'chuk, I.P., Uskov, I.A. - Critical evaluation of the method of radioisotope diagnosis of diseases of the breast using P³². p. 68.
- Komov, B.A., Mel'chuk, I.P., Uskov, I.A. - Significance of the radioindication method using P³² in complex diagnosis of cancer of the facial skin. p. 75.
- Likhonosov, V.N. - Use of lead collimator for the examination of the permeability of skin lymphatic capillaries by means of J¹³¹-labelled albumin. p. 83.
- Khrapla, F.P. - Use of a scintillating transmitter with a set of fittings in the diagnosis of some malignant neoplasms. p. 85.
- L'vova, M.A., Bochkarev, V.V. - Imitators of short-living iodine isotopes. p. 90.
- Aleksandrov, S.N., and others. - The 9th Congress of Roentgenologists of the German Democratic Republic held jointly with the Society of Biophysicists. p. 92.
- * MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Razdel [Section] 1, vol. 9, no. 9, Sep. 1965. Razdel [Section] 2, vol. 9, no. 9, Sep. 1965. Razdel [Section] 3, vol. 9, no. 10, Oct. 1965. Razdel [Section] 6, vol. 9, no. 9, Sep. 1965. Razdel [Section] 7, vol. 9, no. 9, Sep. 1965. Razdel [Section] 8, vol. 9, no. 9, Sep. 1965. Razdel [Section] 10, vol. 9, no. 9, Sep. 1965. Razdel [Section] 11, vol. 9, no. 10, Oct. 1965. Razdel [Section] 13, vol. 9, no. 10, Oct. 1965.
- MEDITSINSKII ZHURNAL UZBEKISTANA [MEDICAL JOURNAL OF UZBEKISTAN]. Issued by Ministerstvo zdravookhraneniya i Akademii nauk UzSSR [Ministry of Health and the Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 10, Oct. 1965.
- MOSCOW, PIRVYI MEDITSINSKII INSTITUT, Trudy [FIRST MEDICAL INSTITUTE, Studies]. Vol. 38, 1965. Pathology of the spine and spinal cord.
- Table of contents translated
- Tatarinov, V.G., Il'ina, N.A. - Spondylous segment and its content. p. 11.
- Kirzhichev, M.A. - Functions of the cervical part of the spine in healthy persons in the X-ray picture. p. 21.
- Makarova, E.V., Kolomoitseva, I.P., Rotenberg, V.S. - Modern concepts of the blood supply in the spinal cord. p. 27.
- Iger, I.M. - Compressive factors in cervical osteochondrosis and the principles of clinical classification. p. 41.
- Shtul'man, D.R., Kolomoitseva, I.P. - Clinical aspects of discogenic cervical myelopathy. p. 67.
- Mikheev, V.V., Shtul'man, D.R., Grushina, A.G. - Clinical anatomical analysis of a case of discogenic cervical myelopathy with a pattern of amyotrophic lateral sclerosis. p. 117.
- Iger, I.M., Shtul'man, D.R. - Protrusion of thoracic intervertebral disks. p. 128.
- Aref'eva, V.N. - Degenerative changes in the spine and radicular pain. p. 143.
- Makarova, E.V. - Paralytic forms of ischias. p. 147.
- Iavchunovskaya, M.A., Kuiz, R.A. - Vertebral-basilar insufficiency in cervical osteochondrosis. p. 160.
- Il'ina, N.A., Iakushina, V.M. - Atactic syndrome as sequela of vertebral artery insufficiency in cervical osteochondrosis. p. 169.
- Kolomoitseva, I.P., Makarova, E.V. - Spinal insult in osteochondrosis of the spine. p. 176.
- Vein, A.M. - Vegetative disorders in osteochondrosis of the spine. p. 197.
- Galle, R.R. - Olfactory symptoms in cervical osteochondrosis. p. 203.
- Shifrin, S.S. - X-ray examination in cervical osteochondrosis. p. 211.
- Pudova, N.P. - Involuntary functional changes of the cervical part of the spine in the X-ray picture. p. 221.
- Shtul'man, D.R., and others. - Clinical and roentgenological correlations in discogenic cervical myelopathy. p. 235.
- Ruminansev, I.U.V., Shifrin, S.S. - Myelography in discogenic cervical myelopathy. p. 247.
- Luk'ianov, M.V. - Electromyographic examination in discogenic cervical myelopathy. p. 259.
- Grushina, A.G. - Histopathology of hernias of the lumbar disks. p. 277.
- Lipunova, P.V. - Rheovasography as a method of control in the treatment with diadynamic currents of the pain syndrome following surgery for hernia of lumbar disks. p. 281.
- Iger, I.M. - Surgical treatment of cervical osteochondrosis. p. 284.
- Iger, I.M., and others. - Results of surgical treatment of discogenic cervical myelopathy. p. 318.
- Makarova, E.V. - Surgical treatment of protrusions and prolapses of the intervertebral disks in the lumbar region. p. 342.
- Lipunova, P.V. - Use of diadynamic currents in the pain syndrome following surgery for hernia of the lumbar disks. p. 353.
- Lipunova, P.V. - Use of ultrasound in the pain syndrome. p. 356.
- Par'ymonov, L.V., Kolomoitseva, I.P. - Neurological complications of craniovertebral anomalies. p. 363.
- Gorbacheva, F.E. - Congenital arthralgia yiposis of the spine. p. 377.
- Mel'nikov, S.A., Gorbacheva, F.E. - Kyphoscoliosis in diseases of the spinal cord in children. p. 382.
- Shtul'man, D.R. - Syndrome of amyotrophic lateral sclerosis of spondylogenic nature in a 14-year-old girl. p. 386.
- Blagoderzhidina, L.G. - Clinical aspects of traumas of the cervical part of the spine and spinal cord. p. 391.
- Iger, I.M., Makarova, E.V. - Spinal epidural abscesses. p. 401.
- Nechayeva, N.G. - Neurological complications in tuberculous spondylitis. p. 437.
- Iakushina, V.M. - Pain syndrome in Bechterew's disease. p. 448.
- Mikheev, V.V. - Vertebral osteolysis. p. 453.
- Lukacher, G.I.A. - Ankylosing spondylitis (Forestier's disease). p. 459.
- Rivina, E.I.U., Bel'skaya, I.L., Morozova, E.A. - Some characteristics of the clinical aspects in tumors of the spine. p. 465.
- Morozova, E.A. - Spinal manifestations in Rustitskiy's disease. p. 472.
- Mitneva, V.K. - Hemangioma of the spine in childhood. p. 477.
- Index of the literature. p. 483.
- PROBLEMY TUBERKULEZA [PROBLEMS OF TUBERCULOSIS]. Published by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 7, 1964.
- Table of contents translated
- Shlova, M.V. - Detection of pulmonary tuberculosis in persons in whose families children show a positive reaction to tuberculin. p. 3.
- Grodzovskaya, Z.I. - Methodology for the detection of tuberculosis in children and adolescents. p. 7.
- Shustskaya, E.I., and others. - Epidemiological significance of avian tuberculosis. p. 10.
- Puchkov, V.V., Chernitskii, G.I. - Primary drug resistance of Mycobacterium tuberculosis in patients with pulmonary tuberculosis. p. 14.
- Korotchenko, V.T. - Treatment of tuberculosis patients expectorating Mycobacterium tuberculosis resistant to antibiotics. p. 17.
- Bekhin, N.N. - Biochemical indices in the clinical aspects of pulmonary and extrapulmonary forms of tuberculosis. p. 21.
- Vasil'eva, O.G., Kirim, V.V. - Disorders of serum protein fractions and of some indices of liver protein function in primary tuberculosis in children. p. 30.
- Lorovan, M.G. - C-reactive protein as a criterion of the activity of pulmonary tuberculosis. p. 31.
- Vainshtek, V.Z. - Determination of C-reactive protein in patients with minor forms of pulmonary tuberculosis. p. 37.
- Duchkin, L.I. - Dynamics of the content of staphylococci in the blood in various forms of tuberculosis. p. 39.
- Gil'man, A.G., Petrasovskii, A.I. - Dynamics of the correlations of serum protein fractions following resection of a segment of lobe of the lung in tuberculosis, chlorochemical parallels. p. 41.
- Dantsig, I.I. - Fibrogen content of the plasma in patients with pulmonary tuberculosis and with non-tuberculous lung diseases. p. 46.
- Lemich, A.V. - Significance of ureopapin determination in patients with nontuberculous. p. 51.
- Koval'chuk, A.A. - Comparative evaluation of the adrenal cortex function in patients with siderotic tuberculosis and pulmonary tuberculosis. p. 51.
- Srenkovesky, B., Shultz, I. - Sympathectomy in tuberculous gonitis. p. 59.
- Solov'ev, V.N., Zueva, V.S. - Changes in the activity of Mycobacterium tuberculosis in animal organisms to chemotherapy. p. 63.
- Dolzhanov, V.M. - Correlation between glycolytic resistance of acid-fast microbacteria and their catalase activity. p. 67.
- Vul', S.M. - Study on the nutrient structure of mycobacteria by a double agar diffusion method. p. 72.
- Shenderova, R.I. - Effect of mouse serum and its fractions on the catalase activity of Mycobacterium tuberculosis. p. 77.
- Kucheryavii, E.Kh. - Pyrogen in the pathogenesis and treatment of experimental osteoarticular tuberculosis. p. 79.
- Poddubnaya, E.M. - Diagnostic difficulties in a case of bronchial cyst of the lung. p. 87.
- Vins, A.B. - Technique of preparing tuberculin solutions. p. 89.
- Bludiz, I.A. - Tuberculous arthritis. p. 99. (DNLM)
- REFERATIVNYI ZHURNAL MEDITSINSKAYA GEOGRAFIYA (Otdel'nyi vypusk 30) [JOURNAL OF MEDICAL GEOGRAPHY (Separate Issue 30)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, 11, 12, 13, Nov. 1965. Predmetnyi i Geograficheskii ukazatel' za 1964 g. [Subject and Geographical Indexes for 1964].
- RYAZAN, MEDITSINSKII INSTITUT, Nauchnye trudy [MEDICAL INSTITUTE, Studies]. Vol. 11, 1960. Problems of oncology.
- Table of contents translated
- Matsuev, I.E. - Study and surgical treatment of cancer of the principal localizations. p. 3.
- Tsybul'skii, B.A. - X-ray diagnosis of peripheral cancer of the lungs. p. 9.
- Vergul', P.P. - Incidence of lung cancer in Ryazan Province. p. 24.
- Turkina, G.V. - Primary cancer of the lungs. p. 30.
- Lukhnykh, A.K. - Fibroendothelioma of the posterior mediastinum. p. 35.
- Kudarevskii, M.V. - Sympathetic ganglionectomies of the posterior mediastinum. p. 39.
- Blizukov, V.I. - Incidence of stomach cancer in Ryazan Province in the last 15 years. p. 43.
- Ganchevko, L.I. - Isolated hypertrophy of gastric mucosa and its diagnostic differentiation for a cancerous tumor. p. 47.
- Smol'nova, A.A. - Hepatic syndrome as a "mask" of cancer of the stomach. p. 55.
- Slepanova, I.U.N. - Causes of inoperability of cancer of the stomach. p. 60.
- Zakharov, S.N., Kostyleva, N.N., Kuzhakov, V.I. - Comparative evaluation of the course of the postoperative period in patients undergone stomach surgery for cancer and peptic ulcers. p. 63.
- Ponina, V.B. - Changes in the blood of patients following a stomach resection for cancer. p. 70.
- Veslovzorova, M., Petrlakova, G. - Changes in the function of the pancreas following stomach surgery for cancer and other diseases. p. 74.
- Lukhnykh, A.K. - Polyps of the stomach and their transformation into cancer. p. 79.
- Ushkalov, A.F. - Causality of the combination of various malignant tumors. p. 86.
- Zakharov, N.A. - Two tumors of the stomach. p. 90.

- Zakharov, N.A. - Intracranial metastasis of cancer of the stomach. p. 91.
- Ivanov-Pal'mov, O.V. - Diagnosis and treatment of leiomyomas of the stomach. p. 98.
- Zakharov, N.A. - Fistulas between the stomach and the large intestine as a complication of stomach cancer. p. 100.
- Stepanova, I.I. - Sarcoma of the stomach. p. 112.
- Kochetkov, I.G. - Case of simultaneous lesions of the stomach due to cancer and tuberculosis. p. 115.
- Miasnikova, M.N. - Diagnosis of cancer of the stomach in pregnant women. p. 119.
- Marandov, N.A. - Diagnosis of cancer of the esophagus and the cardia. p. 125.
- Lukhnyk, A.K. - Causes of late diagnosis of primary cancer of the liver and the bile ducts. p. 135.
- Turishvili, G.V. - Primary cancer of the liver. p. 146.
- Gurtovoi, I.I.A. - Resection of liver due to primary cancer. p. 150.
- Ostrov, V.I.A. - Spontaneous rupture of the liver in cancer. p. 153.
- Chludskov, N.D. - Portal pressure in peptic ulcers and cancer of the stomach. p. 158.
- Ogus, I.I.A. - Surgery in cancer of the pancreas. p. 161.
- Kulakovskii, M.V. - Neuroinoma of the pancreas. p. 168.
- Bukhin, L.P. - Causes of late diagnosis of cancer of the large intestine. p. 171.
- Bukhin, L.P. - Immediate and late results of operative treatment of cancer of the large intestine and the rectum. p. 178.
- Lukhnyk, A.K. - Polyps of the large intestine. p. 182.
- Sulimov, V.E. - Cancer of the cecum. p. 186.
- Zakharov, N.A. - Teratoid tumors of the sacrococcygeal region. p. 190.
- Goldin, I.U.A. - Causes of neglect in cancer of the breast. p. 200.
- Ponomareva, V.I. - Cutaneous vascular formations in newborn infants. p. 201.
- Ponomareva, V.I. - Partial gigantism in diffuse hemangiomas. p. 206.
- Ponomareva, V.I. - Treatment of hemangiomas of the tongue by suturing. p. 212.
- Smirnov, G.N. - Surgical treatment of cancer of female generative organs. p. 215.
- Smirnov, G.N. - Devising a classification system of cancer of the cervix uteri in the light of the reactivity of the organism. p. 224.
- Kuz'minov, V.A. - Prophylaxis of cancer of the cervix uteri treating erosions by duodenal diathermocoagulation. p. 232.
- Kotel'nikov, V.P. - Tumors of the parotid gland. p. 238.
- Naumkina, R.P., Avdeev, I.I. - Malignant neoplasms in children. p. 247.
- Dmitriyeva, N.V. - Fever in patients with cancer. p. 251.
- Beliaeva, L.S. - Cancer of the urinary bladder based on materials of the urological department of the Ryazan Province Clinical Hospital. p. 260.
- Atemkina, N.I. - Nerves in the kidneys with malignant tumors. p. 260.
- TSybul'skii, B.A. - Clinical and X-ray characteristics of radcliff sickness in patients undergoing radiotherapy. p. 265.
- Skotnikov, V.I. - Results of diagnosis and radiotherapy of osteoblastoclastomas (giant cell tumors). p. 272.
- Zablon'skaya, D.L. - X-ray therapy of lymphosarcomas of the palatine tonsils. p. 287.
- Bukl'menko, R.B. - Relation of the carcinolytic properties of serum to the functional state of the central nervous system. p. 290.
- Dashlatalants, G.A. - Clinical classification of carcinosis of the bone marrow. p. 297.
- Bollakova, M.M. - Treatment of the Rushtskii-Kahler disease with sarcosine. p. 307.
- Shatlova, T.A. - Clinical aspects and histology of melanoblastomas of the uveal tract, vascular membrane of the eye. p. 313.
- Khachaturova, N.K. - Diagnosis of intraocular tumors. p. 322.
- Voionkin, G.V. - Causes of death from malignant neoplasms based on materials of medicolegal expertise in Ryazan Province. p. 329.
- Kotlar'skii, P.Z. - Errors and difficulties of diagnosing malignant neoplasms. p. 335.
- Lapina, V.F. - Growth of an implanted malignant neoplasm in white mice during fasting. p. 339.
- Marandov, N.A. - Histopathology of the trunk of the vagus nerve and the nerve ends in a cancerous tumor. p. 346.
- Dashlatalants, G.A. - Unique localizations of cancer stimulating aortic aneurysms. p. 358.
- Atanas'eva, V.A. - Clinical characteristics of the course of lymphogranulomatosis in children. p. 361.
- (DNLM)
- SOVIETSKAYA MEDITSINA [SOVIET MEDICINE]. Organ of Ministerstva zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 28, no. 3, Mar 1965.
- Table of contents translated:
- Kuz'michev, A.P., Solov'eva, I.P. - Plastic bronchial surgery in benign tumors. p. 3.
- Shuklin, B.G. - Methodology of transbronchial aspiration puncture of bifurcation lymph nodes under intravenous anesthesia with the use of muscle relaxants. p. 7.
- Sluchkov, V.I., Fedorov, D.P., Vol'-Lipshteyn, G.L. - Nontuberculous spontaneous pneumothorax. p. 10.
- Berzov, I.I.E., and others. - Diagnosis of occlusive lesions of the branches of the aortic arch. p. 15.
- Rubinsvskii, B.R. - Treatment and prevention of seizures of pyroxydial myocardial. p. 21.
- Koval'dina, O.A. - Clinical electrocardiographic picture of a total atrioventricular block. p. 28.
- Peistashinov, L.S., Pevai-Koshits, K.V. - Role of thrombogenesis in the process of cessation of hemorrhage in labor. p. 30.
- Iudin, Z.P. - Characteristics of corticosteroid metabolism in gynecological surgery. p. 66.
- Volkovskaya, M.N. - Treatment of late pregnancy toxemias. p. 72.
- Rybakov, N.F. - Ten-year experience with the use of solidol ointment in psoriasis. p. 76.
- Gibenev, A.L. - Esophagographic diagnosis of hiatus hernia. p. 78.
- Piotnikov, V.I. - Mechanism of anti-inflammatory effects of corticosteroids in epidemic hepatitis. p. 83.
- Kazantsev, A.P. - Effect of cholecystitis and angiocholitis on the course of typhoid and paratyphoid diseases. p. 85.
- Pecherskii, M.B. - Diuretic effects of progesterone. p. 33.
- Lobko, A.F. - Diagnostic role of punctate biopsy on the surgical table in diseases of abdominal organs. p. 36.
- Ivanov, V.A., Afanov, I.U.P., Goldin, V.A. - Complications following radical surgery in cancer of the stomach and esophagus. p. 40.
- Khutina, S.B., Rudnikskaya, E.I., Kudashova, L.P. - Clinical aspects of primary duodenal cancer. p. 45.
- Ostrov, P.I., Tarasova, A.S., Berenshteyn-Kocher, R.A. - X-ray therapy in acute pancreatitis. p. 47.
- Boron, P., Prokopenko, D. - Correlation between changes in transaminases and glucosamine in the blood serum in liver diseases. p. 50.
- Ketladze, E.S., and others. - Parainfluenza diseases in adults, clinical aspects and diagnosis. p. 53.
- Suchkov, A.V., Demidov, A.T. - Development of gastric and duodenal ulcer in chronic nonspecific diseases of the lungs. p. 60.
- Gurevich, M.A., Makhtayev, N.V. - Intravital diagnosis of a rupture of dissecting aneurysm of the thoracic aorta. p. 64.
- Khomakov, I.U.S. - Substitutions in infectious nonspecific polyarthritis. p. 67.
- Pikulina, K.G. - Clinical significance of dynamic tests on duodenal contents in children. p. 101.
- Lukacher, G.I.A., Fal'chuk, A.I.A., Zhmoteva, E.A. - Medical expertise of the capacity for work and rehabilitation of persons following surgery for hernia of an intervertebral disk and hyperostrophy of the Integument flavum of the lumbar region. p. 104.
- Smirnov, I.P. - Dercum's syndrome. p. 108.
- Lobzin, V.S. - Myasthenia in various areas of clinical medicine. p. 110.
- Diukhina, L.G., Abazova, I.G. - Treatment of eosinophilic granulomas of the cranial vault. p. 115.
- Mafatskaya, A.I. - Clinical aspects and therapy of Addison's disease. p. 119.
- Varslavskiy, A.L. - Indication of the diphenylamine reaction in healthy persons. p. 125.
- Vodobuev, N.N. - Course of acute appendicitis in meninges. p. 125.
- Lishko, A.A. - Experience with radical surgery in pulmonary tuberculosis. p. 127.
- Abramova, N.A. - Phonocardiographic data on the 3rd and 4th cardiac sound in rheumatic carditis. p. 130.
- Zhuravlev, E.V. - Outpatient treatment of acute lumbar radiculitis by means of diadynamic Smalkina, M.G. - Calcified foci of the brain in chronic acquired toxoplasmosis. p. 140.
- Brief news. p. 142.
- Kantshchikov, P.A. - Gastric biopsy data on the histopathology of chronic gastritis. p. 147.
- Treiman, V.V. - Clemens Pirquet, and outstanding figure in Austrian medicine. p. 151.
- Mirskii, M.B. - Medical literature concerning the organization of military medical services of the Red Army (1918-1920). p. 154.
- SOVETSKOE ZDRAVOOKHRANENIE [SOVIET HEALTH SERVICE]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 24, no. 10, 1965.
- Table of contents translated.
- TSargordzhiev, G.I., Zhirnov, V.D. - Methodological and social problems of modern medicine. p. 3.
- Sadykova, E.A. - Social and hygienic aspects of the study of the population's health. p. 9.
- Moskvin, B.M. - S.M. Kirov on the destructive influence of capitalist exploitation and inadequate material conditions on the health of the working masses (according to materials of the revolutionary journalism during 1909-1917). p. 14.
- Shoshin, A.A. - Present state and tasks of medicogeographic investigations. p. 18.
- Bagdasarian, S.M. - Improving profoundly medical scientific information. p. 22.
- Tarasov, K.F., Sobolevskii, G.N. - Classification and nomenclature of diseases and causes of death. p. 28.
- Grimin, O.V. - Questionnaire method of investigating living conditions and health. p. 34.
- Lavrova, I.G., Galkin, V.A. - Method of statistical analysis of the clinical results of various methods of treatment. p. 39.
- Rutova, V.N. - Methodological problems in processing medical data by the use of an electronic computer with an alphabetical-digital input. p. 42.
- Kleiza, V. - Achievements of the public health service in Soviet Lithuania. p. 49.
- Zingra, F.Kh., Gidushka, E.P. - Aid to the practical implementation of public health service. p. 53.
- Maizels, V.S. - Dispensary observation of the population of Mukachevo. p. 55.
- Mal'tsev, I.T. - Results of reducing the incidence of chronic dysentery. p. 57.
- Zhuikov, P.I.A. - Medical aid to shepherds in seasonal pastures. p. 59.
- Ashtchikov, V.K. - Results of total immunization against tuberculosis of the population in the individual districts of the Udmurt A.S.S.R. p. 61.
- Izrael, A.M. - Economics and public health service, concerning I.V. Pastov's article "How to improve Soviet public health economics." p. 62.
- Sagalov, R.S. - Fundamental stages of the development of public health service in Uzbekistan. p. 64.
- Fridman, E.P. - N.A. Semashko's concern for the development of experimental medicine in the U.S.S.R., on the 40th anniversary of the decision on the founding of a scientific monkey farm in the U.S.S.R. p. 69.
- Nesterenko, A.I. - Concerning an unknown article by Z.P. Solov'ev. p. 73.
- Delov, S.V. - From the history of the publication of Russian medical literature. p. 76.
- Kobakidze, T.A. - Training of medical personnel in the developing countries of Africa. p. 82.
- Gluzov, A.M. - Social factors and the distribution of mental diseases, according to materials of U.S.A. literature. p. 87.
- Petrov, B.D. - 10th International Congress on the History of Medicine. p. 101.
- TASHKENT GOSUDARSTVENNIY MEDITSINSKIY INSTITUT [Shornik nauchnykh trudov [STATE MEDICAL INSTITUTE Papers] Vol. 22, 1962.
- Table of contents translated:
- Siepkova, T.S. - Treatment of pulmonary and cardiac insufficiency. p. 3.
- Siepkova, T.S. - Prevention of pulmonary and cardiac insufficiency. p. 9.
- Chatskii, M.F., Eshimov, N. - Atypical course of a myocardial infarct. p. 10.
- Prigozhin, I.A. - Pathobiology of the myocardium in the decompensation of cor pulmonale. p. 25.
- Kulikov, A.A. - Changes in the reticular Golgi apparatus of the intervertebral nerve ganglia in acute gastrointestinal infections. p. 32.
- Umidova, Z.I., Kuz'menko, O.A. - Changes in the cholesterol and lecithin content in the blood of patients with atherosclerosis according to the stages of the disease. p. 36.
- Rozhkova, M.S. - Changes in the oxidation-reduction processes in recurrent rheumatic endocarditis. p. 44.
- Jambayeva, Kh.I. - Changes in the electrocardiogram in rheumatic fever. p. 51.
- Kuznetsova, O.K. - State of the vegetative nervous system in true rheumatic fever and infectious polyarthritis. p. 60.
- Iul'dashova, S.N. - Rheumatic fever in children in the rural areas of Uzbekistan. p. 66.
- Eletskaia, Z.I.A. - Subarachnoid hemorrhages as a result of the rupture of an aneurysm of the vessels of the base of the brain in hypertension and endocarditis. p. 72.
- Dzhafarov, A.D., Ganiev, U.G., Nevskii, M.V. - State of the cardiovascular system in some infectious diseases. p. 83.
- Sadykov, A.S., Karieva, R.M. - Reflex influences from the duodenum on the cardiovascular system of animals under conditions of high environmental temperature and dehydration of the organism. p. 87.
- Ryzhik, D.L., Vasserman, D.M. - Course and treatment of calarrha of the upper respiratory tracts and nonspecific pneumonia in children. p. 94.
- Nadzhmiddinov, T.Kh. - Eradication of infectious diseases in Uzbekistan. p. 100.
- Chernova, V.P., Il'ina, T.S. - Some clinical and laboratory parallels in influenza during the winter outbreak in 1959. p. 109.
- Kalmykov, B.N., and others. - Pneumonia in patients with influenza during the winter outbreak in 1959. p. 110.
- Aleksandrova, L.S. - Characteristics of the course of pneumonia in children according to materials of the United Clinical Children's Hospital No. 15 for 5 years. p. 125.

- Ignatova, O. F. - Course of pneumonia in very young children with rickets and the variability of alkaline phosphatase. p. 134.
- Kanzafaiyeva, D. A. - Some metabolic processes in patients with sprue. p. 141.
- Kanzafaiyeva, D. A. - State of vitamins in sprue under the influence of a compound therapy. p. 150.
- Katsenovich, A. L., Khavina, E. B. - Treatment of dysentery with a combination of antibiotics in small concentrations. p. 156.
- Dzhafarov, A. D., Dzhalilov, K. D. - State of some liver functions in patients with brucellosis treated with antibiotics. p. 164.
- Midzhidov, V. M. - Clinical aspects of residual phenomena following the recovery from brucellosis. p. 170.
- D'akonov, M. I. - Characteristics of the clinical course of bacterial dysentery in relation to age-related reactivity, clinical aspects of dysentery in senility. p. 179.
- Gretsova, A. A., Ganiev, U. G. - Results of treatment of nonrecurrent typhoid fever. p. 185.
- Nadzhiddinov, T. Kh., Shymusidinova, A. G. - Comparative evaluation of the effectiveness of treating Botkin's disease with ASK-41 and glucose. p. 191.
- Khuzuris, S. D. - Role of blood circulation insufficiency in the transition of epidemic hepatitis in children into a chronic form. p. 197.
- Iunusova, Kh. A., Loginova, N. S., Ginsburg, G. M. - Clinical and epidemiological characteristics of epidemic hepatitis in children. p. 203.
- Loginova, N. S., Abagiants, V. S. - Combined therapy for Botkin's disease in children. p. 212.
- Dmitrova, R. I., Libetskaya, M. Z. - State of vascular permeability following the introduction of various tuberculin in an experiment. p. 220.
- Gasparyan, E. I. - Tuberculosis of the eyes combined with tuberculosis of the lungs and other organs, based on materials of the eye clinic of the Tashkent State Medical Institute for the 10 years from 1948 to 1959. p. 234.
- Dolina, G. V. - Exudative pleurisy and its role in the development of pulmonary tuberculosis. p. 239.
- Gasparyan, E. I. - Present-day therapy of tuberculous uveitis. p. 244.
- Rizae, M. - Prognostic importance of the morphology of the caverns of resected lungs in patients with tuberculosis. p. 253.
- Rizae, M. - Morphology of the caverns of resected lungs in antibacterial treatment and collapse therapy. p. 261.
- Kharatova, A. S., Abdulova, R. G. - Late sequelae of epidemic hepatitis in children. p. 273.
- Turapov, M. T. - Vitamin B2 (riboflavin) metabolism in epidemic hepatitis in children. p. 278.
- Iunusova, Kh. A., Abagiants, V. S. - Use of the preparation ASK-41 in treating Botkin's disease in children. p. 284.
- Kosolapova, M. A. - Pigment metabolism in epidemic hepatitis in children. p. 291.
- Nazarmukhamedov, F. Kh. - Protein fractions of the blood serum in healthy children aged 15 days to 15 years. p. 300.
- Volynskii, A. S., Gul'mirzaeva, I. K. - Detailed elaboration of isotopic indication of proteins. p. 310.
- Volynskii, A. S., and others. - Salting-out method of isolating the serum protein peroxidin. p. 319.
- Selutina, M. G. - Effect of reserpine and gendron on the incorporation of labeled amino acids into proteins of various parts of the central nervous system. p. 325.
- Khadzhiev, K. Kh. - Physicochemical and immunological characteristics of the individual proteins of antidiabetic serum. p. 330.
- Kartushina, L. I., Damkas, Kh. M. - Effect of antibiotics on diphtheria bacilli in mixed and pure cultures. p. 338.
- Kartushina, L. I. - Characteristics of streptococci isolated from diphtheria patients. p. 344.
- Kadyrova, M. K. - Study of the biochemical and serological properties of paratyphoid bacilli as compared with their phage types. p. 348.
- Sharipov, M. K., Mlasnikova, D. E., Murzova, V. P. - Incidence of scarlet fever in Tashkent (1947-1957). p. 355.
- Magrupov, A. I., Kasymkhodzhaev, E. S., Atimov, V. A. - Clinical and anatomical characteristics of poliomyelitis. p. 360.
- Dolinskaya, K. N. - Mycosis in antibacterial therapy. p. 371.
- Goldberg, L. N. - Histology of the solar plexus in peritonitis. p. 382.
- Kel'ginbaev, N. S. - Brief outline of the history of the study of cardiac glycosides. p. 384.
- Sultanov, T. G. - Effect of the nervous system on the activity of cardiac glycosides. p. 393.
- Sultanov, T. G., El'kind, L. A. - Comparative activity of some cardiac glycosides isolated from the plants of Uzbekistan. p. 397.
- Kel'ginbaev, N. S. - Clinical study of glycosides derived from the seeds of *Cochorus olitorius*. p. 402.
- Bulin, N. A. - Distribution of spore-containing ants in the flora of Central Asia. p. 411.
- Tullaganov, N. - Effect of *Trichodesma incana* and some of its alkaloids on the vegetative nervous system. p. 428.
- El'kind, L. A., and others. - Morphological changes in the thyroid gland under the influence of *Lycopodium obscurum*. p. 435.
- Vysotskaya, L. A. - Architectonics of the nigrophilic fundamental substance of the thyroid gland. p. 410.
- Babalian, A. B. - Morphology of the urachus in the age-related aspect. p. 447.
- Gorbacheva, Z. A. - Biology of *Musca domestica vicina* Macq (housefly) in Tashkent. p. 454.
- Milazov, D. M. - Problems of public health service for children in the first years of Soviet power in Turkestan (1917-1924). p. 464.
- Saidkhakova, R. - Some data on the physical development of newborn infants in the Maternity Home No. 1 of Tashkent. p. 473.
- Shamansurov, S. Kh. - Effect of insulation on the skin temperature topography and electric resistance of the skin in children of school age. p. 477.
- Smetnikova, D. B. - Regime of studies and fatigue of first grade pupils. p. 481.
- Aipov, V. N. - Exogenous causes in the development of psychoses in old age. p. 488.
- (DNLM)
- UROLOGIA [UROLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 29, no. 3, May-June 1964.
- Table of contents translated:
- Zylagintsev, A. E., Zhelezniakova, F. I., Gadzhimirzaev, G. A. - Surgical treatment of hypospadias in children. p. 3.
- Doletskii, S. I., Korol'kova, I. A. - Hypospadias in children. p. 6.
- Gorilovskii, L. M. - Epispadias in men. p. 11.
- Klein, V. G., Bortnikov, O. G. - Surgical treatment of cryptorchidism. p. 13.
- Mel'man, E. P., and others. - Effectiveness of revascularization of the testis by the directed change of their blood supply, experimental study. p. 16.
- Semenov, V. A. - Reconstruction of the posterior urethra in its ruptures with simultaneous fracture of the penis. p. 22.
- Lerner, G. I. A. - Methods of surgical treatment of functional urinary incontinence in women. p. 25.
- Nasurli, I. B. - Clinical morphological examination in azoospermia. p. 28.
- Pytel', A. A. - Surgical treatment of bladder cancer. p. 33.
- Tverdyma, M. S., Ginsburg, E. M. - Osteoblastic hypernephroid cancer of the kidney. p. 49.
- Iakimidi, A. I., Smolkin, E. A. - Favorable course of a bilateral gonadal nephroblastoma of 30 years' duration. p. 51.
- Fainshtein, Z. V., Alterov, G. A. - Ureteral alloplasty. p. 52.
- Rusakov, V. I. - Treatment of impotence by transplantation of costal cuttings into the penis. p. 54.
- Dolgarskii, I. S. - Acute renal failure caused by pachycarpine poisoning. p. 56.
- Kuchinskii, I. N. - Hemodialysis in the treatment of acute renal failure in a 3-year-old child poisoned by mercuric chloride. p. 58.
- Vol'pian, E. L. - Modern treatment of tuberculous of the urinary system. A review of foreign literature. p. 60.
- Pytel', I. U. A. - International symposium on anesthesiology. p. 68.
- Professor O. V. Proskura on her 60th birthday. p. 92.
- (DNLM)
- VESELIBA [HEALTH]. Issued by Latvijas PSR Veselibas aizsardzibas ministrija [Ministry of Health of the Latvian S.S.R.]. Riga, no 11(90), Nov 1965 [In Latvian].
- * VOENNO-MEDITSINSKII ZHURNAL [JOURNAL OF MILITARY MEDICINE]. Issued by Voenno-meditsinskoe upravlenie Ministerstva obrony SSSR [Military Medicine Administration of the Ministry of Defense of the U.S.S.R.]. Moscow, no. 1, 1965.
- Table of contents translated:
- Kuvshinskii, D. D. - Improve medical care and increase the combat readiness of the medical service. p. 3.
- Georgievskii, A. S., Balmasov, A. A. - Basic characteristics of medical service during the East Prussian operation. p. 9.
- Kanarekkin, K. F. - Present state of the theory on neuroses; a review of the literature. p. 17.
- Timofeev, N. N. - Methodological principles in the prevention of neuropsychic diseases. p. 22.
- Bogachenko, V. P. - Neuropsychic disorders in burn disease. p. 26.
- Akimov, G. A., Zverev, S. P. - Neurologic disorders in acute hypothermia. p. 30.
- Kudriavtsov, G. V. - Infectious nonspecific diseases of the joints; a review of the literature. p. 34.
- Beilin, I. B. - Sarcoidosis. p. 40.
- Darbinian, T. M., Avruiskii, M. I. A. - Activities of the resuscitation center at the laboratory of anesthesiology. p. 46.
- Khoroshko, N. V. - Blood reinfusion in thoracic injuries in peacetime. p. 51.
- Aleksandrov, N. I., Gefen, N. E. - Current state, further ways and prospects for the development of chemical vaccines, a review of the literature. p. 53.
- Dokuchaev, G. M. - Immunological effectiveness of bivalent influenza vaccine in its three-stage introduction. p. 60.
- Gavrillov, A. S., Tsvilashvili, A. S., Shapovalov, A. I. - Filling of the pressure suit. p. 65.
- Garber, E. I., Krasnitskii, V. S. - Experience in the use of electronic computers in the psychophysiological selection of candidates for higher aviation schools. p. 67.
- Kravychenko, O. A., Shonin, V. I. - Nonstaff field hospital stations. p. 77.
- Oksengendiev, G. I. - Effect of work at a control panel on the functional state of the central nervous system in naval specialists. p. 72.
- Lapnev, I. I. - Effectiveness of the juice of *Schizandra chinensis* in thrombocytopenia. p. 76.
- Landa, M. I. U. - Diagnostic value of some formulae for the calculation of basal metabolism. p. 80.
- VORONEZH, MEDITSINSKII INSTITUT, Trudy [MEDICAL INSTITUTE. Transactions]. Vol. 51, 1961.
- Table of contents translated:
- K. A. Kunakov. p. 3.
- Plesko, G. I. - Symptoms of protection and damage in the clinical aspects of vascular psychoses. p. 7.
- Pishechugin, V. V. - Acute disorders of cerebral blood circulation. p. 13.
- Shotina, O. S., Vlasova, K. D. - Clinical aspects and differential diagnosis of subarachnoid hemorrhage and hemoragic meningococcal encephalitis. p. 25.
- Stepanova, N. M. - Analysis of differential-diagnostic criteria in tumors and vascular diseases of the brain. p. 32.
- Vlasova, K. D., and others. - Clinical statistical analysis of vascular lesions of the brain according to data of Voronezh polytechnic. p. 39.
- Gorbachev, V. K. - Some clinical statistical data on mental morbidity of vascular genesis. p. 47.
- Kunakov, K. A., Stepanova, N. M. - Pathological changes in cerebral changes in vascular diseases. p. 49.
- Mezentseva, A. G. - Tumorlike syndrome in hypertension. p. 53.
- Kharicheva, L. M., Voroshilova, L. M. - Disorders of cerebral blood circulation in the acute stage of myocardial infarct. p. 57.
- Monchak, P. A. - Neurological symptomatology of infectious thrombosis of the cavernous sinus. p. 62.
- Pishechugin, V. V. - Encephalitis in connection with epidemic parotitis. p. 66.
- Pishechugin, V. V. - Acute laryngitis with thrombosis. p. 70.
- Pishechugin, V. V. - Brucellosis of the nervous system. p. 76.
- Pishechugin, V. V. - Influenza encephalitis. p. 82.
- Pishechugin, V. V. - Syphilis of the brain and its coexistence with schizophrenic symptomatology. p. 90.
- Stepanova, N. M. - Case of encephalitis with a paralytic "sleep" syndrome. p. 99.
- Stepanova, N. M. - Clinical aspects of encephalitis with Dalky-Spiller syndrome. p. 103.
- Adorikhina, E. P. - Differential-diagnostic criteria in tumors and infectious diseases of the brain. p. 105.
- Markova, I. A., Nopyshneva, V. V., Shukatova, L. A. - Materials of examinations for toxoplasmosis in children with oligophrenia. p. 111.
- Leksin, E. N. - Study of the permeability of the hematoencephalic barrier in meningitis and encephalitis using the radioactive indication method, preliminary report. p. 117.
- Leksin, E. N. - State of the permeability of the hematoencephalic barrier in some diseases of the nervous system; clinical examination using the "labeled atoms" method. p. 125.
- Bogalinskii, A. P. - Clinical statistical materials on the incidence of epilepsy. p. 131.
- Bogalinskii, A. P. - Differential-diagnostic significance of pneumoencephalography in epilepsy. p. 138.
- Maglov, I. F. - Epileptic dethium. p. 147.
- Safonov, G. A. - Clinical aspects of chronic epileptic psychoses. p. 151.
- Safonov, G. A. - Treatment of epileptics with amphetamine combined with luminal. p. 158.
- Adorikhina, E. P. - Clinical aspects of epileptic amnesia. p. 161.
- Sysoeva, N. K. - Mental disorders in hypernatremia with spontaneous hypoglycemia syndrome. p. 167.
- Pishechugin, V. V. - Results of using neurotoxic serum (cerebrotoxin) in some organic diseases of the nervous system. p. 173.
- Shestakov, B. I., Gue'kov, V. S. - Conditioned phagocytic and oculocardiac reflex in schizophrenia. p. 177.
- Shestakov, B. I. - Oculocardiac reflex in schizophrenia. p. 182.
- Novikov, B. I. - Disorder of the function of the hypogastric plexus caused by a bullet wound. p. 189.
- Zavrazhkov, V. I. - Psychopharmacological drugs. p. 190.

- Minakova, M. P. - Clinical aspects of hydrocephalic crises in tumors of the region of cerebral ventricles. p. 204.
- Minakova, M. P. - Clinical aspects of hemiedema. p. 212.
- Novikov, B. I. - Neurotoma of the right median nerve. p. 215.
- Bogdanovskiy, A. P. - Analysis of chronaximetric data in closed cerebral trauma. p. 219.
- Gus'kov, V. S. - Conditioned phagocytic reflex in schizophrenia. p. 225.
- Sukhova, L. A. - Study of autoantigens in the blood of schizophrenics. p. 230.
- Monchuk, P. A. - Case of Weideng-Hoffmann's infantile spinal amyotrophy. p. 239.
- Bogdanovskiy, A. P. - Neurodynamic disorders in patients in a late stage of a closed cerebral trauma. p. 246 (DNLM)

VRACHESBNOE DELLO [MEDICAL PRACTICE] Organ of Ministerstvo zdoravookhraneniia USSR [Ministry of Health of the Ukrainian S.S.R.] Kiev, no 11, Nov 1965

- Table of contents translated
- Ignatovich, I. U. V., Ravikovych, S. D., Bezdenzhykh, E. A. - Biological physics in medical institutes. p. 3.
- Lapongov, O. A. - Dynamics of Parkinson's syndrome following stereotaxic lesions. p. 8.
- Agre, B. S. - Cerebrovascular disorders in rheumatic fever and chronic tonsillitis. p. 12.
- Iashnovskiy, M. A., Rozentsvaig, A. M. - Cardiac form of epilepsy in patients with rheumatic fever. p. 16.
- Shevchenko, I. T., Pashchuk, P. I. - Importance of roentgen fluoroscopy in the diagnosis of esophageal tumors. p. 20.
- Aylova, O. M., Shelina, M. I. - Some problems of the clinical aspects and morphology of bronchial adenomas. p. 25.
- Pesenko, I. P. - Functional state of some internal organs in chronic cholecystitis. p. 28.
- Fedyshin, P. S., Radzivil, V. F., Korkushko, O. V. - Differential diagnosis of aortic aneurysms. p. 32.
- Spiranukh, N. P., Sorokina, L. I. - Ballistocardiographic examinations of patients with a cardiac pain syndrome. p. 36.
- Tranova, L. F. - Pathogenesis of a hemorrhagic syndrome in acute leukemia. p. 41.
- Sakharuk, V. M. - Characteristics of hemopoiesis in patients with peptic ulcers following the use of different methods of stomach resection. p. 44.
- Andruschenko, E. V., Borisenko, O. A., Derkach, I. A. - Functional state of the blood coagulation system in healthy people and animals. p. 49.
- Kucherenko, A. S. - Results of an experimental and clinical study of the anesthetic benzene. p. 50.
- Chebotarev, V. F. - Indices of the immune reconstitution of the organism under the influence of hydrocortisone and deoxyorthocortisone acetate. p. 52.
- Popova, M. M. - Aneurysm of the pulmonary artery in mitral stenosis. p. 56.
- Bondarenko, I. P. - Effect of the pancreatic lipase on the development of experimental atherosclerosis. p. 58.
- Sapozhnikova, L. S. - Capillaroscopy in pulmonary tuberculosis. p. 61.
- Zarkovich, N. F., Sivachenko, T. P. - Diagnostic value of scintigrams in diseases of the thyroid gland. p. 65.
- Zhekovich, A. V. - State of the vestibular function in parkinsonism and other forms of extrapyramidal hyperkinesia. p. 68.
- Ivanova, S. S. - Hill-Tessier symptom in patients with transitory disorders of cerebral blood circulation. p. 70.
- Buganenko, P. A. - Osteophilic disorders in lesions of the lumbosacral nerves. p. 74.
- Konopliuk, V. P. - Changes in the blood protein fractions in patients with multiple sclerosis. p. 77.
- Salko, A. A. - Functional state of the cholinergic structures in chronic alcoholism. p. 79.
- Gavriluk, I. A. - Pathogenesis and treatment of impotence. p. 83.
- Zinchenko, A. P., Berlin, I. U. - Changes in the superficial abdominal reflexes in healthy people and their expert evaluation. p. 86.
- Panchenko, D. I. - Clinical characteristics of juvenile forms of hypertension. p. 90.
- Sizov, V. A., Ochurenko, A. M. - Differential diagnosis of fixing ligamentosis. p. 95.
- Lezhchenko, P. D. - Large-scale chemistry and problems in the hygiene of nutrition. p. 99.
- Stebliuk, P. N. - Accelerated method of detecting salmonella in meat with the aid of fluorescence microscopy and microagglutination. p. 103.
- Guslyarov, V. F., Musienko, I. A. - Effectiveness of vaccination against influenza depending on the number of inoculations. p. 105.
- Zaritskiy, A. M. - Stability of the phage types of cultures of typhoid bacilli. p. 109.
- Maksimovskiy, V. A., and others. - Bacteriostatic and therapeutic effectiveness of polymyxin in some forms of acute and chronic dysentery. p. 112.

- Morozkin, N. I., and others. - Clinical and X-ray characteristics of acute pneumonia during the period between influenza epidemics. p. 115.
- Pal'gov, V. I., Vozneschagina, Zh. I., Eppel', S. I. - Levels of permissible noise in hospitals. p. 119.
- Onel'chenko, F. Z., Kyvitskiy-Ryzhev, I. U. N. - Prominent Ukrainian medical scientist. p. 125.
- Alimov, Z. Z. - Sensitivity disorders of the abdominal skin in cholecystitis. p. 131.
- Loplatko, A. G., Kuznetsov, M. I. - Unique manifestation of the toxicallergic action of furazolidone. p. 133.
- Linskaya, L. E., Tsilko, T. M. - Comparative evaluation of some indices of the activity of the process of pulmonary tuberculosis. p. 134.
- Dzhanelidze, M. B. - Cardiac pathology in chronic pulmonary tuberculosis. p. 135.
- Radkevich, R. A., Bolashanova, M. S., Utkin, V. V. - Metabolic processes in chronic forms of pulmonary tuberculosis. p. 135.
- Novikov, V. S., Onikienko, B. A. - Iodine test and serum protein fractions in some diseases. p. 137.
- Veinberg, F. G., and others. - Removal of an ectopic aneurysm during a second operation. p. 139.
- Ballinkov, E. L. - High irrigation of the large intestine in treating intoxications. p. 141.
- Solnik, V. I. - Unusual quantitative composition of the blood in acute leukemia. p. 141.
- Pogorelova, L. P. - Phagocytic activity of leucocytes in patients with obliterating endarteritis. p. 142.
- Krasava, L. S. - Results of treating hypertension with oxydiline in polyclinics. p. 144.
- Amel'ko, I. A., Andriukh, G. B. - Aortic aneurysm with a rupture into the intestine. p. 145.
- Grinshpon, O. I. A., Kucherenko, E. M. - Diagnosis of neurocirculatory dystonia. p. 147.
- Dobrianskaya, L. M. - Combination of peptic ulcers with a congenital heart defect. p. 148.
- Zalubovskiy, L. V. - Rare case of gigantomania. p. 149.
- Petrovskiy, G. S. - Pickwickian syndrome. p. 149.
- Vakulak, P. M., and others. - Frequency of nephropathy. p. 151.
- Pozdnakov, V. S., Khavin, D. I. - Organization of treating patients with epilepsy in a psychiatric hospital. p. 152.
- Dolgopiatov, G. I. A. - Lethargic encephalitis with sclerodermatike manifestations and an occlusion syndrome. p. 153.

ZDRAVOOKHRANENIE [HEALTH SERVICE] Organ of Ministerstvo zdoravookhraneniia Moldavskoi SSR [Ministry of Health of the Moldavian S.S.R.] Kishinev, vol. 8, no 1, Jan.-Feb 1965

- Table of contents translated
- Zot'kin, A. A., Kurlat, B. M. - Dialectic-materialist principle of determinism in medicine. p. 3.
- Kant, V. I. - Prospects for the development of a network of medical institutions and the improvement of planned economic work. p. 8.
- Djukanova, M. I. A., Khilak, L. N. - Tuberculin sensitivity in children with tuberculosis. p. 11.
- Shapov, B. I. - Materials on cerebrovascular crises. p. 15.
- Gelman, D. G., Bolnai, F. V. - Vertebrocardiac syndrome in latent forms of spondylarthritis. p. 18.
- Iashkevich, B. A. - Oxymetric method of determining the velocity of the blood flow in patients following a light acute closed head trauma. p. 21.
- Karaballa, G. K. - Arterial and venous blood flow in patients with an intracranial venous stasis. p. 25.
- Bilan, G. A., Grinberg, D. M. - Electroencephalographic characteristics of hebephrenia. p. 27.
- Zinlok, M. I. A. - Dynamics of the activity of blood catalase in rabbits during acute alcoholic intoxication. p. 31.
- Grossman, E. G. - X-ray diagnosis of pleural accretion in artificial pneumothorax. p. 34.
- Sigal, L. D., and others. - Importance of artificial pneumothorax in a compound treatment of tuberculosis. p. 36.
- Minsburg, T. S. I. A., Shteynberg, I. I. - Late observations of persons after recovery from infections with *Salmonella* breslau. p. 40.
- Kishlev, S. M. - Clinical and immunological changes in latent forms of rheumatic fever in adults. p. 42.
- Bronshteyn, Kh. I., Ikin, L. E. - Macular lesion in urolithiasis. p. 40.
- Gurkina, M. V. - Effect of ether-oxygen anesthesia on the quantity and differential count of leucocytes in the preoperative period. p. 49.
- Shor, I. A. - Catameniasis of adolescents and adults after tuberculous meningitis during 1953-59. p. 54.
- Finkel, V. I. - Treatment of nocturnal enuresis. p. 58.
- Rozneritsa, L. A. - Case of migration of a foreign body into the urinary bladder with the formation of calculi. p. 59.
- Moldavskiy, E. I. - Case of rheumatic erythema nodosum. p. 59.
- Tahakuru, D. N. - Struggle against the Baptist movement is a struggle for the health of the people. p. 60.

Physician and humanitarian, F. F. Chotry, on the centenary of his birth. p. 61.

ZDRAVOOKHRANENIE ROSSISKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION] Issued by Ministerstvo zdoravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.] Moscow, vol. 9, no 10, Oct 1965

- Table of contents translated:
- Ivanov, K. A., Frolova, N. A., Kvashnina, L. A. - Participation of the sanitary-epidemiological service in the dispensary service rendered to the population. p. 3.
- Perov, O. V. - Sanitary-epidemiological service and dispensary service rendered to the population. p. 5.
- Maturov, A. L. - Organization of medical service for the members of Soviet Antarctic expeditions. p. 7.
- Gorokhov, I. A. - Cost of supporting independent polyclinics and polyclinical branches of consolidated hospitals. p. 10.
- Dogdanov, L. N. - Changes in the ratios of various types of X-ray examinations in connection with the introduction of fluorography. p. 14.
- Ivakhina, V. N., Bedny, M. S. - Organization of the work and the system of keeping records in a province consultative polyclinic. p. 16.
- El'lashcheva, D. D., Kheifets, A. S. - Results of organizational and methodological work in the evaluation of temporary incapacity in the therapeutic institutions of Moscow. p. 20.
- Ruban, V. P. - Organization of schools of advanced work practices in the therapeutic and prophylactic institutions of Vologda Province. p. 23.
- Sobanov, A. G. - Materials on the physical development of adolescents in the Tatar A.S.S.R. p. 24.
- Vaintrub, I. A., Zibert, A. G. - Data on traumatism in machine-tool workers at the Ural Heavy Machine-Tool Plant. p. 26.
- Aglenko, V. D. - Results of the work conducted by the therapeutic office of a floating polyclinic. p. 27.
- Sergeev, A. V., Barybin, V. P. - More attention to be paid to preservation of the health of the population of Irkutsk Province. p. 29.
- Liskovets, V. B. - Analysis of the work of medical consultative commissions. p. 34.
- Petrov, M. E. - Results of organizing dispensary service to workers in the Hospital No. 13 in Ufa. p. 35.
- Dobrodnykh, A. A. - Training of medical personnel in the prevention of diseases of chemical etiology. p. 39.
- Slavko, A. L. - Results of conducting practical exercises in medical microbiology. p. 40.
- Bartseva, K. V. - Results of improving the qualifications of physicians. p. 42.
- Kuznetsov, S. M. - Congress of Kuban medical workers. p. 44.
- Kolosov, G. N. - Consultations on problems of work and salaries of medical workers. p. 40.

ZHURNAL EKSPERIMENTAL'NOI I KLINICHESKOI MEDITSINY [JOURNAL OF EXPERIMENTAL AND CLINICAL MEDICINE]. Issued by Akademiya nauk Armianskoi SSR [Academy of Sciences of the Armenian S.S.R.] Yerevan, vol. 2, no 5, 1962

- Table of contents translated:
- Sharfman, S. S. - Burd-Masson's vegetative neuroalgia. p. 7.
- Oganesian, S. S. - Results of the use of aminazine in psychomotor agitation in patients with a serious acute craniocerebral trauma. p. 17.
- Aydalbekian, S. Kh., Oganesian, S. Z. - Mondor's disease. p. 27.
- Ozplan, L. A. - Arterial osmotherapy as a fundamental component in the compound treatment of obliterating endarteritis. p. 31.
- Grigorian, E. A. - X-ray and hemodynamic comparisons in mitral defects. p. 37.
- Ovrukskiy, I. A. S. - Angiocardiography in preoperative diagnosis of mediastinal tumors. p. 45.
- Akopian, I. M. - Comparative evaluation of methods used in detecting allergy following experimental BCG vaccination. Report no. 1. p. 55.
- Sadotian, M. S. - Clinical aspects and treatment of leukemia in children. p. 61.
- Dashkorian, A. K. - Pneumomycetosis contracted during threshing. p. 67.
- Ottian, R. G. - Treatment of diseases of the lacrimal ducts. p. 70.
- Danielov, N. I. U. - Some problems in ridding the population of ascariasis. p. 85.
- Rigdasarian, A. A. - Incidence of cancer of the uterus in patients of various social groups. p. 91.
- Drampian, F. S., Aslanian, M. L. - Interrelations between the blood protein fractions and the renal blood flow in systemic sclerosis. p. 97.
- Mikheian, R. I. - Method of differential use of therapeutic nutrition in hypertension combined with adiposis under conditions of health resort treatment. p. 101.
- (DNLM)

Vol. 2, no. 6, 1962

Table of contents translated

- Mucron, F. Z., and others. - Function of the right ventricle of the heart under conditions of progressing stress on the left ventricle and left ventricular insufficiency. p. 3
- Atiptan, S. A., Gershtin, Zh. A. - Erythrocyte sedimentation reaction in the electromagnet field during radiation sickness. p. 15
- Myslesan, T. B., Myslesan, M. A., Gaislan, O. Kh. - Histopathology of the nervous system in rabbits exposed to the action of ionizing radiation associated with pain. p. 23
- Oganesian, B. M. - Toxicological evaluation of the isotope S^{35} and its effect on the progeny of rats in an experiment. p. 31
- Shakhbuzin, F. A. - Bactericidal effect of sodium metasilicate. p. 41
- Simonian, A. T., Melik-Adimian, A. A. - Pulmonary heart disease: diagnosis and treatment. p. 45
- Mirichian, G. K. - Ballistocardiographic changes in treating the 1st and 2d stages of hypertension with inductothermy. p. 57
- Kogan, B. M. - Evaluation of individual functional electrocardiographic tests in coronary insufficiency. p. 63
- Badalian, G. O. - Pathogenesis of an attack of cardiac asthma. p. 75
- Shukriyan, K. G., Vartanian, V. A., Babayan, G. A. - Hyaluronidase content and activity in tissue extracts of tonsils in chronic tonsillitis. p. 81
- Ahrapetian, M. Kh. - Surgical treatment of focal forms of lymphotransfomatosis. p. 89
- Aslanian, G. G. - State and clinical importance of the reactivity of the organism in chronic suppurative inflammation of the middle ear. p. 95
- Gevorkian, S. M. - Carbohydrate function of the liver in toxosis during pregnancy. p. 105 (DNLM)

Vol. 5, no. 1, 1965

Table of contents translated

- Milozan, S. A. - Outstanding scientist and organizer. p. 8
- Simonian, A. T., Alvazian, A. A., Pashinian, S. A. - Hematological changes in periodic disease. p. 12
- Chilingarian, A. M. - New method for the selective isolation and microscopic examination of cerebral vessels and capillaries. p. 16
- Avakian, V. M., Manukian, L. A. - Comparative study of the pharmacological properties of disamide and novocaine amide. p. 25
- Malalian, S. V., Tumanian, L. A., Kostanian, R. B. - Study of the effect of laser rays on the tunica oculi. p. 33
- Khumarian, N. G. - Thyroid function and its sensitivity to insulin in diabetics. p. 38
- Aravshatyan, G. S. - State of the oral cavity in diabetic children. p. 46
- Oganesian, S. A., Sedgarian, M. A. - Differential diagnosis of some forms of pulmonary cancer. p. 50
- Nikogosova, S. O. - Malignant adamantinoma of the jaws. p. 60
- Garibian, Z. M. - Electric activity of the heart in chronic tonsillitis. p. 67
- Dolabekian, Z. L., Gasparian, K. T. - Electrocardiographic observations in hepatocholecystitis. p. 74
- Sadoian, V. S., Minasian, G. A., Astvatsatyan, D. L. - Effect of motor regimen on the function of the cardiovascular system in patients with myocardial infarct. p. 78
- Glandzhetsian, N. R. - Use of diluted Arzni mineral water baths in the treatment of coronary insufficiency in hypertension. p. 85
- Vartanian, M. M. - Hypertension and the fetus. p. 90
- Mirichian, L. N. - Content of DNA and protein and glycoprotein fractions in the blood in various forms of collagen diseases. p. 105
- Torgomian, L. T., Nersesian, V. M. - Inheritance of blood groups in man. p. 110
- Nargizian, G. A. - Clinical course in coronary atherosclerosis. p. 122
- Andzhelov, B. O. - Schedule for the day of preschool children in the family. p. 125 (DNLM)

b GYNECOLOGY, OBSTETRICS & PEDIATRICS

AKUSHERSTVO I GINEKOLOGIJA [OBSTETRICS AND GYNECOLOGY] Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.] Moscow, no. 1, 1965

Table of contents translated:

- Persianinov, L. S., and others. - Comparative study of gas exchange in the fetus under normal and pathologic conditions. p. 3
- Foi, A. M. - Some problems in modern obstetrical anesthesia. p. 9
- Bekker, S. M. - Problem of asymmetry in obstetrics. p. 15
- Kotlarskaya, E. I., Roganova, K. G. - Serologic diagnosis of pregnancy. p. 18

- Vallo, D., Szasz, L., Perked, L. - Early diagnosis of pregnancy using the passive hemagglutination method. p. 21
- Rybkina, N. F. - Characteristics of the ballistocardiogram in healthy pregnant women. p. 20
- Novitskiy, A. S. - Changes in the position of the electric axis of the heart following delivery in mitral valve defect. p. 32
- Drozdskii, R. F. - Vascular reflexes in threatening abortion and their changes under the effect of bromine and caffeine therapy. p. 35
- Chladov, Z. A. - Method for producing electrotonus in the uterine uterus for arresting uterine hemorrhage, experimental and clinical study. p. 41
- Tabik, V. I. A., Beiman, V. S., Nepomniashchaya, V. S. - Arrest of uterine hemorrhage with a single electric impulse. p. 46
- Porai-Koshits, K. V. - Effect of the course of pregnancy and labor on the fibrinogen level and its significance in obstetric practice. p. 50
- Zubareva, L. P. - Changes in some indices of blood coagulation in postpartum thrombophlebitis. p. 56
- Khakimova, S. Kh. - Rupture of marginal varicose veins (marginal sinuses) of the placenta during labor. p. 60
- Eimakova, A. I. A., Timoshenko, L. V. - Effect of the vacuum extractor on the mother and infant. p. 65
- Ustashev, A. D., Tushishvili, V. M., Bakradze, G. A. - Obstetric vacuum extractor. p. 70
- Murzenko, Kh. E. - Vacuum extractor in obstetric practice. p. 73
- Fil'sel, I. U. I. - Traumatic effect of vacuum extraction, experimental study. p. 77
- Galitskii, S. A. - Immediate effects of vacuum extraction on the mother and infant. p. 82
- Shengelia, T. S. - Experience with the use of vacuum extraction in obstetrics. p. 86
- Finkel', M. A., Khaltova, M. I. - Vacuum extractor in obstetrical practice. p. 88
- Kaplanskiy, I. A. - Immediate and remote effects of the use of the vacuum extractor. p. 90
- Zhmakin, K. N. - Indications and contraindications for vacuum extraction and its effect on mother and fetus. p. 92
- Vikhilayev, L. M., Zmanovskiy, I. U. F. - Use of tranquilizers in treating the climacteric syndrome. p. 95
- Dobrotina, A. F., Zagladskaya, L. P. - Excretion of estrogenic hormones in some forms of dysfunctional uterine hemorrhage. p. 102
- Mandel'shtam, V. A. - Hemorrhages during the menopause and diagnosis of precancerous and cancerous diseases of the genitalia. p. 107
- Staikova, M. I. - Changes in the number of thrombocytes and in the thrombocyte formula in initial forms of cancer of the cervix uteri. p. 112
- Gerasimovich, G. I. - Cobalt content in the blood and organs of patients with uterine myoma in relation to the growth rate of the tumor. p. 115
- Maksimova, A. P. - X-ray control of the pneumoperitoneum following perturbation. p. 118
- Dikan', I. F. - Prenatal protection of the fetus in pelvic and transverse presentation. p. 122
- Men'shikova, G. P. - Materials for the study of endometrioid cysts of the ovaries. p. 125
- Kolpakova, L. L. - Changes in the plasma volume and protein composition of the blood serum in late pregnancy toxemias. p. 130
- Mulato, N. N., and others. - Diagnosis and clinical aspects of toxoplasmosis in women with complicated obstetrical anamneses. p. 133
- Levantovskaya, O. M., Spasskaya, V. A. - Significance of electrophoretic study of blood protein fractions for detecting the activity of the rheumatic process in pregnant women with heart defects. p. 137
- Bude, B. I. - Significance of the mobile head above the pelvic entrance in primiparae. p. 139
- Motsak, A. S. - Treatment of umbilical prolapse. p. 141
- Vulchev, K. L. - Device for hysterosalpingography and hydrotubation with indirect pressure measurement. p. 142
- Sorov, V. N., Soshkina, N. I. - Labor following resection and prosthetic substitution of the aorta for coarctation. p. 143
- Dudiyova, N. I. - Labor in a woman with myopathy. p. 144
- Polykovskaya, I. D. - Labor following compression fracture of the spine. p. 144
- Zel'trova, G. S., Fridzon, R. G. - Pregnancy and labor in Addison's disease. p. 145
- Bazlian, T. A. - Treatment of gynecologic patients with sulfide water from the Shikovo springs by the method of underwater vaginal irrigation. p. 147
- Kotel'nikova, A. I. - Intrauterine osteogenesis imperfecta in newborn infants. p. 148
- Ribov, T. L. - Racomose myoma of the uterus. p. 149
- Kushnrov, B. V., Chartorizhskii, N. A. - Case of metastasizing ovarian cancer. p. 150
- Brzeski, V. C. - Obstetrical service in zemstvo government, on the centenary of zemstvo medicine. p. 152 (DNLM)

No. 2, 1965

Table of contents translated

- Iakovlev, L. I. - Structure and physiology of the smooth muscle of the pregnant uterus. p. 3
- Sokolov, V. M. - Intracellular movements of the fetus and the contractile activity of the uterus during pregnancy and labor. p. 9
- Kremensov, I. U. G. - Significance of the activity of the lower section of the uterus in the course of labor. p. 13
- Lil'ikh, I. F. - Changes in the composition of uterine muscle protein fractions during pregnancy and uterine inertia. p. 17
- Gillazul'dinova, Z. Sh. - State of neural elements of the uterus in myoma and pregnancy. p. 20
- Landau, I. A. M., Fil'sel, I. U. C. - Changes in the maximum internal pressure in healthy patients during a normal course of labor. p. 24
- Kotlova, A. M. - Anamnestic reaction in Rheumyctoidism. p. 27
- Zatichik, R. Z. - Content of mucopolysaccharides in the blood of pregnant women. p. 30
- Tolmachevskaya, O. A. - Chromosomal diseases, a review of the literature. p. 32
- Kazulin, V. I. - Excretory function of the human fetus. p. 38
- Brilliantova, S. A. - Blood coagulation in the human fetus. p. 40
- Kapitova, R. S. - Significance of intrauterine fetal electrocardiography in the early diagnosis of multiple pregnancy. p. 45
- Golits, G. I. - Significance of bacterial infection of the amniotic fluid in the pathogenesis of intrauterine infectious processes in the fetus. p. 50
- Kytmanova, G. D. - Determination of isohemagglutinins in umbilical blood vessels of full-term newborn infants. p. 54
- Duka, A. D. - Muscular activity of infants born in asphyxia. p. 57
- Popova, N. I. - Morphological changes in the spinal cord of the fetus in fetal intracranial asphyxia. p. 65
- Chibrev, Kh. N. - Characteristics of the course of pregnancy and labor in multiparae. p. 69
- Mushevich, L. I. - Determination of the extent of blood loss in labor. p. 70
- Saprykina, G. A. - Significance of the determination of the extent of hemorrhage in gynecological operations. p. 71
- Gofman, G. E., Ustin, F. M. - State of the blood coagulation system in uterine myoma and dysfunctional uterine hemorrhages. p. 76
- Vasilek, N. A. - Functional state of the blood coagulation system in hemorrhages caused by uterine fibromyoma. p. 81
- Savchenko, O. N. - Effect of adrenocorticotrophic hormone and chorionic gonadotropin on the calcium excretion in women during the initial stage of menopause. p. 86
- Sofronov, B. N., Dillman, V. M. - Immunologic determination of chorionic gonadotropin in the diagnosis of pregnancy and chorionepithelioma. p. 91
- Gomenik, I. P. - Composition of blood protein fractions in patients with hydatid mole and chorionepithelioma. p. 94
- Ugrumova, R. P. - Cytologic studies in the diagnosis of cancer of the cervix uteri during preventive mass screenings. p. 99
- Vachnadze, I. K. - Characteristics of the bioelectric activity of the brain in women before and after surgical removal of some pathologic processes in the cervix uteri. p. 101
- Demidkin, P. N., Sokolov, A. K. - Hystero-graphy following repeated cesarean section. p. 106
- Vartanian, M. M. - Effect of peritoneal dialysis on the heart and motor activity of the fetus in hypertensive women. p. 110
- Csaba, Imre. - Primary fluorescence of actinomyces oviformis. p. 110
- Martsishevskaya, R. L. - Treatment of iron-deficiency anemia in patients with gynecologic diseases. p. 120
- Savinykh, V. I. - Treatment of urethrotomy in gynecologic practice. p. 123
- Turanova, E. N. - Clinical aspects, diagnosis and treatment of nongonococcal vaginitis in children. p. 126
- Galitskevich, V. P., Gelfman, G. T. - Clinical picture of the Chlari-Frömmel syndrome. p. 133
- Poptodorov, K. - Myoma and lactation. p. 134
- Mazhbits, I. A., Liberman, L. L., Savitskii, G. A. - Pregnancy, labor and lactation in diabetes mellitus. p. 135
- Pashchenko, P. P. - Use of sodium salt of novarsol iontophoresis in the treatment of inflammatory diseases of the genitalia. p. 137
- Voskresenskii, N. A. - Case of successful treatment of uterine chorioepithelioma with chrysomallin. p. 139
- Astrinskii, S. D., Spiridonova, L. B. - Clamping of the parametrium by the Heikel method in hypotensive puerperal hemorrhages. p. 140
- Erofeyev, U. N. - Compression syndrome of inferior vena cava. p. 142
- Loshentfeld, R. A. - Hemorrhage into the urinary bladder during labor. p. 143

- Kremlova, L. A., Medvedev, I. A., Tufina, N. I. - Labor following resection of the aorta for coarctation and its replacement by plastic prosthesis p. 145.
- TSov'larov, N. A. - Reduction of funic presentation p. 146.
- Sarakhin, G. N. - Surgical treatment of acute thrombophlebitis of subcutaneous veins of the lower extremities during the second stage of pregnancy. p. 147.
- Zobnin, E. F. - Isolated torsion of the fallopian tube following sterilization by the Madlener method. p. 148.
- Dobriakov, B. S., Isaenko, V. I. - Two cases of torsion of dermoid cysts in girls 4 and 5 years of age. p. 149.
- (DNLM)

PEDIATRIIA [PEDIATRICS] Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.] Moscow, vol. 43, nos 10-12, Oct-Dec. 1964
(DNLM)

PFIDIATRIIA, AKUSHERSTVO I GINEKOLOGIIA [PEDIATRICS, OBSTETRICS, AND GYNECOLOGY] Organ of Ministerstvo okhorony zdorov'ia URSS [Ministry of Health of the Ukrainian S.S.R.] Kiev, vol. 28, nos. 3-5, 1964
(DNLM)

c. NEUROLOGY & PSYCHIATRY

***ZHURNAL NEVROPATOLOGII I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY]** Issued by Vsesoiuznoe obshchestvo nevropatologov i psikhiatrov [All-Union Society of Neuropathologists and Psychiatrists] Moscow, vol. 65, no. 10, 1965.

- Table of contents translated:
- Litvak, L. B., Zelenkovich, G. S. - Transient disorders in the clinical course of vascular aneurysms of the basis cerebri. p. 1433.
- Kuznetsova, A. S., Nikiforov, B. M. - Clinical aspects and diagnosis of aneurysms of the middle cerebral artery. p. 1441.
- Imanova, S. S. - Vascular asymmetries in transient disorders of the cerebral blood circulation. p. 1447.
- Quandt, J. - Prevention of cerebral infarct. p. 1454.
- Prokhorova, E. S. - Epileptic seizures as manifestations of hypertonic cerebral crises. p. 1461.
- Makarov, L. G. - Effect of triggering light stimulation on the electric activity of the brain following insult. p. 1466.
- Zislshin, S. G. - Differentiated therapy in schizophrenia. p. 1507.
- Glebov, V. S. - Possibility of detecting cerebral antigens in the blood of neuropsychic patients. p. 1517.
- Khekhlov, L. K. - Prognostic significance of Kandinskii-Clerambault syndrome in paranoid schizophrenia. p. 1524.
- Iaroslavskii, S. A. - Correlation of Kandinskii-Clerambault syndrome with the catatonic syndrome. p. 1533.
- Leonova, I. U. - Some clinical and pathophysiological criteria for the differentiation of late schizophrenia and presenile psychoses. p. 1537.
- Belov, V. M. - Putting the problem of schizophrenia on an organically changed basis. p. 1541.
- Nutenko, E. A., Khatnik, L. A. - Comparison of the clinical aspects and course of schizophrenia in close relatives in 111 families. p. 1547.
- Shubov, T. B. - Hemorrhages in the fundus oculi in cerebral vasculitis. p. 1473.
- Iarullin, Kh. Kh. - Diagnosis of pathological twisting of the carotid arteries by means of rheoencephalography. p. 1476.
- Arautov, A. L. - Portable transistor rheograph. p. 1484.
- Lerman, V. I. - Hemodynamic disorders in stenosis of the carotid artery. p. 1489.
- Chekhrova, V. A. - Changes in the electric activity of the brain following surgery for stenoses and thromboses of the carotid arteries. p. 1493.
- Kanareikin, K. F., Kurilenko, I. S. - Clinical aspects of blood circulation disorders in the abdominal aorta. p. 1498.
- Stefanov, S. - Arteriography in vascular syndromes of the vertebrobasilar system. p. 1502.
- Sukhorukova, L. I. - Histopathology of neuroglia in schizophrenia with the periodic type of treatment. Report No. 1. p. 1554.
- Prokhopuk, I., Janik, A. - Factors influencing decisions in forensic psychiatry. p. 1561.
- Semenov, S. V. - Principles of the clinical aspects and forensic psychiatry in the evaluation of schizophrenic remissions. p. 1565.
- Golovan', L. I., Zayidovskii, G. I., Sukal'skii, I. U. - Use of lithium in the treatment of schizophrenia with obsessions. p. 1574.
- Rotenberg, V. S. - Blood supply of the spinal cord and the syndromes of its disorders: a brief review. p. 1581.
- Khomovskii, A. A. - Some ways of scientific cooperation of jurists and psychiatrists. p. 1585.

- Akhulin, E. A. - Index of books on neuropathology, psychiatry and related disciplines received in the State Central Scientific Medical Library in July 1965. p. 1585.
- Nikolai Sergeevich Chetverikov, on his 70th birthday. p. 1597.
- Sergei Vladimirovich Kurashov, an obituary. p. 1598.

e. PATHOLOGY & THERAPEUTICS

ARKHIV PATOLOGII [ARCHIVES OF PATHOLOGY] Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.] Moscow, no. 10, 1964.

- Table of contents translated:
- Gut'kevich, I. U. V., Rabetskii, T. S. - Tumors in newborn infants and fetuses, a review of literature p. 3.
- Mitrenchik, I. N. - Morphology of ulcerative diseases of the large intestine in conditionally pathogenic infections in children. p. 13.
- Metelitsa, V. I. - Reproduction of experimental hepatitis and liver cirrhosis associated with jaundice and ascites, histological and histochemical studies. p. 21.
- Shvarts, A. - Thrombotic thrombocytopenic purpura, (Moschowitz's disease) p. 29.
- Frank, G. A. - Liver fibrosis in leukemia p. 37.
- Fain, M. A. - Content of glycogen in the liver in thermal burns of the skin, experimental study p. 43.
- TSeldler, S. A., Torekhova, T. G., Vil'shtein, R. M. - Sulfonamide bullous erythema stimulating Stevens-Johnson syndrome p. 46.
- Zhitnik, L. H. - Case of primary sarcoma of the gallbladder p. 50.
- Kovalev, M. M., Popova, T. I. - Malignant fibroma of the omentum. p. 51.
- Iampol'skii, S. A. - Cementomas of heterotopic (extramammary) localization. p. 54.
- Liubshin, A. A. - Recurrent telomoma of the skin p. 57.
- Pononkov, B. L. - Rapid imbedding in celloidin, a new methodology. p. 60.
- (DNLM)

Vol. 27, no. 8, 1965.

- Table of contents translated:
- Svellov, P. G. - Pathogenesis of hereditary and non-hereditary embryopathy. p. 3.
- Toropov, I. V., and others. - Reaction of the hemopoietic system of guinea pigs to chronic action of ionizing radiation applied in small doses. p. 10.
- Afrikanova, L. A. - Role of the panniculus adiposus in the reparative process following severe radiation injuries of the skin. p. 18.
- Petrova, A. S. - Cytologic diagnosis of some types of tumors of cartilaginous tissue. p. 25.
- Vinogradova, T. P., Herman, A. M. - Characteristics of fibrous dysplasia of facial bones of the cementoma type. p. 31.
- Lavnikova, G. A., Daniel'-Bek, K. V. - Embryonic lipomas; myxoid, embryonic liposarcomas, myxosarcomas, and Gilmour's mesenchymomas. p. 36.
- Poroshin, K. K., Galil-Ogly, G. A. - Oncocytomas. p. 43.
- Shvemberger, I. N., Vakhin, I. U. B. - Histological analysis of rat rhabdomyosarcomas produced by implantation of cells after their malignant degeneration in vitro. p. 49.
- Eleiskii, I. U. K. - Effect of acute alcoholic intoxication on the protein sulfhydryl group content and distribution in the liver of rats. p. 55.
- Bukhonova, A. I. - Reparative process in an experimental wound under the influence of various hormones. p. 61.
- Bezprozvannyi, D. K., Shumkin, O. B., Afilian, V. M. - Changes in the ultrastructure of human hepatic cells in thyrotoxicosis. p. 64.
- Kan'shina, N. F., Darovskii, B. P. - Regeneration of the tubular epithelium of the kidneys in necrotic and hydropic nephrosis. p. 69.
- Kasab'ian, S. S. - Some problems of the histochemistry of military tuberculosis. p. 69.
- Golt'sman, L. L. - Some anomalies of mitotic cell division on the surface of a foreign body in the abdominal cavity. p. 72.
- Brande, V. I. - Secondary hydropneumothorax and non-specific pyelonephritis in tuberculosis of the kidneys treated with antibacterial preparations. p. 74.
- Dobrovolskii, G. A. - Method of anatomic study of the lungs with the aid of various polymeric materials. p. 76.
- Poritskii, N. K., Shumova, A. M. - Pathological anatomy of ophiathoraxiasis. p. 78.
- Nikolov, G. M., Markov, G. I. - Fixation fluid for the impregnation of the nervous elements in tissues containing calcium. p. 82.
- Khalitskii, F. M., Efimova, N. S. - Work of the Perm Province Society of Pathoanatomists during 1962-63. p. 83.

- Bakhtiarov, V. A., Shlapnikov, V. N. - Work of the Kemerovo Province Society of Pathoanatomists in 1964. p. 89.
- Marfa Molosceva Aleksandrovskaya; on her 60th birthday. p. 90.
- Viktor Aleksandrovich Zhukhin. p. 92.
- (DNLM)

Vol. 27, no. 10, 1965.

- Table of contents translated:
- Rapoport, I. A. L. - Pathology of myasthenia gravis. p. 3.
- Gornik, K. A., Kup'eva, T. N. - Pathological anatomy of myasthenia. p. 12.
- TSinzerling, A. V., and others. - Pathological anatomy of adenovirus lesions of the lungs in children. p. 21.
- Tonkonozhenko, V. I. - Pathoanatomical study of the lungs in the early stages of emphysema. p. 28.
- Nesterov, E. N. - Morphogenesis of pneumosclerosis in experimental lung collapse. p. 33.
- Samokhin, P. A. - Systematization of the elastolytic changes in the pulmonary vessels and the histogenesis of elastogranuloma in rheumatic heart defects. p. 38.
- Volkova, O. V. - Sensitivity to hormones of ovaries with disordered innervation. p. 44.
- Shevkunova, E. A., Volk, E. B. - Pathogenesis and pathological anatomy of chronic experimental toxoplasmosis. p. 49.
- Kim, V. Kh. - Morphology of induced skin tumors in mice. p. 54.
- Podolskii, A. E. - Histochemical study of the lipoids in cholesterosis of the gallbladder. p. 60.
- Cupalo, E. E. - State of the activity of alkaline and acid phosphatases in chronic hepatitis and cirrhosis of the liver. p. 66.
- Zhebrovskaya, N. E. - Histochemical change in the distribution of cholinesterase in the spinal cord and spinal ganglia of the rabbit in experimental tetanus intoxication. p. 71.
- Skudarnova, Z. A. - Course of alcoholic neuritis of the sciatic nerve under the influence of a paraneuritic novocaine block, an experimental morphological study. p. 73.
- Gel'man, I. U. A. - Shifts in the content and concentration of cytoplasmic ribonucleoproteins in functional changes in the neurons. p. 78.
- Darovskii, B. P. - Giant retroperitoneal gangliocytoma. p. 79.
- Finkel'shtein, E. A., Danchenko-Ryvkova, L. K. - Neurinoma in a perch. p. 81.
- Loktev, N. A. - Possibility of simultaneously staining for polysaccharides (Schick reaction) and deoxyribonucleic acid after Feulgen-Rossonbock. p. 85.
- Grigorii L'vovich Derman. p. 85.
- (DNLM)

GEMATOLOGIIA I PERELIVANIE KROVI [HEMATOLOGY AND BLOOD TRANSFUSION] Issued by Kievskii Institut perelivaniia krovi [Kiev Institute of Blood Transfusion]. Kiev, vol. 1, 1965.

- Table of contents translated:
- Karavayev, A. G., Lavrik, S. S., Umanski, M. A. - Clinical effectiveness of fibrinogen in acute hemorrhages. p. 7.
- El'iashevich, E. S., Dukarevich, A. S. - Isolation of fibrinogen from human plasma by means of a gelatin method without filtration. p. 13.
- Shmushko, R. I. A. - Biochemical characteristics of the preparation "Fibrinogen" for intravenous introduction. p. 18.
- Gerasimov, L. I. - Treatment of anemia patients with direct blood transfusions and transfusions of freshly defibrinated blood. p. 23.
- Simbirskaya, G. D. - Effect of blood transfusion on the function of adrenal glands in peptic ulcer and some hematological diseases. p. 26.
- Sakhnovskaya, G. K., Orlik, V. A. - Effect of plasma transfusions from burn convalescents on the toxic properties of sera in experimental burn disease. p. 30.
- Avtonomova, L. V. - Effect of iso- and heterotransfusions on the propeptide system and bactericidal activity of the recipient's blood. p. 33.
- Dorbenov, P. N. - Effect of intra-arterial transfusions of a leucocyte mass on the reactivity of cellular elements of connective tissue and blood in the focus of aseptic inflammation. p. 36.
- Dorbenov, P. N. - Effect of a leucocyte mass and its ingredients on the permeability of vessels. p. 41.
- Ventsak, E. M. - Immobilization of multiple blood transfusions. p. 44.
- Kofanova, I. U. B. - Effect of the transfusion of some blood substitutes and blood on the coronary blood circulation under normal conditions and in experimental coronary insufficiency. p. 46.
- Daniluk, A. N. - Changes in the gaseous composition of the blood following transfusion of polyglucin, BK-8 and 10% solution of sodium lactate in experimental cardiac wounds. p. 53.
- Fedorova, Z. P. - Use of blood substitutes in cardiac wounds under hypothermia conditions. p. 57.
- Tkachi, E. A. - Administration of a hypertonic solution of sodium lactate to animals in hypothermia complicated by hemorrhage and in hemotransfusion shock. p. 61.

- Naritskaya-Dantslari, T.I. - Glycolytic processes in washed out erythrocytes and the effect of sodium lactate on them. p. 65.
- Vetrov, T.V. - Decreasing the toxic effects of penicillin on the cardiac activity by means of sodium lactate. p. 69.
- Lobanets, K.A. - Some data on an experimental evaluation of a combined dry protein-salt plasma substitute. p. 71.
- Duvnik, M.I. - Obtaining dry antoglobulin serum for Coombs' test. p. 74.
- Kislovich, R.A. - Amino acid composition of a phenylhydrazine. p. 79.
- Dufrevich, A.S. - Preparation of dry lactate plasma. p. 83.
- Lavrik, S.S. - Preservation of bone marrow in glycerol by means of rapid freezing. p. 91.
- Bidova, L.M., and others. - Effect of bone marrow homotransfusions on the clinical course and biochemical changes in acute radiation sickness. p. 99.
- Laduh, T.L. - Regeneration of hemopoiesis in donors following the aspiration of various amounts of bone marrow experimentally and clinically. p. 103.
- Maldenova, R.I. - Effect of repeated experimental aspiration of bone marrow on the organism of the donor. p. 109.
- Polushchuk, R.S. - Determination of the hemolysis rate of preserved blood. p. 110.
- Martynov, S.M., Kuchuk, A.P. - Effect of the preservation of blood and plasma on the blood coagulation system. p. 112.
- Smolai, G.I. - Some data on the study of preserved cadaver blood from irradiated dogs. p. 119.
- Matkovskaya, L.F. - Experimental study of indicator media for accelerated bacteriological control of plasma. p. 122.
- Boltanova, Z.M., Zybailova, R.F. - Detection of bacterial pollution of preserved blood and its components. p. 125.
- Babli, Z.N., Rudenko, L.S. - Study of the growth of anaerobic bacteria on bacilliped agar with preserved blood. p. 129.
- Ganul, I.U. - Effect of deep freezing on the structure of splenic cells. p. 132.
- Ganul, I.U. - State of fresh and preserved spleen following subcutaneous transplantation in irradiated animals. p. 138.
- Gitis, E.L., Laimburg, D.E. - Immunological reactivity of the body of burn patients following skin autoplasty. p. 143.
- Laimburg, D.E., Rurbaia, R.D. - Skin homoplasty in burn disease in children. p. 146.
- Svichik, A.B., Vavrinich, A.F. - Preservation of homologous skin not detached from a tissue complex. p. 150.
- Doroshenko, I.G. - Immunological and toxic changes in experimental homotransplantation of the skin. p. 154.
- Petrov, D.G., and others. - Morphological and biochemical changes in homologous skin following thermal treatment with formalin. p. 156.
- Izraelova, P.V. - Experimental preservation of skin by the method of rapid and deep freezing. p. 161.
- Kelisevich, L.V. - Methods for the study of the viability of cells of preserved hypophysis and adrenal gland. p. 164.
- Iatsenko, V.P. - Method for the preservation of peripheral nerves by deep freezing. p. 169.
- Glanis, R.M., Klimkov, N.A., Petukhov, V.M. - Changes in the quantity of reticulocytes in the peripheral blood under the effect of a brief hypoxia as a method for evaluating the functional state of bone marrow. p. 175.
- Stukova, G.A., Simbirskaya, G.D. - Amino acid composition of blood plasma and erythrocytes in hypo- and aplastic states. p. 180.
- Boiko, V.A. - Some indices of oxidizing processes in hypoplastic anemia. p. 183.
- Boiko, V.A. - Manganese sulfate in the compound treatment of iron insufficiency anemias. p. 186.
- Vygovskaya, I.A. - Characteristics of the forming of endogenous thromboplastin in some hemorrhagic diatheses. p. 189.
- Izovskaya, L.A. - Qualitative composition of the thrombocytes in peripheral blood. p. 194.
- Ianovskaya, L.G. - Effect of X-ray irradiation on the processes of leucocytolysis in the blood. p. 197.
- Sheremeta, N.A. - Intensity and distribution of heterotrophic hyperplastic processes in hemoblastosis (leukemia). p. 199.
- Stakovetskaya, Z.S. - Distribution of some hematological diseases among the population of Kiev Province. p. 203.
- Grichenko, A.N. - Hematological characteristics of hemolytic anemia induced in an immune way in dogs. p. 207.
- Timoshenko, I.I. - Changes in blood regeneration rates under the effect of carbacholine administration. p. 213.
- Kundzel'skii, L.P. - Morphological changes in blood and hemopoietic organs under the effect of the preparation 484 in experimental leukemia. p. 210.
- Behesko, V.G. - Reaction of the hemopoietic system to an experimental chronic intoxication from barium chloride. p. 222.
- Chernenko, M.I., and others. - Antileukocytic antibodies and their significance in autoimmune diseases of the blood system and other systems of the body. p. 228.
- Savkin, B.T. - Activity of the fibrinolytic blood system in the postoperative period. p. 231.
- Novosad, N.A. - Blood coagulation in thrombophlebitis. p. 235.
- Mazurenko, V.A. - Study on burn antigens and antibodies by means of electrophoresis. p. 239.
- Kilmenko, L.F. - Blood serum proteins in various stages of burn disease. p. 242.
- Reshtnik, K.K. - Study of the Gm plasma factor in sera of healthy persons. p. 245.
- (DNLM)
- LABORATORNOE DELO [LABORATORY WORK].**
Issued by Ministerstvo zdavookhrameniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 10, 1965.
- Table of contents translated
- Kolpakov, I.S. - Optical polarization method of studying urinary calculi. p. 579.
- Ecilis, I.U. - Quantitative polarographic determination of microconcentrations of p-phenylenediamine and benzidine. p. 584.
- Manevich, L.E. - Spectrophotometric method of determining the extent of the blood loss during labor. p. 586.
- Morozova, V.T. - Method of determining bilirubin (according to Jendrassik, Cleghorn and Grof's method). p. 588.
- Okulov, V.I. - Determination of disulfide bonds in proteins. p. 591.
- Stepanov, G.S. - Determination of iodine bound with blood proteins. p. 594.
- Chudnovskaya, M.V., Dykova, N.S. - Determination of chlorine in serum with the aid of the indicator dichlorofluorescein. p. 600.
- Demina, A.A., Gannj, K.D., Larina, L.I. - Use of a meat-agar culture medium in growing whooping cough bacilli. p. 601.
- Salakina, R.G. - Use of an accelerated method in laboratory diagnosis of colicenteritis. p. 604.
- Zyryanov, A.I., Titkov, N.N. - Modification of the method of the negative image of the capsule. p. 608.
- Benimovich, M.S. - Statistical substantiation of optimal conditions for cell count in single-layer cultures. p. 609.
- Andreev, V.S., and others. - Wide-range apparatus for high-frequency noncontact titration. p. 614.
- Gofman, I.U. - Multilayer holder for the staining of electrophoretic patterns. p. 618.
- Vorobiev, N.V. - Attachment to cages of laboratory animals for efficient feed utilization. p. 619.
- Stolunov, A.K., Rjabov, F.P. - New model of a bacteriological bathometer. p. 620.
- Danilin, I.I., Stakste, I.I., Rogachev, I.U. - Standard lighting device used in measuring the amount of the third fraction of blood coagulation. p. 622.
- Erenichuk, S.A. - Improved method of washing test tubes and Petri dishes. p. 623.
- Podolskii, M.V., Karlova, N.G. - Determination of the residual moisture of lyophilized preparations in a vacuum-drying cabinet. p. 625.
- Gol'dfeld, R.S. - Results of the organization of a biochemical service in a polyclinic. p. 631.
- NEKOTORYE VOPROSY KLIMATOFIZIOLOGII I KRAEVOI PATOLOGII [SOME PROBLEMS IN CLIMATO-PHYSIOLOGY AND REGIONAL PATHOLOGY].**
Issued by Chitinskii gosudarstvennyi meditsinskii institut i Chitinskoe oblastnoe otdelenie Vsesoyuznogo obshchestva patofiziologov [Chita State Medical Institute and the Chita Province Branch of the All-Union Society of Pathophysiologists]. Chita, no. 3, 1963.
- Table of contents translated
- Kozlov, V.A. - Role of meteorological elements in the seasonal dynamics of physiological functions. p. 3.
- Kokhanskii, V.V. - Changes in the indices of the function of the cardiovascular system during the 11-year cycle of solar activity. p. 20.
- Kozlov, V.A., Klueva, S.I., Voino-Iasnetskaya, E.M. - Variations of neutrophil leucocytes in the blood during the cycle of changes in solar activity. p. 26.
- Voino-Iasnetskaya, E.M. - Variations of the absolute quantity of eosinophils in connection with seasons and solar activity. p. 37.
- Kozlov, V.A., Pristal, I.A.P., Borisov, V.K. - Differences of hematological changes in acute forms of appendicitis in years of maximal and minimal solar activity. p. 41.
- Kokhachevskii, V.V., Moizov, F.I., Sheerbanov, A.I. - Materials on acclimatization in the steppe regions of Transbaikalia. p. 46.
- Kokhanskii, V.V. - Seasonal variability of the changes in cardiac minute volume following a standard stress. p. 52.
- Zaikov, B.A. - Diurnal dynamics of the pulse rate and maximal suppression of respiration in different seasons. p. 57.
- Kuznik, B.I., and others. - Some seasonal characteristics of the regulation of the blood system in animals in the ultracontinental climate of Transbaikalia. p. 60.
- Kushnir, I.M., and others. - Cycle variability of leucocytes and leucocyte sedimentation rate in pregnancy. p. 65.
- Shovkun, P.A. - Effect of some climatic factors of Transbaikalia on the state of patients with the fibrovascular form of tuberculous. p. 73.
- Rabinovich, P.D. - Seasonal variations in the secretion of gastric mucus in people living in the mountains. p. 80.
- Sheerbanov, A.I. - Changes in the muscular tone under the effect of physical stresses in different seasons. p. 83.
- Grobstein, S.S., Vasilov, S.I. - Fluorescence of the mucous membrane in atrophic catarrh of the upper respiratory tract before and following hydromineralotherapy from the mineral springs of Transbaikalia. p. 88.
- Kogan, S.M. - Degenerative lesions of the spleen in Transbaikalia. p. 90.
- * PROBLEMY GEMATOLOGII I PERELIVANIA KROVI [PROBLEMS OF HEMATOLOGY AND BLOOD TRANSFUSION].**
Issued by Ministerstvo zdavookhrameniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 3, 1965.
- Table of contents translated
- Pollinskaya, A.M., and others. - Changes in the blood serum proteins in chronic lymphoid leukemia. p. 9.
- Gigul'seva, Z.N. - Some immunological indices in the leukopenic form of acute leukemia. p. 13.
- Filina, S.A., Pogodina, N.Kh. - Isohemagglutination and isohemagglutinin content of the blood in cancer in donors. p. 10.
- Sandler, G.P. - Isohemagglutinin titer in hemoblastosis. p. 12.
- Mutanskii, D.A. - Some changes in the functional state of the blood coagulation system in experimental leucosis. p. 16.
- Podakov, O.S. - Incidence of the C₂ antigen in the blood of a population group in the Soviet Union. p. 19.
- Shifchuk, Kh.V., Ventsuk, J.M. - Isohemagglutination to leucocytes in pregnancy. p. 21.
- Ashkenazi, A.I.A. - Obtaining of large quantities of universal anti-Rhesus serum by using various colloidal diluents. Report No. 2. p. 24.
- Malukhova, G.M., Sardakova, V.V., Rozanova, N.S. - Study of specific amphiphetogenic and hemodynamic properties of heteroprotein antibodies to denaturation. p. 30.
- Murazian, R.I., Gershtman, E.I., Pion, A.A. - Use of blood substitutes in the treatment of extensive superficial burns. p. 34.
- Alperin, P.M., Shchuklova, H.N., Solov'yeva, T.I. - Effect of blood transfusions on cardiovascular activity in various myocardial diseases. p. 37.
- Pordinkov, V.A., Kalinina, N.S. - Obtaining of large quantities of anti-Rhesus serum. p. 42.
- Uspenskaya, O.V. - Central district serological laboratories of the Kaluga Province. p. 44.
- Gutik, R.B. - Method of separating plasma for blood preparation in plastic bags. p. 47.
- Fedorov, N.A., and others. - Current aspects of experimental and clinical hematology; based on data of the 10th International Congress on Hematology. p. 49.
- Umov, M.A. - Some problems concerning the organization of a hematological service in the Hungarian People's Republic. p. 55.
- (DNLM)
- No. 5, 1965.
- Table of contents translated:
- Kislov, A.E., Lipata, A.A. - Public health and the problem of blood donors. p. 3.
- Kuznik, B.I. - Effect of erythrocytes on blood coagulability. p. 10.
- Minkovskii, I.U.E., Muranova, A.D. - Dynamics of megakaryocytopoiesis in children with Werlhof's disease during plasmapheresis therapy. p. 17.
- Lovitskaya, S.V., Kats, E.B. - Thrombocytopenic syndrome in hemangiomas. p. 22.
- Bain, I.U.M., Lishits, V.M. - Clinical significance of trace elements in leukemia and anemia. Report No. 1: Nickel, vanadium, manganese. p. 23.
- Matevich, A.S. - Changes in the formation of thromboplastin in fractures. p. 34.
- Denovolskaya, S.V., Chernysheva, G.T., Ramonova-Tshkova, O.D. - Monoclonal leukocytic cultures of human leukemic blood. p. 37.
- Kuchuk, A.P., Shimanakia, B.M. - Preparation of antihemophilic plasma. p. 43.
- Eremchuk, G.F. - Two-stage method for obtaining donor blood with higher hemostatic properties. p. 49.
- Podolskii, M.V., Vidavskii, G.M. - Study of the microstructure of dry blood preparations. p. 51.
- Kutsenko, V.V. - Congenital leukemia in a 2 1/2-month-old child. p. 54.
- Shapel'tso, V.P. - Acute leukemia in twins. p. 51.
- (DNLM)

REFERATIVNYI ZHURNAL' OBSHCHIE VOPROSY PATOLOGII ONKOLOGIIA (Otdel'nyi vypusk 53) [JOURNAL OF ABSTRACTS GENERAL PROBLEMS OF PATHOLOGY ONCOLOGY (Separate Issue 53)] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U S S R]. Moscow, nos 18, 21, Sep - Nov 1965.

SPORNIK NAUCHNYKH RABOT VRACHEI SANATORNO-KURORTNYKH UC HREZHDENII PROTSOLUZOVOV [PAPERS BY DOCTORS OF TRADE UNION HEALTH RESORT INSTITUTIONS] Issued by Tsentral'nyi sovet po upravleniiu kurortami protsoluzov [Central Council on the Administration of Trade Union Health Resorts]. Moscow, no 1, 1964.

Table of contents translated

- Torokhina, M.D. - Mineral waters and the development of a sanatorium and health resort network in Transcarpathia. p. 7.
- Kalina, E.P. - Development of Druskinskai Health Resort in the postwar period. p. 13.
- Tantaleva, M.D. - Twelve years' experience of using psychotherapy in the First of May Neurological Sanatorium. p. 18.
- Ganitskaya, G.A. - Use of the proof method of examination of the higher nervous activity for the evaluation of the effectiveness of sanatorium treatment of neurasthenics. Preliminary report. p. 25.
- Akopova, E.I., and others. - Effectiveness of compound health-resort treatment of residual phenomena following infectious diseases of the central nervous system. p. 29.
- Bradenko, E.N. - Results of using diadynamic currents in compound sanatorium and health-resort treatment at the southern coast of the Crimea. p. 33.
- Baranova, I.I. - Noncontrast ionocytography in lumbosacral radiculitis. p. 40.
- Kapandze, P.R. - Gastric secretory activity under the effect of mud applications and in their combination with the internal use of Borzhomi mineral water. p. 50.
- Balkov, L.K., Sokolovskii, A.N. - Effect of "Naftusa" spring mineral water on some gastric functions. p. 56.
- Teren'teva, L.A., and others. - Effect of mineral water from Baltia spring on the secretory function of the stomach, bile secretion and activity of the intestine. p. 64.
- Shirokov, M.E. - Methodology of therapy with potable Darasun mineral water of chronic gastritis. p. 67.
- Kratkov, I.M. - Use of yeasts in the treatment of gastritis. p. 76.
- Zatonskiy, E.M., and others. - Comparative evaluation of various methods of gastric lavage with "Yessentuki" No. 4 mineral water in chronic gastritis. p. 79.
- Kholkina, M.L., and others. - Changes in gastric secretory function in diseases of the stomach during a prolonged use of mineral water at Arshan Health Resort. p. 84.
- Kononov, I.I. - Late results of sanatorium treatment of ulcerous diseases of the stomach and duodenum. p. 90.
- Krasavina, A.S. - Results of health-resort treatment of adolescents and youths with gastric and duodenal ulcers. p. 95.
- Vaghi, V.E., Russulova, Kh.N. - Morbid states following resection of the stomach and their compound treatment. p. 98.
- Kleinman, M.A. - Dietsotherapy in the compound sanatorium treatment following resection of the stomach for peptic ulcer. p. 105.
- Tvarkovskaya, M.T., and others. - Effectiveness of ambulatory treatment of patients with ulcero-penetrating gastric ulcer at Yessentuki Health Resort. p. 114.
- Teren'teva, L.A., Vina, E.A. - Results of compound treatment of gallbladder and liver diseases at "Baltia" sanatorium. p. 118.
- Achukova, I.O., and others. - Effectiveness of ambulatory treatment of cholelithiasis patients at Zheleznovodsk Health Resort. p. 121.
- Pozdnev, S.S., Loyka, L.G., Kudavatykh, A.I. - Treatment of chronic angiocholecystitis at Arshan Health Resort. p. 126.
- Semionov, F.G., and others. - Tubage as a means of increasing the effectiveness of electro- and mud therapy in chronic infectious cholecystitis. p. 132.
- Fedorovskaya, M.F., and others. - Results of the treatment of chronic colitis of infectious etiology by means of siphon lavage of the intestine with hypotonic solution of Tumbukan mud. p. 136.
- Begak, A.M., Melikova, I.G. - Colibacillosis in adults. p. 140.
- Batmanov, N.N., and others. - Experience in the detection and treatment of the chronic forms of amoebiasis. p. 144.
- Ambrasilina, K.A. - Treatment of hypertension at Druskinskai Health Resort. p. 147.
- Tuborovskii, D.D. - Treatment of cardialgia with novocaine electrophoresis on the cardiac region. p. 155.

Tarashkevich, V.V. - Therapeutic nutrition in the compound treatment of cardiovascular diseases at Kislovodsk. p. 160.

Vorshavskaya, T.G., Glotova, G.S. - Laboratory control of the treatment of endarteritis obliterans. p. 168.

- Peter'muier, D.L. - Results of the treatment of infectious nonspecific (hematoid) polyarthritis at Yovpatariya Health Resort. p. 173.
- Kallaps, K. - Treatment of scapulohumeral periarthritis with peri- and intra-articular hydrocortisone injections. p. 178.
- Zaitsev, D.I. - Treatment of diseases of the locomotor apparatus and nervous system at Uiguchan Health Resort. p. 182.
- Davina, L.F., Gorbainova, Z.I. - Late results of the treatment of female sterility at Lipetsk Health Resort. p. 186.
- Chernov, V.M. - Results of treating dermatoses at Pyatigorsk Health Resort. p. 191.
- Begak, A.M. - Vitiligo. p. 194.
- Kotlar, I.V., Germanov, P.N. - Use of inductotherapy combined with other physical factors. p. 198.
- Vaisfeld, D.N., Beierovskaya, R.O., Litmanova, L.L. - Possibility of using hexonium by means of electrophoresis. p. 202.
- Abashov, A.S. - Work processes as a therapeutic factor in sanatorium treatment. p. 209.
- Paisadanov, P.G. - Controlled therapeutic walking. p. 215.
- Balkov, L.K., Saratovskii, V.G. - Active manifestation of latent forms of diabetes mellitus. p. 219. [DNLM MICROFILM]

* VOPROSY ONKOLOGII [PROBLEMS OF ONCOLOGY] Issued by Ministerstvo zdoravookhraneniia SSSR [Ministry of Health of the U S S R]. Moscow, vol 11, no. 10, 1965.

Table of contents translated

- Grain, A.M., and others. - Clinical use of high single doses of sarcosine and endoxan (cyclophosphamide). p. 3.
- Kruglova, G.V. - Results of the use of asaline in a clinic. p. 10.
- TSigel'nik, A.I.A., Grigorieva, V.I. - Importance of determining fibrinogen in the blood plasma in differential diagnosis of cancer and tuberculosis of the lungs. p. 10.
- Kholidin, S.A. - Expanded axillary-axillary mastectomy and its place in treating cancer of the breast. p. 23.
- Donskoi, M.D., Potenko, V.K. - Pathogenesis and clinical importance of eosinophilic reaction in patients with cancer of the breast in the process of treatment. p. 33.
- Smiltor, R.R. - 17-Ketosteroid content in the urine of patients with cancer of the breast. p. 39.
- Nivinskaya, M.M. - Some characteristics of a metastasizing melanoblastoma of the eye. p. 44.
- Golubevskiy, B.M. - Seasonal variations of mortality from cancer. p. 49.
- Rukavishnikova, V.G. - Tissue nature of the so-called alveolar sarcoma of soft tissues. p. 52.
- Koslovskiy, P.N., Korosteleva, V.S. - Chemical nature of antigens determining the specificity of cancerous tumors in man. p. 58.
- Kondal'teva, A.F., Mel'nikov, R.A. - Transplantation of an osteogenic sarcoma into different tissues and organs. p. 63.
- TSyrkina, E.V. - Effect of chemotherapeutic preparations combined with the extract of *Eleutherococcus senticosus* on the formation and development of metastases of an SSK tumor. p. 70.
- Aleksandrov, S.N., Galkovskaya, K.F., Baidachenko-Rostovtseva, T.I. - Treatment of experimental radiation sickness with bone marrow and antibiotics. p. 77.
- Moncevicute-Eringene, E. - Growth stimulation of sarcoma-45 induced by a preliminary injection of the tumorous tissue treated with ionin 3. p. 81.
- Sviridov, N.A. - Comparative evaluation of suturing apparatuses for the formation of esophagointestinal anastomoses. p. 85.
- Ol'shanetskii, A.S. - Diagnostic value of rectomanoscopy in an outpatient clinic. p. 90.
- Vinnik, L.F., Sidorov, K.A. - Early diagnosis and surgical tactics in cancer of the thyroid gland. p. 95.
- Kiseleva, E.S., Dar'jalova, S.L. - Late results of treatment of so-called mixed tumors of the parotid gland according to materials of the P.A. Gerasimov State Oncological Institute for the period 1945 - 1962. p. 100.
- Minenkova, E.A., Vermet', E.M. - Chemotherapy of tumors of the adrenal cortex, preparation DDD. p. 106.
- Kalinin, A.P., Balabolkin, M.I. - Syndrome of hypercorticism in malignant tumors of different organs. p. 114. (DNLM)

f. PHARMACY & MATERIA MEDICA

* ANTIBIOTIKI [ANTIBIOTICS] Issued by Ministerstvo zdoravookhraneniia SSSR [Ministry of Health of the U S S R]. Moscow, no 3, 1965.

Table of contents translated

- Bogdanova, N.P., and others. - Identification of the antibiotic 1160 produced by actinomycetes from the *Actinomyces griseus* group. p. 195.
- Maksimova, T.S., and others. - Antitumor antibiotics of the enamine group produced by actinomycetes. p. 201.
- Blumberg, N.A., Kalamova, N.I. - Studies on the toxicity and chemotherapeutic properties of antitumor antibiotics of the enamine group. p. 207.
- Orlova, N.V., Smolenskaya, N.M. - Studies on the effect of the conditions of fermentation on the production of oxytetracycline derivatives by *Actinomyces rimosus* cultures. p. 210.
- Samsarov, G.V., Elingov, E.D. - Separation of various components of tetracycline using the gel-filtration method through G-25 sephadex and potentiometric titration. p. 217.
- Semenov, M.N., Zubova, O.B., Silaev, A.D. - Antibiotic associated with fumagillin. p. 219.
- Ozeretskovskii, N.A. - Experimental production of antibodies against streptomycin and mycin. p. 222.
- Klimova, N.E. - Stimulating effect of erythromycin on the development of chick embryo. p. 225.
- Kiyman, G.I.A., Smol'nikova, N.M. - Interaction of tetracycline with liver cell components in rats. p. 229.
- Mirzozin, E.Z., Kuznetsova, E.S. - Desensitizing effect of streptomycin on specific hyperergin in experimental tuberculosis. p. 235.
- Kadyrov, B.F. - Effect of cortisone on the therapeutic effectiveness of monomycin. p. 240.
- Muravievskaya, V.S. - Determination of the concentration of streptomycin, dihydrostreptomycin, colistin and monomycin in the labyrinthine fluid in guinea pigs. p. 245.
- Ershov, P.I., Zhdanov, V.M., Tsaeva, A.A. - Multiplication of the Venezuelan equine encephalomyelitis virus in cells treated with actinomycin D. p. 250.
- Zhdanov, V.M., Ershov, P.I. - Use of puronin for the inhibition of the growth of the Venezuelan equine encephalomyelitis virus. p. 255.
- Solov'ev, V.E. - Study of the sensitivity of enteropathogenic coli bacilli to antibiotics in vitro. p. 259.
- Drozdovskii, B.M. - Variability of enteropathogenic coli bacilli under the influence of some antibiotics. p. 262.
- Soffer, R.D. - Control of foaming in biosynthesis. p. 264.
- Torbochikina, L.I. - Composition of bacterial cell membranes and the effect of penicillin. p. 272.

APTECHNOE DELO [PHARMACY] Organ of Ministerstvo zdoravookhraneniia SSSR [Ministry of Health of the U S S R]. Moscow, vol 14, no 1, Jan.-Feb 1965.

Table of contents translated

- Kiluev, M.A. - Increase of the drug quality means improvement in the medicinal service to the population. p. 3.
- Sato, V.M. - More attention to the problems of drug stability. p. 8.
- Grietskii, V.M. - Breakdown of emulsion ointment bases by freezing. p. 10.
- Azhgikhin, I.S. - Use of Kaminskii's device for the determination of the solidity of suppository bases. p. 14.
- Kulesh, K.F., Bugrim, N.A., Kneev, F.A. - Replacing of extemporaneous drugs with tablets. p. 19.
- Brianauskaitė, D.I., Nikonov, G.K. - Chemical study of brimstones *Peucedanum tauricum* M.B. and *Peucedanum calcareum* Alb. p. 25.
- Glyzin, V.I., Senov, P.L. - Alkaloids from the rootstocks of *Nardostemma laevigata* Willd. DC. p. 29.
- Vereshchako, F.A. - Biology of the pyrethrum. p. 31.
- Dzhalilov, D.R., Shumov, I.P., Gorlaev, M.I. - Polarographic determination of santonin in the wormwood *Artemisia cinna*. p. 36.
- Ivakhnenko, P.N., Bagdasarov, K.N. - Spectrophotometric study of ethacridine diazotization. p. 38.
- Perel'man, I.A.M. - Potentiometric titration of platyphylline hydrochloride in aqueous and non-aqueous solutions. p. 44.
- Ribychk, L.D. - Solid phase reactions in pharmaceutical analysis. p. 49.
- Dubovikov, I.K. - School of leading experience. p. 52.
- Krivos, V.I., Dolgikh, V.K., Motel'skaya, L.I. - Rationalization of packing work. p. 57.
- Makeenko, S.G., Kornetsov, I.D. - Drying medicinal plant raw material under field conditions. p. 61.

- Nikolaeva, F. A., Bugdanova, A. M., Stepanova, Z. A. - Microbiological purity of solutions for injections and eye drops. p. 64.
- Kushnir, Z. R. - Methodology for the quantitative determination of atropine in the leaves of belladonna. p. 69.
- Murza, F. M., Kats, A. M. - Accelerated method for the filtering of concentrates. p. 70.
- Dzhtsgerman, I. A. - Device for sealing bottles. p. 72.
- Romanova, A. S., Ban'ko skii, A. I. - Methods for quantitative determination of anthracene derivatives in the roots of rhubarb. p. 74.
- Fil'mun, A. M. - New literature on pharmaceuticals published in 1964. p. 81.
- Acetidine. p. 92.
- Valentin Aleksievich Zaitsev, an obituary. p. 94.

FARMATSEVICHNYI ZHURNAL [PHARMACEUTICAL JOURNAL] Issued by Ministerstvo oshorony zdorov'ia URSR [Ministry of Health of the Ukrainian S. S. R.] Kiev, vol. 20, no. 1, 1965

- Table of contents translated
- Hubs'nyi, I. M. - Procurement, storage, and use of medicinal plants. p. 3.
- Zutenko, V. H., Turkevych, M. M. - Synthesis of azolidine derivatives with a possible hypoglycemic effect. Report No. 3. Sulfacyl derivatives of pseudo-thiohydantoin. p. 6.
- Vetsman, A. M., Moleva, N. I. - Synthesis of 17 α -hydroxyprogesterone capronate. p. 10.
- Bliznyukov, V. I., Grin', V. O., Tite'nyi, H. D. - Structure and bacteriostatic activity of hydroxy and methoxy analogs of some sulfanilamides. p. 13.
- Pinazhko, R. M. - Ultraviolet absorption spectra of pharmaceutical preparations, pyridine derivatives. p. 17.
- Blazhek, I. A., Krachmar, I. - Spectrophotometric determination of cytostatics from the dichloroethylamine group (dopan and sarcosyls) in the ultraviolet region. p. 22.
- Huzman, M. Kh., Bashura, H. S., Levits'ka, I. B. - Study of structural and rheological properties of water-soluble cellulose ethers in various degrees of polymerization. p. 26.
- Iavors'ki, M. P. - Color reactions of sodium 1,2-naphthoquinone-4-sulfonate with drugs. p. 29.
- Pozdnakova, V. T., Novyrevich, A. M. - Microcrystalline reactions to cordamine and phenazine and their utilization in the study of medicinal mixtures. p. 33.
- TSarenko, M. A., Shraiber, M. S. - Fluorometric method for quantitative determination of serpentine. p. 37.
- Pivnenko, H. P., Sotnikova, O. M. - Production of extracts from alkaloid-containing vegetable medicinal raw material under the effect of ultrasound. p. 39.
- Iashchenko, D. V. - Thermonephometric method for quantitative determination of valiol and menthol in tablets. p. 42.
- Danysov, M. D. - Studies in the field preparing injection solutions. Report No. 2. Effect of hydrogen concentration on the stability of dicaline, benzocaine and novocaine injection solutions. p. 46.
- Aleksiev, V. S., Ban'kovskiy, O. I. - Pyrrolizidine alkaloids in some ragweed species. p. 49.
- Bagrii, O. K. - Anthraglycosides in some species of the rumex. p. 54.
- Lapynina, L. O. - Flavonoid composition of the grass *Gallega officinalis*. p. 57.
- Borysov, M. I., Borysuk, I. H. - Phytochemical study of the plant *Galium cruciatum*. p. 63.
- Zykova, N. A., Kryvenchuk, P. I. - Phytochemical study of the soapberry tree. Report No. 3. Study of saponins in the seed vessel of the soapberry tree. p. 66.
- Karpus', I. P. - Microscopical study of representatives of the genus *Larkspur Delphinium L.* of the family Ranunculaceae. Report No. 1. p. 71.
- Angara'ka, M. A., Bezruk, P. H., Tkachenko, D. A. - Pharmacological properties of the cardiac glycoside *bovoside A*. p. 77.
- Akopian, O. K. - Loss of tropane group alkaloids during their isolation from biological material. p. 80.
- Vasyuchenko, O. H. - Ways to improve the work of galenic pharmaceutical enterprises in the Ukraine. p. 85.
- Jyschor, I. A. - How we organized the work in the central district drug store. p. 88.
- Kravchenko, I. M. - New drugs. p. 94.

MEDITSINSKAIA PROMYSHLENNOST' SSSR [MEDICAL SUPPLIES INDUSTRY OF THE U. S. S. R.] Organ of Ministerstvo zdoravookhraneniia SSSR [Ministry of Health of the U. S. S. R.] Moscow, vol. 19, no. 10, Oct. 1965

REFERATIVNYI ZHURNAL: FARMAKOLOGIJA TOKSIKOLOGIJA (Otdel'nyi vypusk 54) [JOURNAL OF ABSTRACTS PHARMACOLOGY TOXICOLOGY (Separate Issue 54)] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.] Moscow, nos. 20, 22, Oct.-Nov. 1965.

VOPROSY MEDITSINSKOI KHIMII [PROBLEMS OF MEDICAL CHEMISTRY] Issued by Ministerstvo zdoravookhraneniia SSSR [Ministry of Health of the U. S. S. R.] Moscow, vol. 11, no. 1, Jan.-Feb. 1965

- Table of contents translated:
- Pevzner, L. Z., Tonina, E. D. - Biochemical and cytochemical characteristics of cerebral tumors. p. 3.
- Khashimova, P. R. - Characteristics of serum proteins in acute hepatitis. p. 17.
- Brenner, S. M. - Metabolism of vitamin B₆ and its effect in acute hepatitis. p. 22.
- Rubina, Kh. M., Romanchuk, L. A. - Activity of glutathione reductase of the blood in rats under normal conditions and in oxygen insufficiency. p. 27.
- Pertseva, M. N. - Inhibiting effect of cortisone on the glucokinase activity of skeletal muscles in chick embryos. p. 31.
- Egorova, V. A., Blinova, A. I., Solts, I. F. - Energy metabolism in human thrombocytes under normal conditions, in polycythemia and chronic myelosis. p. 35.
- Nguyen-thi-Thin, Sytneski, I. A. - γ -aminobutyric acid in the brain of monkeys in spasms caused by picrotoxin. p. 41.
- IAkovlev, N. N. - Effect of vitamin B₆ on the biochemical processes in muscular activity. p. 44.
- Smirnov, G. A. - Significance of acetylation and oxidation in the inactivation of preparations of isonicotinic acid hydrazide. p. 50.
- Dosta, G. A. - Activity of glucose-6-phosphatase and alkaline phosphatase of the liver in mice during treatment with some antitubercular preparations. p. 58.
- Cherniak, N. B., Lapteva, R. I. - Substrates of anaerobic metabolism of carbohydrates in human blood platelets. p. 60.
- Prilev, I. G. - Copper and iron metabolism in anemia in guinea pigs. p. 66.
- Kogan, A. Kh., Malov, G. A., Kalchikina, N. S. - Inclusion of P32 in nucleic acids and of S35 in proteins of malignantly degenerating capsules of connective tissues. p. 70.
- Paoli, L. E. - Effect of ACTH on the development of hypercholesterolemia in starving rabbits. p. 75.
- D'Ischikova, A. A. - Effect of cortisone and betanone on the oxidation of tyrosine in the liver of mice with experimental leukemia. p. 81.
- Ulasovich, I. I. - Protein fractions of muscles in experimental E. avilamiosis in guinea pigs. p. 85.
- Pokrovskaya, E. I., Tereshchenko, A. P., Chizhov, S. V. - Chromatographic separation of cations of the urine. p. 89.
- Manoilov, S. E., Derkachov, E. F. - Effect of X rays on cytochrome C in vitro. p. 95.
- Dobrylina, O. V. - Biosynthesis of ascorbic acid and carnitine and their intracellular distribution in the muscle tissue in chickens. p. 97.
- Vulfson, P. L., Skolysheva, L. K. - Activity of muscular phosphorylase "b" under various conditions of pericrystallization and storage. p. 99.
- Kilmov, A. N., and others. - Inhibitors of the biosynthesis of cholesterol and fatty acids in the liver in rats by derivatives of mevalonic acid. p. 101.
- V. A. Engel'gard, on his 70th birthday. p. 104.
- Vitalii Sergeevich Il'in; on his 60th birthday. p. 107.

Vol. 11, no. 2, Mar.-Apr. 1965

- Table of contents translated:
- Men'shikov, V. V., Bol'shakova, T. D. - Methylation problems in catecholamine metabolism. p. 3.
- Chernysheva, G. V., Meerson, P. Z. - Dynamics of the enzymatic activity of myocardial myosin in compensatory cardiac hypertrophy. p. 17.
- Tatarinov, I. U. - Content of embryospecific α -globulin in the serum of fetuses, newborn infants and adult persons in primary cancer of the liver. p. 20.
- Zakharova, L. V., Derviz, G. V. - Respiration of cadaverous skin preserved under low temperatures. p. 24.
- Drzhevel'skaya, I. A., Morozova, L. I. - Insulin activity in the blood of healthy persons. p. 26.
- Perevoshchikova, K. A., Bolousov, A. P., Shishkov, V. P. - Accumulation of glutamine by tumors and its inclusion in the proteins of tumorous and normal cells. p. 32.
- Telepneva, V. I., Isaeva, I. V. - Enzymatic transformations of nicotinamide dehydrogenase in extracts of normal skeletal muscles and in their denervation. p. 36.
- Kaplanski, S. A., Azlavchik, A. V. - Content of sulfhydryl and disulfide groups in proteins of human blood serum in some liver and kidney diseases. p. 41.
- Soprunov, F. F., Stefanovskaya, N. V., Kurbanov, Kh. - Rates of renewal and characteristics of the biosynthesis of proteins of the blood plasma and skin in rabbits. p. 46.
- Shprichev, V. B., and others. - Effect of compensatory hypertrophy and hypertrophy of the heart on the content of vitamins B₁, B₂ and B in the myocardium and liver in rabbits. p. 54.
- Krekova, M. A. - Method of fractional determination of 17-ketosteroids by means of thin-layer chromatography. p. 60.

- Dudanova, S. I. - Role of the so-called secretory function of the liver in the pathogenesis of its acetocholesterolemia. p. 68.
- Pokrovskii, F. A. - Modified method for direct determination of neutral fats. p. 74.
- Donchenko, G. V. - Determination of the content of ubiquinone in the tissues and mitochondria of the liver in rats. p. 76.
- Kulinskii, V. M., Roomer, U. A. - Content of zinc in blood serum and urine in healthy persons. p. 82.
- Glinodan, I. M., Solov'eva, T. A. - Determination of pepsin and gastrin in the gastric juice in man. p. 87.
- Gubarev, E. M., Efimtseva, E. P. - Methodology of the isolation and study of the polysaccharides of cholesterolemia. p. 89.
- Poverenniy, A. M., Levi, M. I. - Existence of two types of antibodies to deoxyribose nucleic acid. p. 95.
- Karelin, A. A., Pollantseva, L. R. - Detection of transaminases in the blood serum and urine in various kidney diseases. p. 97.
- Patukova, M. V. - Plasmalogens in the cerebral mitochondria in chicken in ontogeny. p. 99.
- Cherniak, N. - International Symposium on the Structure and Functions of Erythrocytes in Berlin (German Democratic Republic). p. 106.

G. PUBLIC HEALTH & NURSING

FELDSHER I AKUSHERKA [FELDSHER AND MIDWIFE] Issued by Ministerstvo zdoravookhraneniia SSSR and Ministerstvo zdoravookhraneniia RSFSR [Ministry of Health of the U. S. S. R. and the Ministry of Health of the R. S. F. S. R.] Moscow, vol. 30, no. 11, Nov. 1965

* GIGIENA I SANITARIJA [HYGIENE AND SANITATION] Issued by Ministerstvo zdoravookhraneniia SSSR [Ministry of Health of the U. S. S. R.] Moscow, vol. 30, no. 10, Oct. 1965.

- Table of contents translated:
- Iuldashev, T. - Experimental data for hygienic substantiation of the maximum permissible concentration of ethylene oxide in the air. p. 3.
- Davtyan, S. A. - Some physiological changes in children under conditions of air pollution by cement plants. p. 7.
- Kulzhakov, V. A., Dolomova, O. I., Gerasimov, V. A. - Effect of fluorinated water on hemopoiesis. p. 12.
- Minkin, E. L. - Determination of the boundaries of the second sanitary protection zone around a high water intake of underground water under conditions of unfiltered current. p. 15.
- Zakhtov, A. Z., Atabeyev, Sh. T. - Pollution of the soil and water in agricultural use of polycyclic aromatic hydrocarbons in Uzbekistan. p. 26.
- Poloshovskii, V. V. - Toxicity of lithium compounds of industrial significance. p. 28.
- Gilleva, I. A., Solov'eva, T. A. - Reaction of the blood system to the occupational effect of vibration and noise. p. 34.
- Lukashova, N. V., Matynova, A. P., Solov'eva, T. V. - Chemical and hygienic characteristics of volatile products discharged in the thermal treatment of polyphenylene fibers. p. 37.
- Anshel', Z. Z. - Hygienic characteristics of work conditions in the industrial use of ultrasound. p. 41.
- Krasnovidov, V. N. - Effect of the curriculum at a school for children with impaired vision on the functional state of the students' nervous system. p. 46.
- Malygin, A. A. - Some problems of industrial hygiene in the mining of radioactive ores. p. 51.
- Neslerenko, A. I. - From the history of Soviet sanitary education. p. 58.
- Gurvich, L. S. - F. I. Erlanov and some general problems of the development of hygiene; on the 50th anniversary of the death of the outstanding Russian scientist. p. 61.
- Poletov, M. I. - Colorimetric determination of small quantities of indole in the air. p. 64.
- Dialovitskaya, F. G., Gladenko, E. F. - Separate determination of volatile phenols by means of paper chromatography. p. 65.
- Kalina, G. P. - Effective polymyxin medium for the isolation and quantitative determination of enterococci in the feces and objects of environment. p. 68.
- Obaturov, G. M., Zakhvin, A. K. - Determination of the total absorbed dose in internal irradiation. p. 71.
- Trutnov, I. A., Filipovskaya, K. M. - Some forms of teaching the course of communal hygiene. p. 72.
- Gabovich, R. D. - Experience in teaching communal hygiene. p. 80.
- Ernstov, V. V., Dodonov, V. N., Sobolovskii, G. N. - Summer practical training of students passing from the 4th to the 5th year. p. 83.
- Mol'ster, F. G., and others. - Decrease of air pollution in Tashkent. p. 86.

- Kotik, S.A. - Hygienic characteristics of the manual cuffless pump BN-10, p.88.
- Sokolov, A.F., Pakhotina, N.S. - Hygienic evaluation of technical improvements at a lead plant, p.89.
- Bulavko, L.S. - Case of poisoning with the seeds of ornamental beans, p.90.
- Gusarov, I.I., Lev, Kh.O. - Experience in the work of group radon laboratories in Sochi, p.91.
- Cherkinski, S.N. - Pollution of water reservoirs and the state control network in the U.S.S.R., p.95.
- Chizhikov, V.A. - Methodology for functional electroencephalography in studying the effect of imperceptible concentrations of noxious substances on human organism, p.99.
- Gemke, G.R., Pakhotina, N.S. - Effect of discharges of the enterprises of nonferrous industry on arterial pressure, p.102.
- Strukov, T.M., Slayina, I.P., Rozentainne, L.V. - Artificial enrichment of underground waters, p.104.
- Segeev, V.V. - Survival of Escherichia coli, enterococcus and the pathogen of typhoid fever in chlorinated and nonchlorinated water, p.105.
- Chistovich, G.N., and others. - Experience in the sanitary microbiological evaluation of agricultural irrigation fields in the suburban region of Leningrad, p.107.
- Dumashin, V.I. - Extent of the cumulation of DDT in human organism entering with the food and its toxic effect, p.109.
- Segeev, V.S., and others. - Sanitary bacteriological characteristics of clean dishes in public eating institutions, p.109.
- Boisov, A.P. - Energy expenditure in students of the 9th - 10th grades of boarding schools, p.111.
- Vainberg, M.Sh., Terman, A.V. - Radioactive contamination of the working points of gamma apparatus and its hygienic evaluation, p.113.
- Kramchukov, N.F., Popova, P.V. - Materials on the history of medical aid for workers of industrial enterprises in Russia, excerpts of physician K. Balanovskii's work "Mobility among workers of the Shlissel'burg Cotton Plant", 1901, p.116.
- Norikoy, I.U. - Joint session of the Sanitary Hygienic Commission of the Scientific Medical Council of the Ministry of Public Health of the U.S.S.R., and the Plenum of the Board of the All-Russian Society of Hygienists and Public Health Physicians, p.118.
- Lev, L.I., Abramovich, G.A. - Activity of the Sanitary Branch of the All-Russian Society of Hygienists and Public Health Physicians, p.120.
- Gushko, I.A.M. - Irkutsk Branch of the All-Russian Society of Hygienists and Public Health Physicians, p.120.
- Zakhidov, A.Z. - Activity of the periodical "Gigiena i sanitariya" in 1964, p.121.
- In memoriam S.V. Karashov, p.122.
- On the 70th birthday of Professor L.I. Mats, p.125.
- On the 70th birthday of V.M. Zhabotinski, p.126.

h SURGERY & DENTISTRY

KLINICHESKAYA KHIRURGIYA [CLINICAL SURGERY].

- Kiev, no.2, 1965.
- Table of contents translated.
- Datsenko, D.M. - Experimental angioplasty of peripheral arteries using venous autografts, p.3.
- Novikov, V.M. - Rheovasography for the evaluation of a lumbar nerve root block applied with A.V. Vishnevskii's method in endarteritis obliterans, p.11.
- Lavrik, S.S. - Some results of and prospects for blood transfusion services in the Ukraine, p.13.
- Karavanov, A.G., Umanskii, M.A., Kremen', M.G. - First experience in the use of a Soviet-made fibrinogen in surgery with artificial circulation, p.15.
- Kaychenko, I.I., Lys, P.V. - Blood coagulation system in gastric cancer, p.23.
- Ferdman, D.L., and others. - Effect of adenosine triphosphate on the course of biochemical processes in the muscles in electrolytic disorders, p.29.
- Mirles, I.U.D. - Problems of surgical tactics in cryptorchidism, p.33.
- Rusakov, V.I. - Some improved methods to improve the results of transvenous adenomectomy, p.38.
- Klepikov, F.A., Shchekov, V.S. - Renal echinococcosis, p.42.
- Drabotinskaya, R.M., and others. - Some indices of metabolism and reactivity of the organism in extensive pulmonary tuberculosis, p.47.
- Voznenko, K.N. - Use of proteolytic enzymes in surgical practice, a review of Soviet and foreign literature, p.53.
- Rappoport, M.B., Moskali, K.V., Gladunov, P.I. - Effect of intramuscular injections of adenosine triphosphate acid on the course of wound healing, experimental study, p.60.
- Murzyka, K.M., Shor, N.A. - Diagnostic errors in lesions to major arteries in extremities, p.64.
- Penenkov, D.L., Fiks, A.F. - Diagnosis of echinococcosis of the abdominal cavity, p.66.
- Mikuljak, V.G. - Wound healing following the administration of prednisolone; experimental study, p.70.

- Mamedov, I.M., Bobkov, A.G. - Case of tuberculous of the breast and aortic aneurysm of tubercular etiology, p.71.
- Zubov, D.S. - Median and lateral cysts and fistulae of the neck, p.73.
- Ismov, E.L. - Organization of a resuscitation service in a district hospital, p.75.
- Smirnov, I.K., Osipov, S.N. - Polyethylene catheters for prolonged transfusions in hospitals, p.76. (DNLM)

ORTOPEDIYA, TRAVMATOLOGIYA I PROTEZIROVANIYE [ORTHOPEDICS, TRAUMATOLOGY, AND PROSTHESIS].

- Issued by Ministerstvo Zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol.28, no.5, May 1965.
- Table of contents translated.
- Dem'yanov, V.M. - Treatment of patients with fractures of the femoral neck without displacement of the fragments, p.3.
- Nikiforov, B.I. - Determination of the reliability of various methods of internal fixation in fractures of the upper end of the femoral bone in an experiment, p.8.
- Svinukhov, N.P. - Outcome of an operative treatment of fractures of the neck of the radius in children, p.13.
- Tarabekov, K. - Closed fractures of the heel bone in children, p.19.
- Shakirov, A.Sh. - Effect of "mumie" on the regeneration of bones and alkaline phosphatase of the blood in fractures of the tubular bones in an experiment, p.24.
- Kusnetsova, N.I. - Transplantation of a frozen urinary bladder to stimulate the process of bone formation, p.27.
- Trapenkov, N.N., Tsekhovskii, M.S., Tarasov, B.P. - Treatment of patients with osteogenic sarcomas, p.32.
- Muzylov, S.N. - Use of local additional anesthesia in injuries of the bone apparatus and soft tissues, p.37.
- Volkov, M.V., Dvorkin, A.M. - Ways of improving polyclinical traumatological and orthopedic aid to the population, p.41.
- Klassen, G.I.A. - Bitumen burns in construction workers, p.46.
- Petrov, P.N. - Method of operative treatment of fractures of the heel bone, p.50.
- Mikhailenko, V.V. - Treatment of stenotic ligamentitis of the fingers with hydrocortisone, p.52.
- Vainin, I.U.A. - Results of heating calcaneal spurs with hydrocortisone acetate in outpatient dispensaries, p.51.
- Selivanov, V.P. - Deforming osteochondritis of the tibial bone (subepiphyseal osteochondropathy, the Erlicher-Blount disease), p.59.
- Makhov, L.E., Betman, A.M. - Xanthomatosis of the Achilles tendons, p.58.
- Nechayev, B.K. - Capillarocavernous angioma of the internal meniscus of the knee joint, p.61.
- Menzhinskaya, G.V. - Diagnosis of tumors of the hand bones, p.63.
- Fishkin, V.I. - Compression arthrodeseis of the hip joint, p.66.
- Kink, A.S. - Technique of an angular extra-articular osteotomy in various deformity of the femoral neck, p.69.
- Berdnikov, V.A. - Universal bone drill, p.74.
- Shavrin, B.V. - Method for the examination of patients with ankylosis of the hip joint, p.75.
- Kapitula, A.F. - Set of appliances for restorative treatment following surgical elimination of a congenital dislocation of the hip, p.76.
- Gerasimov, P.I. - Portable rotometer, p.79.
- Mondelovich, I.A. - Remedial training prostheses of the leg, p.81.
- Volkov, M.V. - Meeting with Lorentz Böhler; on his 80th birthday, p.88.
- Novikov, N.V. - Aleksandr Grigor'evich Eletsii, an obituary, p.91. (DNLM)

Vol.26, no.9, Sep. 1965.

- Table of contents translated:
- Sadova, V.I., and others. - Method of X-ray determination and operative correction of the frontal inclination of the acetabulum in congenital dislocation of the hip, p.3.
- Unchur, Z.S. - Our experience in early detection and treatment of congenital dysplasia of the hip joint, p.7.
- Mirzoeva, I.I. - Operative treatment of congenital dislocation of the hip joint in children of preschool age, p.12.
- Kostin, A.G. - Some problems of the methodology of surgical setting of congenital dislocations of the hip joint in children, p.16.
- Volkov, M.V., Podkoltzin, V.A. - Use of amniotic tissue of the human placenta in arthroplasty, p.20.
- Sokolov, I.I., Atasev, Z.M., Kekashin, A.I. - Role of exercise therapy in the functional outcome of the treatment of dislocations of the elbow joint in adolescents, p.24.

- Prokopovich, V.S. - Treatment of congenital constrictions of the extremities in children, p.31.
- Nefedova, M.N. - Congenital dislocation of the patella and its operative treatment, p.35.
- Toropov, V.A. - Some anatomical data on the clarification of the function of the anterior section of the foot, p.39.
- Fishkin, V.I. - Method of operative treatment of a congenital pseudarthrosis of the leg, p.40.
- Knysh, I.T. - Congenital dislocation of the radial head, p.48.
- Akhmedzhanova, R.A. - Rare case of a congenital abnormality of the lower extremity, p.52.
- Smitski, I.U.F. - Method of measuring the true angle between the femoral neck and diaphysis with the aid of a rotation meter, p.54.
- Eusevich, I.A. - Method of elongation of the Achilles tendon under conditions of cleatricular tissues, p.57.
- Aliakin, L.N. - Method of elongation and detorsion of the leg bones in poliomyelitis sequelae, p.59.
- Abzhamov, M.L. - Prophylaxis of deforming arthrosis in some injuries of the capsular and ligamentous apparatus of the knee joint complicated by hemarthrosis, p.61.
- Kutafin, A.A., Ullo, G.V. - Three cases of osteopetrosis, p.64.
- Svetovidova, V.M. - Antitoxin and free toxin in the blood in staphylococcal infection in patients with traumas, p.67.
- Serebrennikov, N.A. - Compression osteosynthesis in fractures of the femoral neck, p.70.
- Rakhimovich, L.S. - Simple portable device for the registration of muscle power and work, p.74.
- Polonski, M.N. - Functional attachment to orthopedic braces, p.76.
- Kazantseva, N.D. - Present state of the problem of skin homoplasty and the development of this method in treating patients with burns; survey of the literature, p.79.
- Volkov, M.V., Dvorkin, A.M. - Some results of the implementation of the plan for scientific studies on the problem "Trauma, traumatism, and orthopedic diseases" during 1964, p.80. (DNLM)

PROBLEMY CHELIUSTNO-LITSEVOI KHIRURGIY [PROBLEMS OF MAXILLOFACIAL SURGERY].

Issued by Kievskii Institut usovoi shkolovaniya vrachei [Kiev Institute for Postgraduate Training of Physicians], Kiev, no.1, 1965.

- Table of contents translated:
- Bukh-Chelchik, S.I. - Trimecaine (mesocaine) in maxillofacial surgery, p.7.
- Legeld, L.T. - Intubation of the trachea "blindly" following a guide, p.11.
- Leonidov, A.L. - Use of benzaine in stomatological practice, p.14.
- Lesovaya, N.D. - Anesthesia in surgical interventions in the suprahoid area, p.17.
- Skarbanchuk, A.R. - Evaluation of the state of cardiac activity in stomatological patients in relation to surgery under local anesthesia, p.21.
- Solntsev, A.M. - Conductor anesthesia in surgery on the maxilla in young children, p.26.
- Aleksandrova, E.A. - Age-related indices and compound methods of treating microgenia and ankylosis of the mandible, p.33.
- Aleksandrova, E.A. - Two stage plastic surgery on the mandible using biologically treated bone tissue, p.37.
- Barchukov, M.P. - Fixation of fragments of the mandible in bone-grafting operations, p.44.
- Barchukov, M.P. - Free skin grafting into a defect of the mucous membrane of the oral cavity, p.47.
- Bernadskii, I.U.I. - Surgical treatment of resistant paralysis of the facial nerve by the allomyodermatoplasty method, p.51.
- Gulova, N.S. - Intracutaneous test using trypan blue in homoplasty of lyophilized bone in defects of the mandible, p.57.
- Korolenko, A.M. - Homoplasty of preserved cartilage into the alveolus of the removed tooth, p.61.
- Kryshchak, S.I. - Role of the articular process in the pathogenesis of sagittal deformations of the mandible, p.65.
- Luk'ianenko, V.A. - Treatment of ankylosis of the temporomandibular joint, p.69.
- Pozniak, L.F. - Evaluation of some suturing materials used in surgical stomatology; an experimental study, p.73.
- Vakulenko, V.I. - Methods of physical therapy following uranoplasty, p.80.
- Derebaliuk, L.I.A. - State of the accessory sinuses of the nose in congenital harelip and cleft palate, p.85.
- Kikilias, G.G. - Hypoplasia of the maxilla in congenital penetrating harelip and cleft palate, p.86.
- Mozgovoi, N.P. - Correction of secondary deformations of the maxilla by means of segmental osteotomy following congenital harelip and cleft palate, p.91.
- Pozniak, A.B. - Duration of the use of obliterators and their construction in the various forms of cleft palate, p.94.

- Ralsh, I. A. - Organization of dispensary service of a fairly compound treatment of children with congenital harelip and cleft palate in the right-hand of the U. S. R. p. 97.
- Smerchansk, G. I. - Bone grafting in congenital harelip and cleft palate. p. 102.
- Gutkin, E. V. - Antimicrobiological character-istics of the ramus mandibuli to be considered in osteosynthesis by means of a metal nail. p. 111.
- Kolotnikov, E. A. - Therapeutic principles in penetrating gunshot wounds of the maxilla. p. 116.
- Panichuk, V. P. - Fixation of fragments in fractures of the alveolar process and dislocation of the teeth in children. p. 123.
- Solomenniy, S. M. - Immediate and late outcome of surgical treatment of fractures of the mandible with the use of wire suture. p. 126.
- Kamashina, V. P. - Errors in the diagnosis of sialolithiasis. p. 133.
- Kodola, K. A., Kolesnikov, E. A. - Results of the treatment of chronic periodontitis by means of resection of the root apex. p. 138.
- Kolod'in, A. V. - Clinical aspects and treatment of submasseteric phlegmons. p. 142.
- Mironova, V. V. - Amputation of the root apex. p. 145.
- Pshenichnyi, N. F. - Sialography in the diagnosis and treatment of sialolithiasis. p. 148.
- Pshenichnyi, N. F. - Classification of sialolithiasis. p. 151.
- Soboleva, V. M. - Clinical aspects and diagnosis of sialolithiasis. p. 153.
- Solntsev, A. M. - Pathological anatomy of osteomyelitis of the maxilla in newborn infants and young children. p. 157.
- Shegolevskiy, V. E. - Clinical characteristics of odontogenic highmoritis. p. 160.
- Shcherbina, L. G. - Tissue therapy in the compound treatment of parodontitis. p. 174.
- Antonova, S. N. - Compound treatment of neuralgias of the trigeminal nerve by conservative methods. p. 178.
- Vasilenko, V. F. - Use of lyase in the treatment of neuralgia of the trigeminal nerve with alcoholization. p. 181.
- Vaisbiat, I. N. - Diagnosis of cysts of the mandible. p. 187.
- Vlatchenko, V. S. - Pathoanatomical diagnosis of epulides. p. 186.
- Gardashtnikov, F. L. - Compound treatment of malignant tumors of the maxillofacial area. p. 199.
- Levchenko, N. D. - Methodology for surgical treatment of median dermoid cysts and fistulas of the neck. p. 202.
- Litvinenko, A. N. - Osteomas of the jaws. p. 205.
- Marus, V. A. - X-ray diagnosis of odontogenic cysts of Highmore's antrum. p. 211.
- Treshina, Z. L. - Retention cysts of the parotid and submaxillary glands. p. 218.
- Aleksandrov, I. M., Mukhina, A. D. - Treatment of diagonal malocclusion in older children. p. 225.
- Betel'man, A. I. - Indications and methodology for the correction of anomalies in the position of individual teeth. p. 229.
- Kotliar, A. A. - Indications for splinting the incisor teeth in parodontitis. p. 234.
- Kurilenko, V. S., Vasilenko, Z. S. - Compensation of defects of the hard tissues of the tooth by fast-setting plastics. p. 237.
- Sidorenko, G. I. - Use of the linea mylohyoidea in prosthesis. p. 240.
- Soslara, N. K. - Problem of electric currents in the oral cavity. p. 244. (DNLM)
- VOPROSY NEIROKHIRURGII [PROBLEMS OF NEUROSURGERY] Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U. S. S. R.] Moscow, no. 5, 1964.
- Table of contents translated.
- Bekov, D. B. - Topography of the deep cerebral veins in dilated lateral ventricles. p. 1.
- Sherstennikov, E. N. - Topography of the veins of the nucleus caudatus and nucleus lentiformis in the human brain. p. 6.
- Nikol'skiy, V. A., and others. - Clinical aspects and surgery of spontaneous intracerebral hematoma. p. 9.
- Siguz, O. A., Gogsdaz, V. G. - Subdural hematomas of nontraumatic etiology. p. 12.
- Filipov, F. - Mechanism of the development of carotid-cavernous anastomoses. p. 14.
- Lerman, V. I. - Back pressure and collateral circulation in the superficial cerebral arteries during temporary occlusion of the cerebral vessels. p. 17.
- Lunets, E. F. - Relation between the pressure in the carotid and temporal arteries. p. 22.
- Vasin, N. I. A. - Some characteristics of the blood supply of the temporal lobe of the brain from the surgical viewpoint. p. 24.
- Romodanov, A. P., Zozulina, I. U. A. - Age-related characteristics of the cerebral vessels according to serial angiographic data and their changes in intracranial tumors. p. 29.
- Shcherbakov, I. I. - Role of the adrenals in the development of arterial hypertension following stimulation of the cerebral cortex, experimental study. p. 34.
- Ass, I. A. K. - Differential diagnosis of degenerative lesions of the lumbar intervertebral disks. p. 40.
- Arutunov, A. I., Botman, M. K. - Contrast methods of examination in the clinical diagnosis of degenerative processes in the intervertebral disks. p. 44.
- Ratner, A. I., Smirnov, A. N. - Neurological characteristics of cervical diskogenic myelopathies. p. 50.
- Dubnov, B. L. - Latent hernias of the intervertebral disks. p. 51.
- Sheval'ev, A. V., Randvere, T. O. - Surgery in diskogenic lumbosacral radiculitis. p. 52.
- Pen'kovoy, K. I. - Repeated operations in recurrences of benign intraosseous vertebral tumors (hourglass shaped). p. 53.
- Filatova, A. D. - Pathogenetic variants of Brown-Sequard syndrome in the clinical aspects of tumors of the spinal cord. p. 54.
- Smirnov, V. E. - Indications for the surgical treatment of some urination disorders in spina bifida occulta. p. 55.
- Tatushev, K. G. - Morphological changes in the autonomic and cerebrospinal ganglia in experimental section of the spinal cord. p. 56.
- Zlotnik, E. I. - Method for the control of occlusion of the neck of an aneurysm of the cerebral vessels during operation. p. 57.
- Epshteyn, P. V. - New developments in the diagnosis of neurosurgical diseases. p. 58. (DNLM)
- No. 1, 1965.
- Table of contents translated:
- Arutunov, A. I., Lapogov, O. A. - Stereotaxic surgical therapy of extrapyramidal hyperkinesias. p. 1.
- Bulgakov, N. P. - Results of surgical treatment in parkinsonism. p. 6.
- Shefer, D. G., Nestorov, L. N. - Thalamotomy in the treatment of Kozhevnikov's epilepsy. p. 8.
- Filippcheva, N. A. - Some correlations of pathological changes in the electroencephalogram and electrogram of muscle tones in patients with tumors of the frontal lobe. p. 11.
- Samoilov, I. A., Sokolova, O. N. - Diagnostic role of visual disorders in papilledema. p. 16.
- Kulikov, D. V., Tushkevskiy, V. F. - Mechanism of some secondary symptoms in meningiomas of the olfactory fossa. p. 21.
- Krivoshelina, I. U. P., Volkov, A. A. - Oligodendrogliomas of cerebral hemispheres: clinical aspects, surgery and radiotherapy. p. 24.
- Khokhlova, V. V. - Compound therapy of angliotenu-losis of the brain in children. p. 28.
- Vvedenskaya, I. V., Stepanova, T. S. - Electroencephalographic evaluation of the functional state of the central nervous system in the process of megavolt radiotherapy. p. 31.
- Lebedev, A. N. - Pneumographic data on tumors of the thalamus opticus and nuclei of the striated body. p. 35.
- Tapina, R. S. - Ventriculography with the use of mairil in tumors of the posterior cranial fossa. p. 40.
- Panchenko, P. M. - Methodology for the anesthesia of reticogenic zones in surgery of the brain and spinal cord. p. 43.
- Gol'dina, B. G., Kadin, A. L. - Comparative evaluation of plastics in replacing defects of the dura mater. p. 46.
- Vashantsev, A. A., Kladovshchikov, A. I. - Endotracheal anesthesia in clinical neurosurgical practice. p. 50.
- Rakhlinshchikov, V. Kh. - Use of controlled respiration and arterial hypotension with the use of arfonad in surgery of meningovascular tumors of the brain. p. 51.
- Mikava, G. G., Baranashvili, N. N. - Effect of neurostimulators and neuroleptic and curariform substances of the functional recovery following the removal of extracerebral tumors. p. 53.
- Motsonaia, M. I. A. - Dynamics of brainstem and general brain symptoms of occlusive origin during prolonged drainage of cerebral ventricles in children. p. 56.
- Shlutser, V. I., Inshutselskaya, V. F. - Pathogens of suppurative cerebrocranial complications and their relation to antibiotics. p. 57.
- Goncharova, R. F., Dogacheva, M. A., Korakidi, L. S. - Exostosis causing compression of the spinal cord. p. 60.
- Starovolt, V. V. - Cases of lipomas of the spinal cord. p. 60. (DNLM)
- VENEREOLOGY & DERMATOLOGY
- VESTNIK DERMATOLOGII I VENEROLOGII [REVIEW OF DERMATOLOGY AND VENEREOLOGY] Published by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U. S. S. R.] Moscow, no. 1, 1965.
- Table of contents translated.
- Shel'man, G. I. - Changes in the bioelectric activity of the brain in lupus erythematosus. p. 3.
- Shinskii, G. E., Levkov, A. A., Kalankarian, A. A. - Benign lymphadenosis of the skin. p. 8.
- Bazyk, A. P., Kozlovskiy, V. G., Petrashin, P. I. - 17-Ketosteroids and blood proteins in atrophic dermatoses. p. 16.
- Voinarov, I. B., Kuchakova, I. A., Chelchinskii, E. I. - Vitamin metabolism and excretion of 17-ketosteroids in ulcerous tuberculous treated with tubazid. p. 22.
- Neiman, L. - Disorders of keratinization (dyskeratosis) causing chronic recurrent eczema. p. 29.
- Telegina, K. A. - Dynamics of ichthyosis on diet and healthy skin in neurodermatitis during psychotherapy. p. 31.
- Zvonkova, I. A. - Sulfanilamide acetylation and excretion of pantoic acid metabolism in children with eczema and neurodermatitis. p. 34.
- Khamaganova, A. V., Zharovskaya, P. I. - Seborrheic dermatitis in childhood. p. 41.
- Lubysvay, L. A. - Evaluation of the specificity of polysaccharide antigens obtained from yeasts and yeastlike fungi. p. 45.
- Ovchinnikov, M. M., Deliktorskiy, V. V. - Diarrheal actions of *Troponeura pallidum* under the electron microscope. p. 50.
- Mikhailov, U. M. - *Troponeura pallidum* immunization reaction using N. M. Ovchinnikov's simplified method. p. 54.
- Phaladze, G. M., and others. - Effectiveness of the treatment of infectious syphilis (stage I and II) with bithionol and bithionol. p. 56.
- Iaroshetskaia, N. A. - Clinical observations on the treatment of syphilis with bithionol. p. 57.
- Studitskiy, A. A., Reznikova, L. S., Andriyashov, D. L. - Comparative value of nonspecific and specific antigens in the examination of cerebrospinal fluid in syphilis. p. 65.
- Burachkov, A. B., Bragin, O. V. - Control of skin and venereal diseases in the Khrushchev, on the centenary of the incorporation of Khrushchev into Russia. p. 70.
- Kozhevnikov, P. V., Malkin, I. I., Dvornitskiy, S. I. - Specialized dermatologic assistance as the basis for the organized treatment of skin diseases at a health resort. p. 73.
- Shcheklov, N. D., Maslitskiy, A. E. - Pemphigus vulgaris in a mother and daughter. p. 80.
- Vinkov, I. N., Lel'man, M. I. - Group disorders of alopecia areata. p. 82.
- Mel'nikov, S. A., Gorbacheva, E. I. - Clinical characteristics of the Lerner-Dunbar syndrome. p. 83. (DNLM)
- No. 2, 1965.
- Table of contents translated.
- Tuzanov, N. M., Studitskiy, A. A., Smelov, N. B. - Current state and tasks of scientific research in the field of dermatology in the U. S. S. R. p. 3.
- Piragova, O. M., and others. - Role of some endocrine and metabolic disorders in the pathogenesis and treatment of lupus erythematosus. p. 11.
- Dmitriyeva, I. N. - Some metabolic processes in dermatologic patients treated with prednisone and prednisolone. p. 16.
- Sokolov, A. I. - Comparative evaluation of the effectiveness of various corticosteroids in the treatment of some skin diseases. p. 22.
- Tomashivskii, D. I. - Relationship of glomerular and palmar reflexes in epidermophytosis. p. 26.
- Ol'man'skiy, M. Kh., Dvornitskiy, Iaroshetskaia, N. A. - Parasitic activity and ecology of *Trichophyton terrestris* Dade et Frou, 1957. p. 32.
- Ashman, I. U. I. A. - Hemorrhagic edema of the lower extremities. p. 38.
- Rozental, M. A., Studitskiy, A. A., Maslov, P. I. - Use of antibiotics in the treatment of skin diseases and syphilis in children. p. 41.
- Baturo, N. A. - Some methods of the chemical composition of sweat in leprosy patients. p. 44.
- Loginov, V. K., Nazarov, K. I., Bragin, V. S. - Sulfon preparations in the treatment of leprosy, a review of the literature. p. 46.
- Horisenko, A. M. - Content of copper, zinc and iron in the blood in various stages of syphilis. p. 52.
- Fishman, M. P., Lashchenko, M. M. - Arterial plethysmography and the spreading rate of the pulse wave in syphilitic aortitis. p. 56.
- Ovchinnikov, M. M., and others. - Clinical evaluation of the *Troponeura* immunization reaction in syphilis. p. 63.
- Sazonova, L. V. - Immune immobilization reaction in the serodiagnosis of syphilis. p. 71.
- Milich, M. V. - Some problems of modern neurosyphilis. p. 77.
- Nazari, I. B. - Clinicomorphological data in some forms of male sterility. p. 81.
- Moroz, E. I. A., and others. - Trichophytosis caused by zoophilic fungi in Sverdlovsk Province. p. 85. (DNLM)
15. AGRICULTURE
- a. GENERAL
- AGROKIMIYA [AGROCHEMISTRY] Issued by Akademiya nauk SSSR and Ministerstvo sel'skogo khozaystva SSSR [Academy of Sciences of the U. S. S. R. and the Ministry of Agriculture of the U. S. S. R.] Moscow, no. 8, Aug. 1965.
- Table of contents translated.
- Vasilek, P. A., and others. - Fundamental problems of agricultural chemistry. p. 3.

- Vinogradov, A. P. - Trace elements and the tasks of science, p. 20.
- Guevich, S. M., Boronin, N. K. - Dynamics of nitrates in deep Chernozems under irrigation, p. 32.
- Fedorova, T. I., Kur'menko, I. T. - Dynamics of nitrogen, phosphorus, and potassium in cultivated floodlands of the Moshva River, p. 43.
- Zmcev, I. I. - Effect of hill placement of mineral fertilizers on the content of nitrogen, phosphorus, and potassium in the rhizosphere soil and in the aerial parts of potatoes, p. 51.
- Levin, F. I. - Biological cycle of nitrogen and ash elements in grain crop fields on turf-Podzolic soils, p. 56.
- Khruslova, S. G. - Effect of mobile phosphates on the iron nutrition of plants, p. 63.
- Dmitrenko, P. A., Tomashevskaya, E. G. - Uptake of calcium by leguminous and graminaceous crops under various conditions of nutrition, p. 70.
- Smirnova, R. S. - Use of potassium fertilizers for meadows and sown grasses, p. 82.
- Vil'drush, R. T., Kal'ko, B. A. - Increasing the effectiveness of basic mineral fertilizers for potatoes by localized placement, p. 89.
- Kugatova-Sheniakina, G. P., and others. - Effect of 1-[2,6'-dimethyl-3'-cyclohexenyl]-4-butanol-2-one on the physiological processes and yield of fine fiber cotton, p. 103.
- Shaldorov, I. U., Shukina, I. S., Abramova, V. M. - Studying the selective action on plants of physiologically active substances from the o-hydroxy-naphthoquinone and thiazole groups, p. 106.
- Maitynova, M. F., Alekseenko, L. N. - Seed productivity of perennial grasses as related to the characteristics of the formation and function of their assimilation apparatus, p. 113.
- Pankov, V. V. - Selecting the part of the plant for analysis to determine the requirements of tomatoes for nitrogen and phosphorus, p. 119.
- Ryabchevskaya, M. D., Tereshchenko, I. A. - Comparative study of some methods for determining the mobile forms of nitrogen in soil, p. 124.
- Surochenko, A. F. - Placement of mineral fertilizers for millet grown after sugar beets, p. 133.
- Mantrova, E. Z. - Technique for the placement of fertilizers for gladiolus, p. 136.
- Rakitin, I. U. V. - Results of and prospects for studying the action and use of physiologically active compounds, p. 140.
- Rode, A. A. - Session of the editorial board on the publication of the international "Guide to the methods for studying soil structure," p. 162.
- Barsukov, L. N., and others. - A. K. Zaporozhets, 70th anniversary of his birth, p. 164.
- No. 10, Oct. 1965.
- Table of contents translated
- Veitil, S. A., Mel'nikov, N. I. - Effect of rates and dates of the placement of nitrogen fertilizers on the yield and baking qualities of the grain of winter wheat, p. 3.
- Palladin, T. A., Zhabitskii, P. F. - Characteristics of the nitrogen metabolism in irrigated corn, p. 13.
- Voinarovich, N. A. - Forms of nitrogen in turf-Podzolic soils, its dynamics, and the effectiveness of nitrogen fertilizers for potatoes and corn, p. 18.
- Kartseva, L. N. - Dynamics of phosphorus compounds in oat plants as related to the conditions of nutrition, p. 21.
- Kukresh, N. P. - Effect of mineral fertilizers on the chemical composition of the yield of pulse crops and their uptake of nitrogen, phosphorus, and potassium, p. 33.
- Udovenko, G. V., Bozhidnyl, N. N. - Effect of the level of phosphate nutrition on the phosphorus metabolism and synthesis of proteins in plants, p. 36.
- Guselnov, R. K., Agalova, Z. B. - Effect of the conditions of mineral nutrition on the phosphorus metabolism, yield, and quality of green tea leaves, p. 42.
- Afendulov, K. P., Podurazhnyi, P. K. - Differentiated rates and interrelations of fertilizers for corn in the soils of Chernigov Province, p. 50.
- Kazibekova, G. G. - Tomato nutrition requirements as a basis for establishing the type of fertilizer, p. 56.
- Mantrova, E. Z. - Plant requirements of nutrients as a basis for fertilizing ornamental plants, p. 67.
- Chanturba, I. A. - Effect of continuous use of mineral fertilizers for tea plants on the humus content of subtropical Podzolic soils, p. 73.
- Makarov, B. N. - Biological activity of soil during the decomposition of organic materials, p. 78.
- Akhromenko, A. I. - Role of root excretion in the nutrition of woody plants, p. 82.
- Mashlinski, A. L. - Mineral nutrition of pine and birch in pure and mixed stands, p. 83.
- Goddzinski, A. M. - Absorption activity of roots under various conditions of aeration, p. 104.
- Guljakina, I. V., Iudinova, E. V., Levina, E. M. - Effect of continuous monoculture of a plant and crop rotation in the asymptotic use of fertilizers on the accumulation of strontium-90 in oat crops, p. 108.
- Golefian, D. G. - Organic substances and available aluminum in Red and Podzolic soils in western Georgia, p. 118.
- Kamyshina, L. M. - Effect of trace elements on the yield and quality of peas in leached Chernozems, p. 123.
- Krasil'nikov, N. A., Khodzhibayeva, S. M., Mikhlin, T. G. - Formation of toxins by the fungus *Verticillium dahliae*, the pathogen of cotton wilt, p. 128.
- Baskakov, I. U. A., and others. - Hydroxylamine derivatives as herbicides. Part 3, p. 135.
- Dzhafarov, M. I. - Forms of mineral phosphates in some soils of Azerbaijan, p. 141.
- Seigeeva, N. G. - Molybdenum content of soils in the tobacco growing piedmont zone of Krasnodar Territory, p. 141.
- Efendiev, T. A., Khailov, G. R. - Effect of molybdenum on the yield and feed value of forage beans in Sterozem soils, p. 149.
- Kochetkin, A. V. - Separate determination of nucleotides and sugar phosphates, p. 152.
- Peterburgskii, A. V. - Agriculture and agricultural research in Mongolia, p. 156.
- AKADEMIYA NAUK BSSR, Minsk Vestsi Seriya nauchnykh issledovaniy (ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Bulletin Series in the Agricultural Sciences), Minsk, no. 2, 1965
- Table of contents translated
- Skarapana, S. H. - Some agricultural problems of White Russia in the light of the decisions of the March Plenum of the Central Committee of the CPSU in 1965, p. 5.
- Prakopov, P. E., Miazhev, A. H., Mladvedskii, A. I. - Productivity and economic effectiveness of crops grown in crop rotations on turf-Podzolic soils, p. 11.
- Mukhin, N. D. - Ways for increasing the production of grain in White Russia, p. 19.
- Arodz', E. S. - Material stimulation and the improvement of the utilization of labor resources on collective farms, p. 25.
- Rahavy, P. P. - Some results of station studies of the dynamics of soil processes, p. 31.
- Lupinovich, I. S., Molatouski, A. S. - Some problems of nitrogen balance in cultivated peat-bog soils, p. 36.
- Afanas'ev, N. I. - Critical moisture content of some soils in White Russia, p. 45.
- Ivanov, S. N., Lishy, T. S. - Effect of the methods of placing organic-mineral fertilizers on the dynamics of the uptake of phosphorus by pea plants and on their development, p. 49.
- Bunko, I. P. - Effect of Azotobacter as a producer of physiologically active substances, p. 54.
- Skarapana, S. H., Barenkov, A. I., Shabunin, M. M. - Some problems of bringing peat-bog soils under cultivation, p. 60.
- Slupina, D. K., Shaatsuk, I. I., Tsikhanouskaya, L. S. - Keeping quality of some pear varieties and characteristics of the process of respiration, p. 68.
- Darozhnik, M. A., Astashevich, A. M. - Disinfecting pea seeds infected with *Aecochyia*, p. 72.
- Shukana, A. S. - Biology of the development of *Peronospora* infection of sugar beets in White Russia, p. 77.
- Khmurovich, A. I. - Differences in the digestive capacity and metabolism in some swine breeds and crosses of White Russia, p. 83.
- Rahova, A. B., Paltova, A. P., Mikhedov, M. T. - Brown Latvian cattle in White Russia and its productivity as compared with black-and-white cattle, p. 90.
- Hryn', M. P. - Meat productivity of young Red White Russian cattle and its crosses with Shorthorn and Limousin cattle, p. 94.
- Akulova, E. M. - Intensive growing and fattening of uncastrated young cattle, p. 99.
- Karelin, V. M., Starkov, V. V. - Judging herd bulls on the basis of the inheritance of the form and characteristics of the udder in their daughters, p. 104.
- Patranik, V. V. - Enriching rations for layers by adding trace elements, p. 111.
- Arlou, S. A. - Relationship between the physiological features and productivity in cattle, p. 116.
- Tuzava, R. V. - Increasing the effectiveness of the allergy test for tuberculosis in cattle, p. 120.
- Beranshtein, F. A., Gidranovich, V. I. - Effect of selenium on the carbohydrate metabolism in rabbits, p. 125.
- Ivanov, V. P. - Cytological characteristics of some internal organs in chickens, p. 131.
- No. 3, 1965.
- Table of contents translated
- Prakopov, P. E., Ivanov, D. P. - Raise the level of scientific research, p. 5.
- Makarov, A. D. - Specialization and intensification of animal husbandry, p. 11.
- Shumilov, B. M. - Bases for the optimal sizes of mechanized field cropping brigades, p. 17.
- Lupinovich, I. S., Akushava, V. I. - Changes in the enzymatic activity of gleyey-turf soils as related to reclamation, p. 23.
- Afanas'ev, N. I. - Diffusion coefficient of gases and physical conditions in swampy soils in White Russia, p. 26.
- Rakhuba, M. K. - Effect of relief on the distribution of available phosphates in the soil, p. 31.
- Siadukha, N. A., Kandukov, A. M. - Content of the available forms of trace elements in soils of Mogilev Province, p. 31.
- Kal'shaya, A. V. - Microbiological characteristics of some soil types in Klimovich District, Mogilev Province, p. 39.
- Kal'ko, B. A. - Potato yield and the migration of nutrients in the soil under various methods of the placement of basic mineral fertilizers, p. 44.
- Vasiluk, R. U. - Uptake of phosphorus by early potatoes under various placement of superphosphate, p. 52.
- Chykanova, V. M. - Effect of fertilizers on the microflora of the corn rhizosphere, p. 57.
- Vavula, F. P. - Effect of phosphorus fertilizers on the microflora of peat exhum during composting, p. 64.
- Kanankov, H. S. - Breeding the yellow forage lupine at the Gdovno Experimental Station, p. 70.
- Tryshkin, S. A. - Use of herbicides in potato fields, p. 73.
- Padzenko, K. P. - Use of alipin and eptam in sugar beet fields, p. 81.
- Horst, N. A., Abramovskii, F. N. - Milk yield and the chemical composition of milk of hybrid cows of some breeds of greatest interest in agricultural planning in White Russia, p. 81.
- Arlou, S. A. - Interrelation of the physiological features and productivity in cattle. Report No. 2, p. 90.
- Fiadotau, V. P. - Beef productivity of the Estonian Red cattle and its crosses with the Aberdeen-Angus breed, p. 91.
- Latsinskaya, M. I. - Age-related dynamics of the morphological and biochemical indices of the blood in ducklings fed various quantities of crystalline and feed hydroxytetracline, p. 100.
- Khmurovich, A. I. - Variability and the nature of the inheritance of the number of vertebrae in the crosses of some swine breeds in White Russia, p. 103.
- Makarov, I. L. - Growth and development of the goose embryo under various conditions of incubation, p. 114.
- Harshild, Kh. S., Makarov, S. N., Blitkov, F. P. - Stachybotryotoxicosis of cattle, therapy and prophylaxis, p. 119.
- Kot, A. P. - Sanitary and hygienic evaluation of large poultry houses, p. 123.
- Volkov, A. E. - Some characteristics of the biology of the development of sunflowers in the Republic of Cuba, p. 127.
- Mladvedskii, A. H. - P. P. Rahavy: his 70th birthday and 45 years of scientific, pedagogic, and public activity, p. 133.
- Sontau, K. M. - The oldest institution of higher agricultural education in the country, p. 135.
- Il'dush, N. - Increasing the productivity of meadows and pastures as an inexhaustible resource of green feed and hay, p. 137.
- GIDROTEKHNIKA I MELIORATSIYA (HYDRAULIC ENGINEERING AND RECLAMATION). Issued by Ministerstvo sel'skogo khozaystva SSSR [Ministry of Agriculture of the U.S.S.R.] Moscow, vol. 17, no. 8, Aug. 1965
- Table of contents translated
- Gasanov, G. I. - Irrigation of sugar beets in Daghestan, p. 1.
- Ronamenko, A. M. - Prospects for sprinkler irrigation in White Russia, p. 7.
- Kravets, I. A. - Practices in rice growing on advanced farms, based on the materials of the Exhibition of Achievements of the National Economy of the U.S.S.R., p. 11.
- Ostrovskaya, N. N. - Development of basin irrigation in the R.S.F.S.R. and Kazakhstan, p. 20.
- Panasenko, P. D. - Manufacture of prestressed reinforced concrete slabs, p. 31.
- Sholokhov, V. N. - Operation of a low-pressure intake unit at the Chirchik River, p. 35.
- Chikov, P. S. - Machine and mallow stations as a decisive factor in the improvement of meadows and pastures, p. 44.
- Dzindelev, I. A. - Simplest device for stalling irrigation siphons, p. 48.
- Nachkov, Georgii. - State of and prospects for the development of irrigation in Bulgaria, p. 51.
- Petrinov, N. S., Beidyshchev, V. D. - Biological bases of irrigation farming, p. 56.
- Vol. 17, no. 9, Sep. 1965.
- Table of contents translated
- Parfenov, A., Mignunova, A. - Effectiveness of irrigation in Rostov Province, p. 1.
- Legostinov, V. M., Argentov, V. N. - Effectiveness of leaching saltized soils with the use of drainage in the Golodnaya Steppe, p. 9.
- Nauman, S. K. - Methods of calculation and efficient design of thin-walled flumes, p. 15.

- Agroshtin, I.I., Saterinikh, D.V. - More accurate formula for the coefficient C of Chepur, p. 32.
Shimshin, T.S. - Problem of the depth of laying drainage pipes, p. 35.
Ushakov, I.A. - Optimal depth for laying drainage pipes, p. 46.
Mestrov, F.A. - Hydraulic suspension device of the orkin parts of land improvement machines, p. 51.
Rudnikov, I.F. - At the conference on the overall utilization of reservoirs, p. 57.
Antonov, V.I. - Conference of land improvement engineers in Saratov, p. 59.
- Vol 17, no 10, Oct 1965
Table of contents translated
Petro, E.G., and others - Irrigating salinized soils in rice growing, p. 1.
Iltis, N.N. - Planning land improvement in central Vietnam, p. 15.
Zaitsev, V.B. - Quantitative characteristics of the relief in leveling land for rice, p. 20.
Zhukovskiy, I.S. - Water balance and water consumption rate of rice in the south of the Ukraine, p. 23.
Saratov, I.E. - Energy dissipators below tubular outlet works, p. 29.
Alimov, S.Kh. - New method for protecting the banks of the Amu Darya River, p. 36.
Zukhlov, G.M., and others - Construction of polyethylene pressure pipes in irrigation, p. 43.
Kondratiev, A.F., Borisov, G.M. - Water supply of rural populated places in Czechoslovakia, p. 52.
Pisarenko, I.A.M., Laroslavskiy, Z.I.A. - Conference on the mechanization and automation of rural water supply systems, p. 56.
- KAZAKHSTANNYI YUZY SHARUASHYLYGY [KAZAKHSTAN AGRICULTURE] Alma-Ata, no 10, Oct 1965 [in Kazakh]
- KHILIBOROB UKRAINY [THE FARMER OF THE UKRAINE] Issued by Ministerstvo vyrobnystva i zakhochiv sels'kohospodars'kykh produktiv URSS [Ministry of the Production and Procurement of Agricultural Products of the Ukrainian S.S.R.] Kiev, no 10, Oct 1965
- KHIMIA V SEL'SKOM KHOZIAISTVE [CHEMISTRY IN AGRICULTURE]. Organ of Gosudarstvennyi komitet khimicheskoi promyshlennosti pri Gosplane SSSR and Ministerstvo sel'skogo khoziaistva SSSR [State Committee for the Chemical Industry, Attached to the State Planning Committee of the U.S.S.R., and the Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 3, no. 9, (23), Sep. 1965.
Table of contents translated
Pelye, J. - Use of trace elements in agriculture in the U.S.S.R., p. 2.
Cheremisinov, G.A. - Effectiveness and characteristics of the action of mineral fertilizers in eroded soils, p. 10.
Sheherbakov, A.M., Krugilakov, M.L., Burmistrova, M.F. - Physical and mechanical properties of mineral fertilizers, p. 17.
Borodulina, F.Z., Furascenko, I.S. - Effect of concentrated solutions of chemicals on apple trees, p. 26.
Roslavtseva, S.A., Popov, P.V. - Synergetic action of mixtures of phosphorus organic insecticides, p. 29.
Osherova, M.N. - Aftereffects of phosphorus and chlorine organic compounds on the common red spider *Tetranychus telarius* L., p. 33.
Sosedov, N.I., and others. - Chemical preservation of the grain of corn and pea seeds with a high moisture content during the period between delivery and drying, p. 36.
Berezovskiy, M.A. - Interaction of plants and herbicides, p. 40.
Voevodin, A.V., Popova, Zh.V. - Resistance of diplotid, triplotid, and tetraploid sugar beets to herbicides, p. 47.
Met'nichuk, A.S., Martynenko, V.I., Ushakova, L.T. - Effectiveness of herbicides in millet fields, p. 51.
Antonuk, V.G. - Effectiveness of arboricides in the shelterbelts of the Crimea, p. 54.
Gasimov, S.G. - Effectiveness of the use of simazine and atrazine in corn fields of the Lenkoran-Astara zone of Azerbaijan, p. 58.
Shmanenkov, N.A., Plashkin, A.A., Baranova, D.I. - Studying the effect of prolonged feeding of ammonium sulfate to young cattle, p. 60.
Rimsha, P.I., Pavlova, I.U.B. - Mechanism of the buffer action of proteins of chemically preserved leguminous plants, p. 64.
Gustin, M.I. - Trace element content of roughage in Kaluga Province, p. 67.
Eshanov, E.I. - Effect of polymorphic soil conditioners on the fertility of soil and the yield of cotton, p. 68.
Solavt, A.K. - Conference on programs and methods of the participants of the Geographical Network of Experiments with Fertilizers, p. 74.
New books and articles on agricultural chemistry, p. 77.
- KOLKHOZNO-SOVKHOZNOE PROIZVODSTVO [COLLECTIVE AND STATE FARM PRODUCTION] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.] Moscow, nos 10-11, 1965
- KOLKHOZNO-SOVKHOZNOE PROIZVODSTVO AZERBAIDZHANA [COLLECTIVE AND STATE FARM PRODUCTION OF AZERBAIJAN] Organ of Ministerstvo proizvodstva i zagotovok sel'skokhoziaistvennykh produktov Azerbaidzhanskoi SSR [Ministry for the Production and Procurement of Agricultural Products of the Azerbaijan S.S.R.] Baku, nos 9-10, Sep.-Oct. 1965. [in Azerbaijani]
- KOLKHOZNO-SOVKHOZNOE PROIZVODSTVO MOLDAVII [COLLECTIVE AND STATE FARM PRODUCTION OF MOLDAVIA] Issued by Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S.S.R.] Kishinev, vol 10, no 10, Oct 1965
- KREST'YANKA [THE PEASANT WOMAN] Published by Izd-vo [Publishing House] "Pravda," Moscow, vol 44, no 11, Nov 1965
- MEKHANIZATSIYA SEL'SKOHO HOSPODARSTVA [MECHANIZATION OF AGRICULTURE]. Organ of Ukrain's'ke ob'iednannya Rady Ministriv URSS "Ukrain's'kospiekhnik" [Ukrainian Association "Ukrain's'kospiekhnik" of the Council of Ministers of the Ukrainian S.S.R.] Kiev, vol 16, no 11(191), Nov 1965
- MEZHIDUNARODNYI SEL'SKOKHOZIAISTVENNYI ZHURNAL [INTERNATIONAL AGRICULTURAL JOURNAL] Issued by Postolannala komissii po sel'skomu khoziaistvu Soveta ekonomicheskoi vzaimopomoshchi [Permanent Committee on Agriculture of the Council for Mutual Economic Assistance] Moscow, vol 9, no 5, 1965
- NOVOSIBIRSK, SEL'SKOKHOZIAISTVENNYI INSTITUT. Trudy [AGRICULTURAL INSTITUTE. Transactions], Vol. 24, no. 2, 1963. Farm mechanization.
Table of contents translated:
Korushkin, E.N. - Standardization of farm mechanization curricula at nonengineering faculties, p. 3.
Korushkin, E.N. - Basic principles of the establishment of a practical system for training students of the Faculty of Farm Mechanization introduced by the Novosibirsk Institute of Agriculture, p. 8.
Korushkin, E.N. - Scientific work of students at a training center, p. 15.
Tarasov, A.I. - Effect of pulsating hydraulic pressure on the wear of bearing materials, p. 21.
Bogdanov, N.N. - Reducing dynamic stresses in the cutting parts of agricultural machinery by means of noncircular cogwheels, p. 27.
Glukhovev, V.M. - Effect of rare-earth metals on the parameters of the crystal lattice of the AL10V aluminum foundry alloy, p. 33.
Glukhovev, V.M. - Effect of rare-earth metals on the wear resistance of pistons made from the AL10V alloy, p. 36.
Razumov, M.N. - Effectiveness of using various means for silage transportation, p. 39.
Razumov, M.N. - Effect of running speed on the rolling resistance of a transportation unit, p. 46.
Glukhovev, V.M. - Effect of rare-earth metals on the specific electric resistance of the AL10V alloy, p. 51.
Bogdanov, N.N. - Cutting a pair of cogwheels consisting of a circular eccentric wheel with a conjugated noncircular wheel, p. 54.
Kostin, V.D., Piskarev, A.V. - Technical and economic indicators of the work of sugar beet harvesting combines in Novosibirsk Province, p. 59.
Kostin, V.D., Piskarev, A.V. - Causes of shortcomings in the use of sugar beet harvesting combines in Novosibirsk Province and ways for their elimination, p. 61.
(DNA)
- * POCHOVEDENIE [SOIL SCIENCE] Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, no 9, Sep 1965
Table of contents translated.
Dimov, V.N. - Formation of the humus-illuvial horizon in soils on permafrost rocks, p. 1.
Kondorskaya, N.I. - Geographical distribution of soda-impregnated saline soils in the U.S.S.R., p. 10.
Kann, I.A. - Soils in the Alpine zone of the western Pamirs, p. 18.
Smirnov, R.N., Gonorzhankina, O.S., Kononov, N.N. - Practices in natural zoning in the Caspian Lowland for soil improvement purposes, p. 26.
Titunova, F.I., Antipov-Karatayev, I.N. - Exchange adsorption of potassium in soils and clays at low temperatures, p. 31.
Shilova, E.I., Korovkina, L.V. - Characteristics of the composition and properties of the solution of Podzolic soil in a spruce-moss forest based on lysimetric data, p. 40.
- Stepanets, I.T. - Dynamics of the available forms of nitrogen, phosphorus, and potassium in dark Chestnut soils under forest plantations, p. 47.
Trushin, V.P. - Some problems of regulating the moisture of podzolized and leached Chernozems, p. 50.
Shpak, I.S. - Methods for calculating the moisture supply in a 10-centimeter soil layer, p. 56.
Alifanova, T.I. - Interflow in the fields of the Trans-Volga region protected by shelterbelts, p. 61.
Momotov, I.P. - Methods for determining the moisture in gypsum-bearing soils, p. 72.
Zlatev, St. Geopli. - Computing device for calculating the percentage of soil moisture, p. 74.
Negovetov, S.F., Zhulid, L.P. - Determining the soil moisture available to plants under field conditions (methods and apparatus), p. 81.
Pollakov, A.N. - Methods for preparing thin sections from soil-forming rocks for micromorphometric measurements, p. 86.
Okunova, R.I.A. - Soil maps and soil research from 1920 to 1930 in the materials of the Central State Archives of the National Economy of the U.S.S.R., information survey, p. 91.
Ignatenko, I.V. - The Botanical Institute of the Academy of Sciences of the U.S.S.R. in 250 years old, p. 93.
Ivan Nikolaevich Antipov-Karatayev, an obituary, p. 98.
In memory of Irada Ivanovna Teofarova, an obituary, p. 98.
Bibliography, p. 99.
- PRODUKTSIYA KOLKHOZNIKO-SOVKHOZNIKA. A MOI DOVEI [COLLECTIVE AND STATE FARM PRODUCTION OF MOLDAVIA] Issued by the Ministry of Agriculture of the Moldavian S.S.R. | Kishinev, vol. 10, no 9, Sep 1965 [in Moldavian] (DNA)
- REFERATIVNYI ZHURNAL POCHOVEDENIYA [REFERENCE JOURNAL OF SOIL SCIENCE] (Otdelnyi vypusk 57) [SEPARATE ISSUE 57] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos 20-22, (Oct) Nov. 1965.
- SEL'SKOE KHOZIAISTVO, Matematicheski ukazatel' statel v inostrannykh zhurnalakh [AGRICULTURE, Classified Index of Articles in Foreign Periodicals] Issued by Tsentrálnaya nauchnaya sel'skokhoziaistvennaya biblioteka i Vsesoyuznaya gosudarstvennaya biblioteka inostrannykh literatur [Central Agricultural Library and the All-Union State Library of Foreign Literature] Moscow, nos 8(110)-9(117), 1965
- SEL'SKOE KHOZIAISTVO BYELORUSSII [AGRICULTURE OF WHITE RUSSIA] Issued by Ministerstvo sel'skogo khoziaistva Belorusskoi SSR [Ministry of Agriculture of the White Russian S.S.R.] Minsk, vol 11, no 11 (185), Sep. 1965
- SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHISTAN] Issued by Tsentrálnaya Komitet Kommunisticheskoi partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan] Alma-Ata, vol 15, no 11, Nov. 1965
- SEL'SKOE KHOZIAISTVO KIRGIZII [AGRICULTURE OF KIRGHIZIA] Issued by Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S.S.R.] Frunze, vol 11, no 10, Oct 1965
- SEL'SKOE KHOZIAISTVO ROSSII [AGRICULTURE OF RUSSIA] Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.] Moscow, nos. 8-11, Sep.-Nov 1965.
- SEL'SKOE KHOZIAISTVO TURKMENISTANA [AGRICULTURE OF TURKMENISTAN] Issued by Ministerstvo sel'skogo khoziaistva Turkmeneskoi SSR [Ministry of Agriculture of the Turkmen S.S.R.] Ashkhabad, vol. 9, no. 9, Sep 1965
- SEL'SKOE KHOZIAISTVO UZBEKISTANA [AGRICULTURE OF UZBEKISTAN]. Issued by Ministerstvo sel'skogo khoziaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S.S.R.] Tashkent, nos 9 10, Sep -Oct 1965
- SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO NI CHERNOM ZEMNOI ZONY [AGRICULTURAL PRODUCTION OF THE NON-CHERNOZEM ZONE]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.] Moscow, vol 9, no. 11, 1965.

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO POVOL-ZIYA [AGRICULTURAL PRODUCTION OF THE VOLGA VALLEY] Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R S F S R] Stavov, vol 3, nos 10-11, Oct -Nov 1965

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO SEVERNOGO KAVKAZA I Tseho [AGRICULTURAL PRODUCTION OF THE NORTHERN CAUCASUS AND THE CENTRAL CHERNOZEM REGION] Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R S F S R] Krasnodar, vol 3, nos 10-11, Oct -Nov 1965

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO SINIRI I DAL'NEGO VOSTOKA [AGRICULTURAL PRODUCTION OF SIBERIA AND THE FAR EAST] Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R S F S R] Omsk, no 10, Oct 1965

SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO URALA [AGRICULTURAL PRODUCTION OF THE URALS] Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R S F S R] Sverdlovsk, vol 3, no 10, Oct 1965

SOTSIALISTIK POLUMAJANDUS [SOCIALIST AGRICULTURE] Issued by Eesti NSV Põllumajanduse Ministeerium [Ministry of Agriculture of the Estonian S. S. R.] Tallinn, vol 20, nos 10, 21, Oct -Nov. 1965 [in Estonian]

TEKHNIKA V SEL'SKOM KHOZIAISTVE [MACHINERY IN AGRICULTURE] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.] Moscow, vol 25, no 6, June 1965.

Table of contents translated:
Sklyarskiy, I. U. - Provide agriculture with industrial repair services. p. 1.
Valusia, V., Sividskiy, I. - Production of grass meal using the AVM-0.4 units. p. 5.
Orlov, B., Gusev, B. - Crushing alfalfa during harvesting. p. 9.
Geisinschik, V. - Practices in growing sugar beets in southern areas of the Ukraine. p. 11.
Gorov, A., Peshkova, P. - Mechanization of the protection of vineyards from pests and diseases. p. 14.
Lepsevidze, Sh., Edilashvili, K. - Inter tillage in vineyards. p. 16.

Merkulov, I. U. - Technical output and fuel consumption norms in irrigation farming. p. 18.
Guseinov, N., Zakariyan, M., Gadzhiev, G. - Work of pickups on irrigated plots. p. 20.
Breiner, G. - Technological planning of a farm. p. 22.
Ryzhov, S. - Cage batteries for chicks. p. 25.
Bogdan, I. - Watering livestock in runs. p. 27.
Golachev, O. - Automatic control of platform-type feed distributors. p. 29.

Bazh, I. - Attachment to the T-16 self-propelled chassis for the removal of farm manure. p. 30.
Dorzhikova, L. - The LR-2 shovel for the maintenance of ditches. p. 34.
Shkela, A. - Flow-type electrode water heater. p. 36.
Koshubay, S. - Protective grounding in rural electrical power systems. p. 37.
Povetkin, A. - New hay harvesting machines. p. 39.
Alekshin, F., Ropchanskii, A. - The KST-2 sugar beet harvesting combine. p. 42.
Bogdanov, V., Pugachev, A. - The PE-0.8 loader and excavator. p. 43.

Ragimov, A., Zabitov, A. - Preparing self-propelled combines for work. p. 46.
Prilepskiy, V., Sokhin, F., Tkachenko, I. - Adapting combines for harvesting legumes for silage. p. 50.
Kashutin, V. - Tractor-mounted racks for harvesting hay, crop residues, straw, and legumes. p. 53.
Bukhmurov, B. - Determining the reach of markers in an asymmetrical arrangement of furrow openers. p. 54.

Bel'skiy, V. - Determining the technical state of a tractor engine in brakelless testing. p. 56.
Gvozdev, N. - Manner of using tractor engines and their durability. p. 62.
Ernstov, L., Ischenko, I. - Repairing the electric equipment of the SMD engines. p. 66.
Vasil'ev, V. - Strengthening the joints of the SK-3 and SK-4 combines. p. 71.

Kireev, A., Chernenko, P., Zhdan, D. - Repairing blade-type screens of combines. p. 74.
Abdakov, S. - Milking apparatus with peridical vacuum under tents. p. 76.

Koganov, A., Kononenko, A. - Improve the quality of work of grain harvesting machines. p. 78.
Lipshin, I. - Canvasless conveyor of a reaper. p. 79.
Novikov, P. - The SZS-8 twin shaft grain dryers. p. 81.

Ramazanov, F., Uzenbaev, B. - Combines operate by night. p. 81.
Bilyk, P. - Equipment of combines for chaff collection. p. 82.

Bezei, A. - Mounting the PKV-2 sugar beet loader. p. 82.

Dolbe, E., Bobukh, P. - Make more extensive use of pulpers. p. 83.

Zimov, V. - Field truck-mounted milking machine. p. 84.

Petunin, D. - Replacing the fan rotor of the T-28Kh tractor. p. 85.

Lipshin, A. - Truck-mounted crane for the removal of truck bodies. p. 85.

Polubolov, V. - Adjusting machines and implements driven by the K-700 tractor. p. 86.

Ivanov, N. - Tillage machines, implements, and multi-purpose units. p. 90.

UL'YANOVSK, SEL'SKOKHOZIAISTVENNYI INSTITUT. Trudy [AGRICULTURAL INSTITUTE. Transactions]. Vol. 10, no. 2, 1964. Mechanization.

Table of contents translated.

Lutinin, A. A., Utekhin, I. N. - Evaluating the performance quality of a circular section fork in digging under sugar beet roots. p. 3.

Polkanov, I. P., Danilov, A. S., Pimenov, I. K. - Apparatus for controlling the technical conditions of the fuel system of diesel engines. p. 11.

Polkanov, I. P., Guckov, I. G. - Controlling the technical conditions of the couplings of an engine without dismantling. p. 22.

Polkanov, I. P., Ushakov, G. Kh., Danilov, A. S. - DER-1 dynamo-electric dynamometer. p. 31.

Polkanov, I. P., Kulagin, B. I., Salmin, N. E. - Recording the work of tractor-driven machinery. p. 44.

Salmin, N. E., Polkanov, I. P. - RMF-1 flowmeter. p. 56.

Polkanov, I. P., Igodina, I. V. - Methods for quality control of the performance of tractor-driven machinery. p. 72.

Solunov, V. P. - Introducing electromechanical finishing of metals. p. 85.

Solunov, V. P. - Use of vibration in washing machine parts. p. 94.

Botov, P. P. - Some results of studying the frictional heating and hardening of steel surfaces. p. 99.

Botov, P. P. - Induction-type relay transformer as an effective solution of the problem of electric current supply to tractor-driven machinery. p. 104.

Polkanov, I. P., Danilov, A. S., Beland, V. S. - Some problems of studying a hydraulic motor for the volumetric transmission of tractors. p. 120.

Iudin, V. I. - Orthogonal projections in the kinematic study of the six-dimensional mechanisms. p. 137.

Shabanov, I. I., and others. - Some results of studying sleeve bearings with capron bushes. p. 150.

Vitko, I. U. K. - Automation of electric power supply units of small electric power stations. p. 161.

Lazarev, V. I., Diadkin, L. M. - Device for determining the rigidity of gear wheel teeth. p. 174.

(DNAL)

UZBEKISTON KISHLOK KHUZHALIGI [AGRICULTURE OF UZBEKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S S R.] Tashkent, no. 9, Sep. 1965 [in Uzbek]

VISNYK SEL'SKOKHOSPODARSKOI NAUKY [REVIEW OF AGRICULTURAL SCIENCE] Issued by Ministerstvo sel'skogo hospodarstva Ukrain'skoi RSR [Ministry of Agricultural Sciences of the Ukrainian S S R.] Kiev, vol 8, no 10, Oct 1965.

VOPROSY INTENSIFIKATSII SEL'SKOGO KHOZIAISTVA KIRGHIZII [PROBLEMS IN THE INTENSIFICATION OF AGRICULTURE IN KIRGHIZIA]. Issued by Akademiya nauk Kirgizskoi SSR [Academy of Sciences of the Kirgiz S S R.]. Frunze, no 1, 1964. Pasture management and animal husbandry

Table of contents translated:

Zakhar'ev, N. I. - Ways for the improvement of the feed supply in animal husbandry in Kirghizistan. p. 5.

Vukhodtsov, I. V. - Intensification of pasture management in Kirghizistan. p. 24.

Nazarova, N. I., Sharashova, V. S. - Oxidized coal as fertilizers for pastures in Kirghizistan. p. 45.

Volkova, A. A. - Use of antibiotics in sheep raising. p. 58.

Odyntsov, R. N. - Use of copper and iodine salts in animal husbandry in Kirghizistan. p. 71.

Grebennik, R. V. - Ectoparasites of farm animals in Kirghizistan and the biological bases of the measures for their control. p. 87

(DNAL)

VOPROSY ZEMLEDEL'CHESKOI MEKHANIKI [PROBLEMS OF AGRICULTURAL MACHINERY]. Issued by Institut mekhanizatsii i elektrifikatsii sel'skogo khoziaistva Akademii sel'skokhoziaistvennykh nauk BSSR [Institute of Mechanization and Electrification of Agriculture of the Academy of Agricultural Sciences of the White Russian S S R.] Minsk, vol. 4, 1960.

VSESOUZNAIA AKADEMIYA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V. I. LENINA. Doklady [LENIN ALL-UNION ACADEMY OF AGRICULTURAL SCIENCES. Reports] Moscow, no 9, Sep 1965

Table of contents translated

Kanov, V. K., Moizov, A. P. - Sowing low crops on stubble in the southern steppe of the Ukraine. p. 1

Musikhin, A. S., Khuchko, P. F. - New corn hybrids. p. 5

Pogodina, S. A. - European grape varieties as parent material for the purpose of breeding for frost resistance. p. 9

Klochko, V. N., Ulianova, N. P. - Reaction of fiber flax varieties to the action of herbicides. p. 13.

Shain, S. S. - Viability of alfalfa plants grown from cuttings of various developmental stages. p. 17

Danilenko, I. A., Pashchuk, G. I. - Physiological state and milk productivity of cows fed various quantities of corn silage continuously for four years. p. 21

Rostovtsev, N. F., Fedotov, V. P. - Crossing Red Estonian cows with Aberdeen-Angus bulls for beef production. p. 27

Koval'skiy, V. V., Vasil'ev, V. N. - Chromatographic study of animal glycogens. p. 31

Sadakov, A. M. - Characteristics of the forms of nitrogen in the blood and lymph serum of Romanov sheep. p. 37

Dovdits, P. P. - Bioelectrical activity of the cow's uterus during the sexual cycle. p. 40

Dabul, V. B., Stizhevskiy, V. I. - Effectiveness of the use of the new types of corn harvesting combines. p. 42

ZA SOTSIALISTICHESKIU SEL'SKOKHOZIAISTVENNUJU NAUKU [FOR SOCIALIST AGRICULTURAL SCIENCE] Issued by Czechoslovak Academy of Agricultural Sciences [Czechoslovak Academy of Agricultural Sciences] Prague, vol. 14, no 3, 1965.

b ANIMAL INDUSTRY

KALININGRAD, KALININGRADSKIE TEKHNIЧЕСKII INSTITUT RYBNOI PROMYSHLENNOSTI I KHOZIALSTVA. Trudy [KALININGRAD TECHNICAL INSTITUTE OF FISHERIES. Transactions]. No. 18, 1963.

Table of contents translated.

Seyashtanov, N. B. - Probability method for establishing stability norms. p. 3.

Nechay, I. I. - Determination of the righting arm for a ship in a stern sea. p. 13.

Gorshenin, I. V. - Rambling of the ship in a stern sea. p. 21.

Gol'denberg, I. Z. - Selecting a calculation method for the water jet propeller of a fishing boat. p. 28.

Fonarov, A. L. - Studying the hydraulic characteristics of some local resistances during cavitation. p. 36.

Kurillo, V. E. - Producing a highly dispersed steam of a two-phase fluid and studying its viscosity coefficient. p. 49.

Rakov, A. I. - Joint designing of fishing boats for the Atlantic Herring Expedition. p. 59

Nabikanova, M. V. - Determining deck deformations beyond the elastic limit. p. 67.

Dolen'kiy, L. M. - Minimum weight design of structures. p. 71.

Rozendont, B. I. A. - Selecting a filler for triple-layer structures. p. 77.

Rozendont, B. I. A. - Determining the optimal parameters of a filler for a triple-layer orthotropic panel. p. 90.

Palechuk, E. M. - Transverse bonding of rectangular plates of variable rigidity. p. 104.

Semenov, L. N. - Strengthening the worn-out plating of a ship with elastic ribs. p. 109.

Durnov, V. P. - Calculating the impact strength of fishing boats during mooring in a rough sea. p. 117.

Butochukov, I. V. - One variant of the use of collapsible packings in the docking of ships. p. 124.

Tolman, B. E. - Design of beds for the construction of the sections of ship hulls. p. 128.

Kletnov, I. U. P., Shchagin, V. V., Kuz'kin, V. G. - Establishing fuel and oil consumption norms for SRT type boats. p. 138.

Shamara, V. M. - Possibilities of increasing the service length of oil in marine diesel engines. p. 148.

Narkevich, K. L. - Simplified method of calculating fuel systems. p. 152.

Boldyrev, I. U. N. - Continuous purification of heterogeneous liquid media (oil, brine, etc.) in hydrocyclones. p. 157.

Buhinchenko, G. P., Gurin, G. I. - Tuning piezoelectric quartz transducers. p. 173.

Drobyshev, A. G. - Effect of temperature on the motion of the actuating mechanism in a system with a jet booster. p. 175.

Fridman, S. L. - Similarity conditions of fishing gear. p. 181.

Kondrat'ev, V. P. - Shape of the mouth of a bottom trawl. p. 200.

Jonas, V. A. - Theory of the wear of ropes used in fishing. p. 203.

Jonas, V. A. - Selecting the relative length of the inclined guy rope of a fixed seine. p. 215.

- Strekalov, V. N. - Studying the form of a trawl warp p. 220.
- Andreev, M. N. - New possibilities of nautical computations based on horizontal angles determined by a sextant p. 231.
- Chernov, G. D. - Indicator appliances of a specialized digital computer used on fishing boats. p. 238.
- Lapin, A. G. - Selecting the optimum angle of inclination for the vibrator of a sonar station p. 247.
- Umantsev, A. Z., Stolin, L. M. - Some theoretical prerequisites of the orientation and moving of fish by directed vibrations. p. 251.
- Baranov, V. V. - Expression of oil from vacuum-dried fish waste. p. 263.
- Andreev, P. I. - Utilizing the entrails of fish in the production of foodstuffs with a high vitamin B content p. 271.
- Simonova, I. N., Davydova, L. K. - Method for approximate determination of the oil content of herring on the fishing boat p. 275.
- Feldman, G. B. - Regulating the speed of hoisting machines p. 280.
- Iurovskii, E. B. - Ship mechanism for measuring the thrust, torque and power transmitted by the propeller shaft p. 286.
- Selin, V. V., Kotliar, I. V. - Calculation of transient processes in marine gas turbines. p. 301.
- Gizlov, L. A. - Measurement of forces acting during rolling on the elements of the ship equipment. p. 309.
- LENINGRAD. GOSUDARSTVENNYI NAUCHNO-ISSEDOVATELSKII INSTITUT OZERNOGO I RECHNOGO RYBNOGO KHOZAISTVA. Izvestia [STATE SCIENTIFIC RESEARCH INSTITUTE OF LAKE AND RIVER FISHERIES, Bulletin]. Vol. 58, 1961. Fish physiology as related to acclimatization and fish culture.
- Table of contents translated
- Strel'tsova, S. V., and others - Physiological changes in some fish species during acclimatization p. 7.
- Strel'tsova, S. V. - Adaptation of carp and rainbow trout to a varying oxygen content in water p. 17.
- Ostroumova, I. N. - State of trout blood during adaptation to a varying oxygen and salt balance in water p. 27.
- Ostroumova, I. N., Bizimova, P. N. - Changes in blood indices of *Coregonus lavaretus* Pollakow and *Coregonus albus* morpho vimbis L. following their introduction in Lake Jarutay p. 37.
- Privol'nev, T. I., Britzina, P. N. - Melting point of fats in fishes. p. 45.
- Privol'nev, T. I. - Relation of freshwater and catadromous fishes to varying water salinity p. 58.
- Shterman, L. A. - Differences in osmoregulation in carp and trout p. 84.
- Ostroumova, I. N. - Effect of different foods on the blood and hemopoiesis in young salmon p. 90.
- Koroleva, N. V. - Protein content in the blood plasma of rainbow trout p. 109.
- Chernikova, V. V. - Intensity of respiration of young *Coregonus nasus* (Pallas) and its relation to temperature and the oxygen and carbon dioxide content in water p. 117.
- Privol'nev, T. I. - Respiratory coefficient in fishes p. 123.
- Golovanenko, L. F. - Hemoglobin types in the ontogeny of sturgeon (*Acipenser guldenstadti* Brandt). p. 128.
- Ostroumova, I. N., Strel'tsova, S. V. - Physiological characteristics of rainbow trout with underdeveloped gill covers. p. 135.
- Shabalina, A. A. - Effect of cobalt chloride on the development and growth of rainbow trout (*Salmo trutta* Gibbon) p. 139.
- Privol'nev, T. I., Galkina, Z. I., Galkin, G. G. - Heterogeneity of ripe eggs of salmon (*Salmo salar* L.) and bream (*Abramis brama* L.). p. 150.
- Privol'nev, T. I., Galkina, Z. I., Galkin, G. G. - Effect of the size of females and eggs on the progeny of salmon p. 159.
- Galkina, Z. I. - Development of young carp and wild carp (*Cyprinus carpio* L.) with different growth rates p. 167.
- Privol'nev, T. I. - Ecological and physiological characteristics of larvae of the river lamprey (*Lampetra fluviatilis* L.) p. 180.
- Koroleva, N. V. - Respiration of lamprey in water and its survival in a moist atmosphere p. 186.
- Galkina, Z. I. - Resistance of river lamprey (*Lampetra fluviatilis* L.) to mechanical effects and oxygen deficiency at early stages of ontogeny p. 191.
- Privol'nev, T. I., Koroleva, N. V. - Survival and transportation of live fish without water in a moist atmosphere p. 196.
- MC---
- DOVATEL'-HOZAI-RE-S, Trans-
- actions] Vol. 13, 1965.
- Table of contents translated
- Vinogradov, V. K., and others. - Biotechniques of the cultivation of fishes feeding on plants. p. 3.
- Ilin, V. M., Solov'yeva, L. M. - Growth and wintering of young-of-the-year fishes feeding on plants. p. 11.
- Ilin, V. M., Galina, N. I., Solov'yeva, L. M. - Biotechniques of the cultivation of two-year old Amur fishes together with carp. p. 23.
- Bolova, I. U. P. - Cultivation of two-year and three-year old *Ctenopharyngodon idella* together with carp in Moscow Province. p. 41.
- Sivina, R. A. - Feeding habits and growth of *Hypophthalmichthys molitrix* in ponds. p. 17.
- Mussellus, V. A. - Parasites of plant-eating fishes, introduced in the R. S. F. S. R. p. 55.
- Mussellus, V. A., Laptev, V. I., Ivanova, N. S. - Carp cercidiosis. Report No. 2. p. 69.
- Mirheev, P. V., Moiseev, E. V. - Biological principles of using shallow reservoir waters for commercial pond fisheries. p. 70.
- Koinceva, L. A. - Effect of fodder tetracycline on the growth of carps raised in enclosures. p. 93.
- Golovinskaya, K. A. - Significance of the variability of swimming bladder in carp breeding. p. 97.
- Cherfas, N. B. - Development of gonads in the females of monosexual and bisexual crucian carp forms. p. 105.
- Mints, A. G., Khaitulina, E. N. - New method of fertilizing ponds built in peat banks. p. 113.
- Kuz'micheva, V. I. - Primary effect of mineral fertilizers in rearing ponds. p. 131.
- Batonko, A. I. - Effect of ovulation on the agrochemical indices determining the fertility of pond soil. p. 139.
- Lavrovskaya, N. F. - Chlorophyll, carotenoid, vitamin C and E content in some freshwater algae and invertebrates collected in nature. p. 143.
- Lavrovskaya, N. F. - Effect of nitrite nitrogen concentration in the medium on the production of unicellular algae and on protein and fat content in them. p. 151.
- Levina, O. V. - Production of filamentous algae in ponds and the biocenosis connected with these algae. p. 157.
- Bogatova, I. B. - Feeding habits of *Daphnia* and *Diaptomus* in ponds. p. 165.
- Dakhina, V. I. - Effect of fish and artificial feeds on the development of zooplankton in fertilized ponds. p. 170.
- Baranov, S. A. - Laboratory cultivator with submerged lamp DRL-500 and DRL-1000 for growing microalgae. p. 187.
- Pinskii, F. A. - Feeding and the degree of utilization of food supply for raising young-of-the-year salmon in ponds. p. 197.
- MOSCOW. VSESOIUZNYI NAUCHNO-ISSEDOVATELSKII INSTITUT VETERINARNOI SANITARI, Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF VETERINARY SANITATION, Transactions]. Vol. 24, 1964. Problems in veterinary hygiene.
- Table of contents translated
- Pollakov, A. A. - Scientific bases of the synthesis of chemicals for the calibration of veterinary hygienic measures in animal husbandry. p. 3.
- Komkov, I. P., and others. - Resazurin and its use in the dairy industry. p. 12.
- Pollakov, A. A. - Preservation of chlorine in the solution of calcium hypochlorite and its bactericidal properties. p. 20.
- Pollakov, A. A., Nifantov, A. P. - Bactericidal action of the ash of herbaceous plants treated with calcium hydroxide. p. 25.
- Pollakov, A. A., and others. - Testing nitrogen peroxide for disinfecting raw hides contaminated with the spores of *Bacillus anthracis*. p. 31.
- Frolov, B. A. - Effectiveness of chlorophos, trichlorometaphos-3, and carbophos in the control of ectoparasites in poultry. p. 33.
- Bukshinyov, V. I. - Comparative evaluation of repellents for protecting cattle from bloodsucking insects. p. 44.
- Bukshinyov, V. I. - Comparative testing of the larvicidal properties of trichlorometaphos-3, DDT, polychlorophene, dimethyldichlorovinyl phosphate, and sevin on the larvae and pupae of the mosquito *Aedes* in natural bodies of water. p. 51.
- Frolov, B. A. - Dimethyldichlorovinyl phosphate as an effective means in controlling chicken mites. p. 55.
- Andrichuk, B. V. - Studying trichlorometaphos-3 in the control of ixodid ticks. p. 65.
- Pollakov, A. A., and others. - For a high hygienic quality of milk. p. 69.
- Akoplan, E. Sh. - Comparative evaluation of methods for determining the hygienic quality of milk. p. 75.
- Akoplan, E. Sh., Iatsuk, M. N., Gapanovich, V. V. - Effect of partial substitution of carbamide for protein feed on the hygienic quality and chemical composition of milk. p. 79.
- Kartashova, V. M. - Role of hygienic care for the skin of young cattle in the improvement of the commercial quality of the hide. p. 88.
- Ustenko, B. S. - Disinfecting the skin of animals. p. 94.
- Ustenko, V. S. - Searching for sporicidal means for disinfecting the skin of animals. p. 101.
- Bolkov, I. U. I. - Studying the contamination of tanneries and stations for primary processing of raw hides by the spores of *Bacillus anthracis*. p. 107.
- Bolkov, I. U. I. - Characteristics of *Bacillus anthracis* isolated from air, dust, and imported raw hides. p. 114.
- Bolkov, I. U. I. - Effect of an anthrax bacteriophage on the various strains of *Bacillus anthracis*. p. 120.
- Bolkov, I. U. I. - Use of the fluorescent antibody method for detecting *Bacillus anthracis* in soil and dust. p. 125.
- Bocharov, D. A. - Effect of peat litter on the signs of foot-and-mouth disease. p. 133.
- Atkhilova, V. R. - Improved variant of the 18Sukovskii vaccine no. 2. p. 135.
- Khashimov, A. U. - Survival of pullorum disease pathogens on the surface of eggs and methods for their disinfection. p. 141.
- Pollakov, A. A., Kuznetsov, N. V. - Biotechnical pills for aseptic disposal of animal carcasses. p. 145.
- Dosh'lan, G. M., Kostin, V. V. - Changes produced in the cells of *Bacillus anthracis* and *Escherichia coli* under the action of a hydrochloric acid solution of iodine monochloride (preparation no. 14). p. 148.
- Dosh'lan, G. M., Malgouyev, G. N. - Respiration level of a vegetative bacillus culture of *Bacillus anthracis* before and after treatment with preparation no. 71. Report no. 1. p. 152.
- Dosh'lan, G. M. - Chemical composition of the vegetative forms and spores of *Bacillus anthracis* subjected to the action of a hydrochloric acid solution of iodine monochloride, solution of iodine and calcium hypochlorite. p. 170.
- Zakomyidin, A. A. - Aerosol method for disinfecting poultry houses in case of myxomatosis in birds with the birds present in the house and after their removal. p. 184.
- Khashimov, A. U. - Aerosol disinfection of poultry houses with simultaneous disinfection in case of pullorum disease. p. 199.
- Khashimov, A. U. - Developing methods and systems for disinfecting poultry houses infected with pullorum disease. p. 210.
- Bocharov, D. A. - Disinfecting livestock buildings in case of foot-and-mouth disease. p. 224.
- Safarov, I. U. B. - Disinfecting premises and equipment in case of infectious enterocolitis on sheep. p. 231.
- Alekseev, N. P., Kuznetsov, E. V., Shafanov, A. V. - Use of sodium silicate in disinfecting premises for animals with foot-and-mouth disease before and after testing. p. 234.
- Bocharov, D. A. - Searching for means and methods of disinfecting livestock premises at a temperature below freezing point. p. 236.
- Pollakov, A. A. - Disinfection of soil with a solution of calcium hypochlorite. p. 242.
- Pollakov, A. A. - Interaction of chlorine and soil in disinfection. p. 252.
- Pollakov, A. A. - Disinfection of soil with dry calcium hypochlorite. p. 262.
- Starkova, A. K. - Disinfection of soil contaminated with the pathogens of *Typhoid* in dynamics. p. 272.
- Bubnov, V. D. - Survival of helminth eggs and larvae in the external environment. p. 274.
- Khashimov, A. U. - Biotechnical disinfection of the manure of poultry with pullorum disease. p. 278.
- Nelyukhin, I. A. - Studying the technical apparatus for the technological operation and standardization of disinfecting and washing stations. p. 281.
- Nelyukhin, I. A. - Purifying and disinfecting waste waters at the disinfecting and washing stations of Soviet railroads. p. 301.
- Pollakov, A. A. - Disinfecting liquid manure. p. 315.
- Bukshinyov, V. I. - Practices in the early spring extermination of the larvae of mosquitos in pastures of the forest-steppe zone in Tiuman Province. p. 322.
- Bukshinyov, V. I. - Cost and economic effectiveness of measures for controlling bloodsucking insects infesting cattle. p. 326.
- Smirnov, V. T. - Use of trichlorometaphos in hypodermatofestation of cattle. p. 332.
- Savel'ev, D. V., Mezenov, N. P., Pollakov, A. A. - Effectiveness of chlorophos and its ethyl homolog in controlling the larvae of the stable fly infesting reindeer. p. 338.
- Bubnov, V. D., Ivanov, I. S. - Effect of beta rays on the larvae of the housefly. p. 339.
- Uzakov, U. A. - Ixodid ticks in Dekkhanabad District, Surkhan-Darya Province. p. 348.
- Malakov, I. U. A. - Rats as a source of listeriosis infection. p. 343.
- Nikiforov, N. I., Trakhanov, D. F., Zaitseva, V. G. - Testing liquid baits in controlling brown rats. p. 354.
- Zotova, A. A. - New raticides. p. 359.
- Izanykh, V. S. - Use of agricultural machinery in disinfecting livestock premises and sites. p. 362.
- Tsetlin, V. M., and others. - Some problems of the evaluation of aerosol generators based on the degree of the atomization of aerosols. p. 375.
- Nalmushina, L. E. - Group examination of samples of raw hides for anthrax. p. 391.

- Nalmushina, L.I. - Soda ash used for the preservation of raw hides. p.102.
- Naryshchey, I. - Disinfecting wool contaminated with the virus of foot-and-mouth disease. p.101.
- Pollakov, A.A., Lipadus, S.S. - State of veterinary hygiene in Moscow in the past (up to the Great October Socialist Revolution). p.107.
- Roslovits, N.F., and others. - Scientific achievements of Honored Scientist of the R.S.F.S.R., Professor A.A. Pollakov. p.109.
- REFRATIVNYI ZHURNAL ZHIVOTNOVODSTVO VETERNARIYA (Otdelnyi vypusk 58) [JOURNAL OF ABSTRACTS ANIMAL HUSBANDRY VETERINARY MEDICINE (Separate Issue 58)] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos 20-21, Oct.-Nov. 1965
- RYBNOE KHOZIAISTVO [FISHERIES] Organ of Gosudarstvennyi komitet po rybnomu khoziaistvu pri SSSR [State Committee for Fisheries, Attached to the Economic Council of the U.S.S.R.] Moscow, vol. 11, no. 8, 1965
- Table of contents translated:
- New advanced methods in fishing. p.1
- Tasks of the Scientific Technological Society in increasing the output and improving the quality of food industry products for 1965. p.3
- Baranov, F.I. - Application of mathematics in ichthyology. p.4.
- Oreshnikov, V.V. - Swordfish. p.8.
- Novikov, N.P. - Fish resources of the continental slope of the northern Pacific Ocean. p.11.
- Zuev, G.V. - Squids, a promising fishery species. p.16.
- Tsundze, L.F. - Fisheries in the inland bodies of water of Georgia. p.19.
- Proslavnyi, V.S., Nikoliuk, B.A. - Tank system of feeding fishes in the Don Fishery Combine. p.22.
- Chukhontsev, A.M. - Use of fishing and deck mechanisms with hydraulic drive. p.40.
- Nazarenko, I.U. - More attention to coastal marine fauna fisheries. p.49.
- Davydenko, - Work of the crew of the medium-size Black Sea sloop "Chernomozets". p.50.
- Purakov, I.U.K. - Complete mechanization of shipyard operations. p.51.
- Kirillova, A.A., Kantemirova, P.I. - Efficient use of the Pacific halibut. p.53.
- Aleksandrovskii, V.P. and others. - Technological and chemical characteristics of the Atlantic sculp and its use. p.55.
- Aminov, M.S., Skotokhodova, L.I. - High-temperature and multistage sterilization of canned fish. p.58.
- Sapunov, I.U.D., Slinkin, N.P. - Unit for producing peptide concentrate. p.62.
- Drekeev, U.F. - Some characteristics of the biology of Chalcabunus of the Aral Sea as related to its farming. p.27.
- Control measures against various parasites of year-old wild carp. p.30.
- Kagmovich, I.I. - Oxygen content increase in water. p.33.
- Sabunov, N.M. - Further development of fisheries in open seas and oceans. p.34.
- Degtlarev, A.A. - New methods for finding fish. p.36.
- Sibirskov, N.I. - Solution of problems in composite dead reckoning with the help of an anemometer. p.39.
- Bagaudinov, I.I. - Electric herring and sardine fishing. p.41.
- Bundin, V.I. - Floating kapon nets with double sheet leads. p.44.
- Sudakov, A.A. - New tables for determining the weight of Antarctic whales. p.65.
- Novikov, O.P., Beliaev, E.A. - Separator of the ISE model for extracting fat from fish broth. p.67.
- Chalenko, A. - Fillets from *Aspius aspius* L. p.71.
- Korotkov, I.U.L. - Analysis of the production work on fishing refrigerator ships. p.72.
- Anukhin, I. - Improve the costs accounting for fishery products. p.76.
- Sokolov, A.V. - Methods for determining the standards of simultaneous handling of ships and the capacity of fishing ports. p.78.
- Kiselev, V.K. - Some problems of the location of fish processing plants in the Caspian basin. p.80.
- Zluz'ko, N., Bolchenko, V. - Demonstration ships of the fishing industry in the Azov-Black Sea basin. p.82.
- Solov'ev, N.F., Mal'kovskaya, A.IA., Binger, T.I. - Possibilities for the utilization of mussel meat in fish culture. p.11.
- Pavlov, D.S., Shtamnikov, E.N. - Method of determining the duration of the swimming of fish at cruising speed. p.14.
- Fedorova, G.V. - Contamination of fishes by radioactive carbon. p.17.
- Gimmel'man, I.U.A. - Actinometric treatment of fishes. p.20.
- Egol'skii, E.L. - Case of Diplostomum infestation of young sturgeons in a fish hatchery. p.22.
- Kotumova, T.A. - Results of the acclimatization of invertebrates in the Aral Sea. p.24.
- Dubovskii, O.A. - Cyclicity in the joint use of fishing and transportation ships. p.27.
- Minerov, Khramisov, Didechko. - Role of an engineer in commercial fisheries. p.30.
- Rekubatskii, V.A. - Some methods of increasing the efficiency of actual fishing gear. p.32.
- Udintov, K.I. - Possibilities for the use of a fish locating device. p.34.
- Kashkarov, B.G. - Calculation of the setting of a net on a given curvilinear line. p.38.
- El'mov, D.K. - Direct radio fix by the method of reference calculating points. p.42.
- Nesin, M.A. - Guiding ships to fish schools from an airplane. p.45.
- Chukhontsev, A.M. - Use of fishing and deck mechanisms with a hydraulic drive. p.48.
- Lukin, V.P., Sidovnikov, N.P. - New method of manufacturing rigging equipment. p.51.
- Asen'ev, V.A. - Methods of catching fur seals. p.55.
- Aksutina, Z.M., Bukhanovich, I.B., Shchelis, L.Z. - Methods of determining the abundance of fish populations. p.58.
- Bal', V.V., Tomilin, V.M. - Mechanization of cutting operations in the fish fillet industry. p.61.
- Aleksandrovskii, V.P., and others. - Thermal infrared treatment of herring. p.63.
- Gusakov, V.N., Iakovleva, G.V. - Vertical vibratory conveyor. p.70.
- Thachev, V.A. - Recent developments in the Akhtarsk Fish Processing Plant. p.71.
- Kadanev, I.A.D. - Nutritional value of kelp. p.72.
- IUditskaya, A.I., Lebedeva, T.M. - Quantitative chromatographic analysis of phenols in smoked fish. p.75.
- Koval', V.D., Gusev, A.I., Sudakov, A.A. - Production of dehydrated gas waters on a whaler. p.77.
- Kimberg, E.M. - Polyethylene instead of tin. p.80.
- Triant, M.N. - Improvement in the wage system for crews of the ocean-going fishing fleet. p.82.
- Minerov, I.U.V. - Organizing work and wages on transport refrigerator ships. p.84.
- Mitkova, I.V. - Improve planning and accounting on fishing collectives. p.86.
- RYBOVODSTVO I RYBOLOVSTVO [PISCICULTURE AND FISHING] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.] Moscow, vol. 8, no. 8, Nov.-Dec. 1965
- TVARYNYSTVO UKRAINY [ANIMAL HUSBANDRY OF THE UKRAINE] Issued by Ministerstvo sel'skogo hospodstva URSS [Ministry of Agriculture of the Ukrainian S.S.R.] Kiev, vol. 37, no. 9, Sep. 1965 (DNAL)
- VETERNARIYA [VETERINARY MEDICINE] Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.] Moscow, vol. 12, no. 10, Oct. 1965
- Table of contents translated:
- Pay more attention to veterinary service at enterprises of the meat industry. p.1.
- Vinogradov, S.V., and others. - Produce high quality meat only. p.3.
- Panchenko, M.F. - How we obtained the honorary title of Collective of Communist Labor. p.7.
- Nizovkin, A.M., Stepanuk, V.D., Slavitskii, D.B. - So that people would be healthy. p.10.
- Chumakov, M.N. - Organization of veterinary hygiene expertise at the meat combines in White Russia. p.14.
- Shat'ko, P.D. - Newest Soviet Veterinary Scientific Research Experiment Station is 25 years old. p.16.
- Kriukov, N.N., and others. - Diagnosis of African swine fever by the hemadsorption reaction in leucocyte cultures. p.19.
- Grishakov, N.E. - Effect of the rate of cultivating types B and D of Clostridium perfringens on their immunogenic properties. p.23.
- Bakulov, I.A., and others. - Titration of the pathogen of Heterosis on chick embryos and white mice. p.25.
- Rushakov, A.F. - Rickettsial keratoconjunctivitis in cattle. p.28.
- Kagan, F.I. - Symptomatic anthrax, a survey. p.31.
- Kuchukov, N.Kh. - Use of iodine in actinomycosis of cattle. p.32.
- Murkevich, A., Cupas, B. - Leptospirosis in animals in the Lithuanian S.S.R. p.32.
- Tilga, V.V. - Controlling infectious atrophic rhinitis of swine. p.34.
- Omel'chenko, I.A. - Histological study of infectious atrophic rhinitis of swine. p.36.
- Egoshin, I.S., Shergin, I.U.K., Vidonskii, L.V. - Effectiveness of drugs in infectious atrophic rhinitis of swine. p.36.
- Konopliuk, A., Dushuk, R.V. - Immunity in swine inoculated with strain K virus vaccine. p.38.
- Safarov, I.U.B., Glinov, N.M. - Results of simultaneous vaccinations of sheep against *Bacillus anthracis*, brucella, and infectious enterovirus. p.39.
- Shel'shch, V.I. - Studying acid-resistant bacteria isolated from unused pet litter. p.41.
- Tolstova, A.A. - Outbreak of theileriasis in cattle in fall. p.44.
- Dmitrov, N.V., Babitskaya, M., Vlasovskaya, A. - Testing hexachlorophene in fascioliasis of sheep. p.45.
- Burhan, G.G., Afrikanov, S.G. - Practices in treating fascioliasis in cattle. p.47.
- Dobov, A.I. - Demodic infection of cattle. p.48.
- Kudrinskaya, A.A., and others. - Composition and properties of the blood and bone marrow in cattle p.50.
- Smirnov, S.I. - Ketosis in cows. p.52.
- Korotkov, V.M., Peredovskiy, N.I. - Free amino acids in the blood of cows with ketosis. p.55.
- Lochayev, V.A. - Clinical importance of the iodine test in cows. p.57.
- Budnikov, A.F. - Treatment of anaerobic phlegmon in cows. p.58.
- Fomenko, G.N. - Rhinoplasty in herd bulls. p.60.
- Balkov, I.I. - Effect of milking apparatus and units on the mammary glands in cows. p.63.
- Rubnikov, A.A. - Obtaining smears from the cervix uteri in cows. p.65.
- Prandzhiev, I.P. - Obstetric aid in torsion of the uterus in cows. p.67.
- Kononuk, G.IA., Duzhanskii, M.G. - Postpartum hemoglobinuria in cows. p.69.
- Managarov, D.P. - Abortions in pregnant fur-bearing animals with toxemia. p.71.
- Arhangelskii, I.I., Repin, V.M. - Ways for improving the quality of milk. p.73.
- Otenov, V.A. - Sectional duct ventilation of farm buildings. p.76.
- Dolko, M.S., Anis'ko, L.N., Zhvibilia, M.A. - Effect of the microclimate of swine houses on the organism of animals. p.80.
- Golosov, I.T. - Sodium oxydiphenolate for disinfecting a refrigeration chamber. p.83.
- Vinogradov, S.V., Kolod'ko, V.D. - Veterinary hygiene control of the meat industry in the R.S.F.S.R. p.85.
- Golubev, A.M., Shkriyeva, V.I. - Traumatic intra-muscular hemorrhages in carcasses. p.88.
- Kondrat'ev, I.A. - Use of the meat of animals with tuberculosis. p.90.
- Kutashova, V.M., Arhangelskii, I.I. - Accelerated methods for studying the undesignated milk from cows with brucellosis. p.92.
- Meier, R.S. - Media for the bacteriological study of meat for Salmonella. p.94.
- Vladimirova, P.A. - Accelerated method for the diagnosis of trichinellosis. p.95.
- Dedash, V.G. - Establishing work norms for sanitary control specialists. p.96.
- Tetenik, D.M., Kargin, V.I. - Founder of Soviet veterinary hygiene expertise. p.98.
- Eromov, M.N. - Hemolytic *Escherichia coli* in edema disease of young pigs. p.100.
- Novikov, V.M. - Methods for isolating a pure culture of the pathogen of swine erysipelas. p.101.
- Kasimchuk, V.P. - Apparatus for measuring macroscopical objects and counting a colony of microorganisms. p.102.
- Kaslik, I., Maksimov, B. - Raise the qualifications of veterinarians to a higher level. p.104.
- Pashov, I.U.Sh., Miroshnikov, M.G. - Course in the prophylaxis of sterility in animals. p.106.
- Bessalov, B.G. - Improve the teaching of the course in poultry diseases. p.107.
- Kolod'ko, V.D. - Improve the training of veterinary control specialists. p.109.
- Kuznetsov, L.R. - Vocational training in the technical school. p.109.
- Kapandeev, K.S. - Teaching the history of veterinary medicine. p.113.
- Kononov, N.I. - A useful beginning. p.114.
- S.V., Z.P. - Seminars of veterinary control specialists. p.119.
- (DNAL)
- VLADIVOSTOK, TIKHOKEANSKII NAUCHNO-ISLED-DOVATELSKII INSTITUT RYBNOGO KHOZIAISTVA I OKEANOGRAFI. Izvestiia [PACIFIC OCEAN SCIENTIFIC RESEARCH INSTITUTE OF FISHERIES AND OCEANOGRAPHY. Bulletin] Vol. 15, 1964.
- Table of contents translated:
- Druzhinin, A.D. - Materials on the biology of her- ring (*Clupea harengus pallasi* Val.) fattened in the waters of Sakhalin. p.3.
- Frolov, A.I. - Morphological characteristics of herring in the waters of Sakhalin. p.30.

- Levanidov, V. I. A. - Feeding habits of young fall chum salmon during its migration to the Amur River. p. 55.
- Levanidov, V. I. A. - Relationship between the density of spawning ground stocking and the effectiveness of spawning of Amur salmon. p. 65.
- Ivankov, V. N. - Feeding habits of *Oncorhynchus gorbuscha* in the coastal waters of the Kurup Islands. p. 75.
- Volovik, S. N. - Feeding relationship between young *Oncorhynchus masu* (Bleek.) and other salmonids in the rivers of Sakhalin. p. 83.
- Kukhmenko, L. V. - Feeding relationship between young Pacific salmon and residential and some migratory fishes in the piedmont tributaries of the Amur River. p. 97.
- Vronskii, B. B. - Feeding habits of some predatory fishes in the Amur basin. p. 113.
- Shuntov, V. P. - Distribution and migrations of *Ommatostrophus sloani pacificus* (Steensgaard) in the Sea of Japan. p. 147.
- Chigunovskii, A. I. - Spawning of the saur *Trachurus japonicus* (Temm. et Schl.) in the East China Sea. p. 159.
- Vinkovurova, T. T. - Distribution of bottom water temperature at the western shore of Kamchatka. p. 165.
- Levanidov, I. M. - Zoogeography of the aquatic fauna in southern districts of the Far East. p. 175.
- Maksha, A. F. - Tuna and swordfish as raw material. p. 197.
- Musocodova, V. M., Ertel', L. A. - Comparative evaluation of some methods of determining fat in the Pacific herring. p. 207.
- Nasedkina, E. A. - Determining the degree of seasonality of salt Pacific salmon by a spring press type device. p. 215.
- Krylov, V. I. - Walrus tagging in the Chukotka Sea. p. 223.
- Darda, M. A. - Some data on the biology of chum of the genus *Salvelinus* from the Sea of Japan. p. 227.
- Slobodchikova, L. A. - Feeding habits and growth of stonfly and mayfly larvae of the tributaries of the Amur River. p. 231.
- Rubanenko, L. S. - Size and weight characteristics of some bottom invertebrates of the Amur basin. p. 239.
- Kulikov, M. I. U. - First occurrence of *Eirex zachvat* (Lock) at the Asian coast of the Bering Sea. p. 245.
- Kulikov, M. I. U. - Adaptability of the sablefish *Anoplopoma fimbria* (Pallas) to the radical changes in pressure. p. 247.
- Kulikov, M. I. U. - New data on the ichthyofauna of the Komandorskiye Islands. p. 249.
- Ertel', L. A. - Characteristics of fat indices in the Pacific herring. p. 251.

c. FORESTRY

GIRIOS, "Musu gamtos" zhurnalas misklinkystes priedas [FORESTS, Forestry Supplement to the Periodical "Our Nature"] Vilnius, no. 7, 1965 [In Lithuanian]

KHIMIA V LESNOM KHOZIAISTVE [CHEMISTRY IN FORESTRY]. Issued by Tsentral'nyi nauchno-issledovatel'skii institut informatsii i tekhniko-ekonomicheskikh issledovaniy po lesnoi, tsellulozno-bumazhnoi, derevozabatyvalushchei promyshlennosti i lesnomu khoziaistvu [Central Scientific Research Institute of Information and Technological-Economic Studies on Forest, Woodpulp, Paper, and Woodworking Industries and Forestry]. Moscow, no. 1, 1964.

- Table of contents translated
- Pankratova, N. M. - Weed control in forest nurseries with the use of triazine derivatives in tilling the fallow. p. 3.
- Pankratova, N. M. - Preliminary tillage of the fallow for preventing the appearance of herbaceous plants in forest plantations. p. 5.
- Shashkova, M. V. - Use of herbicides for weed control in beech and fir forest stands. p. 10.
- Pankratova, N. M. - Chemical measures for weed control in pine stands. p. 11.
- Korol', L. G. - Chemical measures for weed control in the northwestern Caucasus. p. 15.
- Fortunatova, I. K. - Preventing the loss of beech seedlings. p. 20.
- Dushek, V. - New methods for protecting seedlings in forest nurseries from spring frost. p. 21.
- Chemicals for controlling murine rodents, a survey. p. 22.

[MICROFILM]

LESNAIA PROMYSHLENNOST' [FOREST INDUSTRIES]. Organ of Gosudarstvennyi komitet po lesnoi, tsellulozno-bumazhnoi, derevozabatyvalushchei promyshlennosti i lesnomu khoziaistvu pri Gosplane SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva lesnoi promyshlennosti i lesnogo khoziaistva [State Committee for Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of Forest Industries and Forestry]. Moscow, vol. 49, no. 1, Jan. 1965.

- Table of contents translated
- Popov, V. A. - Forest industries in the new year. p. 1.

- Our new year's questionnaire p. 4
- Problems concerning new machinery and technology in 1965 p. 6
- Sidorov, N. A., Revzin, P. I., Lesman, I. Z. - A new powerful wheeled tractor p. 7
- Lozitskii, B. S., and others - Grab-type loaders in action p. 11
- Shcherbakov, A. - Scientifically based organization of labor at the working site p. 13
- Zlobin, N., Koloskov, V. - Without seasonal allowances p. 16
- Alekseeva, E. V., Korzak, A. S., Malygin, L. N. - Sawing large-diameter Siberian timber p. 18
- Krylov, G. V. - Outlook for the utilization of the timber resources of Western Siberia p. 21.
- Soldatov, A. - More on forest exploitation in the Ukrainian S.S.R. p. 23.
- Mozhaev, D. - Problems in the mechanization of felling operations in the patent literature p. 25
- Liaschenko, T. A. - Material encouragement for the preservation of young growth p. 29
- Beig, L. - For the intensification of lumbering and forest reproduction p. 31
- Mikhailov, N. - Conference of rafters p. 31
- Sallyuk, M. I., and others - Scientific contribution to the technology of woodworking. p. 32

Vol. 43, no. 9, Sep. 1965

- Table of contents translated
- Pilin, G., Ishmametov, A. S. - Forest machinery for skidding tractors pp. 2, 3 of cover.
- Rushnov, N. P., Kudinov, A. A. - Mobile chopping machine p. 1
- Kalgorodov, V. E. - Feeding tree-length logs to the semiautomatic line p. 3.
- Zlobin, N. - Winter rafting of large bundles. p. 4
- Karelin, V. N., Leshchenko, E. N., Maksimov, V. A. - High-capacity truck-trailers need powerful motors p. 6.
- Zorin, S. P. - Not only power but also durability. p. 7.
- Gokhman, Sh. M. - In increasing the power we should strengthen the undercarriage. p. 8.
- Minchenko, M. E., Shilenyi, E. D. - New brake of a tractor winch. p. 9
- Elukov, A., Shekhegov, V. - Sea transportation of sawn timber in bundles p. 11.
- Nesterov, E. M. - Loading is separated from skidding. p. 11
- Solodukhin, M. M. - We need a small rafting machine. p. 15
- Prudnikov, P. I. - Aerial photography as an aid in the planning of logging roads p. 16.
- Peatenko, L. M. - Building a snow road. p. 17.
- Trachenko, A. A. - Embankments of logging roads across swamps p. 17
- Dashelkhanov, A. - Choosing the optimal variation of the solution of a project p. 20.
- Kozhin, V. M. - Mathematical-economic indices of the use of lumber. p. 21
- Matskevich, A. V. - Ways to advance the forest industries in White Russia. p. 23.
- Mozorov, A. V. - Gas turbines for the forest industries. p. 25
- Kostalevskii, M. M. - World production of fiberboard. p. 27
- Gribanov, E., Tanshev, R. - Inspection goes on. p. 30
- Leonova, L. - Exhibition promotes p. 32

LESNOE KHOZIAISTVO [FORESTRY]. Issued by Gosudarstvennyi komitet po lesnoi, tsellulozno-bumazhnoi, derevozabatyvalushchei promyshlennosti i lesnomu khoziaistvu pri Gosplane SSSR and Tsentral'noe pravleniye NTO lesnoi promyshlennosti i lesnogo khoziaistva [State Committee for Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of Forest Industries and Forestry]. Moscow, vol. 18, no. 10, Oct. 1965.

- Table of contents translated
- On the 100th anniversary of the birth of G. N. Vysotskii. p. 2.
- Bochkarev, M. M. - Unsolved problems in raising the Siberian pine. p. 22
- Aliev, M. - Wild fruit and nut trees of Azerbaijan. p. 26.
- Kaisin, A. - Let's enhance the procurement of fruit and berries p. 27.
- Kalinina, A. V. - Edible chestnuts and their use in the national economy. p. 28.
- Khranov, N. V. - Potentialities that are made little use of p. 31
- Smolnik, L. P., Cherniak, E. F. - Increasing the productivity of black alder stands by means of drainage. p. 34.
- Robitsov, M. V. - Width of forest belts along the river banks in Leningrad Province. p. 38.
- Kishenkov, F. V. - Basis for the care of birch-spruce stands. p. 40.
- Malyshcheva, T. V. - Types of concentrated cuttings in Kirov Province. p. 43.
- Karagodin, I. L., Pronin, G. A., Soldatkina, S. A. - Microclimate in various park landscapes. p. 46.

- Kontsevoi, P. I. A., Babrov, R. V. - Ways of developing aspen stands p. 48
- Korhik, I. U. - Let's direct the management toward the production of healthy aspens. p. 50.
- Bagaev, S. N. - Rating healthy aspen by the use of silvicultural measures p. 51
- Kishchenko, T. I. - Effect of the felling of trees with the extraction of roots on a forestation p. 52
- Kostenko, A. G. - Reproduction of Siberian pine in burns p. 55
- Leshkovitsva, I. I., Kuchikov, V. S. - Artificial infestation of pollen p. 57
- Popov, V. K. - Growth and productivity of birch plantations in the forest steppe. p. 58.
- Fifty years of service to science. p. 61.
- Increase in forest productiveness is the main task of silviculturists. p. 62.
- Indefatigable enthusiasm p. 63.
- Koroblevskii, L. A. - Production in forestry, its planning and cost estimation p. 64.
- Pravdin, A. M. - Unified plan of the forestry economic regions of Sakhalin Province p. 72
- Uspenskii, V. A. - Parameters of lumbering machinery used in improvement cuttings. p. 74
- Kashutin, V. N. - Attachment to tractor plows for the placement of fertilizers in layers p. 76.
- Vlasov, A. V. - Effect of high temperatures on the speed of cone drying and the quality of pine wood p. 77.
- Mandro, V. P. - Machine for the sawing of acorns. p. 79.
- Stolnov, A. I. - Container for the transportation and storage of tree and shrub seedlings p. 80
- Detisk, T. A. - Simple automatic loader. p. 81.
- Mushat, I., Nikitin, P. L. - Forest management in Rumantia p. 82
- Skorokhodov, A. V. - New wage and bonus systems for the workers of forestry administrations. p. 83
- Afanasev, L. - Visitors from Asia and Africa in the Ivaneyevka nursery. p. 94.
- Papli, A. A. - Conference of the silviculturists of the North p. 94.
- Dychev, S. - Let's improve the quality of forest management. p. 95.

MASTER LESA [MASTER LUMBERMAN]. Issued by TsK Profsoyuzna iaborkhskii lesnoi, bumazhnoi i derevozabatyvalushchei promyshlennosti [Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries] Moscow, vol. 9, no. 11, Nov. 1965.

REFERATIVNIYI ZHURNAL: L'FSOV'DENI' I LESO VODSTVO (Oldel'nyi vypusk 56) [JOURNAL OF ABSTRACTS: FORESTRY AND FOREST MANAGEMENT (Separate Issue 56)] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 10-11, Oct.-Nov. 1965

d. PLANT CULTURE

ALMA-ATA. NAUCHNO-ISSLEDOVATELSKII INSTITUT ZASHCHITY RASTENII. Tudy [SCIENTIFIC RESEARCH INSTITUTE OF PLANT PROTECTION. Transactions], Vol. 8, 1964.

- Table of contents translated:
- Krylov, A. I. - Field mice *Lepus lagurus* agrestis Serebri. and *Microtus gregalis gregalis* Pall. in northern Kazakhstan. p. 3.
- Zaleskii, A. N., Tolebaev, A. K. - Morphological and ecological characteristics of beetles on the left bank of the Irtysh in Pavlodar Province. p. 184.
- Shek, G. Kh. - Materials on the fauna and ecology of the owl moths of Kazakhstan. p. 201.
- Ler, P. A. - Feeding habits and significance of spider flies. p. 213.
- Isukhambetov, Zh. - Injurious insects brought with Siberian lumber constitute a danger for Shrenk spruce. p. 245.
- Isukhambetov, Zh. - Insect pests of Shrenk spruce in a windfall area of the Syrnaryn region (Keltan' Range). p. 251.
- Tsendsuren, A. - Darkling beetle *Platysphindus caesus* Germ. as an agricultural pest in the Mongolian People's Republic. p. 255.
- Mal'kovskii, M. P. - Locusts of Mangistauy District, Gur'yev Province. p. 260.
- Pedoslavov, O. F. - Materials on the ground beetles and tiger beetles (Coleoptera: Carabidae, Chalcididae) of the Mangyshlak Peninsula and the northwestern Ustyurt. p. 267.
- Skopin, I. N. - Plant-feeding Scarabaeidae of the Mangyshlak Peninsula. p. 272.
- Skopin, N. G. - Materials on the fauna of darkling beetles (Coleoptera, Tenebrionidae) of the Mangyshlak Peninsula and the northwestern Ustyurt. p. 277.
- Ler, P. A. - Robber flies (Diptera, Asilidae) of the Mangyshlak Peninsula. p. 288.
- Savitskaya, G. I. - Materials on the morphology and systematic of larvae of the tribe Coccinellini (Coleoptera, Coccinellidae). p. 310.

- Savolakhina, G. I. - Some larvae of the tribes Coccinellini and Hyperaspini with the description of the new species *Phaenocymus balkhashensis* Savolakhina sp. n. (Coleoptera, Coccinellidae). p. 358.
- Skopin, N. G. - New species of darkling beetles (Coleoptera, Tenebrionidae) from the regions of Central Asia adjacent to Kazakhstan. p. 371.
- Dubantsov, S. T. - Fusarium wilt of potatoes and its control. p. 380.
- Al'muratov, N. H. - New device for semidry disinfection of seeds. p. 395.
- Kazenas, I. D. - Fourth supplement to the list of the diseases of crop plants of Kazakhstan. p. 399.
- Zhukhovitskaya, Z. V., Kozlov, G. M. - Testing simazine and alazine in the corn plantings of Virgin Territory. p. 403.
- Fateeva, O. I. - Effectiveness of simazine and alazine in weed control in the corn plantings of Alma-Ata Province. p. 416.
- Geshkov, I. U. N. - Test results of some herbicides in corn plantings of the Chernozems of Kokchetav Province. p. 423.
- Lukpanov, Zh. L., Grebenkova, M. G. - Residual quantities of poisons and their effect on the carbohydrate and protein indices of wheat grain. p. 429. (DNAL)
- KUTAISSI GRUZHINSKII INSTITUT SUBTROPICHESKOGO KHOZIAISTVA** [Georgian State Institute of Subtropical Farming]. No 5/6, 1961 (DNAL)
- LENINGRAD, VSESOUZNYI INSTITUT ZASHCHITY RASTENII** [All-Union Institute of Plant Protection]. Transactions, No. 20, pt. 1, 1964.
- Table of contents translated:
- Pollakov, I. M., and others. - Effectiveness of soil fumigation in the control of the clubroot of mustard family plants. p. 3.
- Shibkova, N. A. - Results of testing fungicides for the control of apple scab. p. 7.
- Klapotsova, N. K. - Use of zinc in controlling the bacterial blight of cotton. p. 10.
- Ivanova, N. A., Korotkov, V. G. - Adjustment of spider mites to mercaptophos in a cotton field. p. 12.
- Oshorova, M. N. - Effect of incomplete poisoning by mercaptophos on the survival and fertility of spider mites. p. 18.
- Kozlova, E. N., Kuznetsov, V. V. - Effect of organophosphorus insecticides on the development of Comstock's mealybugs. p. 21.
- Nesterenko, N. I. - Sulphos preparations in beet aphid control. p. 25.
- Usacheva, K. N. - Granulated insecticides for the protection of pea seedlings against weevils of the genus Sitona. p. 28.
- Kulikova, L. A. - Stability of some organochlorine insecticides under the influence of light and temperature depending on their form. p. 33.
- Otkumanova-Dumanova, G. A., Khrushcheva, I. V. - Effect of granulated heptachlor combined with mineral fertilizers on the accumulation of the green bulk of corn. p. 36.
- Efimova, L. F. - Effect of simazine and its mixture with heptachlor and mineral fertilizers on the corn yield as related to soil conditions. p. 39.
- Rudenko, D. K. - Susceptibility of potato varieties to potato black heart. p. 43.
- Nilova, V. P., and others. - Ability of phytopathogenic fungi to fixate atmospheric nitrogen. p. 46.
- Dushkova, L. N. - Distribution of angular leaf spot of cucumbers depending upon the weather conditions. p. 51.
- Perombaskala, N. B. - Transmission of virus diseases of lupine through seeds. p. 54.
- Irodova, F. N. - Economic significance of damages caused by the shield bug *Eurygaster integriceps* Put. to winter wheat grain. p. 56.
- Popova, A. I. - Methods of mass reproduction of *Prospaltella porricolosi* Tow., the parasite of *Sua Jose* scale. p. 61.
- Karazova, Z. F. - Predatory insect exterminating caterpillars of the fruit moth *Hypothenemus padellus* in the Far East. p. 65.
- Agafonova, Z. I. A. - Role of the larval diapause in the regulation of the progeny of *Stenodiplosis bromisoli* Mar. et Ag. (Diptera, Holididae). p. 70.
- Otkumanova-Dumanova, G. A. - Vessel construction for hydroponics with the use of pesticide containing solutions. p. 70.
- REFERATIVNYI ZHURNAL RASTENIEVOODSTVO** (Otdel'nyi vypusk 55) [JOURNAL OF ABSTRACTS: PLANT CULTURE (Separate Issue 55)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 19-21, Oct. - Nov. 1965.
- REPUBLIKANSKAIA OPYTNAIA STANTSIA KARTOFEL'NOGO I OVOSHCHNOGO KHOZIAISTVA** [Study (REPUBLIC POTATO AND VEGETABLE FARMING EXPERIMENT STATION, Transactions)]. Alma-Ata, vol. 2, 1960.
- Table of contents translated
- Balunova, Z. G. - Cultivation practices in potato growing in dry-farming mountain areas of Alma-Ata Province. p. 7.
- Terekhina, L. M. - Effect of phosphorus fertilizers on potato crops. p. 33.
- Klaykbasov, K. - Cultivation practices in potato growing in Gur'yev Province. p. 42.
- Krasnikov, M. M. - Cabbage growing without transplantation. p. 55.
- Krasnikov, M. M. - Cabbage growing in mountain areas. p. 60.
- Pashchenko, N. E. - Testing chemical measures for controlling the cabbage aphid (*Brevicorne brassicae* L.). p. 65.
- Protas, I. V. - Breeding work and the new promising vegetable varieties in Karaganda Province. p. 72.
- Soboleva, O. M. - Some problems of cultivation practices in obtaining large tomato crops. p. 79.
- Malyneva, N. I. - Effectiveness of growing tomatoes in Kustanay Province without transplantation. p. 80.
- Khatvala, A. D., and others. - Effect of trace elements on some biochemical processes and the yield of tomatoes. p. 102.
- Soboleva, O. M., Aganova, M. V. - Use of trace elements in growing tomato seedlings. p. 121.
- Soboleva, O. M., Khatvala, A. D., Aganova, M. V. - Use of the waste of the Tekel Complex Metal Combine as fertilizers. p. 127.
- Selidova, A. I. - Studying the biology and variety selection of peppers suitable for the canning industry. p. 132.
- Selidova, A. I. - Some problems of cultivation practices in growing sweet pepper in the Alma-Ata canning industry zone. p. 143.
- Selidova, A. I. - Outdoor irrigation rates for sweet pepper taking into consideration the physiological state of the plants. p. 149.
- Erenburg, P. M. - Cultivation practices in obtaining large crops of common onion in the Alma-Ata suburban zone. p. 157.
- Rakhimova, Z. - Effect of micro- and macroelements on the yield of common onion in Alma-Ata Province. p. 165.
- Erenburg, P. M. - Methods of planting and space arrangement for garlic. p. 171.
- Bobrova, R. A. - Growing kidney beans in irrigated soils of Alma-Ata Province. p. 179.
- Bobrova, R. A., Kovalova, N. V., Sagitova, M. G. - Effect of the waste of the Tekel Complex Metal Combine on the yield and some physiological indices of kidney beans. p. 201.
- Butler, V. F. - Best varieties of vegetables, vine crops, and potatoes for Semipalatinsk Province. p. 210.
- Zhukenko, I. M. - Chinese vegetable crops at the Karaganda Agricultural Experimental Station. p. 216.
- Gutsalluk, T. G. - Preparation of vine crop seeds for sowing. p. 221.
- Mallina, M. I. - Preparation of soil for watermelons in the conditions of the northern Sea of Azov region. p. 226. (DNAL)
- SELEKTSIYA I SEMENOVODSTVO [PLANT BREEDING AND SEED PRODUCTION]** Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 30, no. 6, Nov.-Dec. 1965.
- VINODELIE I VINOGRAÐARSTVO SSSR [WINE MAKING AND VITICULTURE IN THE U.S.S.R.]** Organ of Ministerstvo pishchevol'noy promyshlennosti SSSR and Sotsial'nogo pravleniya Nauchno-tekhnicheskogo obshchestva pishchevol'noy promyshlennosti [Ministry of the Food Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 25, no. 7(238), 1965.
- ZASHCHITA RASTENII OT VREDEITELEI I BOLEZNEI [PROTECTING PLANTS AGAINST DISEASES AND PESTS]** Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 10, no. 7, 1965.
- Table of contents translated:
- Mechanized detachments help the farms. p. 1.
- Bocharov, K. - In Kursk Province. p. 4.
- Trafilovich, V. - In the Lida detachment. p. 5.
- Gadzhiev, G. - Kuba detachment of "Sel'khoztekhnik," p. 7.
- Goloshchapov, A. - Economics of the protection of mustard. p. 8.
- Radchenko, N. - We are using aerosols. p. 9.
- At the Exhibition of Achievements of the National Economy of the U.S.S.R. p. 10.
- Arkhipov, G. - Pea moth in Chuvashia. p. 13.
- Tishchenko, E. - Liquidating the primary foci of *Peronospora* infection of beets. p. 14.
- Efimova, L. - Chlorophyll and carotene in forage crops. p. 15.
- Tarbinskiy, I. U. - Ants and orchard pests. p. 16.
- Zlotina, G. - Apple scab in Tajikistan. p. 18.
- Livshits, I., Givchenko, S. - Lepidopteran moth control. p. 18.
- From practices in the use of poisonous chemicals. p. 21.
- Andreeva, G. - Pine flat bug control. p. 24.
- Polikova, A. - Resistance of poplars to wood borers. p. 24.
- Bedny, V. - Studying the breeding grounds of pine shoot moths. p. 25.
- Anfimov, M., Shvidkov, V., Kuchev, V. - Pine geometrid control. p. 26.
- Melsakhovich, I. A. - What is expected from a low-volume orchard sprayer. p. 27.
- Ivanchenko, E. - Spraying and intertillage. p. 30.
- Avtchenkova, L. - Screens for chemical weeding. p. 31.
- Mitrofanov, P., and others. - Tordon. p. 32.
- TSapko, V. - Be careful in working with chlorophylls. p. 34.
- Petrova, A. - Rice blast. p. 34.
- Polupov, S., Grinenko, A., Roshchupkina, S. - Resistance of gooseberries to powdery mildew. p. 37.
- Nikolayev, P. - Preparing a tobacco infusion and extract. p. 38.
- Safety measures in working with toxic chemicals. p. 39.
- Piskun, L. - Simplest hand sprayers. p. 40.
- Pavlov, I. - Forecasting of some pests. p. 42.
- Pospelov, S. - Potato-stalk boxes *Hydroecia micacea* Hb. p. 43.
- Iashkin, I. - In Transcaucasia. p. 46.
- Nabiev, O. - Trap for the Mediterranean fruit fly. p. 48.
- Savdang, E. - Nematode garden pests. p. 49.
- Faustov, V., Buntrenko, A. - *Coccomyces* infection of snail and sweet cherries. p. 52.
- Our heroes of the day. p. 60.
- Dunin, M. - In memory of I. G. Belin. p. 63. (DNAL)
- ZEMLEDELIE [AGRICULTURE]** Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 27, no. 9, Sep. 1965.
- Table of contents translated:
- Fall tasks of an agronomist. p. 3.
- Pannikov, V. D., Egorov, V. E. - Raising the farming level is the main problem. p. 5.
- Pavlov, I. P., Babashina, V. M. - Reduce the cost of grain. p. 12.
- Kekukh, A. M., Shutenko, O. D. - Agroclimatic characteristics of the role of fallows. p. 17.
- Samolevskiy, I. A., Zhemela, G. P., Keltiev, N. Sh. - Preceding crops and the quality of grain. p. 21.
- Demeshko, K. N. - Subsoiling in Chernozems. p. 26.
- Kashanov, A. N. - Soil cultivation in Omsk Province. p. 30.
- Chesko, V. A., Shkud', R. I. - Soil furrowing for the castor bean. p. 33.
- Astakhov, I. I. - Feed supply in the northwest. p. 35.
- Ivanov, D. A. - Cultivated pastures. p. 39.
- Mirvis, D. A. - Cultivated pastures in western White Russia. p. 44.
- Meleshkin, A. S. - Meadow-pasture grasses in Latvia. p. 48.
- Kodanov, I. M., Krutova, I. L. - Use floodland soils intensively. p. 54.
- Men'kin, K. M. - Methods for cultivating meadow soils. p. 56.
- Prokhorov, I. A. - Ways for the improvement of pastures. p. 57.
- Karimov, I. U., Adiylov, M. - Let us renew the growing of alfalfa in Uzbekistan. p. 60.
- Mironiuk, K. K. - Cultivation practices and crop yields. p. 62.
- Kaminskii, N. V. - Winter wheat "Bezostala" 1 in Solonchak-type soils. p. 64.
- Ivanov, V. K. - Sowing dates and planting rates. p. 65.
- Kallas, E. - Planting rates for winter wheat. p. 69.
- Ikinenko, F. - Mustard as a valuable crop. p. 67.
- Pestirnikov, V. K. - Efficient use of fertilizers. p. 68.
- Fall supplementary fertilizers for winter crops. p. 71.
- Tedorova, N. A. - The Ukraine. p. 71.
- Pashcheniy, A. E., Chernykh, M. A. - Central Chernozem Region. p. 74.
- Chub, M. P., Egorov, A. V. - The Southeast. p. 77.
- Khomakov, V. N. - Volgo-Vyatka zone. p. 79.
- Maisurian, N. A., Luk'yanuk, V. I. - Centennial of domestic plant growing. p. 89.
- Vol. 27, no. 10, Oct. 1965.
- Table of contents translated:
- Pay attention to crop rotations. p. 3.
- Stepanov, E. I. - Put crop rotations in good order. p. 8.
- Pastushenko, V. O. - Field crop rotations in the Polesye of the Ukraine. p. 16.
- Shaporenko, V. G. - Rotation of crops on our collective farm. p. 21.

- T. Agabekov, N. I. - Are shelterbelts necessary? p. 24.
- Alpinskiy, A. V., and others. - This is that agroclimatology of Uzbekistan. p. 24.
- Petukhov, M. P. - On the threshold of the extensive chemicalization of agriculture. p. 48.
- Peteringail, A. V., D. M. Prizantshnikov. p. 56.
- Mishchenko, A. - How to evaluate the quality of arable land. p. 60.
- Vorontsov, N., Il'murov, T., Gribanov, F. - Let us put the land in order. p. 62.
- Timoshchenko, M. - Agronomist and the district administration. p. 67.
- Dzupinov, B. A. - Statistical processing of field experiment data. p. 71.
- Simsonev, M. M. - Strong wheat. p. 78.
- Pitmanov, M. S. - Organize the storage of seed potatoes in an exemplary manner. p. 84.
- Dudko, I. A., Tregulov, P. S. - In the Ministry of Agriculture of the U.S.S.R. p. 86.
- In memory of Professor S. A. Kuchin, p. 88.
- Smirnov, I. I., and others. - Leonid Nikolaevich Durov, an obituary. p. 89.

Vol 27, no 11, Nov. 1965

- Table of contents translated
- Give the 23d Congress of the CPSU a worthy welcome. p. 3.
- Korolov, A. A. - Ties between scientific institutions and production. p. 6.
- Grefo, M. A. - Sugar beet crop rotations. p. 13.
- Sidorov, M. I. - Crop rotations in Moldavia. p. 23.
- Mamedov, R. F. - Improve the use of irrigated soils. p. 31.
- Meksin, D. V. - Pay more attention to meadows. p. 35.
- Churfasov, V. A. - Meadow formation on slopes. p. 38.
- Kuliev, G. K. - Ways for increasing the productivity of meadows in Azerbaijan. p. 41.
- Kudulin, B. P. - Pastures. p. 46.
- Stollarc, S. S. - Far East rice in the shallows of bodies of water. p. 49.
- Polishchko, I. Z., Demchenko, I. G. - Practices of collective farms in the use of fertilizers. p. 55.
- Emel'yanov, A. M. - Fertilizers for grain. p. 58.
- Work practices in agrochemical laboratories:
- Raudvial, E. I. - Estonian Republican Agrochemical Laboratory. p. 60.
- Avakian, N. O. - Erivan Regional Agrochemical Laboratory. p. 67.
- Sugrobov, M. N. - Rostov Regional Agrochemical Laboratory. p. 71.
- Makcev, E. - Mal'tsev's tillage system overcomes drought. p. 73.
- Rai'ko, V. A. - Land has become more generous. p. 75.
- Bazhenov, M., Nikolaenko, G. - Useful competition. p. 79.
- Paushova, Z. P. - Cell structure seen through an electron microscope. p. 80.
- Iudin, F. A. - Agricultural chemistry in the Academy. p. 89.
- Raskin, L. - For the library of an agronomist. p. 95.

16. TECHNOLOGY

a. GENERAL

AK. DEMILA NAUK UZBEKSKOI SSR, Tashkent, Izvestiya. Seriya tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE UZBEK S.S.R. Bulletin. Series in the Technical Sciences]. Tashkent, vol. 9, no. 4, 1965.

- Table of contents translated:
- Khamudkhanov, M. Z., Safullayev, I. - A d.c. rectifier motor with series excitation. p. 5.
- Borisoglebskiy, P. V., Kudratillaev, A. S. - Physical conditions of effective flaw detection in high-voltage impulse capacitors. p. 11.
- Dzhabbarov, N. G. - Delay lines using cores with rectangular hysteresis loop. p. 19.
- Shamsiev, U. - Dynamic calculation of a rectangular three-dimensional box for seismic action. p. 23.
- Nazarli, M. P. - Steady flow of viscous two-phase media in a circular cylindrical pipe of finite length. p. 29.
- Iakunin, G. I., Umarov, E. A., Iakubov, F. I. A. - Investigating causes for the presence of stability peaks in the cutting speed-cutting tool stability relation. p. 37.
- Bediner, I. D. - Generalized equation of the helical surface of an axially variable pitch. p. 44.
- Dzhabbar, O. S. - Using electronic digital computer for the synthesis of optimum efficiency screw-cam mechanism. p. 51.
- Vyzgo, M. S., Nabiev, A. - Effect of stream aeration on the depth of local erosion. p. 57.
- Kleiman, I. A. Z. - Introducing the concept of interpenetrating streams in hydraulics. p. 61.
- Samkov, E. A., and others. - Selenium distribution in the Aityn-Topkan sulfuric acid industry. p. 70.

Santov, I. A. U., Shannamsurov, I. - Determination of the optimum conditions of rock breaking in the rotary-percussion drilling method, the determination of the optimum angle of rotation of the drill. p. 75.

Vol. 9, no. 5, 1965.

- Table of contents translated
- Faylov, Kh. I. - Considering the network factor in economic distribution of the active power of a system among electric stations. p. 1.
- Khamutkhanov, M. Z., Akhmedov, I., Usmankhodzhaev, N. M. - Developing the principle of changes in the magnetization current of a saturable choke controlling a d.c. drive with independent excitation depending on the load type. p. 9.
- Kabulov, V. K. - Graphs of Moore and Mill. p. 17.
- Iuldasheva, M. - Selecting the design form of the systems of equations for unit voltages in electric systems. p. 23.
- Urazbayev, M. T., Rashidov, T., Lashinova, R. Sh. - Investigating vertical vibrations of multistory edifices and buildings caused by earthquakes taking foundation pliability into consideration. p. 26.
- Kondrat'ev, V. M. - Some problems in electric simulation of rod systems. p. 31.
- Akshirov, A. T. - Propagation of elastic stress waves in a string coiled on a circular cylinder rotating with a constant speed. p. 16.
- Mukhammedov, A. M. - Approximate calculation of the channel of deposits of the upper water of hydraulic units. p. 55.
- Skyr'nikov, V. A. - Calculating the general erosion of a fine-sand bed taking into consideration the deformations of banks. p. 55 [i.e. 64].
- Gorinov, S. M. - Analytical solution of the planning problem of the flow of ground waters from reservoirs bypassing water outlets. p. 71.
- Stepanov, B. A., Fominykh, B. A., Gaicev, V. N. - Series of metal stresses in solutions of alkali sulfides. p. 78.
- Kadyrov, S. K. - Rated formulas of heat transfer at a constant rate of evaporation. p. 78.
- Mavlanova, D. G. - Reliability of a relay element. p. 83.

BEZOPASNOST' TRUDA V PROMYSHLENNOSTI [INDUSTRIAL SAFETY]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po nadzoru za bezopasnyim vedeniem rabot v promyshlennosti i gornomu nadzoru [State Committee of the Council of Ministers of the R. S. F. S. R. for Safety Inspection in Industry and Mining]. Moscow, vol. 9, no. 8, Aug. 1965.

- Table of contents translated
- Mine's work must be safe. p. 1.
- Bystrov, G. A. - Improving the conditions of industrial safety in coal industry enterprises of the R. S. F. S. R. p. 3.
- Pollakov, E. M. - Increasing the effectiveness of engineering control in mining. p. 7.
- Vermov, G. P. - Eliminating the causes of industrial traumatism in the mines of the Donets Economic Council. p. 10.
- Goncharenko, D. I., and others. - Scraper-plow mining of thin and flat coal seams. p. 14.
- Nikitin, V. S., Filippova, M. P., Shurinova, M. K. - New requirements for industrial dust masks. p. 15.
- Dionov, N. V., Izn, N. A. - Ways of decreasing traumatism in the ore drawing. p. 17.
- Volov, A. T. - Boring and blasting operations in hot slags. p. 19.
- Ovsyannikov, I. U. N. - Explosives in making petroleum wells. p. 20.
- Narizhina, S. F. - Flaws in the design of paint and varnish plants. p. 21.
- Demidov, I. - At the "Krasnyi Partizan" mine. p. 23.
- Nechiporenko, M. M. - Green light to a useful undertaking. p. 24.
- Dukh, G. I. - Good initiative. p. 25.
- Grinko, N. K. - Year of working in a new fashion. p. 27.
- Aleksandrov, N. I., Khasanov, R. M., Nikulin, S. P. - Results of testing flameless blasting at the "Kapital'naya-2" mine. p. 28.
- Olov, V. S. - Using engineering methods for solving safety problems in mining. p. 30.
- Erkenov, A. U. - Safety in operating bridge clamshell cranes. p. 32.
- Fadeev, A. F. - Social inspectors are attending University courses. p. 33.
- Mavrin, P. E. - Control practice in chemical plants. p. 35.
- Abramov, F. A., and others. - Studies of transient processes in mine ventilation networks. p. 36.
- Baltafits, V. I. A. - Sealing off underground fires by the method of pressure equalization on both sides of fire barriers. p. 40.
- Barnz, V. I. - Extraction and use of petroleum casing-head gas in the R. S. F. S. R. p. 42.
- Fedotov, V. P. - Computation and construction of safety membranes. p. 43.
- Signalov, L. B. - Standard strength calculation for the elements of steam boilers. p. 46.

Stizhevskiy, I. I., Zakaznov, V. I. - Integrated for high-pressure acetylene. p. 48.

Rolzen, I. S., Mal'tseva, A. S., Kagan, L. M. - Explosiveness of the mixture of chlorine with pentane, isopentane, divinyl, and cyclopentadiene, and measures for preventing explosions. p. 50.

Rokunova, N. N. - A plunger pump for the transfer of nitric acid. p. 52.

Goldberg, Z. N. - Plenum of the Central Committee of the Trade Union of workers in the coal industry. p. 59.

D'jakova, G. B. - New guidelines on the testing and adjustment of holding installations with asynchronous drive. p. 61.

Vol. 9, no. 9, Sep. 1965

- Table of contents translated
- Make greater use of new devices and machines. p. 1.
- Aishava, V. G., Ivanchenko, G. P., Iurav, B. I. - Eliminate defects in the construction and use of belt conveyors. p. 4.
- Zorin, L. F., Lavinenko, N. M., Kovenchukov, I. A. - Safety problems in end mining with auger boring. p. 6.
- Kapitolushnikov, G. I. - Breakdown in shaft No. 2 of the "Kapital'naya" mine. p. 10.
- Gorbachev, D. T., Garbuz, D. I. - Make sure of the normal operation of compressors. p. 12.
- Izrael', S. A., Fridman, A. G. - Pay more attention to the execution of large-scale blasting in underground workings. p. 15.
- Medvedev, I. U. S., Reizenov, G. P. - Safety measures for carrying out large-scale blasting operations. p. 17.
- Korshakov, Zh. F. - Structural defects in 250 Hler dredgers. p. 18.
- Mamedov, G. A., Akhmedov, I. A. - Ways of decreasing traumatism in the quarries of Azerbaijan. p. 19.
- Dolotov, N. P., Radenenko, K. G. - Deficiency of the geodetic service, and industrial safety at chemical plants. p. 21.
- Shimov, I. A., Molotkov, P. G. - From practice in combatting mine accidents and fires. p. 24.
- Babulants, G. M., Kuchnov, V. M. - Results of technological improvements of ore extraction. p. 24.
- Akhmetshin, A. G. - Effective means of eliminating manual work in the petroleum industry. p. 27.
- Industrial aesthetes. p. 31.
- Boyanovskaya, I. A., Kretchevskiy, R. M. - Mining in areas of geologic disturbances. p. 32.
- Kochin, A. I. - Infusion of water into seams as a method of bump control. p. 34.
- Permitakov, R. S., and others. - Important wall rock sealing at the Kukuyshehor deposits and safety measures during its caving. p. 35.
- Okonevskiy, A. I., and others. - Determination of dust conditions in mines by the phenomena of lubricating oil aerosols in the air. p. 49.
- Soltanovich, A. I. - Estimate of impact safety in electric induction circuits with ferromagnetic cores. p. 40.
- Kuznetsov, I. A. - Automatic device for maintaining the water level in hollows. p. 44.
- Titov, V. P. - Special hoisting mechanisms for the external servicing of windows of high industrial buildings. p. 46.
- Shovhonko, I. O. A. - Protective capacity of mine-insulating self-sealers. p. 51.
- Patil, M. P. - Problem of protecting rubber mine factories against static electricity. p. 52.
- Chernyshev, A. K. - Normograms for determining the lower and upper limits of gas and steam explosiveness in a mixture with air. p. 53.
- Usakov, A. I. - A new method of hubbitt melting and the casting of eccentric shafts for cone crushers. p. 55.
- Utkina, T. M. - Innovators eliminate overloads of designers. p. 55.
- Filippov, V. A. - Securing the reliability of the performance of "K-51" and "K-61" automobile cranes. p. 56.
- Zaitsev, A. P., Nikitin, V. S., Filippova, M. P. - Results of the competition for the best enterprise in the coal and ore mining industries in dust control. p. 60.
- At the State Inspection on Safety in Mining of the R. S. F. S. R. p. 62.

*BULLETTEN' IZOBRETIENII I TOVARNYKH ZNAKOV [BULLETIN ON INVENTIONS AND TRADEMARKS]. Issued by Gosudarstvennyi komitet po izobreteniyam i otkryitiy SSSR [State Committee on Inventions and Discoveries of the U. S. S. R.]. Moscow, vol. 12, nos. 19-20, 1965.

INFORMATSIONNYI UKAZATEL' STANDARTOV [INFORMATION INDEX OF STANDARDS]. Issued by Gosudarstvennyi komitet standartov, mer i izmereniy SSSR [State Committee of Standards, Measures, and Measuring Instruments of the U. S. S. R.]. Moscow, vol. 26, no. 9, 1965.

IUNYI TEKHNIK [YOUNG TECHNICIAN] Issued by TsK VLSKM and Tsentral'nyi sovet plenerskoi organizatsii imeni V I Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the Lenin Pioneers] Moscow, vol. 10, nos 9-11, Sep - Nov 1965

* **IZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES]** Issued by Gosudarstvennyi komitet standartov, mei i izmeritel'nykh priborov SSSR [State Committee of Standards, Measures, and Measuring Instruments of the U.S.S.R.], Moscow, no. 9, Sep. 1965.

Table of contents translated
Sobolev, V. I. - Using the probability method in evaluating measurement errors considering the distribution of the measured magnitude. p. 1.
Golovinski, L. V., Sheremet, E. M. - Accounting for gradual failures of the switching cell on a tunnel diode. p. 4.
Boguslavskii, M. G., Shairova, E. E. - Standards for the calibration and testing of radioisotope thickness meters. p. 6.
Akhievskii, V. E., Solntsev, V. A. - Selecting operational frequency in measuring by the screen method. p. 8.
Smolenskii, D. L., Rukhlenko, M. A. - Devices for testing screw threads with circulating balls. p. 10.
Stepanian, A. G. - Industrial control of mutual arrangement of holes rated coaxial. p. 12.
Nepal'tze, N. Kh., Novgorodov, E. D., Tselnikov, K. T. - Increasing the precision of the piezoelectric method of force measurement. p. 15.
Aizhev, A. A. - Remote switch for strain gauges. p. 18.
Lapp, G. B., Popova, D. I. - Thermoelectric stability of thermocouples made of refractory metals and their alloys. p. 19.
Bragin, B. K., Popysheva, N. G. - Errors in individual calibration of chromium-nickel and copper-nickel thermocouples. p. 21.
Astakhov, O. P., Lobanov, V. V. - Measuring thermoelectric characteristics of semiconductors in solid and liquid phases at high temperatures. p. 22.
Karandeev, K. B., Grinovich, F. B. - Errors in the approximation of nonuniform scales. p. 24.
Baryshskii, L. L., Dem'ianchuk, V. S. - Using ferroelectricity in build-in control circuits. p. 20.
Lubarskaya, A. M. - Mutual effects of elements in three-phase two-element wattmeters. p. 28.
Itskovich, A. M. - Testing high-precision three-phase two-element wattmeters. p. 31.
Maldenov, A. I. - Harmonic analysis of subsonic-frequency electric signals and graphic curves. p. 33.
Malyshenko, N. V. - Designing the circuit of a four-terminal phaseometer. p. 36.
Klimov, V. V., Kovalin, I. A., Netsvetalov, N. A. - Device for measuring hysteresis loop ratios. p. 39.
Zaka, L. M., and others. - Thermistor bridge with automatic digital reading and an automatic zero correction. p. 41.
Prizonenko, V. I. - Wide-range calorimetric super-high-frequency power meter. p. 44.
Gladyshev, G. I., Chomoris, V. M. - Automatic wide-band frequency meter in microwave range. p. 47.
Nemirovskii, A. S., Nikonov, V. V. - Statistical method for establishing intervals between tests. p. 49.
Kudrinskii, V. D. - Calculating periods for compulsory testing of measuring instruments. p. 51.
Fedorov, I. M. - Periodicity of official inspection of measuring equipment. p. 53.
Bardun, G. D. - The 53d session of the International Committee of Measures and Weights. p. 54.
Kraev, I. N., Volynskii, I. D. - All-Union conference of institutions for higher education on measurements of the consumption of liquids, gases and granular materials. p. 56.
Rubenchik, B. I. A. - Devices for checking the diameter of ring grooves. p. 57.
Ageev, S. M. - Testing motor-vehicle scales. p. 58.
Apananov, V. A., Sherdakov, P. M. - Spring-type strain gauge for measuring flexures. p. 59.
Bofarskii, L. A. - Errors in measuring color temperature. p. 59.
Karbo, I. U. V. - Rotating unit for calibrating thermocouples. p. 60.
Vasilenko, B. K. - Using the F-12 photomultiplier for increasing the sensitivity of galvanometers. p. 61.
Oladevskii, A. I., Kirsoi, V. I. A., Rosheko, V. A. - Temperature compensation system for an alternating voltage stabilizer equipped with silicon voltage stabilizing tubes. p. 62.
Kheirulnizade, V. R. - Selecting optimal parameters of frequency correction devices for units having inductive input impedance. p. 63.

IZOBRETEL' I RATSIONALIZATOR [INVENTOR AND EFFICIENCY PROMOTER] Issued by Vsesoyuznoe obshchestvo izobretatelei i ratsionalizatorov [All-Union Society of Inventors and Efficiency Promoters]. Moscow, no. 7(227), 1965.

Table of contents translated.
Smirnov, G. - Business foundation of a creative activity. p. 1.

Rukhman, E. - Lighter-than-air stone. p. 2.
Attention competition. p. 4.
Moscow, 1965, the House of Trade Unions. p. 5.
Dobrov, G. - Electronic expert. p. 9.
Iur'ev, L. - Diamond ion. p. 10.
Muslin, E. - What does the odor of a diamond tell? p. 11.
Ivanov, S. - How to cast a suitable floor. p. 13, 16.
Conceived and achieved. p. 11.
Shagala, L. - Plimsoll line. p. 16.
Beliaev, I. U. - Human glider. p. 19.
Advertising board. p. 20.
Tatarskiy, V. - Autobiography. p. 22.
Use this in your construction. p. 27.
In your lawyer's office. p. 30.

MOKSLAS IR TEHNIKA [SCIENCE AND TECHNOLOGY]

Issued by Lietuvos TSR Ministrų Tarybos Valstybinis mokslinio tyrimo darbu koordinavimo komitetas [State Committee of the Council of Ministers of the Lithuanian S S R for the Coordination of Research and others. Kaunas, vol. 8, no. 10, Oct. 1965. [In Lithuanian]

MOSCOW GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT NAUCHNOI I TEHNIČESKOI INFORMACII [STATE SCIENTIFIC RESEARCH INSTITUTE FOR SCIENTIFIC AND TECHNICAL INFORMATION] Bulletin of Technical and Economic Information. Vol. 18, no. 9, Sep 1965

Table of contents translated
Kunys, I. S. - Smelting OI-3 pig iron in a cupola furnace and alloying with titanium in the ladle. p. 3.
Merlin, L. M., Demchenko, G. F. - Increasing the precision of cold rolling of U10A steel. p. 5.
Khizinski, D. Z., Kazakov, P. P., Lugovtsev, I. V. - Using aluminum chips instead of powder in producing ferro-alloys. p. 6.
Shavkun, B. I. - Introducing the ZPPN-5 leader. p. 7.
Nikolskii, L. P., Il'in, E. A. - Introducing an automatic system for dust removal from mine surface. p. 8.
Sokolov, D. K. - Introducing filling and pressurizing units. p. 10.
Chernina, L. L., Orzhovskii, V. I., Oleinikova, A. N. - Introducing electrically melted haddelcylite-conductor refractory material "Zirconate". p. 11.
Sokolova, K. D., Kuznetsov, V. M., Tikhomirova, V. I. - Introducing cyanide cadmium plating using asymmetric current. p. 12.
Vilenskii, B. A., Belavtsev, N. N. - Semiautomatic machine for cutting off parts produced by investment casting. p. 13.
Eshutenko, A. V., Zhelobov, B. Kh., Tarnarskii, M. A. - Introducing automatic machine for welding nozzles and connecting branches to pipes. p. 14.
Dudkov, V. F. - Using wire welding in radio equipment and thermocouples in pyrometry. p. 16.
Kris, L. G., Valsburg, V. A. - Manufacturing fittings by die stamping. p. 17.
Gusev, V. N. - Introducing an electric furnace having a vibratory conveyor for annealing bolts after upsetting. p. 18.
Gubin, L. G., Tishkov, G. F. - Semiautomatic device for assembling roller bearings. p. 20.
Kul'tin, L. L. - Manufacture and introduction of specialized machines for the coal mining industry. p. 22.
Lyashkov, I. U. I., Korolev, F. I. - The UKP-2 ultrasonic unit for testing small-diameter steel wire. p. 25.
Eizenko, I. F., Kurman, A. V. - Modification of the group inversion operation to storage punched tape in the "Ural-2" computer. p. 27.
Belikov, M. P., Guber, K. V. - Introduction of a new watering equipment in irrigation farming. p. 28.
Burov, A. A. - Mechanized winding of flexible connections made of copper band. p. 32.
Movshovich, P. M. - Cascade drive for wool-spinning machines with a basic and stratified speed regulation. p. 33.
Osipov, M. F., Kuznetsov, D. V. - Introducing the TAZS-1 tractor unit. p. 35.
Igor, I. U., Khodosova, V. N. - Introducing the MPK-304 transfer sectional contact-action machine for descaling skins. p. 37.
Karasik, Z. S. - Press for cutting out parts of shoe bottoms. p. 38.
Timas, G. S. - Introducing an automatic line for manufacturing the M12 hexagon headed bolts. p. 39.
Sokol'ski, G. K., Kuznetsov, D. V. - Introducing the KT-1 longitudinal cable conveyor. p. 39.
Krol', B. I., Egorov, O. P. - Introducing machinery for insulating pipelines. p. 40.
Ibragimov, I. I., Garaev, K. G., Nizarov, F. Kh. - Processing the information of complex alphabetic-digital texts. p. 42.
Timofeev, V. I. - Economic efficiency of using the MTZ-52 tractors. p. 44.
Mashkovskii, A. V. - Economic activity of the Middle Volga Economic Council. p. 45.
Improving technological standards and increasing the production of bearings in the enterprises of the Moscow City and Middle Volga Economic Councils. p. 48.

Expanding the assortment and improving the quality of thermoplastics. p. 49.
Kostenko, F. G. - Replacing lined iron plate by chromium plated iron sheet. p. 49.
Lebedinskii, L. L. - Modernizing equipment in enterprises of the Leningrad Economic Council. p. 51.
Timoshin, N. A. - Efficient utilization of raw materials for the production of hide glue. p. 52.
Shushov, M. M. - Promotion of advanced experience by the technological study room at the Podolsk Machinery Plant. p. 54.

MOSCOW. VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA SSSR. Informatsionnyi biulleten' [EXHIBITION OF ACHIEVEMENTS OF THE NATIONAL ECONOMY OF THE U.S.S.R. Information Bulletin] No. 3, Mar. 1965.

Table of contents translated
Quality, reliability, long service life. p. 2.
Perepelchikov, S., Kechov, V. - Exhibition of achievements of the National Economy in 1965. p. 4.
Davydov, A. - Always on the go. p. 5.
Buklovich, D., Birlukovich, I. U., Saibin, V. - Glass reinforced concrete in the national economy. p. 8.
Makel'mov, I. I., Borisov, M. - Substituting for manual labor. p. 11.
Dominskaya, G. - The ancient flask with a new quality. p. 13.
Kievskii, I. I. - Maintenance and repair of automobiles. p. 13.
Kochetkova, T. - Guarantee of health. p. 15.
Ventilation of mines. p. 16.
Lukovskii, V., Nizhnikov, N. - Ideas borrowed from the Exhibition of achievements of the National Economy. p. 17.
Davydov, T. - Integrated crops. p. 19.
Renzov, F. - Assistance came from electronics. p. 20.
Bukhova, K. - Prizes awarded to the best. p. 21.
Zambartsumova, I. I. - Muscovites share their experience. p. 27.
Oskol'nov, B. - The "Dilep" computer directs and controls. p. 23.
Raising healthy young stock. p. 21.
Bil'dman, I. I. - From exhibition stands into production. p. 23.
Krivala, L. - For the future crops. p. 20.
Butskaya, T. B. - Sources of fertility. p. 26.
TSelykovskii, P. - Provide the collective and state farms with elite seeds. p. 24.
Stetsenko, D. - Liquid ammonia is a valuable fertilizer. p. 30.
Cage batteries for poultry husbandry. p. 32.
Planter for precise seed sowing. p. 33.
Naryzskulov, N. - Isotopes and the elementary analysis. p. 35.
School republic. p. 36.
Kiehl, S. - Apparatus for the composer's laboratory. p. 38.

No. 7, July 1965

Table of contents translated
The most progressive county in the world. p. 2.
Turkovich, L. - In a collective of communist labor. p. 4.
Ravicher, S. - Faithful cooperation. p. 7.
Semenov, N. - Machines for the delivery of fertilizers. p. 11.
Muscovites share their experiences. p. 11.
Pulov, S. - Floating branch of the Exhibition of Achievements of the National Economy. p. 12.
Il'in, N. - Discovered by science, tried by practice, new highly efficient technology of the production of nonferrous metals from waste slag. p. 15.
First in the U.S.S.R. p. 16.
Electronic garment cutting machine. p. 17.
Electronic two-format EKA-2 copying machine. p. 18.
Snesarev, M. - Consolidated "Construction" pavilions in the third quarter. p. 19.
Filina, T. - Application of net progress charts and electronic computers in building. p. 21.
Men'shikov, L. - Story told by Latvian economists. p. 23.
Venediktov, A. - Mineral feeds for animals. p. 25.
Omel'chenko, A. - Producing high buckwheat crops. p. 27.
Loktionov, M. - Visiting with progressive swine breeders of the U.S.S.R. p. 28.
Sukhanin, A. - Application of chemistry in the fields of the Virgin Territory. p. 30.
Kondrashov, K. - Heavy draft-horse show. p. 33.
Mechanized station for the preparation of toxic chemical solutions. p. 34.
Science at the service of production. p. 35.
Pletneva, G. - On the occasion of the 40th anniversary of Moldavia. p. 38.
Velnets, L. - Pavilion of today's "Technological field crops." p. 39.

MUNICH. UKRAINSKYI TEKHNIČESKO-HOSPODARSKYI INSTYTUT. Naukovyi zapysky [UKRAINIAN TECHNICAL INSTITUTE Studies] No. 5(6), 1964

NAUKA I TEKHNIKA [SCIENCE AND TECHNOLOGY]
Issued by Gosudarstvennyi Komitet Sotsialnogo Ministerstva
Latvijskoi SSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the Latvian S.S.R. for the Coordination of Research] and others Riga, no 10(63), Oct. 1965

PROFESSIONALNO-TEKHNIЧЕСКОЕ ОБРАЗОВАНИЕ [VOCATIONAL TECHNICAL EDUCATION] Organ of Gosudarstvennyi Komitet po professional'no-tekhnicheskomu obrazovaniyu pri Gosplane SSSR [State Committee for Vocational Technical Education, Attached to the State Planning Committee of the U.S.S.R.] Moscow, vol. 22, no 10(245), Oct. 1965

Table of contents translated
Moscow, Palace of Congresses, October 2, 1965
pp 2 of cover, 1
Greetings from the Central Committee of the CPSU, the Presidium of the Supreme Soviet of the U.S.S.R., and the Council of Ministers of the U.S.S.R., p.1.
Greetings from the Central Committee of the Communist Youth League p.2.
Greetings from the Central Council of the All-Union Central Council of Trade Unions p.2.
To the Central Committee of the Communist Party of the Soviet Union, the Presidium of the Supreme Soviet of the U.S.S.R., and the Council of Ministers of the U.S.S.R. p.3.
High awards, p.4.
Zhuavlev, V. - Comparing their life with Lenin's, p.7
Shovtsov, V. - Let's teach them to follow the example of the best, p.9.
Iakovlev, M., Shapiro, R. - Patronage of the veterans of labor, p.10
Help of senior friends, p.12
In the State Committee on Vocational and Technical Education, p.14.
Pedagogical conferences of the workers of vocational and technical education of Moscow and Moscow Province, p.14.
Kislova, A. - We are proud of our personnel, p.16.
Silorski, A. - Let's know our students, p.17.
Vavilov, M. - They went a long way, p.19.
Efrem, D. - Let's pay attention to the scientific organization of labor, p.20.
Kvachev, I.A. - Organized instruction in the schools of White Russia, p.22.
Geikin, P. - Study room for the study of electric materials, p.24.
Kaler, E. - "Pioneri" training machine, p.26
Kanirov, I. - Independent methodological work, p.28.
Stoliar, L., Dishevskii, I. - Groups on profile polishing, p.30.
Stepinin, V. - Instructions on the production training of turners, p.32
Boudatyi, I., Babenko, I. - Studying the technical servicing of the tractor-driven multiple pose machinery, p.34.
Dushkin, F. - Preparing and conducting the practical training of machine operators, p.34.
Uspenski, B. - Glorious deeds of young grain growers, p.36.
Fedosova, E., Rckko, A. - Practical study of the progressive methods of work, p.37.
Kaz'rov, D., Serdukov, V., Sedukov, G. - Group method of instruction, p.38.
Semina, V. - How to prepare and conduct a class, p.40
Aizman, A. - Schools for foremen, their results and potentialities, p.41.
Kislovichev, N. - With the slogan "Teach and learn yourself!" p.43.
Pirogov, M. - Personnel for the Republic of Mali, p.46.

PROMYSHLENNOST' ARMENII [INDUSTRY OF ARMENIA] Issued by Sovet na odnogo khoziaistva Armianskoi SSR [Economic Council of the Armenian S.S.R.] Erivan vol. 8, no 7, July 1965

Table of contents translated:
Fulfillment of the gross output plan and the development rate of the industry of the Armenian Economic Council by branch administrations in the first six months of 1965, p.3
Fulfillment of the production plan for the most important kinds of industrial products by the enterprises of the Armenian Economic Council in the first six months of 1965, p.3
Fulfillment of the labor productivity plan in the Armenian industry in the first six months in 1965, p.5.
Classification of industrial enterprises of the Armenian Economic Council according to the fulfillment of the gross output production plan in the first six months of 1965, p.5
Agamdzhanian, E. - Standardization is an important potentiality in industry, p.6.
Tonkian, B. - Promote high profitability, p.9.
Bahadzhanian, R. - Efficiency of basic production funds, p.11
Izbashev, M. - Quarrying tuff of Artik deposit, p.13.
Terlaev, A. - Increasing the efficiency of the prospecting of the Shamjug deposit, p.16.

Gevorkian, G. - Dressing magnesitized rocks in the deposits of the Sevan Lake Basin, p.17
Mishanian, G., Oganesian, K. - Automatic control of the diameter of sheathed cables on the continuous vulcanization unit, p.20
Sarkisian, O. - Mechanization of the standardized accounting in enterprises, p.23
Shaginian, L., Minasian, S. - Aluminum (reliable substitute for copper), p.25
Sheshenina, G. - Gas-chromatographic method of analysis of the absorbent in the production of monovinylacetylene, p.26
Ambarsumian, A., and others - Model of a reactor for the production of acetylene from natural gas, p.27
Manukian, R. - The DLR-01 differential radiometer, p.30
Kazarian, M. - Agaveian marble is a filler for polyvinyl chloride materials, p.31
Agababian, G. - Promoting quality, p.33
Agayeva, L. - Active innovator, p.35
Shaginian, G. - Introduction of new equipment is a basis for technical development, p.37
Badalian, S. - New geophysical instrument and its test at the Akhtala deposits, p.39
Arustanian, S. - Scientist, teacher and social worker, p.42
Arutunian, G. - The LEP 35 and 110 kw precast lightweight concrete poles, p.44
Abulian, N., Ovehtian, V., Mnatsakanov, S. - Investigation of the corrosion state of Kirovakan gas pipelines and their protection, p.46
Sarkisian, R., Davtian, K. - Lightweight concretes based on alk-entrained fillers, p.48
Frumts, Z. - Improve the quality of design and installation work, p.51
Movsesian, IU. - Permanent seminars for economists and civic workers, p.53.
In the U.S.S.R., p.55
In the Committee of Party and State Control of the Central Committee of the Communist Party of Armenia and of the Council of Ministers of the Armenian S.S.R., p.59
In the Economic Council of Armenia, p.61
In the House of Technology of Armenia, p.63
Shakhmanian, L. - Conference on the improvement of efficiency indices of general production, p.64
Competition for the title of the best enterprise in sanitary conditions, p.66
Brief news, p.67
Livshits, R. - Responsibility of workers and employees for the violation of labor discipline, p.68

Vol.8, no.8, Aug.1965

Table of contents translated:
Our trade-mark is our honor, p.3.
Kuregan, V. - Chemical raw-materials instead of food materials, p.7.
Karakishv, D. - Natural gasoline is an easily available and cheap raw material for the production of acetic acid, p.9
Badalian, A. - Biting out the Erivan Worsted Fabrics Works from the deep backwood, p.11.
Badalian, A. - State of safety measures at the Kafan Copper Works, p.13
Kostandian, Z. - Great deeds of workers at the Erivan Aluminum Plant, p.13
Simonian, K., Bogdanian, R., Ikravova, K. - Economic problem in using basalt as raw material in stone casting, p.14.
Mikrychev, A. - Technical and economic substantiation of the type of articles in the manufacture of devices for analytical purposes, p.17
Armaganian, A. - Mechanization of shoe-manufacturing processes, p.18
Kostanian, G., Movsesian, A. - Continuous automatic determination of the composition of exhaust gas in acetic acid production, p.20.
Simonev, M. - Method of hot molding of concrete mixes and the outlook for its use, p.22.
Arapelian, G., Gukasian, Zh. - Possible reductions of losses of molybdenum and zinc metals with the copper concentrate at the Kadzhan Ore Dressing Plant, p.25.
Kalanatlian, A., Kuzumov, N. - Technology of making the Cahors-type wine, p.28
Nesterenko, A. - Universal adjusting block, p.29
Gevorkian, E. - Machine for processing carbon-graphite electrodes, p.30.
Zaz'ian, E. - New kinds of soft drinks, p.32.
Shikhova, P. - Innovators at the Erivan Sewn-Knit Glove Factory, p.34.
Khechelian, E. - Plant of innovators, p.36
Akhimov, V. - Improving work organization at the Kirovakan Synthetic Fiber Plant, p.38
Sukhtanian, A., Blum, S., Kazarian, A. - Effect of polymerization inhibitors on the strength of acid-resisting pastes in chloroprene containing media, p.39.
Miskarov, K. - Stone concrete based on natural porous fillers, p.41.
Petrosiants, R., Esayan, M. - Effect of the installation of hydraulic copying carriages on the vibrating state of the SPID (machine tool-drive cutting tool-part) system, p.44.
Osipov, G., Martirosian, S. - Noise control is one of the urgent problems, p.49

Tatolov, R. - Two-channel electromechanical commutator, p.52
Melkonian, V., Lalaeva, K. - Effect of admixture on the electric conductivity of wire-brit copper, p.53
In the special industrial design office, p.56
Manukian, N. - Conference of casters, p.59
In the U.S.S.R., p.62.
In the Party and State Control Committee of the Central Committee of the Communist Party of Armenia and the Council of Ministers of the Armenian S.S.R., p.67
In the Economic Council of Armenia, p.69.
In the House of Technology of Armenia, p.71
Brief news, p.72
Wage and bonus system for workers, p.73

REFERATIVNYI ZHURNAL' MFTROLOGIIA I TIZM RI-TEL'NAIA TFKHNIKA (Odel'nyi vypusk 37) [JOURNAL OF ABSTRACTS METROLOGICAL AND MEASUREMENT TECHNIQUES (Separate Issue 37)] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos 10-11, Oct.-Nov. 1965. Predmetnyi ukazatel' za 1964 g. [Subject Index for 1964]

REFERATIVNYI ZHURNAL' NAUCHNAIA I TFKHNIKESKAIYA INFORMATSIIA (Odel'nyi vypusk 60) [JOURNAL OF ABSTRACTS SCIENTIFIC AND TECHNICAL INFORMATION (Separate Issue 60)] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no.5, Sep. 1965

RUSSIA (1923- U.S.S.R.) Komitet standartov, pri Upravlenii tekhnicheskimi i nauchnymi izobrazheniyami [Committee of Standards, Measures, and Measuring Instruments, Transactions of the Institute of the Committee]. Moscow, no.74(134), 1963.

Table of contents translated
Shigulin, V.P. - Network and methods for evaluating the accuracy of calibration of standard resistances, p.5.
Teplovskii, A.M. - I-type of bridge and prospects for its use in the measurement of large resistances, p.11
Gribovskii, A.I. - Method for calculating losses in measuring standard with coaxial-cylindrical electrodes, p.19.
Ljushits, L.S. - Development of large inductance measuring standards for frequencies up to 1000 cycles, p.28
Galakhova, O.P., Rozhdetsvenskaya, T.B. - Use of thermoelectric compensation for checking a.c. compensators at increased frequencies, p.41
Bozhukov, A.A., Zoln, D.I. - Voltage-measuring ohm meter for audio and ultrasonic frequencies, p.50
Veksel, A.Z., Penkov, N.V., Lalaeva, T.N. - Phase sensitive audio frequency voltmeter, p.67.
Kotik, E.D. - Two-channel phase calibrator, p.74
Veksel, A.Z., Semenko, N.G. - Device for integrating small d.c. voltages, p.60
Ilukovich, A.M., Levyn, M.I. - Temperature error of induction watt-hour meters, p.101.
Osher, I.N. - Measurement of the phase error of an electrodynamic oscillating meter at a commercial frequency, p.111.
Rumiantsev, A.S. - Methods and equipment for heating d.c. instrument transformers, p.125.
Veksel, A.Z., Zakharov, B.V. - Use of a magnetic comparator in testing a.c. instrument transformers, p.136.

STANDARTIZATSIYA [STANDARDIZATION]. Issued by Gosudarstvennyi Komitet standartov, pri Upravlenii tekhnicheskimi i nauchnymi izobrazheniyami SSSR [State Committee of Standards, Measures, and Measuring Instruments of the U.S.S.R.], Moscow, vol.20, no 8, 1965

Table of contents translated:
40 years of state controlled standardization, p.1.
Kuz'min, V.V. - Developing a unified system of technical documentation, p.4.
Shul'muk, K.G. - Standardization of technical documentation, p.5.
Dobrianski, A.I. - Problems in the standardization of design documentation, p.7.
Chevchinskaya, V.V. - Requirements of mechanical drawings in connection with the use of numerically controlled machine tools, p.8.
New developments in science and technology, p.10.
Iamova, Z.D. - Basic stages in the development of standardization in the U.S.S.R., p.14.
Krzhtzhanevskii, G.M. - Planning and standardizing, p.20.
Standardization in our whole country, p.20.
Kulyshev, V.V. - Rates of standardization, p.23.
Somashko, N.A. - Standardization in public health, p.24.
Lengnik, F.V. - Standards for the masses, p.25.
Obratnov, V.N. - Role and importance of standardization in industrial production, p.26.

Coogan, Bernard, Simons, L.D. - Two interviews. p.23.
 Mikhailov, P. - Such is our profession. p.24.
 Arzhelis, D. - At a pioneer camp. p.26.
 Semenov, M. - Know about and know how! p.26.
 Sport news. p.27.
 Eimakov, A., Pizhenkov, G. - A sports "air battle." p.28.
 Martynov, B. - Effective method of hopping up engines. p.29.
 Air miscellany. p.29.
 Tereshchenko, I.U. - The Polish jet plane "Iskra" TS-II. p.30.
 It is interesting to know this. p.31.
 Sokolov, I.U. - How to build an engine with small cylinder capacity. insert, p.1.
 Matveev, V. - In free flight. insert, p.4.
 Ukolov, N. - Rocket models of winners. insert, p.7.
 From the practice of foreign airplane modeling. insert, p.8.

MOSCOW. AVIATIONNIY TEKhnOLOGICHESKII INSTITUT. Trudy [TECHNOLOGICAL INSTITUTE OF AERONAUTICS. Transactions]. No.62, 1965.
 Pressure working of light alloys.
 Table of contents translated
 Sakharov, G.S., and others. - Forging and hot die stamping of SAP [sintered aluminum powder]. p.5
 Tsipulin, I.P., Sakharov, G.S. - Forgeability of clad sheet SAP [sintered aluminum powder]. p.14.
 Palsov, A.I., and others. - Dependence of the structure and properties of SAP [sintered aluminum powder] on the sintering temperature and degree of deformation during rolling. p.22.
 Palsov, A.I., and others. - Transformations during the powder heating for SAP [sintered aluminum powder]. p.30.
 Sakharov, G.S., Manullov, V.F., Galkin, A.M. - Investigating the seizing of the material SAP [sintered aluminum powder]. p.38.
 Sakharov, G.S., Kolpashnikov, A.I., Manullov, V.F. - Seizing of structural elements. p.48.
 Glatsintov, E.V., Stepanov, M.N. - Investigating the fatigue resistance of the material SAP-1 [sintered aluminum powder]. p.57.
 Tselikov, A.I., Kolpashnikov, A.I., Anufriev, A.N. - Flow rates and stresses in metals being rolled. p.67.
 Kachalnik, O.I. - Investigation of force parameters during hot rolling. p.91.
 Evlanov, N.G., Sakharov, G.S. - Investigating metal flow in the manufacture of thin parts by forging. p.101.
 Sakharov, G.S., Evlanov, N.G., Rusanov, F.F. - Liquid metal forging. p.110.
 Taranov, S.N. - Temperature of the container during the extrusion of aluminum alloy parts. p.135.
 Evlanov, N.G., Sakharov, G.S. - Forging titanium alloy ingots. p.145.
 Sakharov, G.S., Manullov, V.F., Balakhin, V.P. - Effect of surface conditions on the seizing process during cladding. p.157.
 Sakharov, G.S. - Investigating technological lubricants for hot forging. p.160.
 Mikhlin, T.A., Kleshech, A.S., Popova, V.I. - Investigating the effect of full semihot work hardening on the mechanical properties of the KhN77TiUR (E1437B) alloy. p.172.

No.63, 1965 Making light alloy castings
 Table of contents translated
 Gudchenko, A.P. - Investigating the refining and degassing of aluminum alloys during filtration. p.5.
 Radin, A.I.A., Sorokin, V.V. - Investigating the process of refining liquid aluminum. p.23.
 Nikishcheva, O.I., Sharov, M.V., Fadeeva, G.S. - Coating molds for the casting of aluminum-silicon alloys. p.45.
 Golubenko, R.A., Sharov, M.V. - Risers with exothermic heating for aluminum alloy castings. p.62.
 Bibikov, E.L., Leibov, I.U.M. - Effect of beryllium and magnesium additions on the properties of an Al + 7% Si alloy. p.80.
 Nikitina, M.F., Antashev, V.G. - Investigating the inoculation of the AL8 alloy with small additions of zirconium, tantalum, and molybdenum. p.94.
 Nikitina, M.F., Tikhonov, A.A. - Effect of inoculating the AL8 alloy on changes in its mechanical properties in conditions of prolonged storage. p.106.
 Serebriakov, V.V., Ratner, A.D. - Investigating the supersaturated solution of hydrogen in the ML5 alloy. p.120.

REFERATIVNIYI ZhURNAL AVIATIONNIY I RAKETNIYE Dvigateli (Older'nuyi vypusk 34) [JOURNAL OF ABSTRACTS AIRCRAFT AND ROCKET ENGINES (Separate Issue 34)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no.10, Oct. 1965.

REFERATIVNIYI ZhURNAL RAKETOSTROFIE (Older'nuyi vypusk 41) [JOURNAL OF ABSTRACTS ROCKET BUILDING (Separate Issue 41)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos.10-11, Oct.-Nov. 1965.

REFERATIVNIYI ZhURNAL VOZDUSHNYYI TRANSPORT [JOURNAL OF ABSTRACTS AIR TRANSPORTATION] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos.8-10, Aug.-Oct. 1965 [This journal is also issued in parts].

c CHEMICAL TECHNOLOGY

*KAUCHUK I REZINA [CRUDE AND VULCANIZED RUBBER]. Organ of Gosudarstvennyi komitet po khimii pri Gosplane SSSR and Vsesoyuznoye khimicheskoe obshchestvo imeni D.I.Mendeleva [State Committee for Chemistry, Attached to the State Planning Committee of the U.S.S.R., and the D.I.Mendelev All-Union Chemical Society]. Moscow, vol.24, no.8, 1965.

Table of contents translated
 Rappoport, L.I.A., Apukhina, N.P., Mozzhukhina, L.V. - Relation between the degree of cross-linking of urethane polymers and carbonyl group content of the initial polyesters. p.2.
 Davydova, V.P., Lebedeva, Z.S., Kulin, A.V. - Thermal stability of siloxane elastomers obtained with acid and alkali catalysts. p.6.
 Eitington, I.I., and others. - Transformation of the vulcanization accelerator N-cyctohexylbenzothiazole-2-sulfenamide during thermal treatment. p.9.
 Zuev, I.U.S., and others. - Effect of antioxidants on the ozonization of rubber at various temperatures. p.12.
 Panshin, B.I., Golovastov, E.S. - Method for evaluating the heat resistance of sealing rubber during short-time heating. p.10.
 Goclik, B.M., and others. - Studying the compression of round cross-section sealing rings with lubricated surfaces. p.21.
 Efel', E.S., Botvinnik, G.O. - Mechanism of the shrinkage of shaped rubber parts. p.25.
 Kopeisha, L.M., and others. - Rubber coating of metal-cord cloth in a cord calendar unit. p.29.
 Vostokov, E.G., and others. - Provide the rubber the repair industry with the new type of equipment. p.33.
 Solov'eva, Z.M., Aleksandrov, V.V. - Technological process of the manufacture of diaphragms for shaper-vulcanizers used by the Dnepropetrovsk Tire Plant. p.35.
 Tokareva, T.E., and others. - Formulas and technology for the manufacture of frost-resistant boots. p.42.
 Kel'man, G.I.A. - Toxicology of paraxycnezone and "Antox" p.44.
 Karaseva, A.F., and others. - Specialization in the manufacture of technical rubber goods is the most important problem. p.46.
 Velselskaya, N.D., and others. - Effect of aldehydes on the rate of polymerization of butadiene and methyl styrene. p.51.
 Eshlov, I.U.G. - Drying of rayon cord after dipping. p.52.
 Kucherskii, A.M., Sokol'skaya, V.D. - Grips for the tension test specimen of conveyor belts made from synthetic fibers. p.54.
 Shefel', I.A. - Ninth Mendelev Congress on General and Applied Chemistry. p.60.
 Khanzhikov, V.A. - Results of the work of the Commission of the Rubber Industry of the International Association of Trade Unions. p.57.
 Book reviews and bibliography. p.61.

Vol.24, no.9, 1965.

Table of Contents translated
 Gillskaya, N.S., and others. - Vulcanization of the fluoropolymer of Fluorocelastomer 20 with Schiff bases. p.2.
 Iukel'son, I.I., and others. - Studying the nitro derivatives of polyarylene alkyls as ingredients of rubber compounds. p.6.
 Zolotarevskaya, L.K. - Protection of rubber compounds against scorching. p.8.
 Luchanskaya, L.I., Tsapina, N.A., Kuz'minskii, A.S. - Studying the relationship between the chemical relaxation of stresses and the failure of rubber seals. p.13.
 Lezhnev, N.N., and others. - Using the bromination method for the testing of carbon black. p.10.
 Averk-Antonovich, I.A., and others. - Production of colored thiolok sealing materials. p.20.
 Shmurak, I.L., Uzna, R.V., Berlin, A.A. - Some factors determining the formation of chemical bonds on the boundary of adhesive - substrate separation. p.23.

Suleimanova, Z.I., Markina, A.V. - Some changes in the structure of rayon fibers taking place under various conditions of the impregnation and drying of cord threads. p.27.
 Krugelskii, I.V., and others. - Traction contact fatigue of high-elastically materials. p.30.
 Frolov, L.B., Frolov, M.K., Voronin, V.G. - Using the electron ionization method for determining the rolling resistance of tires. p.34.
 Barinov, G.M., Iurovskii, V.S. - Using the photo-elastically method for the analysis of stresses in rubber-metal valves. p.38.
 Dubinski, I.U.B., Slepukhin, T.L. - Testing of elastomaterials for stretching at high temperatures. p.42.
 Udras, G.I.A., Ermolova, N.N., Remizova, A.M. - Determining the coefficient of area changes in textile materials in rubberizing and coating with rubber compounds on elastomers. p.46.
 Galybin, G.M., Maslova, G.A., Fedotova, M.I. - Chemical composition of triethyl. p.49.
 Kur'min, I.U.S., Demidov, G.K. - Mixing and cutting rolls for the preparation and sheeting of rubber compounds. p.52.
 Morozov, M.A. - System for the wetting of extruded rubber goods with emulsions and suspension. p.54.
 Naoditskaya, V.A. - International Chemistry Exhibition. p.57.

Vol.24, no.10, 1965.

Table of contents translated
 Badonkov, P.F., Evstratov, V.F., Khamina, G.M. - Improving the quality of tires to come up to the level of the best world standards. p.2.
 Apukhina, N.P., and others. - Studying the cross-linking of urethane polymers under the effect of atmospheric humidity. p.8.
 Boguslavskii, K.V., and others. - Stage-stage manufacture of carboxylic compounds with the addition of sulfur during processing in the rubber industry. p.12.
 Volkmanin, N.S., and others. - Pneumatic conveying of rubber compound ingredients. p.15.
 Praykova, N.A., and others. - Application of the turbidimetric titration method for determining the molecular weight distribution in siloxane polymers. p.19.
 Vasiliev, A.I., Tutovskii, I.A., Dugadkin, B.A. - Properties and structure of the products of vulcanization reaction with styrene. p.24.
 Fronkel', R.Sh., and others. - Studying the effect of zinc oxide on the breakdown of the polysulfide bonds of vulcanizates. p.26.
 Peshchanskii, R.A., and others. - Use of para-alkylbenzyl pyridinium chloride as vulcanization accelerators of rubber compounds. p.27.
 Ionova, T.V., Uzna, R.V., Stomova, I.D. - Method for the processing of polyester cord. p.30.
 Biderman, V.L., Zhilov, A.D. - Design of a rubber plate type shock absorbers. p.32.
 Tonoi, R.V., Gudkova, L.F. - Temperature-flow superposition of flow curves as a method for expanding the experimental possibilities in testing the rheological properties of rubber and rubber compounds. p.37.
 Kudravytsev, V.A. - Changes of the dynamic modulus of elasticity of rubber in the speed function measured during impact. p.39.
 Zakenberg, S.M., Novakhov, D.V. - Testing of auto mobile tires. p.40.
 Smolnitskii, V.Z., Khutela, A.A. - Paints for rubber goods. p.43.
 Ashumskaya, E.I., Potamoshnev, S.P. - Methodology for comparing labor productivity in the tire industry. p.45.
 Kirsanov, N.V., and others. - Use of bentonite in the manufacture of technical dipped rubber goods. p.49.
 Malinov, V.I. - Improved design of V-shaped transmission beltting. p.50.
 Englin, B.A., and others. - Studying the effect of interference of rubber coatings and fuel on the properties during storage. p.52.
 Kreshkov, A.P., Balatinskaya, L.N. - Using the mercury-acetate method for determining the general nonmaturation of butyl rubber. p.55.

KHIMICHESKIE VOLOKNA [SYNTHETIC FIBERS]. Organ of Gosudarstvennyi komitet khimicheskoi promyshlennosti pri Gosplane SSSR [State Committee for the Chemical Industry, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, no.5, 1965.

Table of contents translated
 Kiporskiy, E.Z. - Riping of viscose. p.1.
 Fil'bert, D.V., Mo'kova, G.M., Pakshet, A.B. - Effect of the molecular weight distribution in polypropylene on fiber properties. p.6.
 Mikhailov, N.V., Efimova, S.G., Byrkova, I.I. - Density of the diluted solutions of some fiber-forming polymers. p.8.
 Kudravytsev, G.I., and others. - Some chemical properties of cross-linked polyacrylonitrile fibers. p.13.

- Rudskovich, B. V., Vasil'ev, I. V., Kunkin, A. A. - Studying the viscosity of fluoride-containing polymers. p. 16.
- Uteval, L. F., Pospelov, K. E. - Thermal treatment of polyvinyl alcohol fibers with a various draft multiplicity factor. p. 21.
- Bel'kovich, H. G., and others. - Orientation draft of polyvinyl alcohol fibers. p. 24.
- Arkhangelskiy, D. N., and others. - Saponification of cellulose xanthates in a homogeneous medium. p. 27.
- Ribeleva, V. P., Kipetshtik, E. Z. - Effect of cellulose properties on the structural viscosity of viscose. p. 29.
- Selkov, A. T., Pokrovskiy, V. N. - Causes of the structural nonuniformity of viscose fibers. p. 32.
- Steglich, G. K., and others. - Protection of cellulose materials against destruction by weathering. p. 35.
- Kuznetsov, I. U. P., Lekaev, V. M., Vilesov, N. G. - Production of carbon disulfide from methane and sulfur in the high-temperature zone. p. 38.
- Belotserkovskiy, G. M., Levit, R. M. - Studying the dynamics of carbon disulfide and hydrogen sulfide sorption from concentrated mixtures. p. 42.
- Lezhnev, V. K., Serkov, A. T. - Recovery of carbon disulfide during the formation of rayon cord on PN-300-I machines. p. 45.
- Vedernikova, L. G. - Properties of polycarbonate fibers. p. 48.
- Rogovina, A. A. - Changes in cord properties during dynamic and static fatigue. p. 51.
- Nikonovich, G. V., and others. - Structure of the surface and ultra-thin sections of polymeric fibers. p. 54.
- Sukhanov, A. L. - Ways of automatic regulation of the process of cellulose degradation. p. 60.
- Strakov, V. I., Kuznetsov, A. M. - Position circuits of the automatic temperature regulation in spinning heads with electric heating. p. 63.
- Shtybel'din, N. S., Krutikova, N. V. - Prospects and economic efficiency of the development of synthetic textile fiber production in Kazakhstan. p. 65.
- Atem'eva, N. K., and others. - Recovery of zinc sulfate from settling and plastification baths. p. 67.
- Zamelin, V. I. - Biochemical purification of sewage waters. p. 69.
- Dukhin, M. I., and others. - Device for simplified quality control of viscose. p. 69.
- Iskumenko, T. I., and others. - Loose nylon fiber dyeing. p. 70.
- Abstracts. p. 72.
- Book review and bibliography. p. 70.
- Zhatkova, M. A., Romanova, T. A. - Chemical-resistant fibers with a base of acrylonitrile. p. 77.
- Filinkovskaya, L. F. - Modifiers and auxiliary chemical substances for synthetic textiles. p. 77.
- Sorov, L. - Central factory laboratories of synthetic fiber plants. p. 78.
- Solov'eva, G. I. - Scientific and technical seminar on the "New dyes and dyeing of loose synthetic fibers". p. 78.
- Zakhar Aleksandrovich Rogovin. p. 79.
- KHIMIKATSI I NEFT'NAYA MASHINOSTROENIE [CHEMICAL AND PETROLEUM MACHINERY MANUFACTURE]. Organ of Gosudarstvennyi komitet khimicheskogo i neftekhimicheskoi promyshlennosti pri Gosplane SSSR [State Committee of the Chemical and Petroleum Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, no. 9, Sep. 1965.
- Table of contents translated:
- Gel'perin, N. I., and others. - Horizontal multi-stage atomizing extractor. p. 1.
- Pinkovskiy, I. A. I. - Comparison between foreign and domestic electrical dehydrators. p. 4.
- Litvin, O. P. - Designs of mixing condensers. p. 7.
- Reiderman, I. U. I. - Calculating flange couplings with contact over the entire shaft surface. p. 8.
- Pozin, M. E., and others. - Calculating the efficiency of the shelves of fillers for absorption and desorption processes. p. 11.
- Malinovskaya, T. A. - Means for intensifying the filtration processes of highly dispersed suspensions. p. 13.
- Tatunnikov, A. B., and others. - Determining the efficiency of standardized bubble-cap plates. p. 15.
- Beiman, I. A. A. - Heat emission and aerodynamic resistance of heat-exchanging tubular surfaces in the wide range of the Reynolds criterion. p. 18.
- Maslovskiy, M. F. - Dynamics of fluidized beds. p. 20.
- Fridland, M. I. - Concentration of particles in fluidized bed apparatus in pneumatic conveying systems. p. 23.
- Khokhlov, S. T., Annenkov, V. A., Shutkin, G. A. - Studying the process of mass transfer in a scrubber having concentrically slotted plates. p. 25.
- Atchakov, I. U. I., Grobeshkova, I. D. - Studying the tendency of steel toward carburizing in molten metal at increased temperatures and pressures. p. 26.
- Shreider, A. V., Shparber, I. S., Zhuk, N. P. - Corrosive exfoliation of metals of petroleum-refinery low temperature equipment. p. 28.
- Lushchik, M. K., Kudrikov, E. D. - Joining tubes to tube plates in high-pressure apparatus. p. 32.
- Akimov, V. I. - Standardization of counter-flow jet mills. p. 33.
- Mozhukhin, A. S. - Atomizer for burning liquid phosphorus. p. 35.
- Kuznetsov, N. D. - Elimination of a design defect in tubular heaters. p. 36.
- International exhibition "Chemistry in industry, construction, and agriculture." p. 36.
- Volechek, A. M. - Polymer materials and equipment for processing them. p. 37.
- Petracek, M. - New installations for fluidized bed processes. p. 40.
- *KHIMIA I TEKHNOLOGIYA TOPLIV I MASEL [CHEMISTRY AND TECHNOLOGY OF FUEL AND OIL]. Issued by Gosudarstvennyi komitet neftepererabatyvayushchey i neftekhimicheskoi promyshlennosti pri Gosplane SSSR [State Committee for the Petroleum Refining and Petrochemical Industry, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, vol. 10, no. 10, Oct. 1965.
- Table of contents translated:
- Butovskiy, V. A., and others. - Mathematical model of the pyrolysis process in tubular furnaces. p. 1.
- Kryazhev, V. L., and others. - Use of hexane fraction from the central gas-fractionation plant (TSGFU) as raw material in the catalytic reforming systems. p. 6.
- Katsolovskiy, I. A. R., Elbert, E. I. - Hydrocracking of absorption oils. p. 8.
- Gankin, V. I. U., and others. - Effect of the temperature of formation of metallic cobalt on its reaction capacity in the process of carbonyl formation. p. 11.
- Artamonov, D. S., Orlov, B. N., Tunnov, I. U. V. - Determining the coefficients of mass transfer during absorption. p. 15.
- Ivchenko, E. G., Sevast'yanova, Galipova, L. Z. - Petroleum from the Karaacha-Yolga oil field. p. 16.
- Glazov, G. I., Kaitlin, B. N., Chernozhukov, N. I. - Structure of the solid hydrocarbons of distillation raffinate. p. 18.
- Mollin, M. A., Savostin, A. P., Chernodanova, E. S. - Development of the continuous method for the production of polyisobutylene with 1000-3000 molecular weights. p. 23.
- Sukhanov, S. S., Lorynskaya, I. P. - Production of surface-active substances from Krasnodar condensates for the treatment of drilling fluids. p. 27.
- Kotova, A. V., Emel'yanova, S. V., Ben'kovskiy, V. G. - Removal of vanadium from oil and petroleum products with the aqueous solutions of sulfonic acids. p. 29.
- Pigurova, L. I., and others. - Resistance to acids of synthetic calcite zeolites. p. 32.
- Chistovskiy, B. P., and others. - Methodology for determining labor productivity in the petroleum industry. p. 34.
- Popov, V. V., Molokanov, I. U. K., Sverchinskii, B. S. - Use of electronic computers in the calculation of continuous rectification processes of binary mixtures. p. 39.
- Leiner, M. O. - Characteristics of the combustion of fuels with cyclopentadienyl manganese tetrabonyl additives. p. 43.
- Zelov, V. N. - Mechanism of the formation of micro-impurities in jet fuels. p. 46.
- Stupishin, I. U. V. - Composition of oil deposits in the lubrication systems of engines operating with the MK-8 lubricating oil. p. 50.
- Mashireva, L. G., Orlova, M. I., Sorokina, S. B. - Determination of sodium in petroleum products by the yellow doublet with the use of the ISP-28 spectrophotograph. p. 52.
- Kudryavtseva, N. N., and others. - Selecting the optimum conditions of chromatographic separation for fillers made from Zikeev deposit tripoli. p. 55.
- KHOLODIL'NAYA TEKHNIKA [REFRIGERATION ENGINEERING]. Issued by Vsesoyuznyi nauchno-issledovatel'skiy institut khilodil'noi promyshlennosti [All-Union Scientific Research Institute of the Refrigeration Industry] Moscow, vol. 42, no. 5, Sep.-Oct. 1965.
- Table of contents translated:
- Libimov, N. P. - Reducing product weight losses during holding in cold-storage warehouses is an important problem of the national economy. p. 1.
- Danilov, A. M. - Weight losses in ready-to-cook frozen meat products during storage. p. 4.
- Krupitskaya, M. Z. - Storage of frozen meat in chambers equipped with ice shelves. p. 6.
- Nizov, S. I. - Investigating meat freezing in half carcasses at low temperatures and forced convection heat exchange. p. 8.
- Kolesnik, A. A., Avdeeva, L. A. - Effect of immediate postharvest chilling of apples on their keeping quality. p. 10.
- Maksimov, P. S., Efremov, I. I. - New cold storage warehouse in Moscow. p. 14.
- Shavra, V. M. - Small Freon air coolers. p. 16.
- Iakobson, V. B. - Heat exchange between refrigerator compressors and environment. p. 23.
- Zakharov, I. U. V., Kauter, F. - Refrigerator ship with block type refrigeration units. p. 26.
- Merkulov, A. P. - Using the method of condensation and freezing-out in the dehumidification of compressed air. p. 34.
- Rozentfel'd, L. M., and others. - Testing lithium-bromide absorption type refrigeration plants. p. 38.
- Danilov, R. L. - Low-temperature absorption type refrigeration plant. p. 41.
- Zhadan, S. Z., and others. - Experimental testing of small capacity Freon ejectors. p. 45.
- Barenboim, A. B. - Effect of the physical properties of refrigerants on cavitation phenomena in pumps. p. 49.
- Detkovskiy, M. M. - Apparatus for deep cerebrum hypothermia. p. 52.
- Bobrovnikov, M. I. - Fire prevention in cold storage warehouses. p. 53.
- Shneiderman, I. P. - Ice shielding of compartments in the Moscow Cold Storage Warehouse No. 1. p. 56.
- Sunka, I. D. - Reducing losses in frozen meat preservation in cold storage warehouses. p. 59.
- Kazanskii, G. M. - Simplified method for covering and glazing meat piles. p. 60.
- Kotkov, V. N. - Automation of the subassemblies of refrigeration plants for petrochemical industries. p. 61.
- Ginsbaum, L. L., Lifanov, B. V., Khelomskiy, A. M. - Multiple-point thermometer for insulation structures. p. 63.
- Kramarskiy, F. I. - Regeneration of spent lubricating oils. p. 65.
- Kaplan, L. G. - Determination and elimination of defects in the electric equipment of refrigerating machinery. p. 66.
- All-Union conference of the representatives of high-education institutions in Odessa. p. 70.
- Semina on refrigerator ship equipment. p. 72.
- Graduation of refrigeration specialists of the 1964-1965 term. p. 72.
- Sofei, A. A., Romanovskiy, N. V., Kozlova, O. V. - Grading of the series of fin Freon air coolers. p. 76.
- *KOKS I KHIMIA [COKE AND CHEMISTRY]. Organ of Gosudarstvennyi komitet po khimii i tsvetnoi metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, no. 3, 1965.
- Table of contents translated:
- Lazovskiy, I. M., and others. - Industrial pilot plant for selective coal crushing in the Nizhny Tagil Metallurgical Combine. p. 1.
- Gilazetdinov, M. M., Chernykh, N. P. - Coal preparation and regeneration of suspensions in a unit with three-product separators. p. 7.
- Andreev, U. T. S., Kinarovskiy, V. A. - Preparation of fine coal with the magnetohydrodynamic separation method in a channel type separator. p. 12.
- Nikulin, I. U. K., Kurguzkin, V. P., Korobchanskii, I. P. - Automation of coke oven heating systems. p. 18.
- Vasil'chenko, S. I. - Increasing the uniformity of coke oven heating. p. 23.
- Gorovoi, G. P., and others. - Discussing coke quality. p. 27.
- Lgalov, K. I., Chernykh, M. S. - Pressure conditions of coke ovens. p. 32.
- Sykov, K. I., and others. - Formation of the grain structure of pyrolytic carbon. p. 34.
- Bunakov, N. G., and others. - Production of ammonia water on the base of coke-oven gas with the circular phosphate method. p. 36.
- Marfitch, L. I. - Studying the composition of the impurities of hydrofined benzene separated by the rectification method. p. 41.
- Khanin, I. M., and others. - Studying the hydrodynamic conditions of crystallizers for nonsaturation processes. p. 47.
- Toptygin, L. A., Vlaev, K. P., Kravchenko, A. T. - Basic initial data for the development of automatic driving systems for the displacement mechanism of coke pusher machines. p. 52.
- Kapil'zon, I., Zayl'nikov, V. - Study of experiences in the mechanization and automation of coal preparation and coking shops. p. 58.
- Vaigant, N. P. - Discussing the problems of coke chemistry. p. 60.
- No. 8, 1965.
- Table of contents translated:
- Produce more chemical materials from coking for the chemical industries. p. 1.
- Litvinenko, M. S., Noskevich, I. M. - Development of the production of coal-chemical materials from coking for the manufacture of industrial polymeric products. p. 3.
- Sokolov, V. Z., and others. - Using the method of purification by sulfuric acid with additives in the recovery of benzene for organic synthesis. p. 7.

- Kharlampovich, G.D., and others. - Prospects for the production of cresols from the coal-chemical industry. p. 10.
- Ozerskiy, G.M., Pats, B.M., Shilina, N.I. - Resources, production, and utilization of coal-chemical phenols. p. 14.
- Gluzman, I.D., Timishina, A.M., Kononov, T.V. - Recovery of individual xylene isomers from technical phenols. p. 16.
- Gurevich, D.A. - Prospects for the widening of the raw material base for the production of phthalic anhydride. p. 18.
- Filipov, V.I. - Combining the production of naphthalene and phthalic anhydride. p. 23.
- Ruslanova, N.D., and others. - Oxidation of the mixture of naphthalene and methyl-naphthalenes. p. 27.
- Kogan, B.F., Pikhlov, V.E., Pistrova, P.D. - Recovery of indole from the absorption fraction. p. 30.
- Tolsto, I.U.M., Ruslanova, N.D., Shishman, P.I. - Production of 2,6-naphthalenedicarboxylic acid from acenaphthene derivatives. p. 33.
- Red'kin, S.A., Roiter, M.K. - Production of the methylene fraction. p. 38.
- Noviko, L.G., Aksenova, T.F., Belitsky, A.M. - Production and properties of carbazole-phenol-formaldehyde resins. p. 39.
- Chitskiy, V.I.A., Kulinskiy, L.E. - Production of plastics from solvent naphthalene. p. 42.
- Stolovenko, I.P., Gluzman, I.D. - Chemistry and technology of the production of acenaphthylene. p. 46.
- Gurevich, B.S., and others. - Use of the coal-chemical materials from coking in the manufacture of carbon black. p. 49.
- Koltun, R.M., Tolochko, A.I. - Small-tonnage materials from the chemical products of coal coking. p. 54.
- Pozin, M.E., and others. - Description of benzene hydrocarbons from coking under foaming conditions. p. 56.
- Khvat, M.B., Litvinenko, M.S., Gurevich, N.A. - Recovery of ammonium sulfide from the hydrogen sulfide of coke-oven gas purification by the removal of sulfur. p. 61.
- Seppit, A.M. - Industrial esthetics. p. 64.
- Ermolova, V. - In the All-Union Scientific and Technical Society of the Ferrous Metallurgy. p. 65.
- Vol. 20, no. 10, Oct. 1965.
- Table of contents translated.
- Tenth anniversary of the resumption of the publication of the "Koks i Khimika" journal. p. 1.
- Kominov, V.I. - Coke and coal chemicals industry of the U.S.S.R. in the first half of 1965. p. 5.
- Dal', V.I., Shapiro, M.D., Alt'erman, L.S. - Lower carboniferous coal of the western Donets Basin and its characteristics as raw material for coking. p. 7.
- Vitrenko, L.M. - Relationship between the settling velocity and coarseness of coal slime grains in water. p. 12.
- Chechekin, A.V., Dement'ev, A.I. - Aerodynamic processes in apparatus with variable cross section for heating and calcination of coal in a fluidized bed. p. 15.
- Systov, K.I., Korotkiy, I.U.G., TSarev, V.I.A. - Preparation of technological fuel from brown coals. p. 19.
- Bilon, I.D., Zhuravlev, G.V., Pritykina, S.Z. - Coke quality requirements for the intensification of blast furnace smelting. p. 23.
- Shatenshtein, V.G. - Compilation of the heat balance for coke ovens. p. 28.
- Sorkin, M.M., Pedan, A.A., Sulimova, E.I. - Development of new methods in selecting reduced size coke samples for technical analysis. p. 32.
- Gudz', P.I., Fomin, V.K., Shvartsman, I.A. - Operation of lorry cars with double hoppers. p. 36.
- Manevich, E.N. - Utilization of the physical heat of coke-oven gas. p. 37.
- Lebedeva, G.N., and others. - Effect of inorganic impurities in mother liquors on the coarseness and shape of ammonium sulfate crystals. p. 39.
- Khvatkov, N.M., Korneeva, Z.I. - Ways to increase the production of ammonium thiocyanate. p. 45.
- Kogan, B.E., Pistrova, P.D. - Using the method of precipitation chromatography for quantitative determination of isouquinoline. p. 47.
- Shunov, N.D. - Problems in the operation of semi-automatic presses for naphthalene. p. 49.
- Ivanov, B.V., Tarasov, A.I. - Increasing labor productivity and lowering the cost of production of charges in the coal preparation plants of the coke and coal chemicals industry. p. 58.
- Gorodilov, A.N. - Conference on the scientific principles of coke manufacture. p. 61.
- Gol'braukht, I.U.A. - Improving the work conditions. p. 62.
- KONSERVANIYA I OVOSHCHESUSHIL'NAYA PROMYSHLENNOST' [THE CANNING AND DEHYDRATED VEGETABLE INDUSTRY]. Organ of Gosudarstvennyy Pomest po plishchevoy promyshlennosti pri Gosplan SSSR i Tsentrallye pravleniya Nauchno-tekhnicheskogo obshchestva plishchevoy promyshlennosti [State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 20, no. 7, July 1965.
- Table of contents translated.
- Rogachev, V.I. - Speed up and expand the introduction in the production of completed research work. p. 1.
- Pavlova, G.N., Litnenko, T.D. - Work experience of the combine in Kiymsk. p. 5.
- Sulimenko, P.T., Zaitseva, N.V. - New types of canned food introduced by Ukrainian enterprises. p. 11.
- Agabekyan, S.G. - On foremost workers. p. 15.
- Bobakov, B.P., and others. - Pasteurization systems for the aseptic preservation of juices in large containers. p. 18.
- Litnenko, T.D. - Machine for cutting kitchen herbs. p. 20.
- Tibishchev, N.K. - Growing multiplier onion in one year. p. 21.
- Speianskiy, V.G., Strakhova, S.A. - Changes in the composition of valnuts during ripening, post-harvest ripening and storage. p. 23.
- Iazyvnyy, R.A. - Prospects for the development of the canning industry in the Podolian Economic Region. p. 26.
- Khazin, Kh.I. - Potentials for increasing the production of vegetables and lowering its cost. p. 28.
- Zablotskiy, R.V. - Dinskoy Cannery and the seven-year plan. p. 32.
- Plitskhal'skiy, L.Kh., Fishman, G.M. - Utilization of the wastes from the production of citrus juices. p. 34.
- Kosacheva, V.V. - Flow sheet for the chemical and technical control of the production of canned green peas and sweet corn. p. 36.
- Gordon, I.U.I., Kiriakova, R.A. - Apparatus for determining the effect of vacuum on the destruction of vitamin C and carotin in food products. p. 40.
- Vol. 20, no. 10, Oct. 1965.
- Table of contents translated:
- Pasternak, V.B. - Studying the dynamic characteristics of a pasteurization and cooling unit with the aid of an analog computer. p. 1.
- Ruban, E.V., Sal'nikov, A.P. - Machines for crushing and purifying soft boiled raw products. p. 7.
- Gonopol'skiy, S.N. - Machines for cutting vegetable and root crops. p. 11.
- Skurikhin, A.P. - All-purpose packaging conveyor. p. 14.
- Pugachev, V.A., Mekhanikov, A.M. - Continuous action "NSL-2" radiant heat dryer. p. 16.
- Mal'skiy, A.N., Savina, N.A. - Length of time for vegetable frying in oil. p. 19.
- Kurbanov, M.A., Dvornikov, V.V. - Cooking of apple and cherry preserves in vacuum apparatus. p. 22.
- Murzaev, K.A., Astakhov, I.U.I. - Shortening the sterilization time for apple compote. p. 24.
- Troian, A.V., Borukh, I.F. - Physicochemical changes in pickled tomato during fermentation and storage. p. 26.
- Khlopov, V.V. - Improved sinking method for grape drying to raisin. p. 29.
- Zhadan, V.Z. - Economic efficiency of mass control of the air-tightness of filled canned food containers. p. 31.
- Volkind, I.L., and others. - Vegetable preservation under conditions of active ventilation. p. 33.
- Orlova, K.B. - Promising varieties and hybrids of multiplier onion and irrigation conditions. p. 36.
- Mazekhina, N.N. - Analysis of canned food sterilization systems used in the Soviet Union and foreign countries. p. 38.
- Solov'eva, E.I., Gvozdkova, L.G. - Flow sheet for the chemical and technical production control of canned hors-d'oeuvre type vegetables. p. 43.
- Ganzurava, I.A. - Seminar on the theory and techniques of food drying by sublimation. p. 47.
- LENINGRAD, LENINGRADSKII INSTITUT KINOZHENEROV. Trudy [LENINGRAD INSTITUTE OF MOTION-PICTURE ENGINEERS, Transactions]. No. 11, 1964. Motion-picture photography equipment.
- Table of contents translated:
- Mandel', S.Z. - Provide for light links between science, life and production. p. 3.
- Sotomoni, A.V. - Speed stabilizer unit with symmetric rigid arm. p. 13.
- Mol'nik-Stepanian, A.M. - Balancing the flywheel-stabilizers of the speed of film motion. p. 25.
- Provorov, S.M., and others. - Photomicrographic attachment for the high-speed SKS-1 motion-picture camera. p. 28.
- Grebomikov, O.P., and others. - Attachment to the 168-2 "Kiev" motion-picture camera for automatic control of the lens diaphragm. p. 35.
- Ginevich, G.I.A. - Design of diaphragm with uniform scale. p. 39.
- Kufal, A.K., Galyukin, A.I.A., Stepanov, V.S. - Contact method for measuring the geometric parameters of 35 mm motion-picture films. p. 45.
- TSyvklin, M.V. - Optical properties of the contact light beam path. p. 53.
- Konigsberg, D.I. - Analyzing the dynamics of the cross mechanism of 23K. T.K. film printing apparatus. p. 65.
- Klimmel'man, S.N. - Differential method for establishing permissible stresses. p. 71.
- Golovkov, P.S. - Plotting three-dimensional pictures of motion-picture settings for filming with foreshortening. p. 85.
- Khomutov, K.M., Bargin'tseva, M.B. - Analysis and calculation of image distortions in wide film projection on a cinema screen for the planned 4000 seat movie and concert hall in Leningrad. p. 93.
- MASLOZHIROVAIA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]. Organ of Gosudarstvennyy komitet po plishchevoy promyshlennosti pri Gosplan SSSR i Tsentrallye pravleniya Nauchno-tekhnicheskogo obshchestva plishchevoy promyshlennosti [State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 31, no. 7, July 1965.
- Table of contents translated.
- Excellent initiative. p. 1.
- Man'kov, P.P. - Important potentials for the base of production of raw materials for chemicals and essential oils. p. 2.
- Nazarov, A.I.A., Belokhovostikov, I.I. - Optimum loads on extraction equipment. p. 5.
- Kirillov, F.G., Kuchkovskaya, V.A., Galkin, O.I. - Simplified method for determining the quality of washed grain, husk, and oil cakes. p. 7.
- Malsuk, I.U., and others. - Studying the quality of oil obtained from the wastes of refining shops. p. 8.
- Bershteyn, M.P., Loshchenko, Zh.I.A. - Relationship between the detergent, molecular viscosity and surface-active properties of alkyl sulfate solutions. p. 12.
- Bodan, A.N., Kostuk, B.L. - Molecular distribution of val residues. Report No. 1. p. 17.
- Gluzman, M.Kh., Bashuta, G.S. - Evaluating the surface-active properties of some emulsifiers and water-soluble cellulose esters. p. 26.
- Omel'chenko, F.S. - Heat of formation and heat of combustion of saturated fatty acids. p. 31.
- Kolostuk, D.S., Ginenko, B.S. - Analysis of aliphatic dicarboxylic acids obtained by the oxidation of val residues. p. 34.
- Zhadanov, N.M. - Losses of mint oil in the state factorization of the Kuban, and ways of their elimination. p. 37.
- Vasilenko, E.I. - Use of bactericidal surface-active substances in cosmetic preparations. p. 38.
- Omirov, D.K., Sviderskaya, Z.I. - Changing occurring in the oil content of musk during the 21 hour period. p. 40.
- Livshits, A.I.A. - Automatic separators for air-liquid mixtures. p. 33.
- Rumyantsev, V.I., Erhov, V.A. - Use of synthetic fatty alcohols and alkyl sulfates in the production of antibiotics. p. 38.
- Kiporenko, S.F. - Extraction from vegetable raw materials by liquefied gases. p. 40.
- Kostenko, O.P., Kozlov, I.A. - Determining the content of other additives in fatty acid alkyl esters. p. 41.
- Efremov, N.A. - From the experience in the operation of the TND-2 unit. p. 43.
- Bobrenko, O.A. - Modernization of the automatic UAZ bottle caking machine. p. 44.
- Processing of sediments in the extraction shops. p. 44.
- Kustova, S.D., Titova, N.B., Dushinskaya, I.U.I. - Industrial method for the synthesis of para-methyl-dione-9-carbinol. p. 45.
- Ivan Zakharovich Balan, obitay. p. 47.
- Vol. 31, no. 10, Oct. 1965.
- Table of contents translated:
- Samolov, R.V., Kolpakov, I.P. - Vegetable oil could be produced in much greater quantities. p. 1.
- All-Union exhibition (competition) of food. p. 3.
- Contest for the best quality of perfumes and candles. Cologne. p. 4.
- Shecherbakov, V.G., Sirko, V.N. - Changes in nitrogen-containing substances during the ripening of sunflower seeds. p. 6.
- Nebrova, L.G. - Studying the mechanism of the drying of castor plant fruits (with crushed capsules). p. 6.
- Shikhov, V.I., Sokol'skiy, D.V., Golodov, F.G. - Hydrogenation of cottonseed oil on a stationary nickel-titanium catalyst. p. 10.

- Lachkov, S.V., and others. - Automatic control of the temperature conditions in the continuous hydrogenation of oils and fats. p. 14.
- Zakrevskiy, P.N., and others. - Purification of technical bone fats by the natural solvents of the Volga Region. p. 15.
- Miloserdov, P.N., and others. - Ways to substitute synthetic fatty acids for natural acids. p. 17.
- Shelomov, I.K., Kozlova, F.M. - Titrimetric determination of the sulfur content of washing powders, synthetic fatty acids, paraffin and sodium sulfate. p. 19.
- Vartanov, V.S., Olateva, G.I., Ishutina, N.I. - Cleansing infusible esters. p. 22.
- Kodov, M.V., Elisava, N.S. - Organic impurities of glycerin. p. 24.
- Gluzman, M.Kh., Bashuta, G.S. - Evaluation of the emulsifying capacity of some surface-active substances. p. 27.
- Romashkina, A.F. - For the introduction of a scientific organization of work in enterprises. p. 29.
- Fleisch, V.D. - Oils and fats from "Oktabr" in Lvov. p. 33.
- Chepinada, N.D. - Oils and Fats Combine in Poltava. p. 34.
- Zaklopo, M.N., Tovbin, I.M. - From the experience in the cooking of high-quality basis soap for toilet soaps. p. 35.
- Kopelevskiy, V.M., and others. - Experience in the utilization of the chamber dryers of corn processing plants for drying castor capsules and seeds. p. 38.
- Shaginjan, L.B. - Automatic photometric titrimeters. p. 41.
- Sutbala, M.P. - Jubilee of an oilery. p. 44.
- МЕХАНИКА ПОЛИМЕРОВ [MECHANICS OF POLYMERS]** Issued by Akademiya nauk Latvskoi SSR [Academy of Sciences of the Latvian S.S.R.] Riga, no 5, 1965
- * **ПЛАСТИЧЕСКИЕ МАССЫ [PLASTICS]** Organ of Gosudarstvennyi komitet khimicheskoi promyshlennosti pri Gosplane SSSR [State Committee for the Chemical Industry, Attached to the State Planning Committee of the U.S.S.R.] Moscow, no. 10, 1965
- Table of contents translated:
- Vinogradova, S.V., and others. - Studying the possibilities of the hardening and processing in goods of thermosetting polyarylates. p. 1.
- Andreeva, I.N., and others. - Copolymerization of ethylene and propylene with the use of some organometallic catalysts. p. 1.
- Marlynov, M.A., and others. - Compatibility of high-density polyethylene with polyisobutylene. p. 6.
- Golubenko, M.A., Khushtaleva, E.N. - Epoxy compound with increased heat resistance. p. 8.
- Kafengauz, A.F., Inokhodova, A.A., Kondrat'eva, E. - Elastic polyurethane foams. p. 11.
- Kamenitskiy, I.V., Mamedov, F.V., Korol'kov, I.V.A. - Glass plantlets based on an epoxy furylacrolidene-aminocetanol binder. p. 14.
- Semenova, E.A., and others. - Regrouping of methyl cyclohexanes. p. 15.
- Olenev, B.A., Sagalov, G.V. - Conditions for securing given dimensions of granules. p. 17.
- Kutepova, A.I., and others. - Preparation of phthalate plasticizers on the base of the wide fractions of C₈-C₁₂ alcohols. p. 22.
- Sazhin, B.I., and others. - Dielectric properties of polypropylene oxide. p. 25.
- Akhmedov, F.A., Koltunov, M.A. - Mechanical properties of polymethylaldehyde. p. 28.
- Sukhina, L.A., and others. - Internal stresses in reinforced systems based on polyester acrylate binding agents. p. 31.
- Golubenkova, L.I., Demekhina, E.M. - Adhesion of epoxy resins to glass wool. p. 35.
- Bill, V.S., Avtokratova, N.D. - Temperature dependences of heat conductivity and temperature diffusivity of some polymeric materials. p. 37.
- Khatkin, A.M., Parksheian, Kh.R. - Efficiency of the use of glass reinforced plastics in electric equipment. p. 40.
- Onzberg, E.G., Chiblova, E.I., Kovarskaya, D.M. - Polarographic analysis of the products of thermal oxidative degradation of polyester resins based on maleic and chloroaniline anhydrides and ethylene glycol. p. 42.
- Plinitskiy, V.I., Savorovskiy, N.S. - Modern means for detecting defects in some structures made from glass plastics. p. 44.
- Smirnov, V.P. - Tosting of the welded seams of plastics. p. 52.
- Antropova, N.I. - Detecting of defects in nylon billets and goods. p. 55.
- Ivanova, Z.G., Davydov, A.B. - Heat-resistant adhesive VK-8 of increased strength and elasticity. p. 56.
- Vladimirov, L.P., Konikova, R.S., Komarova, L.P. - Resistance of polystyrol to aggressive media of coke and coal chemical production and to various acids. p. 57.
- Bronshteyn, Z.I., and others. - Glass textile "ST" with a base of sized glass wool. p. 59.
- News review. p. 67.
- Lapshin, V. - Bibliography. p. 69.
- ИТЕРАТИВНЫЙ ЖУРНАЛ ХИМИЧЕСКОГО ТЕХНОЛОГИЧЕСКОГО МАШИНОСТРОЕНИЯ** (Odebniy vypusk 47) [JOURNAL OF ABSTRACTS: CHEMICAL AND REFRIGERATION MACHINERY MANUFACTURE (Supplement 47)] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos 9-10, Sep.-Oct. 1965
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego srednego spetsial'nogo obrazovaniya. Izvestiya vsshikh uchebnykh zavedeniy, pishchevaya tekhnologiya** [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Food Technology]. Moscow, no. 5(18), 1965.
- Table of contents translated:
- Professor Natalia Petrovna Koz'mina, on the occasion of her 60th birthday. p. 7.
- Ipatova, G.I. - Application of the indices of labor expenditure in the enterprises of the food industry. p. 9.
- Belokhovskiy, I.I., Nazarov, A.I.A. - Comparative evaluation of the work of oilseed administrators by Economic Councils and of small oil mills. p. 14.
- Golovskiy, A.M. - Principles of the evaluation of the technological properties of oilseeds. p. 18.
- Nastagunin, I.V., and others. - Some structural and mechanical properties of corn kernels. p. 22.
- Bukharov, V.A., Stalodubov, A.I. - Hygroscopic properties of corn grains. p. 29.
- Kopelevskiy, V.M., Nebrova, L.G. - Changes of some physiological and biochemical properties of castor plant seeds during thermal drying. p. 33.
- Masilkov, V.A., Sessulov, V.S., Skakovskiy, R.F. - Dimension of sunflower seed kernels. p. 37.
- Rakhmankulova, R.G., Palmina, Z.F. - Processes occurring in dry bread during storage. p. 39.
- Khvalkovskiy, T.P. - Effect of the nonsugar complex on the molasses forming capacity of their individual representatives. p. 42.
- Krivtsov, L.V., Nazarov, V.I. - Structural and mechanical properties of foams. p. 47.
- Vergilesov, V.M., Belousov, A.P., Andrianov, I.U. - Polymorphic transformations in some fats and margaric oil bases. p. 50.
- Bumash, A.I., Bolko, V.P. - Iron content in canned food and its effect on taste. p. 56.
- Feriman, G.I., Isakova, E.A. - Studying the composition of the shreds of dry yeast malt. p. 59.
- Chenikov, V.V., Shapovalov, E.N. - Analyzing the tar complex of tobacco and of the products of its combustion. p. 65.
- Auerman, I.A., Poludova, R.D., Evseeva, A.N. - Effect of fatty substrate on the action of lipoxidase improving wheat bread quality. p. 70.
- Goncharov, A.A., Bocharov, N.N., Zvigu, F.S. - Effect of bacterial infection on the yield and quality of yeast. p. 74.
- Zellman, I.F., Patimak, V.M. - Complex preparation of water for diffusion with the use of SO₂. p. 78.
- Tsvetkovskiy, G.V. - Temperature conditions during butter minking with the continuous method. p. 81.
- Vergilesov, V.M., Belousov, A.P. - Some causes of the separation into layers and crumbling of creamery butter made with the continuous method. p. 81.
- Kozin, N.I., Druzhinina, L.N., Burava, A.I. - Use of synthetic foam emulsions in the preparation of cultured milk products. p. 89.
- Graulikov, D.A., Kostinunin, A.M. - Effect of aromatic and taste imparting substances on the quality of "Podmoskovnyi" cheese. p. 98.
- Shechubakov, V.G., Mal'chikova, S.I., Papisidskaya, A.P. - Steam and roasting treatment of crushed sunflower seeds. p. 101.
- Nestechadim, A.G. - Oil extraction with highly concentrated micelles. p. 103.
- Kamyshlan, M.A. - Effect of the evaporation of water and monothiolamine on the condensation of the latter with fatty acids. p. 111.
- Loza, V.M., Ivlev, P.F. - Some properties of wine and sherry yeast. p. 114.
- Mal'tsev, P.M., Natus, E.P. - Combined treatment of wine with bentonite and polyacrylamide. p. 119.
- Abdullin, Kh.A., Rizaev, N.U., Kamenov, A.G. - Processing of grape husks in a continuous flow with the use of a scraper extractor. p. 122.
- Petukov, A.G., D'achkin, I.I., Novikova, L.A. - Technology of the finish drying of high-moisture content tobacco. p. 126.
- Demidov, P.G., Teshitov, O.V. - Application of polyacrylamide in the purification intensification of sewage waters from grain washing. p. 129.
- Komissarov, S.N. - Vibration of the stamped sieves of grain separators with cam driving. p. 134.
- Sokolov, V.I. - Determining the operating efficiency of settling plate separators and centrifuges. p. 138.
- Shapran, V.Z. - Dynamics of the motion of piece foods in a vibratory bunker feeder. p. 141.
- Nikolaev, L.K. - Studying the conditions of the work of the "OZH" fat cooler. p. 145.
- Nikonov, I.V. - Design of displacement coolers. p. 148.
- Anoshin, I.M., Riabchenko, N.P., Omurzakov, D.O. - Rectification process in bubbling apparatus and structure of criteria equations. p. 151.
- Alekseev, I.D. - Analytical equation of statics for the rectification process of identical binary mixtures. p. 154.
- Anoshin, I.M., Moiseev, A.M. - Heat transfer during the boiling of fruit juices in film apparatus. p. 161.
- Konstantinov, S.M., Demchuk, G.S. - Heat transfer during the heating of molasses stillage. p. 166.
- Zhidko, V.I., and others. - Mathematical description of the process taking place in shaft grain dryers. p. 171.
- Valuskiy, V.I.A. - Coefficient of internal friction in drums with high degree of filling. p. 179.
- Garmash, N.T. - Calculating the pressure losses during pneumatic conveying in a descending flow. p. 182.
- Shved, G.L. - Pulp flow in a tower drain with continuous action. p. 186.
- Egorova, N.P., Meleshko, V.P. - Using the electrophoresis method for determining glutamic acid in molasses. p. 191.
- Meizhanian, A.A. - Technological evaluation of the physicochemical properties of champagne wine materials. p. 191.
- Aleksandrovich-Melnikova, A.S., Baranovskiy, E.N. - Microvolumetric titrimetric determining of iron in fishery products. p. 200.
- Melnikov, V.N. - Determining the coloring of fishing nets with a minimum and maximum visibility in water. p. 203.
- Golovskaya, T.P., Kul'nevich, V.G. - Determining furfural content of technical furfural. p. 205.
- Lists of defended dissertations. pp. 32, 49, 55, 64, 100, 103.
- * **СТЕКЛО И КЕРАМИКА [GLASS AND CERAMICS]**. Issued by Gosudarstvennyi komitet po promyshlennosti i stroitel'nykh materialam pri Gosstatre SSSR [State Committee for the Building Materials Industry, Attached to the State Committee for Construction in the U.S.S.R.] Moscow, vol. 22, no. 3, Mar. 1965
- Table of contents translated:
- Greater attention to the expansion of the stone casting industry. p. 1.
- Shaposhnikov, A.P. - Cast stone pipe. p. 2.
- Lipovskiy, I.E., Neshel'skiy, A.M. - Investigating the mechanical strength of cast stone at high temperatures. p. 5.
- Ladokhin, S.V., Khan, B.Kh., Uf'yanov, V.L. - Causes of the chemical heterogeneity of melts for stone casting. p. 7.
- Nagorniy, A.I., and others. - Effect of additives on the crystallization of molten metallurgical slags and rock materials. p. 9.
- Miasnikov, A.A., Aslanova, M.S. - Selecting the composition of basaltic rocks for the production of fibers for various purposes. p. 12.
- Uvarov, B.M. - Clarification of the glass batch in electric furnaces for glassmaking in depth. p. 15.
- Okhotin, M.V. - Using formulas to determine the upper crystallization limit of sodium - calcium - magnesium - aluminosilicate industrial glasses containing 15% Na₂O. p. 18.
- Berenstein, P.I., Zaitons, R.M. - Manufacture and testing of muffle elements made of carborundum and sillimanite masses. p. 19.
- Berkman, A.S., Melnikova, I.G. - Filter ceramics for the purification of nickel solutions. p. 22.
- Levin, D.I., Mikulina, L.N. - Characteristics of the behavior of potassium and potassium-sodium feldspar under the effect of heating. p. 26.
- Cherapova, O.V., Sukharova, N.A., Golik, E.M. - Opaque, colored glazes. p. 29.
- Vanin, V.I. - Automatic line for the production of annealed sheet glass. p. 30.
- Leonov, N.P. - Automatic glass batch level indicator in a tank glassmaking furnace. p. 32.
- Soldatov, G.A., and others. - Drying of metilach tiles in radiation driers. p. 33.
- Gromov, V.I. - Panels made of compressed wood. p. 36.
- Ruslov, V.N., Kostyria, V.A. - Sampler for glass batch sampling in depth. p. 39.
- Kozlov, P.A., Spektor, G.A. - Modernizing the BS-24 automatic machine. p. 40.
- Conference on the electric manufacture of alkali-free glass. p. 45.
- Bl'zhukova, E.P., Kolbasnikova, A.I., Savitskiy, M.P. - Conference of workers of the department of technical control and factory laboratories in the manufacture of structural and technical glass. p. 47.
- * **ЖУРНАЛ ПРИКЛАДНОЙ ХИМИИ [JOURNAL OF APPLIED CHEMISTRY]**. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 38, no. 6, June 1965.
- Table of contents translated:
- Budnikov, P.P., Shubin, V.I., Lopeshova, V.I. - Nature of adhesion between basic refractories and portland cement clinkers. p. 1193.
- Pechkovskiy, V.V., Mal'tseva, T.G. - Sulfidization of iron oxides by sulfur dioxide in the presence of carbon. p. 1199.

- Krotov, I. U., Vil'ainskii, I. A. E. - Role of a melt in the process of oxidizing roasting of chromite charges. p. 1209.
- Petelin, V. S., Staritsky, B. A. - Problem of the recovery of alkali from sulfide waste liquors. p. 1212.
- Petrov, V. I., and others. - Development of the standard process for the production of titanium sponge. p. 1217.
- Gallak, V. M., Belinskaya, N. I., Pavlova, T. A. - Method of preparing chlorine oxide. p. 1225.
- Kovyrshin, V. G., Ponomarev, V. D., Koz'min, I. U. A. - Sorption of monovalent thallium by means of oxidized coal. p. 1230.
- Pakholtov, V. S., Ol'khin, V. D. - Separation of tungsten and molybdenum in fluorine-containing solutions by means of the AV-17, EDE-10P, and AN-2F anion exchangers. p. 1235.
- Beigel, A. S., Iakovlev, L. K. - Thermographic characteristics of the NaA-type zeolites. p. 1240.
- Amirova, S. A., Pechkovskii, V. V., Bercsneva, f. I. - Kinetics of the reduction of iron-vanadium spinel by hydrogen. p. 1247.
- Babin, E. P., Kuz'menkov, A. A., Zotova, N. L. - Boron fluoride as catalyst in reactions promoting the removal of sulfur from coke chemical benzenes. p. 1255.
- Dzhaparidze, P. N., Tvaradze, L. R. - Change of the physicochemical and technological properties of coal in its severe crushing in various gaseous media. p. 1256.
- Moiachevskii, A. G., Smirnova, N. A., Lazlova, R. V. - Phase equilibrium in the ternary systems isobutyraldehyde - isobutyl alcohol - water and isovaleraldehyde - isobutyl alcohol - water. p. 1262.
- Pozin, M. E., Kupylev, B. A., Taimud, M. M. - Solubility in the system $MgO - P_2O_5 - H_2O$ in its metastable state. p. 1267.
- Bondarenko, N. V., Stetslets, Kh. I. - Viscosity of melts of the system $MgCl_2 - NaCl - BaCl_2$. p. 1274.
- Bellayev, I. N., Bebaeva, A. G. - Study of the system $K_2TiO_3 - KCl - TiO_2$. p. 1280.
- Vilenkii, V. M. - Study of the properties of a poly-dispersed glass filter by the method of gas flow under increased pressure. p. 1285.
- Braginskii, L. N., Pavlushenko, I. S. - Relation between the factor of surface renewal and the conditions of mixing in Lewis' cell. p. 1290.
- Koshmanov, V. V., Popereka, M. I. A. - Effect of the cathode surface material on the internal stresses in zinc deposits. p. 1296.
- Kochegarov, V. M., Samuilovskaya, V. D., Semichko, G. I. A. - Electrochemical deposition of electric contacts on the surface of n- and p-type germanium. p. 1300.
- Lazarev, V. F., and others. - Effect of surface-active substances on the process of passivation of a lead electrode. p. 1305.
- Kuznetsov, V. V., Subbotina, N. I., Karasik, A. S. - Effect of the ultrasound on the absorption of hydrogen by metals during electrolysis. p. 1310.
- Kogan, L. M., Rozhkova, N. G., Rabovskaya, N. S. - Extensive chlorination of polyethylene. p. 1315.
- Borisov, B. I. - Mechanism of interaction between nitric acid and some organic materials. p. 1321.
- Maslennikov, A. S., Potyayeva, G. N. - Method for the determination of pyrocatechol. p. 1327.
- Novikov, I. K. - Electrochimicophore pyrolysis of crude petroleum hydrocarbons for the production of olefins and acetylene. p. 1332.
- Koshmillov, N. F., Piliugina, L. G., Solov'anova, T. A. - Organic acids of black liquors from the sulfate wood pulp production. p. 1337.
- Tselaeva, I. P., Lyslak, N. K. - Determination of the changes in the degree of polymerization of wood pulp during the initial stages of cooking process using the direct titration of wood. p. 1340.
- Gor'denshtein, L. M., Freidlin, G. N. - Hydrolysis of diesters of dicarboxylic acids on the KU-2 cation exchanger. p. 1345.
- Zaitseva, A. F., Bocharnikova, N. G., Belozerovala, L. A. - Change in the chemical composition and morphological structure of cellulose fibers in the process of larch wood delignification. p. 1349.
- Kiselev, A. D., Akseanova, N. A., Kutsenko, L. I. - Phosphorylation of cellulose with dialkylphosphoryl chlorides. p. 1355.
- Klenkova, N. L., Matveeva, N. A., Kutakova, O. M. - Change in the structure and properties of methylen-activated cellulose fibers during their storage. p. 1360.
- Mal'chenko, I. G., Korshunov, I. A., Lennov, M. R. - Synthesis of methyl-, propyl-, and isopropylalcohols from ethylene oxide and corresponding alcohols. p. 1367.
- Chervinskii, K. A., and others. - Effect of carboxylic acid additions on the processes of liquid phase oxidation. p. 1373.
- Khrizanov, E. I., Stakhoeva, S. A., Kuz'min, G. V. - Interaction between sodium aluminate and dicalcium silicate. p. 1381.
- Kol'tsov, S. I. - Reaction of trichlorosilane with silica gel. p. 1384.
- Mokhosev, M. V. - Production of antimony trichloride from antimony pentachloride. p. 1385.
- Frolov, A. F., Loginova, M. A., Ustavshchikov, B. F. - Separation of mixtures of acetic and nitric acids. p. 1386.

- TSitovich, I. K., Bantov, D. V. - Chromatographic separation of titanium from some elements in organic solutions. p. 1389.
- Pikholtov, V. S., Ol'khin, V. D. - Sorption of molybdenum from H_2SO_4 - HF solutions by AV-17 and EDE-10P anion exchangers. p. 1392.
- Graznova, Z. V., Panchenkov, G. M., Belokonev, S. V. - Application of N. A. Shilov's formula for calculating the velocity of adsorption front motion in a counter-current system of sorbate and sorbent. p. 1395.
- Kochegarov, V. M., Kolesov, L. N. - Electrochemical deposition of electric contacts on the surface of p-silicon. p. 1396.
- Buki, A. A. - Current integrator. p. 1398.
- Maksimova, I., Mashovets, V., Iushkevich, V. - Conductance of sodium aluminate solutions at high temperatures. p. 1400.
- Kuzub, V. S., Kossygi, G. G. - Study of the passivity of stainless steel in nitric acid by the measurement of differential capacity. p. 1404.
- Nekrasova, V. A., Zolkin, V. L. - Chlorination of phenol. p. 1407.
- Smirnov, O. K. - Reaction of anhydrous oxalic acid with alkylphosphoryl dichlorides. p. 1409.
- Gor'denko, S. V., Belkov, V. M. - Isolation of L-glutamic acid from culture fluids. p. 1412.
- Levin, S. Z., and others. - Hydrogenation of propionaldehyde to propyl alcohol under medium pressure. p. 1414.
- Iushmakina, I. N., Baldangin, B., Molodenko, P. I. A. - Equilibrium between liquid and vapor in the systems benzene - butyl acetate and carbon tetrachloride - butyl acetate. p. 1417.
- Matveev, I. S., Chertok, O. M. - Production of dicyclohexyl and dimethyldicyclohexyl esters of lower dicarboxylic acids. p. 1420.
- Ruckenstein, E. - Effect of chemical reaction on mass transfer in a turbulent flow of liquid inside a tube. p. 1421.

d CIVIL & CONSTRUCTION ENGINEERING

AKADEMIA KOMMUNAL'NOGO KHOZIAISTVA, Rostovskii nauchno-issledovatel'skii institut Sbornik nauchnykh trudov [ACADEMY OF COMMUNAL ECONOMY Rostov Scientific Research Institute. Papers] Rostov-on-Don, no. 2, 1963

- Table of contents translated:
- Shaposhnikov, A. P., Akhanov, V. S. - Principal results of the 25-year activity of the Rostov Scientific Research Institute of the Academy of Municipal Services. p. 3.
- Merzlenko, V. I. A., Kulzhinskii, V. I., Mikhailov, V. A. - High-capacity installations and efficient methods of drinking water purification. p. 22.
- Dogonazov, P. F. - Planned system of municipal refuse disposal. p. 50.
- Menes, V. G. - Improved methods of decontaminating municipal solid refuse. p. 61.
- Novoderezhkina, I. U. G., Smirnova, V. N. - Using chemico-bacteriological methods for decontaminating and processing refuse. p. 66.
- Boichenko, E. P. - Landscape architectural methods for cities and rural populated places in the Northern Caucasus and lower Volga Valley. p. 76.
- Novik, P. S. - Perennial suitable lawns. p. 85.
- Bugayevskaya, O. A. - Use of perennial flowers in city landscaping. p. 100.
- Zheldakova, G. G. - Subsoil irrigation of city plants. p. 107.
- Andrianova, L. A. - Methods of improving floricultural operations in the European part of the southeastern R.S.F.S.R. p. 127.
- Akhanov, V. S. - Products and building materials for the industrialization of the general repair and maintenance of residential houses. p. 136.
- Filatova, M. P. - Peculiarities of the maintenance of residential buildings erected on sagging soils. p. 155.
- Berz, L. A. - Bibliography of manuscript and printed scientific research works of the members of the Rostov Scientific Research Institute of the Academy of Municipal Services in the years 1932 - 1941 and 1946 - 1962. p. 162.

AVTOMOBIL'NYYE DOROZH [HIGHWAYS] Issued by Gosudarstvennyi proizvodstvennyi komitet po transportu stroitel'stva SSSR [State Production Committee of Construction for the Transportation Industry in the U.S.S.R.]. Moscow, vol. 28, no. 9(270), Sep. 1965.

- Table of contents translated:
- Improve the maintenance and repair of roads. p. 1.
- Telegin, M. I. A. - Using epoxy resins in repairing concrete pavements. p. 2.
- Sakharov, V. I., Frain, T. M. - Cementless concretes for protecting pavements. p. 2.
- Legkoi, G. V., Tikhomirov, G. A. - Pouring joints of concrete pavements on the Moscow-Gorky road. p. 5.
- Parashin, M. A., Slavgorodskii, V. B. - Operational control of adhesive conditions of pavements. p. 6.

- Guzenko, T. G. - Principle of landscape gardening in roadside planting. p. 8.
- Fium, M. N. - Roadside planting for protecting mountain roads from landslides. p. 9.
- Pimenov, A. F. - Winter maintenance of roads in the Road Administration Unit-128. p. 10.
- Azarko, V. I. - Metal beams should be replaced. p. 10.
- Ivanov, A. N. - Snow removal at the pass sections of mountain roads. p. 11.
- Dmitriev, A. D., Glotov, B. A., Kirillin, V. L. - Improving the durability of wooden bridges. pp. 12, 22, 26.
- Tarasenko, A. P., Danagan, K. A. - Using lightweight slag concrete in bridge construction. p. 13.
- Mel'cheriakov, I. I., Kirillin, V. L. - Construction and testing of a bridge with a steel span structure. p. 15.
- Stepanov, B. V. - Universal equipment for mounting beams. p. 16.
- Irusalimskii, M. F. - Using hydrophobic films in laying pavements. p. 17.
- Veselov, B., Shvetsov, N. - Overall soil stabilization for road construction in Archangel Province. p. 19.
- Dagdasarov, S. M., and others. - Using infrared rays in asphalt concrete construction. p. 20.
- Vasil'nov, N. V. - Using the Ural-1 and Minsk-1 electronic computers in planning the organization of road construction. p. 22.
- Moson, A. B., Zolova, A. B., Karikh, H. S. - Long-term organization of a motor track unit. p. 23.
- Afinogenov, V. S., Sazonov, P. P. - Simple central distributor. p. 24.
- Charul'skii, A. P. - Strengthening river bridge piers. p. 25.
- Balandin, I. - Leaf on diseases. p. 27.
- Ostrov, V. - After 30 years of operation. p. 27.
- Burmistrov, V., Deslailov, B. - Road construction in Andizhan Province. p. 27.
- Kudulis, A. P. - Paving under difficult conditions. p. 28.
- Kochegarova, A. - Construction of concrete pavements in winter. p. 28.
- Shlakadze, T. A., Surenian, P. A. - Rubber-asphalt concrete in Georgia. p. 28.
- Soldatnikov, V. - New machines for roadside tree planting. p. 30.
- Pevzner, B. - Continuous attention to the maintenance of roads. p. 31.
- Chuslin, I., Chukhrychev, A. - Earth roadbeds in regions with a formation of ice coverings on roads. p. 32.
- Public inspection of the quality of road construction. p. 33.

BETON I ZHILIZOIBETON [CONCRETE AND PRECAST REINFORCED CONCRETE]. Organ of Gosudarstvennyi komitet po delam stroitel'stva SSSR [State Committee for Construction in the U.S.S.R.]. Moscow, vol. 11, no. 10, Oct. 1965.

- Table of contents translated:
- Ivashkevskii, I. A. - Precast reinforced concrete in the construction of farm buildings. p. 1.
- Katanan, M. I. A. - Structural elements for farm buildings without internal supports. p. 3.
- Tsotil, A. A. - Efficient reinforced concrete and ing for farm buildings. p. 9.
- Issarov, F. A., Zadernan, G. A., Khramov, I. S. - Elevators from precast reinforced concrete. p. 12.
- Gorodnitskii, F. M., and others. - Properties of high-strength reinforced concrete subject to the electric heating. p. 15.
- Tilustangelov, I. B. - Precast reinforced concrete in the interior building organizations in Chuvashia Province. p. 16.
- Kulakovskii, A. B., Kurochkin, A. M. - New instructions on designing sites for loose materials. p. 20.
- Boitchevskii, G. I., Semenov, V. B., Nozhik, V. A. - A slab frame from 4 x 4 m. ribbed panels. p. 21.
- Pankratova, G. I. - Longevity of reinforced concrete structures of silos. p. 24.
- Rabinovich, A. I. - Precast corrugated vaulted roofs from flat slabs in the construction of farm buildings. p. 26.
- Murashkin, G. V. - Effect of prestressing on the strength and crack resistance of reinforced concrete beams in torsion and bending. p. 29.
- Volzhenskii, A. V., Stambukko, V. I., Anadol'skii, I. A. - Gypsum-cement pozzolanic concrete for carrying panel structures. p. 33.
- Korotkov, S. N., Koskin, E. S. - Study of reinforced concrete properties by the ultrasonic pulse method. p. 35.
- Bugrim, S. F. - Corrosion of steel reinforcement in nonautoclave gas-ash concrete. p. 36.
- New method of determining the activity (strength) of cements in nonplastic mortars and the new marking of cement. p. 41.
- Sholkin, A. E., Kabanov, L. A. - Results of the All-Union Conference on the Current Problems of Concrete Technology in the Precast Reinforced Concrete Industry. p. 43.

- Mechanization of the welding of embedded parts of precast reinforced concrete structures, p. 45.
From the Exhibition of Achievements of the National Economy of the U.S.S.R.; in the "Rural construction" pavilion, p. 16.
Seventieth birthday of Professor Osep Abramovich Gershteyn, p. 48.
- BULLETEN' STROITEL'NOI TEKHNIKI [BULLETIN OF CONSTRUCTION ENGINEERING]** Published by Gosstatstvennyi komitet po delam stroitel'stva SSSR [State Committee for Construction of the U.S.S.R.] Moscow, vol. 27, no. 9, Sep 1965
- Table of contents translated
Results of the All-Union Public Inspection of the Quality of Construction Work, p. 1
Normative documents on structural designing and carrying out the construction work, p. 3
Instruction on designing navigation locks, p. 4
Construction specifications and regulations
Corrections to the chapter Construction specifications and regulations, Pt. 3, Sec. V ch. 3, 1962, p. 5
Corrections to the chapter Construction specifications and regulations Pt. 2, Sec. I, ch. I, 1962, p. 5
New State Standards
Panels from autoclave cellular concrete, p. 6
Corrections to the All-Union State Standard 8908 - 58, p. 7
Odinov, M. I. - Precast reinforced concrete shells, p. 8
Sequence in carrying out planned operations on the reconstruction and integration of standard projects, p. 12
Prozorovskii, G. N. - Building science is assisting agriculture, p. 13
Smolnikov, R. I. - New specifications for the technological planning of cattle farms, p. 18
In the State Committee on Construction of the Council of Ministers of the U.S.S.R., p. 21
In the State Committee on Civil Engineering and Architecture attached to the State Committee on Construction of the Council of Ministers of the U.S.S.R., p. 22
In the state committees on construction of the Union Republics
In the State Committee on Construction of the Moldavian S.S.R., p. 23
In the State Committee on Construction of the Lithuanian S.S.R., p. 23
At the construction projects of ministries and departments
Vologdin, S. A. - Work experience of the Rezekne movable task force, p. 24
Kupreev, G. I. - New type of industrial building, p. 26
In research institutes
Balat'ev, P. K. - Introduction of new technological processes in the production of precast reinforced concrete, p. 27
Opening of the International exhibition "Chemistry in the Industry, Construction, and Agriculture," p. 33
Stal', I. A. I. - Production of polymer construction materials for floors, p. 34
Dykhovitchnyi, I. U. A. - Synthetic materials at the Moscow construction projects, p. 37
Tatarsova, I. V. - Conference on the exchange of experience among movable mechanized columns, p. 40
Sugrobov, N. P. - Conference-symposium on problems of the safety engineering, p. 42
Vlasenko, M. V. - All-Union seminar on designing machinery-manufacturing plants, p. 44
Exhibition of the Achievements of the Soviet National Economy and rural construction, p. 46
Basic organizations on standardization, p. 47.
- GIDROTEKHNIKHESKOE STROITEL'STVO [HYDRO-TECHNICAL CONSTRUCTION]** Organ of Gosudarstvennyi proizvodstvennyi komitet po energetike i elektifikatsii SSSR and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [State Production Committee for Power Engineering and Electrification in the U.S.S.R. and the Scientific Technological Society of the Power Industry] Moscow, vol. 35, no. 6, June 1965.
- Table of contents translated
Levashkin, V. I. - Hydrotechnical concrete at the Dneprodzerzhinsk Hydroelectric Power Station, p. 1
Arbakov, M. S. - Supplying crushed stone for the construction of the Dneprodzerzhinsk Hydroelectric Power Station, p. 4
Makhrankova, T. F. - Assembly of mechanical equipment at the Dneprodzerzhinsk Hydroelectric Power Station, p. 6
Mashichev, B. L. - Assembly of reinforced concrete beams of the bridge crossing over the dam of Dneprodzerzhinsk Hydroelectric Power Station, p. 10
Tolkaev, L. A., Khe En-Bin, V. V. - Methods of preliminary operations in building high dams in rock gorges, p. 11
Satin, G. V., Kazakov, V. I. - Use of anchorage in driving diversion channel of the Toktagul Hydroelectric Power Station, p. 15
Meshcheriakov, A. N., Kheifets, V. B. - Construction of cut-off screens and supporting structures in using bentonite suspensions, p. 18
Sal'harov, V. I. - Repair of hydrotechnical constructions by polymer cement mortars, p. 22
Vasil'ev, P. I. - Selection of temperatures of closing arch dams, p. 26
Sorkov, V. S. - Some results of the operation of combined hydroelectric power stations, p. 29
Mekhmendarov, S. A., and others. - Cathodic units for the protection of metal constructions of hydroelectric power stations from corrosion in fresh water, p. 33
Kluchko, V. S. - Determining the true azimuth, p. 37
Davydov, A. P. - Testing of cranes of hydroelectric power stations by means of a hydraulic dynamometer, p. 41
Mazur, A. M. - Properties of rocks and the methods of examining and improving them in building large dams, p. 43
Safonov, A. I. - Building machines of foreign countries at the Moscow International Exhibition, p. 51
Popov, L. I. - On the establishment of a general scheme of the overall utilization and protection of water resources, p. 59
Stol'nikov, V. V., Veretkin, L. R. - Sixth Coordinating Conference on Hydrotechnical Concrete, p. 60
Slitskii, S. M. - Thirty-five years of the Hydrotechnical Faculty of the Moscow V. V. Kuybyshev Engineering Construction Institute, p. 62
Gyvelshteyn, I. G. - Catalog of high dams, p. 63
- GORODSKOE KHOZIAISTVO MOSKVI [MUNICIPAL ECONOMY OF MOSCOW]** Organ of Ispolkom Moskovskogo gorodskogo soveta deputatov (natsionalnaya) [Executive Committee of the Moscow City Soviet of Workers' Deputies] Moscow, vol. 39, no. 8, Aug 1965
- Table of contents translated:
Great success, industry under the jurisdiction of the Executive Committee of the Moscow City Soviet of Workers' Deputies has fulfilled the seven-year plan, p. 1
Evstratov, N. F. - General plans of the reconstruction of the capital, p. 2
Ullas, N. N. - Development of Moscow and the improvement of the thoroughfare system, p. 7
Kastel', I. I. - Build modern schools for the capital, p. 12
Riablin, A. V. - Improve the maintenance of residential houses, p. 15
Shvedov, M. N. - Improve the general repair of residential houses, p. 19
Boguslavskii, L. D. - Calculation of the economic effectiveness of the new engineering equipment of residential buildings, p. 20
Girsberg, B. I. - Incentives for the housing economy, p. 21
Kolotilkin, B. M. - Economic problems of the longevity of residential buildings, p. 22
Drikov, A. I. A. - Recovery of materials and the reduction of the repair costs, p. 25
Khanov, K. I. - Use of synthetic material in general repair, p. 26
Vol'f-Trop, L. I., Kaplan, I. A. I. - Methods of increasing the service life of the elevator equipment, p. 29
Fridman, O. M. - Drying of brick walls by the galvanosmotic method, p. 30
Milovozov, A. K., Khigovich, A. M. - Methods of cleaning facades, p. 33
Kokorov, S. P. - Concealed wiring in residential buildings, p. 34
Korchuk, V. S. - Industrial floor elements for the general repair of buildings, p. 36
Teren'ev, O. M. - Precast reinforced concrete roofs for the general repair of buildings, p. 38
Smirnov, I. M., Kalupin, A. A., Nikol'shin, K. E. - Tower cranes for the construction of multistoried buildings, p. 40
In what consists the work of a deputy with the community of an elective district, p. 44
- ISSLEDOVANIYA PO TEORII SOORUZHENII, sbornik statei [RESEARCH IN THE THEORY OF STRUCTURES, Papers]** Published by Gosstatstvennyi izdatel'stvo literatury po stroitel'stvu i arkhitekture [State Publishing House of Literature on Construction and Architecture], Moscow, no. 14, 1965.
- Table of contents translated
Doriman, A. G., Leites, S. D. - Stability in an elastoplastic field of eccentrically compressed rods with asymmetric I-beam and T-beam profiles, p. 5
Snitko, N. K. - Static stability of a steel television tower, p. 23
Suzdal'nikskii, I. D. - Some quality evaluations of critical stresses of rod systems, p. 29
Blokh, M. V. - Impact on systems with distributed parameters, p. 35
- Mougaevskii, A. D. - Action of springs on the strength of the dynamic effect of a shifting load, p. 67
Bondar', N. O., Denishenko, I. U. N. - Application of the method of variable time scale to the solution of problems concerning the dynamic action of a shifting load on a structure, p. 73
Shtitsyn, A. P. - Thermoelastic and thermoplastic vibrations of rod systems and plates, p. 93
Ovchinnikov, A. I. - Vibrations of sharply sloping circular arches in a case of the vibration of their supporting sections, p. 113
Kiseleva, I. V. - Use of the shifting method in calculating flames with ponderable elements each supporting two concentrated masses under a vibrating load, p. 125
Rabinovich, I. M. - Design of rod systems of minimum weight, p. 131
Vinogradov, A. I. - Study of the function of costs in the design of optimum systems, p. 113
Slusarchuk, F. I. - Fields of practicable stresses on statically indeterminate trusses under random loads, p. 159
Kholmianskii, M. M. and others. - Study of the action of transverse elements of large-panel apartment houses, p. 189
Vol'fon, B. P. - Calculating three-dimensional sectional and solid thin-walled box-shaped elements, p. 185
Aleksandrov, A. V. - Calculating box-shaped beam spans by a transposition method, p. 209
Kalmakov, A. S. - Calculating rod lattice systems of flooring supported by rectangular contours, p. 215
Malament, L. I. - Approximate calculation of plates, p. 223
Rimskii, R. A. - Calculating plates of variable thickness by the use of electronic computers, p. 231
Gorin, A. A. - Calculating continuous beams with a spiral axis, p. 241
Bolodzhiev, K. - Inverse matrices in three-member systems of equations, p. 253
Smirnov, V. A. - Calculating flexible threads with simultaneous action of vertical and horizontal loads, p. 259
- LENINGRAD. INSTITUT INZHENEROV ZHELEZNO-DOROZHNOGO TRANSPORTA Sbornik trudov [INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS Papers]** Moscow, no. 202, 1963. Tunnels and subways
- Table of contents translated
Bol'shakov, D. I., Limanov, I. U. A. - Tunnel construction characteristics of the second link of the Leningrad subway, p. 3
Bogorodetskii, A. A., Kazantsev, S. S. - New type station of the "V. I. Lenin" Subway in Leningrad, p. 8
Limanov, I. U. A. - Experimental study of deformations in the Cambrian clay strata in the construction of the new type stations of the Leningrad subway, p. 16
Limanov, I. U. A. - Using the method of equivalent materials in studying the static work of structures in the new type stations of the Leningrad subway, p. 21
Putiatin, V. V. - Modeling the construction of the new type stations of the Leningrad subway, p. 27
Popravko, A. K. - Selecting the equivalent materials for the modeling of the new type stations of the Leningrad subway, p. 34
Larionov, L. I. - Measuring instruments and methodology of stress measurement in models of subway station lining and rocks for modeling with the method of equivalent materials, p. 39
Bogorodetskii, A. A. - Applying the modeling method in studying the reactive rock pressure on a circular tunnel lining, p. 44
Bugaeva, O. E. - Rock pressure in elastic-plastic rocks, p. 54
Limanov, I. U. A., Podakov, V. F. - Characteristics of the deformation of buildings in the construction of station tunnels in soft rocks, p. 65
Limanov, I. U. A., Sakhlidze, I. K. - New type of shaft holding in the construction of the Leningrad subway, p. 75
Bogorodetskii, A. A. - Prospects of the construction of underwater tunnels for city traffic in Leningrad, p. 82
- No. 216, 1964. Problems of railroad operation.
- Table of contents translated:
Gordeenko, P. I. A. - Traffic organization under the conditions of long haul distances, p. 3
Romanov, A. P. - Some problems in improving the organization of local operations, p. 8
Ugrumov, A. K. - Effect of passenger train spacing on the utilization of locomotives, p. 27
Romanov, A. P. - Increasing the traffic capacity of single-track lines operating with new traction means by lengthening the receiving and dispatching sidings in stations, p. 57
Terterov, M. N. - Some problems of the design and calculation of pneumatic mail conveying, p. 75
Pavlov, V. E. - Technical and economic requirements of hump yard retarders under the conditions of automatic braking of cuts, p. 87

- Pufnovo, V. P. - Efficiency indices of track facilities in classification yards. p. 101.
- Kudryavtsev, V. A. - Using linear programming methods in the calculation of empty car transfers within a railroad subdivision. p. 112.
- Kudryavtsev, V. A. - Problem of the concentration of freight operations in a lesser number of intermediate stations and its solving by means of electric computers. p. 141.
- Vasishchin, V. F. - Made a more efficient use of the fleet of refrigerator cars. p. 150.
- Bahtenkov, P. V. - Interrelated distribution of facilities in classification yards. p. 155.
- LE MINGRAD, VSESOIUZNYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT GIDROTEKHNIKI, Izvestiya [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF HYDRAULIC ENGINEERING, Bulletin]. Vol. 76, 1964.
- Table of contents translated
- Rakhmanov, A. N. - Hydraulic jump regime in a stilling basin. p. 5.
- Gutman, S. G. - Modeling the action of gravity and hydrostatic pressure on twin centrifugal models. p. 35.
- Rozanov, N. S., Mokrushin, V. N. - Investigation of the effect of noncemented joints on the stressed state of the concrete dam of the Bratsk Hydroelectric Power Station. p. 43.
- Pilat, Sh. N. - Calculation method for determining the thermophysical characteristics of cast stone. p. 55.
- Smolnikov, V. V., Litvinova, R. L., Borisov, A. A. - Evaluation of the crack resistance of cement mortars. p. 61.
- Arabadzhan, I. R. - Use of loams for preparing clay-cement injection mortars. p. 77.
- Zaporozhets, I. D., Kind, V. V. - Speed of heat evolution depending on the hardening temperature of concrete. p. 89.
- Zaporozhets, I. D. - Characteristic values of the process of cement heat evolution. p. 95.
- Gun'yo, F. G. - Calculation of the rock fill strengthening behind the aprons of spillway dams. p. 109.
- Faktorovich, M. E. - Determining the hydrodynamic pressure behind the flat gates in pressure water conduits of any cross section. p. 120.
- Kartvelishvili, N. A. - Inertial pressure in the Bernoulli equation and elastic hydraulic impact. p. 137.
- Aravin, V. I., Moshkova, M. A. - Investigation in a slotted trough of the influence of water barrier shape in an unsteady percolation. p. 147.
- Aravin, V. I., Strel'tsova, T. D. - Investigation of planned unsteady percolation on integrators. p. 157.
- Pavlovskaya, L. N., Fedorova, V. V. - Some problems of modeling the unsteady percolation of ground-water in a two-layer medium on electric grids of active resistance. p. 169.
- Nosova, O. N. - Methods of determining the characteristics of soil percolation according to the data of systematic observations. p. 185.
- Zhil'nikov, V. N. - Initial pressure gradient of water percolation through concrete. p. 191.
- Zhulenkova, V. N. - Experimental method of determining the permeability of concrete. p. 197.
- Smirnov, A. S. - Percolation of cross-linked systems in a porous undeformable medium. A. S. Smirnov. p. 205.
- Smirnova, A. S. - Wash of soils by concentrated clay suspensions. p. 219.
- Lubochkov, E. A. - Installation of concrete embankments against waves without compression joints. p. 233.
- Strel'tsova, T. D. - Modeling a vertical watertight barrier in solving percolation problems. p. 245.
- Rainin, V. E. - Formation of a percolation flow under the channel in nonhomogeneous loesslike loams. p. 249.
- Makarov, I. I. - Results of field observations of the bucket water intake of a large thermal electric power plant. p. 257.
- TSILIKIN, V. F. - Investigation of the suction of ice under partly opened surface gate. p. 271.
- Graham, N. I. - Considerable oscillations of a sphere in a viscous fluid. p. 289.
- Gorelik, L. V., Petrenko, A. A. - Microanisotropy of water saturated sands. p. 299.
- Dublagov, V. D. - Criterion of the crack resistance under the action of temperature of a concrete block rigidly fastened in the foundation. p. 303.
- Safonov, V. I. - Color waterproofing of cooling towers on the basis of epoxy resin varnishes and paints. p. 333.
- Orlov, B. N. - Accelerating the formation of the structure of slucco coating of a cold asphalt mastic by adding urea-formaldehyde resin. p. 345.
- Akulova, L. G. - Influence of wind on the operation of natural draft cooling towers based on domestic and foreign literature. p. 351.
- Pechenkin, M. V. - Apparatus, methods, and techniques of the experimental study of turbulent water flows with suspension. p. 365.
- MEKHANIZATSIYA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION]. Issued by Gosudarstvennyi Komitet po delam stroitel'stva SSSR and Tsentral'noye nauchno-tekhnicheskoye obshchestvo stroitel'noy industrii [State Committee for Construction in the U.S.S.R. and the Central Administration of the Scientific-Technical Society of the Construction Industry]. Moscow, vol. 22, no. 8, Aug. 1965.
- Table of contents translated
- Degtyarev, A. P. - Integrated structural-work brigades of business accounting. p. 1.
- Mozoz, P. K. - Reducing manual work in the power engineering construction. p. 5.
- Shlyokov, V. P. - Utilization of earthmoving machines in the Main Construction Administration of Eastern Siberia. p. 9.
- Argutlin, I. P., Gordienko, V. A. - Specialized transportation in construction. p. 11.
- Aver'yanov, A. M. - Reconstruction of the D-102 zipper for sod-cutting machines. p. 13.
- Oreshin, M. A. and others. - Utilization of machines in rural construction. p. 13.
- Goldaev, I. P., and others. - Hand pneumatic thermometers. p. 16.
- Ben'iminov, S. L. - Tank for heating bitumen. p. 17.
- Loikin, M. G. - Reduction of the production and maintenance cost of disk saws of stone-cutting machines. p. 18.
- Ben'iminov, S. L. - Hydraulic clutch. p. 20.
- Peremyslovskiy, V. I. - New MKG-6, 3 assembly crane. p. 21.
- Loshak, I. A., Bolzyna, I. A. - High-capacity triaxial truck trailer. p. 23.
- Goncharenko, A. T. - Using tower cranes on the construction sites of the Far North. p. 24.
- Abramovich, I. I. - Selection of rational parameters and designs of gantry cranes. p. 25.
- Regulations for designing and manufacturing new construction machinery and equipment. p. 26.
- Once more on the mechanization of construction work. p. 27.
- Measures for carrying out the overall mechanization plan in 1965. p. 27.
- MOSCOW, UNIVERSITET DRUZHBY NARODOV, Trudy [UNIVERSITY OF THE FRIENDSHIP OF PEOPLES, Transactions]. Vol. 6, 1964. Stroitel'stvo [Construction], no. 1.
- Table of contents translated:
- Morozov, K. A. - Study of the mechanical properties of twisted reinforcement. p. 3.
- Iakovlev, L. T. - Thermal stresses in concrete during its splicing to pavements. p. 10.
- Avakov, A. I., Rusler, A. E. - Instructions for planning and calculating the composition of heavy concrete. p. 27.
- Morozov, K. A. - Strain-hardened steels for concrete reinforcement. p. 34.
- Iakovlev, L. T. - Stresses in cellular concretes in autoclave treatment. p. 63.
- Petrov, N. A., Koz'yev, S. P. - Resistance of some plastics and nonmetallic coatings to cavitation erosion. p. 70.
- MOSCOW, VSESOIUZNYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT VODOSNABZHENIYA, KANALIZATSII, GIDROTEKHNIKESKIIH SOORUZHENIY I INZHINERNOY GIDROGEOLOGII, Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF WATER SUPPLY, SEWERAGE, HYDRAULIC STRUCTURES, AND ENGINEERING HYDROGEOLOGY, Transactions]. No. 9, 1964.
- Table of contents translated.
- Grigor'ev, V. M. - Foreign experience in the artificial replenishment of ground water reserves. p. 3.
- Vorilina, N. N. - Some problems of thermal convection in porous media. p. 51.
- Bochever, I. M., Oradovskaya, A. E. - Forecasting temperature changes in underground waters in infiltration water intakes. p. 67.
- Lobanskaya, N. P. - Fluctuations of ground-water runoff determination of its frequency. p. 85.
- No. 10, 1964.
- Table of contents translated:
- Baranov, V. A., Koditsa, N. I. - Sedimentation of suspended matter and precipitation of carbonates in the Starry Krym Reservoir. p. 3.
- Baranov, V. A., Koditsa, N. I. - Considering the colloid supply in the calculation of the salt balance of the Starry Krym Reservoir (Donets Basin). p. 24.
- Radkevich, D. A. - Study of the water-salt regime of the Yel'zavetovka Reservoir. p. 36.
- Bystrov, I. A. - Experience in the hydrological and hydrochemical investigations of a reservoir. p. 68.
- MOSCOW, VSESOIUZNYI PROEKTNO-IZYSKATELSKIY NAUCHNO-ISSLEDOVATELSKIY INSTITUT GIDROPROEKT I MENI S. I. A. ZHUK, Leningradskoye otdeleniye, Trudy [S. I. A. ZHUK ALL-UNION PLANNING AND RESEARCH INSTITUTE GIDROPROEKT, Leningrad Department, Transactions]. No. 1, 1964.
- Table of contents translated:
- Domanskii, L. K., Khlebnikov, N. V. - Basic design and structural features of the dam of the Krasnoyarsk Hydroelectric Power Station. p. 5.
- Zaitsev, V. R. - Selection of units and the composition of the building on the Krasnoyarsk Hydroelectric Power Station. p. 21.
- Bodnev, M. N. - Inclined ship-lifting device of the Krasnoyarsk Hydroelectric Power Station. p. 32.
- Levenkikh, D. P., Ima, I. A. - Calculation of the thermal stresses of concrete masonry of the dam of the Krasnoyarsk Hydroelectric Power Station. p. 45.
- Dapinskii, I. M., Shchulovich, I. N. - Central control systems of the Krasnoyarsk Hydroelectric Power Station. p. 69.
- Gamus, I. M. - Characteristics of the hydraulic turbines and hydromechanical equipment of the Krasnoyarsk Hydroelectric Power Station. p. 69.
- Vagner, V. N. - New project solutions of the hydraulic structures of the Votkinsk Hydroelectric Power Station. p. 80.
- Semenov, N. G. - Hydroelectric power station on the Mamukan River. p. 103.
- Semenov, N. G. - Dam on the Irtyakh River built on permafrost non cohesive soils. p. 110.
- Petrov, G. A., Dmitriyev, G. V. - Basic principles for calculating the overall utilization of large streams. p. 115.
- Rozlov, A. P. - Reducing capital investments in building the reservoirs of large hydroelectric power stations. p. 121.
- Vul'foryk, N. A. - Determining the temperature of a concrete block lying on old concrete or rock (Finding the function of cooling). p. 126.
- Ginzko, L. B. - Determining the extreme stresses in the re-larged arches. p. 135.
- Gogolitsina, V. M., Fild, S. A. - Determining the total pressure of earth filling on the walls of shock chambers. p. 141.
- Repin, I. V. - Matrix method of calculating the statically undetermined structures. p. 155.
- Vitkin, V. N. - Computation of various methods of voltage drop compensation in 30 - 150 kv open-loop electric power transmission lines. p. 171.
- Vitkin, V. N. - Simplified calculation of shielded bus conductors. p. 189.
- Tanogov, I. S. - Analytical method of calculating the unsteady flow of tail water of a hydroelectric power station. p. 201.
- Teleshev, V. I. - Determining an economical profile of massive and lightweight dams with expansion joints. p. 222.
- N/ STROIKAKII ROSSIY [AT RUSSIAN CONSTRUCTION PROJECTS]. Organ of Gosudarstvennyi Komitet Sovetskikh Ministerov RRSR po delam stroitel'stva [State Committee of the Council of Ministers of the R.S.F.S.R.]. Moscow, vol. 9, no. 9, Sep. 1965.
- Table of contents translated:
- Shayli, I. U. - Demonstration building using graphic work schedules. p. 1.
- Afanasev, V., Khilukhin, V. - System of graphic work schedule and the continuous construction organization. p. 3.
- Krasovskii, S. - New developments in the organization of a construction support and attention. p. 1.
- Cherniak, V. - Creative research in construction views? p. 7.
- Avdeev, I. U., Koran, I. - Analysis of graphic work schedules on electronic computers. p. 9.
- Babushkina, O., Khavkina, V. - Consolidated planning, lower echelon operation and production planning, and business accounting in brigades. p. 11.
- Bakutova, L. - What can be accomplished by the combined work organization in the construction of foundations. p. 12.
- Vasil'ev, M. - Efficient project of work execution in building the Malkov paperboard-making factory. p. 14.
- Svetlov, N. - Nonobservance of work execution plan. p. 15.
- Akhmatov, M., Marshak, S. - Rapid construction of a sewer tunnel. p. 16.
- Bystrov, I., Byistrova, V. - Unique calcium well. p. 17.
- Fidler, A., Litvinovich, A. - Achievements of the builders of a tank farm. p. 19.
- Klushin, A. - Support a valuable initiative. p. 20.
- Ivanova, M., Dukhanin, S. - Public control increases its power. p. 21.
- Zazerskiy, K. - Little town for children. p. 22.
- Grigor'ev, M. - Pulse electric heating of external wall keramzit-concrete panels. p. 23.
- Make wider use of the method of housing construction combines. p. 24.
- Promylov, I. U., Nikul'shin, K. - MKP-40 assembly crane. p. 25.
- International exhibition "Chemistry in industry, construction and agriculture. p. 28.
- Lapobok, L. - In the Soviet Section of "Chemistry in construction" p. 27.
- Koshkin, V. - Foreign polymer materials. p. 28.
- In the Ministry of Construction of the R.S.F.S.R. p. 30.
- In the State Committee on Construction of the Council of Ministers of the R.S.F.S.R. p. 31.
- Guiding materials for computing estimated costs and making payments for finished construction and assembly work. p. 32.

*OSNOVANIYA I FUNDAMENTY I MEKHANIKA GRUNTOV [FOUNDATIONS AND SOIL MECHANICS]. Issued by Gosstatizsivnyy komitet Sovetskikh Ministerstv SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 1, no. 4, 1965.

- Table of contents translated
- Egorov, I. V. - Deep soil stabilization by urea formaldehyde resin. p. 1
- Golubov, B. P., Chuzelev, V. K. - Study of soluble glass in a d.c. field. p. 4
- Il'ov, I. U. N. - Using polymers to accelerate the sinking of piles. p. 5
- Smorodintov, M. I., Morozov, A. A. - Using radioisotopes to determine the density and moisture content of soils. p. 7
- Kakosimidi, N. F. - Determining the reactive pressure under a circular plate on a solid creeping foundation bed. p. 9
- Tet-Matthiasen, Z. G., Tsyvovich, N. A. - Secondary consolidation of clays. p. 12
- Bartolomei, A. A., Doroshkevich, N. M. - Settling of a single-row pile foundations. p. 15
- Timofeev, S. V., Ushin, A. I., Shvedova, S. N. - Study of the joint action of grillage and wall panels standing on the full-scale reinforced concrete units. p. 18
- Klepikov, S. N. - Calculation of beams on elastic foundations with a variable coefficient of the subgrade. p. 21
- Lishak, V. I. - Determining the pressure on elements of large-panel buildings caused by uneven settling of the foundation bed. p. 23
- Poitov, M. P. - Construction on saline soil. p. 26
- Ben', A. A. - Use of foundations with friction piles in the construction of the West Siberian Metallurgical Plant. p. 27
- Results of the discussion on P. P. Shagin's article "Control joints in frameless apartment houses on nonuniformly compressed and settling foundation beds." p. 29
- Abelev, M. I. U., Slavovosov, A. Kh. - Building on water saturated incoherent clayey soils; All-Union Congress in Tallinn. p. 30
- Starkeyn, A. P. - Instructions for designing buildings and structures on areas undercut by mining, construction specifications. p. 32

POZHARNOE DELO [FIRE FIGHTING]. Issued by Ministerstvo okhrany obshchego bezopasnosti RSFSR [Ministry for the Protection of Public Order of the R.S.F.S.R.] Moscow, no. 9, Sep. 1965

- Table of contents translated
- Need for consolidation of actions. p. 1
- Grebennikov, I. - Once by night... p. 3
- Lazebnik, G. - Private from the firemen army. p. 4
- Buzunov, V. - A few minutes... p. 5
- Vasilenko, S. - Firemen from Sverdlov Street. p. 5
- Bukacev, M. - Two episodes. p. 5
- Ganushin, A. - Encounter with a hero. p. 6
- Korobitsyn, P. - He fought to the last. p. 6
- Sokolov, V., Ivanov, E. - They are not only guardians but also organizers. p. 8
- Ponomarev, M., Alpatov, I. - That is the kind of work we have to do. p. 8
- Zolotarev, V. - Consolidation of achievements. p. 9
- Kotelnikov, V. - Junior inspector... p. 10
- Tyev'e, S. - Summing up. p. 11
- Gromov, G. - The cause of the fire was found. p. 12
- Pakhomov, A. - Forest guard from Solntsevka. p. 14
- Volchkevich, B. - In the Omsk Rubber Tire Factory. p. 15
- Semina, N. - Favorite champions start worrying... p. 10
- Gusev, M., Gerbasa, A. - Serious statement. p. 17
- Skebelev, O. - Agitator. p. 19
- Shatikhin, G. - Underground watchmen. p. 19
- Omel'chenko, P. - Saying "no" to farm fires. p. 20
- Devilalov, P. - Decisive direction. p. 21
- Rudikov, S. - Friendship helps in winning. p. 23
- Nazarov, I. U. - Strong-willed ambition. p. 23
- Mamardashvili, V. - How to prevent fires in grain dryers. p. 25
- Shubeko, N. - State standard for fire extinguishers. p. 25
- Tochilkina, V. - New heating systems. p. 26
- Emel'yanov, A. - Viscous water. p. 26
- Anokhin, A., Ponomarev, I. - Toxicity of polymers. p. 27
- Suggestions of the Gorky Automobile Plant. p. 20
- Turanov, A. - New proposals of inventors. p. 28
- Erdeli, G. - Theater fires. p. 31

No. 10, Oct. 1965.

- Table of contents translated
- Pecherer, G., and others. - About good people. p. 2
- Semina, N. - Rebirth of a machine. p. 6
- Dovysova, G. - Point of equilibrium. p. 10
- Artem'ov, I. A., and others. - For a youth thinking about a profession... p. 12
- Gusev, M., and others. - First U.S.S.R. firemen sports tournament. p. 14
- Toropov, O. - Successful fire extinction; in the "Mir" movie theater. p. 20

- Krasulin, O. - Successful fire extinction, in a harbor. p. 21
- Polevin, V., and others. - Participation of volunteers in the fighting. p. 22
- Somov, V. - Extinction of gasifier fires. p. 26
- Mikhailov, A., Plokhov, E. - Lighting systems of windowless buildings. p. 28
- Minin, A., Vikhorev, B. - Spray painting in the electrostatic field. p. 29
- Zhdan, N., Mechev, A. - Modernization of foam mixers. p. 30
- Book reviews and bibliography. p. 32

PUTI I PUTEVOYE KHOZIAISTVO [RAILROAD TRACKS AND ROADWAY MAINTENANCE]. Organ of Ministerstva puti soobshcheniya SSSR [Ministry of Railroad Transportation of the U.S.S.R.] Moscow, vol. 9, no. 7, 1965

- Table of contents translated
- Vinogradov, N. N. - Each rail order must strive for safety. p. 1
- Plokholskii, M. A., Ivanov, E. R. - New track machine. p. 4
- Isaev, A. N., Beloshelkov, A. F. - New machine for general track overhauling. p. 6
- Nesterenko, N. I. - Hydraulic track filter. p. 9
- Trubitskiy, V. F. - Electric insulation of rail circuits on reinforced concrete ties. p. 11
- Ignatov, D. V. - Potentials for increasing labor productivity. p. 13
- Kolokolov, V. N., Motilina, G. M. - Protecting coatings of bridges. p. 15
- Kozlitshuk, P. G. - Curve adjustment and revisions for high-speed lines. p. 16
- Khokhlov, I. N. - Design of track ditches. p. 19
- Mikhlin, N. I. - Track sprayer. p. 20
- Zotov, P. I. - Suspension supports for the locators on the MRD52 defectoscope. p. 21
- Dyatlovskii, I. A. - Rail carter. p. 21
- Everyday routine of the crews of track machinery stations. p. 22
- Lukin, A. V. - Siberian larch in protective belt planting. p. 29
- Usmanov, G. R., Zapletan, E. I. - Experiment in growing balsam poplar seedlings. p. 30
- New features in safety regulations. p. 31
- Kombarov, V. M. - School of rail welding on the track. p. 34
- Contest for better machines and mechanisms. p. 36
- Gritchenko, V. A. - How to register authorship of innovations. p. 37
- Rudenchikov, A. A. - Frogs with mobile tongues. p. 38
- Belchikov, I. V. - Rail lubricants. p. 41
- Terekhov, F. A. - On a section of track repair. p. 42
- Sadikov, O. N. - Rails of tramway tracks. p. 45

Vol. 9, no. 10, 1965.

- Table of contents translated
- The severest inspector. p. 1
- Naumov, A. N. - Secure high-quality production. p. 3
- Maklismenko, I. I. - Winners of the competition. p. 7
- Bochenkov, M. S. - Technology of laying continuous rail tracks. p. 8
- Karolin, A. E., Khromykh, V. I. - Improved technology of track alignment. p. 12
- Creative labor competition. p. 13
- Gora, V. E., Gribkov, V. A. - Modernized railway motorcar. p. 14
- Amelin, S. V., Smirnov, M. P., Iakovlev, V. F. - Results of experimental trips. p. 17
- In transportation institutes. p. 19
- Dev'lyakov, G. M., Mel'nik, D. M., Nedashkovskii, P. P. - Mechanization of track cleaning operations. p. 20
- Konlakhin, I. U. I. A. - Coupled brake. p. 21
- Korolev, K. A. - Improving the work of track machinery stations. p. 22
- Chernyshev, I. U. I. A. - Savings in labor expenditure. p. 24
- Chernyshev, V. V. - Important potential for the increase of labor productivity. p. 25
- Gloizerov, A. V., Mel'nik, A. I. - Spraying machine. p. 26
- Kalinin, A. P., Tatarinov, V. A. - Speeding up track-laying operations. p. 26
- Moskalenko, G. V. - Graphic determination of the parameters of a curve. p. 27
- Iakovlev, T. G., Ivanov, D. I. - Centrifugal modeling at the service of railroads. p. 29
- Golov, V. P., Makharov, L. G. - Reliable stabilization of an embankment. p. 31
- Ialutskii, I. S., Andreevskii, M. G., Sinagin, I. U. A. - Causes of the failure of fastening screws. p. 33
- Observe the safety requirements in laying second tracks. p. 35
- Sivets, D. P., Mal'chenko, V. P. - Progressive scientist. p. 36
- Moskovskii, I. I. - Prospective exemplary plant. p. 38
- Platonov, V. A. - Specialization of the work of track maintenance subdivisions. p. 39
- Markov, A. K. - Gross violation of regulations. p. 40
- Kvashnin, I. N. - Review of a book on rail welding. p. 42

- Ivashkevich, K. A. - Reorganization of tree planting. p. 42
- Defects of reinforced concrete ties. p. 45

REFERATIVNYI ZHURNAL AVTOMOBIL'NYE DOROGI [JOURNAL OF ABSTRACTS HIGHWAYS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 10-11, Oct.-Nov. 1965

SEL'SKOE STROITEL'STVO [RURAL CONSTRUCTION]. Organ of Gosudarstvennyi komitet Sovetskikh Ministerstv RSFSR po delam stroitel'stva [State Committee of the Council of Ministers of the R.S.F.S.R. for Construction]. Moscow, vol. 20, no. 9(191), Sep. 1965

- Table of contents translated
- Complete the construction of grain receiving stations without delay. p. 1
- Vainer, I. A. - Boldly proceed with rapid construction of elevators. p. 3
- Gogolev, B. - Total prefabrication of elevators. p. 4
- Kushinov, M. - Experience in the erection of a silo using sliding formwork. p. 6
- Mechanized threshing floors of collective and state farms. p. 8
- Evtikhin, V., Chaikina, T. - An experimental silo. p. 9
- Tamashalits, I. - Leading unit of rural construction workers of Lithuania. p. 11
- Iurkov, V. P. - From a lagging organization to a leading organization. p. 13
- El'mink, B., Luk'ianchikov, L. - Completely mechanized swine fattening farm. p. 14
- One person is taking care of 1200 swine. p. 16
- Kavle, B., Stakhova, L. - A new economical poultry house. p. 16
- Bliznitskiy, A. - Use of plastics in irrigation engineering. p. 17
- Nazarov, V. - Heat insulated industrial enclosing structures. p. 19
- Shutinskii, M. - Premature confidence. p. 23
- Anikhol'skii, A. - Recommendations on the maintenance of barns. p. 27

STROITEL' [THE BUILDER]. Organ of Gosudarstvennyi komitet po delam stroitel'stva SSSR and Tsentral'nyi komitet profsoyuza rabochikh stroitel'stva i promyshlennosti stroitel'nykh materialov [State Committee for Construction of the U.S.S.R. and the Central Committee of the Trade Union of Construction and Building Materials Workers]. Moscow, no. 10, Oct. 1965.

STROITEL'NAYA MEKHANIKA I RASCHET SOORUZHENII [STRUCTURAL MECHANICS AND CONSTRUCTION CALCULATIONS]. Issued by Gosudarstvennyi komitet po delam stroitel'stva SSSR [State Committee for Construction in the U.S.S.R.]. Moscow, vol. 7, no. 5, 1965

- Table of contents translated
- Gubenko, A. B., Nasonov, V. N. - Problems of structural mechanics in connection with the use of plastics in construction. p. 1
- Kopnov, V. A., Gol'denblat, I. I. - Criterion of the strength of anisotropic glass reinforced plastics. p. 5
- Reitman, M. I. - General variation principle in the mechanics of continuum and its application. p. 9
- Piskovitskiy, I. A. - Calculation of reinforced bottoms joined to reservoirs. p. 12
- Manovich, A. I. - Efficient reinforcement of circular plates by radial ribs. p. 18
- Usilovskii, S. I. A. - Determination of the coefficient of stress concentration using an electric modeling installation. p. 21
- Glikin, I. D. - Calculation of slanting prestressed girders according to the limiting state. p. 24
- Svotlovskiy, N. D. - Pressure change caused by blast waves in closed space. p. 27
- Aleksandrov, A. V., Lashchenikov, B. I. A. - Use of the power method when solving problems of the stability of elastic systems. p. 28
- Protsenko, A. M. - Stability of compressed and bent bars in linear creep. p. 32
- Makarov, B. P. - Behavior of compressed and bent rods in the elastoplastic stage. p. 35
- Tsifilim, A. L. - Use of integral transformations for calculating semi-infinite bars and cylindrical shells. p. 37
- Nasyrov, A. Kh. - Natural vibrations of plates and circular cylindrical shells reinforced by stiffening ribs. p. 42
- Grinberg, E. I. - Determining the frequencies and forms of natural horizontal vibrations of a frame-work. p. 46
- Kochnev, I. U. I., Kruterman, B. L., Loginov, V. S. - Examining the stressed state of a cylindrical container on a model. pp. 48, 3 of cover.
- Kanevskii, M. V. - Sectorial geometrical characteristics of rolled I-beams; All-Union State Standard 8239-56. p. 3 of cover.

STROITEL'NYE MATERIALY [BUILDING MATERIALS]

Organ of Gosudarstvennyi Komitet po promyshlennosti stroitel'nykh materialov pri Gosstroe SSSR [State Committee for the Building Materials Industry, Attached to the State Committee for Construction in the U.S.S.R.] Moscow, vol. 11, no. 10, Oct. 1965

Table of contents translated

- Muronskii, P.G. - Local materials industry should meet the standard required by present-day construction. p. 1.
- Kvashin, I.S. - Large ceramic block is an effective building material. p. 4.
- Milashchuk, I.I. - Device for determining the degree of the compression of co-bricks. p. 6.
- Vishnevskii, S.E. - Battery-powered electric loaders equipped with dismountable frames. p. 7.
- Appel', S.A. - Hot molding of keramzit concrete panels at the Strupkhov Housing Construction Com-
bination. p. 8.
- Davidenko, S.S. - Electron-ion technology and polymers. p. 10.
- Dudko, A.A. - Increase in cube-form grains in the output of cone-type crushers. p. 12.
- Vladimirov, A.P., and others. - Use of infrared heating elements in the transportation of aggregates under winter conditions. p. 15.
- Advanced practices are available to all enterprises. p. 17.
- Narskii, V.V., Severov, N.A. - Plants in Central Asia and Kazakhstan turn out poor bricks. p. 19.
- Stefanovich, P.A. - Method of mechanical testing of sheet asbestos cement. p. 21.
- Rabov, E.A. - Third All-Union Public Inspection of the Quality of Construction Work. p. 22.
- Vazhmin, B.V. - Freezing of the moisture of building materials. p. 24.
- New method of determining the activity of cement and a change in its marking. p. 28.
- Petrushina, G.A. - Using keramzit sand to improve the quality of keramzit concrete. p. 27.
- Fedorov, E.N., Osipov, G.L. - Soundproofing materials and elements. p. 28.
- Volzhenkii, A.V., Ferionakia, A.V., Mikhailova, G.F. - Sulfate resistance of gypsum-cement-pozzolanic and gypsum-slag cement binders of improved strength. p. 30.
- Umanski, I.I.A. - Strengthen the industrial base of interurban building organizations. p. 32.
- On P.P. Bodin's 80th birthday. p. 32.
- Isakov, G.A., and others. - Synthetic binders in the production of mineral wool products. p. 35.

STROITEL'STVO TRUBOPROVODOV [PIPELINE CONSTRUCTION]

Issued by Gosudarstvennyi proizvodstvennyi Komitet po gazovoi promyshlennosti SSSR [State Production Committee for the Gas Industry of the U.S.S.R.] Moscow, vol. 10, no. 10, Oct. 1965

Table of contents translated

- New labor achievements in honor of the All-Union Day of Workers in the Petroleum and Gas Industry. p. 1.
- Smirnov, K.K. - All-Union Public Inspection of the Quality of Construction and the Competition for the Best Construction according to Standard and Economic Designs. p. 2.
- Syrov, A.T. - Efficient construction of automobile roads in petroleum and gas districts of Tyumen' Province. p. 4.
- Sadovnikov, R.G., and others. - Investigation of reinforced concrete loaded pipelines for under water pipelines. p. 6.
- Lutsii, P.K. - Parameters of induction heating of pipes during bending. p. 8.
- Dmitriyevskii, V.A. - Hydraulic drive for the shifting mechanism of rotary excavators. p. 11.
- Moskovtsev, A.G., Efrem, I.U.N. - Working out a network schedule for building a natural gasoline plant. p. 14.
- Skvortsov, K.A. - Use of DZK separators during the hydraulic testing of gas pipelines. p. 17.
- Loginov, V.S., Fedukina, E.P. - Laying high-pressure asbestos-cement gas lines. p. 18.
- Kontorovich, S.O. - Standardization of elements and the grouping of structures in oil fields. p. 21.
- Maksimov, I.U.I., Shakhidzhanov, V.S. - Construction control with the aid of electronic computers. p. 23.
- Sinityn, P.V. - Sealing cable ends. p. 23.
- Device for compressing the floor of a reservoir. p. 24.
- Watertight cast iron joints of steel pipes. p. 24.
- Troshnev, N.P. - Nomograms for controlling hydraulic hammer in water pipes. p. 25.
- Kiseleva, E.I.A. - Role and tasks of the chief economist in a construction organization. p. 27.
- Egorov, O.P. - BM25 insulating machine. p. 28.
- Ovseplan, A.P., Morosov, N.S., Galits, A.K. - Composite reinforced concrete foundation under the GT-700-S gas turbine. p. 29.
- Shutov, V.N. - There must be greater precision in formulating the procedure for determining the planned cost of unfinished products. p. 32.
- Kaltagin, A.M., Shektorov, I.N. - Recommendations for re-equipping the ER-7A excavator for work on frozen ground. p. 33.
- Ardikutsa, V.E. - Samson pipeline. p. 34.
- Bernovskii, M.I. - Make stipulations for standardized elements in designs. p. 35.

*TSEMENT [CEMENT]. Organ of Gosudarstvennyi komitet po promyshlennosti stroitel'nykh materialov pri Gosstroe SSSR [State Committee for the Building Materials Industry, Attached to the State Committee for Construction in the U.S.S.R.]. Moscow, vol. 11, no. 5, Sep.-Oct. 1965.

Table of contents translated

- Make fuller use of the reserves for production. p. 1.
- Rozentfeld, M.I.A. - Apply industrial aesthetics to all cement plants. p. 3.
- Gavrilov, S.A., Ovcharenko, A.A. - Improve the effectiveness of dust removal in industrial processes. p. 5.
- Sychev, M.M., Korneev, V.I. - Phosphate raw materials as alloying additives. p. 6.
- Mivol'skii, I.U.N., Zelenyi, I.P. - Method of testing the rectilinearity of the shaft of a rotary kiln according to displaced centers of bearing. p. 8.
- Kuznetsov, V.M. - All-Union school of advanced practices. p. 9.
- Kryzhanovskaya, A., and others. - Hydration of clinker alkali minerals. p. 10.
- P'riachev, V.A., Brovitsyn, A.C. - Characteristics of the operation of kilns with slurry concentrations. p. 11.
- Staver, O.I., Chop, I.U.I. - How we obtained an increase in the output of kiln units. p. 13.
- Silchenko, A.D., Mozdukhorich, M.A. - Ways of improving the process of burning clinkers in kilns with slurry concentrations. p. 15.
- Sosulina, L.D., Lomsadze, I.A., Iashagashvili, E.I. - Quality of clinkers has been improved. p. 16.
- Panasenko, I.U.V., Shaposhnikov, V.V., Geistimov, V.A. - Improvement in the construction of the RZMO system. p. 17.
- Pivovarov, V.I., Akinov, V.A. - Intensification of the process of milling clinkers with the aid of smelt-active substances. p. 18.
- Tumanov, A.D. - Cement exceeding the plan. p. 19.
- New standard for testing cement. p. 20.
- Safarin, V.I. - Outstanding scientist. p. 22.

VYCHISLITEL'NAIA I ORGANIZATSIONNAIA TEKHNIKA V STROITEL'STVE I PROEKTIROVANII [COMPUTER AND ORGANIZATIONAL TECHNOLOGY IN CONSTRUCTION AND DESIGN] Issued by Gosudarstvennyi Institut tipovogo proektirovaniia i tekhnicheskikh issledovaniia [State Institute of Standard Design and Technological Research] Moscow, no. 1(11), 1964

Table of contents translated:

- Romanov, K.G. - Method of the critical path in the control of construction production. p. 3.
- Gusev, I.U.N., Kondakov, A.M. - Time reserves in using the method of the critical path. p. 9.
- Barekii, V.B. - Determination of the critical path and related problems (without the use of electronic computers). p. 15.
- Gorlov, A.M. - Algorithm and program of the determination of the critical path and time reserves of network scheduling on the BESM-2M electronic computer. p. 24.
- Mikhel's, V.A. - Selection of initial data and the determination of the volume of work of specialized organizations. p. 31.
- Vund, L.C. - Long-term planning of construction by the methods of linear programming. p. 40.
- Meremaa, O.A. - Some problems in long-term planning of housing construction by mathematical methods. p. 44.
- Kravtsov, S.D. - Mechanization of accounting in the construction industry. p. 47.
- Iakobson, L.S. - Technology of automated calculation and the production of tables. p. 50.
- Epel'fel'd, G.I.A. - Solving systems of linear equations by the method of the "chain series." p. 57.
- Gordeev, V., Grinberg, M. - Method of preparing engineering calculations for mechanized execution. p. 62.
- Bazilevich, V.L. - Programming engineering and construction problems for the BESM-2M electronic computer. p. 73.
- Kipper, E.I.A. - Classification in architectural design. p. 77.
- Nozhikov, A.M. - Practices in untraced execution of documentation in the Zaporozh'ye Technological Design Institute. p. 80.
- Fediev, P.F. - Cabinless method of storing drawings executed on transparent paper. p. 82.
- Petisov, L.S. - Improved model of the SKA blueprinting machine. p. 84.
- Sokolov, V.V. - Organizing a library of programs in the State Institute for Prototype Design and Planning for Technical Research. p. 86.
- Tokareva, O.N. - New electronic mathematical machine for calculating frame systems. p. 88.
- Afanaseva, E.I. - Form of orders for copying and duplicating work. p. 89.
- Skotnikova, M.B. - Cybernetics and production management. p. 100.
- Ruderman, E.M. - Design and planning in newspapers and periodicals during 1963. p. 102.
- "Methods of solving problems in structural mechanics on electronic computers." p. 107.

Galeev, V.Kh. - Industry-wide conference on problems of elaborating and introducing control systems for complicated operations. p. 109.

Pass, L.G. - Seminar on "Practices in using computing and organization techniques in the construction industry." p. 110.

Exhibition on "Organization and mechanization of engineering and management work." p. 114.

No. 2(12), 1961

Table of contents translated

- Shulak, V.S. - Methodology of designing automated systems of planning and control of construction in the U.S.S.R. p. 2.
- Rusakikh, V.A. - Using methods of operations research in construction. p. 13.
- Sheinuk, L.I.U., Ivanov, I.U.A., Khori, L.P. - Automated method of planning assembly-line organization of operations (AMPOH). p. 16.
- Mikhel's, V.A. - Scheme of the principles of the construction organization of an industrial complex. p. 20.
- Romanov, A.M. - Practices in the introduction of dispatching. p. 36.
- Stavitski, L.N. - Deformation calculation and the calculation of the general rigidity of frames by a method of electric modeling. p. 40.
- Konchakov, V.M. - Calculating vibration rigidity of an ed system on FMSS-7 (7M) electric models. p. 45.
- TSudlik, F.A. - Accelerated method of calculating frames. p. 49.
- Kofner, F.Sh. - Calculating frames by the Cross method (shortened version). p. 55.
- Peyzner, L.M. - Designing frames for acetate action by using FMSS-7 and FMSS-7M analog machines. p. 59.
- Gordeev, V.N. - Labor-consuming character of the search for and correction of errors in calculations. p. 65.
- Gorlov, A.M. - Engineering practice and the automation of structural designing. p. 67.
- Rubinshtein, T.D. - Economic significance and measurement of the time factor in designing. p. 71.
- Levina, M.S. - More on an architectural reference book. p. 81.
- Klubier, O.A. - Problems in the organization and equipment of working areas for designers and engineers. p. 85.
- Levin, R.B. - Compiling and reproducing design documentation by a method of flat copying. p. 88.
- Shaninov, V.M. - Device for cutting blueprints. p. 94.
- Fainbikh, I.G. - Designing ring water-supply systems by network models. p. 96.
- Petisov, L.S. - "Romajor III," a new model of a small office press. p. 97.
- Galeev, V.Kh. - Computation Technology Day. p. 104.

No. 3(13), 1964.

Table of contents translated

- Sadovskii, V.I. - Principles of the technological and operational design of assembly-line construction with the aid of electronic computers. p. 2.
- Gorlov, A.M., Ignatov, V.P. - Information program RM-1 (use of materials). p. 9.
- Rusakikh, V.A. - Use of probable and statistical estimates in the study of operations in construction. p. 13.
- Lebedev, V.V., Polankov, R.M., Shershneva, N.F. - New developments in supplying buildings under construction with materials and equipment. p. 21.
- Skaydlov, N.V., Pashenko, F.A., Skrydlova, O.N. - Some problems of network scheduling solved by electronic computers. p. 23.
- Sokolov, V.V. - Some problems in improving effectiveness in the use of electronic computers. p. 37.
- Galeev, V.Kh. - "Promin," a small electronic computer for engineering calculations. p. 41.
- Mirvis, I.A.G., Shor, A.O. - Algorithm and program for designing reinforced concrete elements for an oblique eccentric compression with the BESM-2M electronic computer. p. 44.
- Manin, V.E. - Use of "Promin," a small electronic computer, for the mechanization of engineering calculations. p. 49.
- Kutzhnik, G.G., Shenkar, A.B., Kal'molov, A.F. - Design of frames, statically indeterminate relative to the total internal forces, by means of the FMSS-7 model. p. 51.
- Kondrat'ev, V.M. - Electric modeling of hinged-rod systems. p. 57.
- Uryvaev, I.U.F. - Matrix method for solving differential equations in the case of the discontinuity of functions in the zone of integration. p. 62.
- Sukhov, A.B. - Automation of design and drawing operations. p. 64.
- Fuks, L.K. - System of technical information in a design institution. p. 66.
- Sadykov, I.I. - Introduction of progressive methods of executing engineering documentation in the State Design and Planning Research Institute for Chemical Machinery Plants. p. 71.
- Borisova, N.A. - Using coordinate paper to accelerate drawing and graph work. p. 73.
- Sakalya, V., Elmuntavicius, V. - New drawing board for the designer. p. 76.

- Fellsov, L. S. - Recommendations for remodeling the "Stankin" (SKA-1) and the "Vishkom" (SKM-4) blue-printing machines. p. 78.
- Plavin, B. M. - Logarithmic nomograms. p. 80.
- Scientific and technological information of 1963-1964 on the reproduction of documents. p. 80.
- Skotnikova, M. B. - Survey of the magazine "Ekonomika stroitel'stva" April 1964 (nos 1-6). p. 91.
- Romanova, K. G. - Seminar on "Methods of designing control of construction production by means of network scheduling." p. 94.
- Iurovskaya, N. I. - Seminar on mechanization and automation of engineering and technico-economical calculations in structural design. p. 95.

ZHILISHCHNOE I KOMMUNAL'NOE KHOZIAISTVO [HOUSING AND COMMUNAL SERVICES] Issued by Ministerstvo kommunal'nogo khoziaistva RSFSR and TsK Psotsloza tabachikh kommunal'no-bytovykh predpriyatiy [Ministry of Communal Services of the USSR and the Central Committee of the Trade Union of Workers of Communal Service Enterprises] Moscow, vol 10, no 9, Sep 1965

- Table of contents translated
- Klopotov, K. - Increase the production of the large-scale chemical industry. p. 1
- Ivanov, A. - In the capital of Odessa. p. 2
- Koklushkina, V. - The concern of all. p. 4
- Makhtovskii, I. - Mechanisms for repairing floors p. 7.
- Svistanov, G. - T-25 tractor with mounted equipment for road construction. p. 9
- Adjustment for hydraulic testing of the cast iron threaded pipes of a water economizer. p. 11
- Dentsev, V., Gombart, L. I., Iasovskii, S. - Use of polymer materials and synthetic adhesives in public utilities. p. 12
- Smirnov, D. - Give a better organization to the maintenance of apartment houses. p. 14
- Mukomov, S. - Activity of all is the guarantee of success. p. 15
- Odnitsov, S. - Reducing unjustifiable expenses. p. 16
- Khalilov, F. - Housing management offices provide service to cooperative houses. p. 17
- Sapozov, V. - With the public help. p. 18
- What was discussed in debates. p. 19
- Golant, Sh. - Use of polymer materials in the repair of residential houses. p. 20
- Lysova, A. - Roofs of residential houses from glass reinforced plastic. p. 22
- Minskii, N. - A higher fine is necessary. p. 24
- Bakhtin, M. - It is necessary to be more strict. p. 24
- Chesnokov, B. - Insulation of underground gas pipelines by glass fiber materials and adhesive tapes. p. 25
- Belodovskii, I. - Maintenance of gas conduits from polyethylene pipes. p. 26
- Porjadin, A. - Operation of water supply networks may be improved. p. 26
- Ivontsev, V. - Use of polymer materials in Noril'sk p. 27
- Kaurov, V. - In cooperation with scientists. p. 28
- Use of epoxy resins in the assembly and repair of sanitary engineering equipment and pipelines p. 28
- Vol'vak, N. - Removal of old paint from rolling stock by a chemical method. p. 29
- Sychovskii, I. A. - A new hotel in the capital of the Ukraine. p. 31
- Urobin, N. - They have been building a hotel for three years. p. 32
- Mezhumova, R., and others - Chemistry in laundries. p. 33
- Gusheva, V. - Construction of hotels should be under unremitting control. p. 34
- On the work of permanent production conferences p. 34
- Mannushkin, L. - Our guests from Copenhagen. p. 35
- New standard staffs for administration of the water supply and sewerage, gas supply and housing. p. 36
- Instructions on planning continuous repair of residential buildings. p. 39.

ZHILISHCHNOE STROITEL'STVO [HOUSING CONSTRUCTION] Organ of Gosudarstvennyi komitet po grazhdanskomu stroitel'stvo i arkhitekture pri Gosstro SSSR and Tsentral'noe upravlenie NTO stroitel'noi industrii [State Committee for Civil Engineering and Architecture, Attached to the State Committee for Construction in the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Building Industry] Moscow, no 8, 1965

- Table of contents translated
- Decisions of the March Plenum should be put into practice. p. 2
- Vasil'ov, D. - New type of students' hostel. p. 3
- Keller, E. - Designing pedestrian's walks and transportation roads for a microdistrict. p. 9
- Effect of heated buildings on the depth of ground freezing. p. 12
- Gavrilov, N., Valsman, E., Krotovskii, S. - Study of precast blocks for apartment houses. p. 13

- Gol'dshteyn, G., Romanov, A. - Gypsum cement concrete panels for floor foundations. p. 18
- Sementsov, S. - Using sand lime blocks in housing construction. p. 19
- Shakhtai, N. - Spacing between buildings on slopes of various exposures and steepness. p. 21
- Rogovoi, M. - Cascade ceramics in the construction industry. p. 24
- Vakulenko, G. - Water covered roofs. p. 26
- Smirnov, V. - Heating elements in exterior foamed slag concrete panels. p. 27
- Anastasio, Khilolo. - Development of housing construction in Bulgaria. p. 28
- Sergeev, A. - Buildings constructed by a method of lifting stories and roofs. p. 31.

ELECTRICAL ENGINEERING

A TOMNATA TEKHNIKA ZA RUBEZHOM [NUCLEAR ENGINEERING ABROAD] Issued by Gosudarstvennyi komitet po ispol'zovaniyu atomnoi energii SSSR [State Committee for the Utilization of Atomic Energy in the U.S.S.R.] Moscow, vol 9, nos 9-11, 1965

- *AVTOMATIKA I TELEMEXHANIKA [AUTOMATIC AND REMOTE CONTROL]** Issued by Institut avtomatiki i telemekhaniki Akademii nauk SSSR [Institute of Automatic and Remote Control of the Academy of Sciences of the U.S.S.R.]. Moscow, vol 26, no 9, Sep. 1965
- Table of contents translated
- Srazedimov, T. K. - Analytical design of controllers for processes with distributed parameters. p. 1401
- Orkina, E. I. - Stability of nonlinear servo systems with asynchronous motors. p. 1490
- Mikhailov, N. M., Novosel'tseva, Zh. A. - Optimal processes in a third-order system with complex poles. p. 1502
- Belostotskii, A. A., Val'denberg, I. U. S. - Optimization of a discrete industrial process by making a prediction analysis on a control computer. p. 1514
- Fridman, V. P. - Calculation of a realizable transfer function of a closed-loop automatic control system using the minimum criterion of the root-mean-square error. p. 1524
- Baikovskii, V. M. - Use of the harmonics balance method in studying unitary-code automatic control systems. p. 1533
- Gurin, I. S., Rastrigin, L. A. - Convergence of a random search method under noise conditions. p. 1546
- Plinskii, L. Sh. - Selection of a maximal system of constraints. p. 1553
- Tikhonov, V. I., Stakhin, D. I. - Statistical characteristics of automatic phase frequency trim. p. 1563
- Pen'kov, N. V. - Method for calculating the pulse parameters of ferromagnetic substances with rectangular hysteresis loops. p. 1573
- Vasil'eva, N. P., Gashkovets, I. - Conditions of the precise realization of sequential functions using different sets of real logical elements with consideration of delay. p. 1578
- Kashimov, R. S., Subbotina, G. V. - Analysis of the stable transmission of ones in a magnetic shift register during change in cycle currents. p. 1592
- Vekster, A. Z., Semenko, N. G. - Study of a two-cycle instrument voltage converter using ferrites and transistors. p. 1599
- Malev, V. V. - Reliability of protective devices. p. 1606
- Polonnikov, D. E. - Method for analyzing the errors of an operational amplifier invariant in respect to its mathematical operation. p. 1614
- Bogdan, R. D. - Method for constructing wide-band d.c. amplifiers with transformation. p. 1617
- Churkin, V. M. - Reaction to a step input of a choke coil actuating mechanism with inertial load taking into account the compressibility of liquid. p. 1626
- Alekseev, O. G., Staroseleta, V. G. - Algorithmization of optimal selection of parameters of complex systems for the control of their operational capability. p. 1631
- Vasilevskii, V. I. - Majorly decomposition. p. 1639
- Mozharov, R. V. - Sign of the completeness of a system of functions in the algebra of logic. p. 1644
- Terezhchenko, A. F. - Highly sensitive pulse modulators using transistors. p. 1646
- Zakharov, B. A., Potekhin, A. M., Udanov, B. V. - Effectiveness of negative feedback in a logarithmic current amplifier. p. 1649
- Frolov, V. S. - Features of the errors of gyro-stabilizer consisting of float-type gyroscopes. p. 1651

Vol. 26, no. 10, Oct. 1965.

- Table of contents translated
- Alshkov, I. U. Z. - Method of sequential approximations for the solution of variational problems in flight mechanics. p. 1657
- Shigin, E. K. - Automatic control of an object with pure delay by a controller with switched parameters. Part 1. p. 1664
- Paracel, I. U. I. - Optimum control processes with stochastic feedback. p. 1672

- Kostake, N. N. - Problems of the theory of optimization of industrial processes. p. 1682
- Klokov, I. U. L., Zhuravlev, L. V. - Method for evaluating the conditional damping time of the correlation functions of a certain class of random processes. p. 1693
- Gorskii, A. A. - Formulas for calculating the mathematical expectation and dispersion of the evaluation of the spectral density of a stationary random process. p. 1703
- Sysoev, L. P. - Evaluation of the parameters of signals modulated by random processes. p. 1709
- Leonov, N. N. - Contribution to the theory of a simple self-oscillatory type optimizing control system. p. 1720
- Baryshnikov, I. U. A., Pechorina, I. N. - Use of a spectrum analyzer in a two-dimensional adaptive system. p. 1728
- Sakharov, M. P. - Pulse method for determining the frequency characteristics of sampled-data control systems. p. 1737
- Liubinskii, I. A., Pozin, N. V. - Modeling of information processing in a neuron. Part 1. Mathematical and physical process of impulse generation. p. 1746
- El'darov, E. A. - Analysis of the expediency of the use of electric power distribution networks in the capacity of communication channels using the theory of games technique. p. 1757
- Koskin, A. I. - Optimization of reliability and structure of hierarchical control systems. Part 1: Optimization of reliability. p. 1764
- Gonshchenko, E. I. - Synthesis of switching circuits. p. 1771
- Priangishvili, I. V., Babicheva, E. V., Ignatushchenko, V. V. - New principles for the realization of logical and computing devices based on uniform micro-electronic structures. p. 1781
- Kalkov, F. A. - Multiple-step error-correcting codes with simple construction of decoder circuits. p. 1793
- Zubova, A. F. - Cold reservation with restoration. p. 1800
- Blinov, L. N., Mozgalevskii, A. V. - Choice of system parameters for automatic fault detection. p. 1809
- Shestakov, O. V. - Evaluation of the quantity of lost demands due to unreliability of the servicing equipment. p. 1813
- Petrov, B. K., and others. - Precision-type pulse-time multiplying and dividing devices using transistors. p. 1818
- Chistov, V. P. - Conditions for the realization of transistorized threshold circuits. p. 1824
- Anisimov, V. L., Golubev, A. P. - Selection of the optimal frequency characteristics of operational amplifiers using transistors. p. 1832
- Lazarev, V. G. - Method for minimizing a logical circuit of an algorithm. p. 1838
- Guvich, I. S. - Efficiency of discrete elements. p. 1845
- Stepanov, I. U. V. - Principles of the optimum control of second-order systems with varying load torque and number of constraints in operation with a cyclic program. p. 1853
- Raspupov, B. M. - Optimal response time for uncorrelated heat and mass transfer processes. p. 1857
- Beslav, I. Z., Feldman, A. V. - Programming of acceleration and deceleration for the program control systems of electric drives. p. 1862
- Dobryshchik, B. N. - Conditions for undistorted signal reproduction at the output of a filter with lumped constants. p. 1867

AVTOMATIKA [AUTOMATIC CONTROL] Issued by Institut kibernetiki Akademii nauk USSR [Institute of Cybernetics of the Academy of Sciences of the USSR] Kiev, vol 10, no 4, 1965

- Table of contents translated
- Barinskii, L. L., Dem'ianchuk, V. S. - Reliability of doubled systems taking into account the nature of switch faults and the control network. p. 3
- Dekhtarev, P. I. - Effects of the deviation of the parameters of linear systems with indirect measurement of perturbations. p. 10
- Vasyl'ov, V. I., Svel'skii, B. K. - Accuracy of predicting systems. p. 21
- Kozubovskii, S. F. - Autocorrelation and spectral methods for measuring speed of motion. p. 31
- Lapa, V. I. - Composite method for the prediction of nonstationary random processes. p. 37
- Chekhov, I. U. M., Kerekesner, T. P. - Algorithm for teaching an open-loop optimizing control system the correct recognition of situations. p. 44
- Kostobryzov, V. S., Kravchuk, E. M. - Automatic control of a process of mixing of several components. p. 55
- Luchuk, A. M. - Operation of a phase-sensitive keying circuit with capacitive load in selection networks. p. 60
- Skyta, B. K. - Interference rejection in the transmission of remote control signals with group distribution and alternating quality codes. p. 65
- Volkovich, V. L. - Determination of optimal weight coefficients of a discretely distributed receiving device. p. 72

- Kudachov, V. P., Pirra, I. K., Khushcheva, N. V. - Calculation of the "Alfa" cognitive system using its influence. p. 76.
- Kudachov, V. P., Pirra, I. K., Khushcheva, N. V. - Approximation of empirical correlation functions calculated from experimental data. p. 81.
- Kudachov, V. V. - Analysis of automatic control systems using signal flow graphs, graphical method. p. 87.
- Third All-Union Conference on the Invariance Theory and Its Application to Automatic Control Systems. p. 93.
- ЭЛЕКТРИЧЕСКИЕ СТАНЦИИ [ELECTRIC POWER STATIONS]** Organ of Gosplan SSSR [State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 36, no. 10, Oct. 1965.
- Table of contents translated:
- Drozhzhov, A. I., Mikhlasov, A. M. - Assembly-line methods in production are the basis for power engineering construction. p. 2.
- Batenko, V. P., and others. - Ion-exchange filters with compound operation in power blocks with 300 Mw ratings. p. 8.
- Bravin, L. S., Churilov, A. G. - Selective control system in a 200 Mw block. p. 15.
- Khramov, M. E., Enikun, I. U. P. - Burning of sulfur-bearing mazut with small air excess. p. 20.
- Rubtsov, B. P. - Gridless steam scrubbing system. p. 24.
- Furman, S. F. - Effectiveness of increasing the operating period between general overhauls of boiler and turbine equipment of electric power plants. p. 27.
- Rapoport, V. E., Kovaleva, A. L. - Magnitude of heat loss due to incomplete combustion in pulverized coal furnaces. p. 31.
- Man'kina, N. N., Kostikina, I. U., Stavitskiy, I. A. - Flushing of the blade apparatus of a turbine using hydrazine-hydrates. p. 32.
- Lapshin, R. A., and others. - Possibility for regenerating oils inhibited by an additive. p. 34.
- Rubtsov, A. D. - Electric power plant mounted on railroads for electric power and heat supply. p. 36.
- Tikhonov, B. A., Zhukin, N. A. - Study of the effectiveness of the modernization of the PT-25/30/10 turbine. p. 40.
- Dvornikov, A. F. - Determination of the effect of the load graph on fuel consumption. p. 44.
- Poliak, N. A. - Asynchronous characteristics and related parameters of present-day large double-pole turbogenerators. p. 45.
- Abolin, I. U. IA. - Dispatcher station of an interconnected electric power system. p. 53.
- Polishkin, N. P. - Automatic group control of hydraulic turbine and generator units. p. 56.
- Bobrovskiy, V. M., Radlov, I. A. V. - Disconnecting and switching-in of an idle transformer using a 500 kv disconnecting switch. p. 59.
- Rabotov, E. IA. - Long vertical electrodes for the grounding stages of electric substations. p. 64.
- Pepov, P. A. - Mechanism of calculation of wires using the equation of state with variation of parameters. p. 68.
- Lelev, L. N., and others. - Organization of the operation of complex electrical networks. p. 72.
- Lebedev, F. M. - Joint burning of anthracite culm and natural gas. p. 77.
- Abramyan, Sh. G., Golubchik, G. IA., Malin, A. P. - Network for measuring the total active power of an electric power plant. p. 78.
- Bolotov, I. I. - Device for the self-synchronization of generators. p. 78.
- Gelfand, I. A. S. - Power supply units and charging devices for relay protection and automatic control equipment. p. 82.
- Svinunov, G. A. - New transformer substations for the power supply of construction sites. p. 82.
- Shur, I. U. B. - Cleaning of insulators by means of compressed air. p. 82.
- Suslov, O. V. - Defects of the overvoltage protection circuits of power transformers. p. 83.
- Liberman, A. IA. - Concerning P. D. Prots'ev's article "Use of long 110 kv. power transmission line spans on river crossings". p. 84.
- Naifeld, M. R. - Grounding devices of electric substations. p. 85.
- Results of the Third All-Union Public Review of the Fulfillment of Scientific Research Plans and Use of Scientific and Technical Innovations in the National Economy in 1964. p. 87.
- Use of cable coupling sleeves and sealings at 1-10 kv. potentials. p. 88.
- New method for reviving the body in injury from an electric current. p. 90.
- Artamonov, I. I. - Continued automation of thermal processes in the electric power plants of the Tula Electric Power System. p. 91.
- Leading instructions on overvoltage protection of a.c. systems with 3-500 kv. ratings. p. 93.
- Nemov, A. P. - Fiftieth anniversary of the Moscow Electric Utility System. p. 7.
- Puzner, S. L., Riasentsev, A. M., Chistakov, G. I. - System for the analysis of the economic effectiveness of repairs in electric power stations. p. 11.
- Atkhapov, A. M., Zhdanov, V. I., Rogatskiy, B. S. - Presalt cleaning of water and steam conduits of a 300 Mw block. p. 14.
- Zhukov, I. T., Puletaev, A. V. - Performance of round turbulent burners in the furnace of the 7P-230-2 boiler operating on anthracite culm. p. 20.
- Avdeeva, A. A., Pollatskiy, M. A. - Accuracy of the determination of combustible components in combustion products. p. 25.
- Rubtsov, V. IU. - Choice of alternatives in redesigning draft and blast machines. p. 28.
- Sokolov, C. IA., Veshinskiy, V. P. - Methods for calculating open heat supply systems in absence of automatic control equipment at consumers' entrances. p. 31.
- Sazanov, B. V., Miagkov, A. A. - Methods for calculating the efficiency of heat regeneration in steam and gas systems. p. 36.
- Krasovskiy, B. M. - Regulation of thermal networks according to heat variations of the heated dwellings. p. 40.
- Syromiatnikov, I. A. - Determination of the installed power of the power plants of consolidated power systems. p. 42.
- Lyannova, O. V., and others. - Effect of asynchronous motors on short-circuit currents in a system supplying self-needs of power plants. p. 48.
- Dorf, G. A., Iutchenko, V. D. - Speed of voltage recovery in power systems and requirements of 110-220 kv switches. p. 54.
- Rabkova, E. IA., Voronina, A. A. - Grounding stages of high-voltage substations. p. 60.
- Glazunov, A. A., Fokin, I. U. A. - Calculation of completely coupled municipal power networks with ratings up to 1000 volts. p. 63.
- Kesel'man, L. M., Zolchenko, A. S. - Weight and wind spans between towers in mountainous areas. p. 68.
- Kalanlar, N. G. - Use of transformer insulating oils in municipal power distribution systems. p. 72.
- Vasil'ev, A. A. - Organization of the operation of electrical networks. p. 75.
- Atkhapov, V. E. - Utilization of heat from scavenging and drainages of a thermal electric power plant. p. 82.
- Zaitsev, V. M. - Dependence of the angular velocity of electric motors on the resistance of the excitation circuit. p. 83.
- Galanov, M. M., Kolobrodov, V. T., Fotostim, P. I. - Increasing the excess pressure of hydrogen up to 1 atm. in TV-50-2 turbogenerators. p. 84.
- Kutakovskiy, V. B. - Locating winding rods of electrical machines with increased leakage current. p. 85.
- Bukhov, V. M., Sergeev, I. U. G. - Magnetic registers using ferromagnetic tape. p. 86.
- Poliakov, S. I. - Shortcomings of the disconnecting electromagnets of PS-10 drives. p. 87.
- Ruskin, K. E. - Are safety fuses in single-phase 35 kv. transformers necessary? p. 87.
- Duturov, A. A. - Protection from binary short-circuits to ground in a 35 kv. network. p. 88.
- Valshstein, V. I. - Experience in the use of hydrazine. p. 89.
- IAkov, A. I. - Effective design parameters of complex grounding systems. p. 91.
- A. D. Romanov, on his 60th birthday. p. 94.
- I. V. Feodorov, obituary. p. 95.
- * ЭЛЕКТРИЧЕСТВО [ELECTRICITY]** Organ of Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 9, Sep. 1965.
- Table of contents translated:
- Postnikov, I. M. - Calculation of a traveling electromagnetic field in a lamellar conductive medium. p. 1.
- Chilkin, M. G., Arakellian, A. K., Afanas'ev, A. A. - Some features of a collectorless d.c. drive. p. 7.
- Voronetskiy, B. D. - Overall automation of industrial electric drives. p. 12.
- Kholmiskiy, V. G. - Optimization of flow distribution in closed-loop electrical networks with a high degree of nonuniformity. p. 16.
- Poliakov, L. M., Rashkovich, M. P. - Special features of closed-loop speed control systems using excitation flux changes. p. 21.
- Kareev, R. I. - Calculations of electric network taking into account voltage inequalities. p. 26.
- Slubenko, V. A., Braslavskiy, I. A., Kulsh, V. V. - High-speed d.c. drive using p-n-p-n devices regulated by a digital servo system. p. 31.
- Fabrizant, V. L. - Use of the reliability theory in the evaluation of relay protection systems. p. 36.
- Zut, N. M., Kullov, F. A. - Operational reliability of automatic relay systems of electrical power distribution networks. p. 40.
- Smirnov, E. P. - Approach to the calculation of the reliability of relay protection systems. p. 44.
- Khasaev, O. I., Koslov, O. A. - Voltage regulation in a system consisting of a transistorized inverter and asynchronous motor. p. 50.
- Kaplan, V. V., Mashayev, V. M., Pogoda, V. A. - Method for compensating losses in a load during the formation of plane current impulses in an experimental system. p. 55.
- Rogolubov, V. I., Zharkov, T. P., Gusev, G. G. - Calculation of minimal losses in a circuit containing a ferromagnetic remagnetized by a charged condenser. p. 60.
- Zhukavlyev, V. G. - Abbreviated statement of an equation of optimum load distribution between electric power plants interconnected by a uniform electrical network. p. 62.
- Troitskiy, V. A. - Transformers with magnetic switching of the turns of regulated windings. p. 64.
- Man'kin, C. A., Morozov, D. N., Alexeev, A. V. - Distribution of leakage flux and additional losses in the cores of large transformers under load conditions. p. 68.
- Spravkov, P. I. - Determination of the design resistance of a grounding loop. p. 71.
- Lokshin, M. V. - Effect of inductance and losses in steel on the errors of the measurement of $\tan \delta$ and C_x in transformer winding insulation. p. 76.
- Lomazov, D. B. - New regulations for the protection of underground structures from corrosion. p. 79.
- Kitashin, V. G. - Determination of energy losses during reverse power flow. p. 82.
- Chernin, A. B. - Composition of equivalent circuits of zero-sequence parallel lines for some special cases of hookups. p. 83.
- Gorodnitskiy, M. D. - Assurance of safety in the use of electric household appliances and apparatus. p. 86.
- Alekseenko, G. V., and others. - Professor A. G. Iosif'yan, on his 60th birthday. p. 88.
- Bogoroditskiy, N. P., and others. - Professor B. P. Kozirev, on his 70th birthday. p. 89.
- Professor E. M. Shchepilov, on his 60th birthday. p. 89.
- To the attention of the readers of "Elektrichnost". p. 91.
- No. 10, Oct. 1965.
- Table of contents translated:
- Voronin, A. V. - Technical and economic effectiveness of the electrification of railroads transportation and prospects for its development. p. 1.
- Gerasimov, B. E. - Development and analysis of external power supply systems for electric traction. p. 8.
- Likhova, I. V., Stoyev, V. A. - Approximate determination of maximum power transmitting capacity of a distant power plant and adjustment of automatic excitation regulation according to deviations in potential. p. 11.
- Lukashov, E. S. - Effect of transients in a line on the stability of long-distance power transmission lines. p. 16.
- Kashkovskiy, I. K. - Consideration of the time factor in the selection of a high-voltage power transmission line taking into account its future operation. p. 20.
- Bratko, S. M. - Premature aging of the insulating materials of a high-voltage cable. p. 26.
- Mikulskiy, G. V. - Transmission of high-frequency signals of a relay protection system through tapped high-voltage transmission lines. p. 33.
- Diovis, S. I. - Some qualitative and quantitative relationships of the power load graphs of industrial enterprises. p. 42.
- Andrianov, V. N., Byutskiy, D. N. - Start of squirrel-cage induction motor from an autonomous power supply unit. p. 48.
- Fernandes, Kh. Prado, El'kind, H. M. - Effect of the electromagnet torque and magnetic forces on the oscillations of the stator windings of asynchronous machines. p. 52.
- Gubenko, T. P., Filits, R. V. - Calculation of the characteristics of symmetrical modes of induction motors with excitation from static condensers. p. 58.
- Gendel'man, B. R. - Study of the electric drive of the shafts of reversing blooming mills. p. 62.
- Rudachovskiy, V. T., Klimko, R. S. - Formation of a trapezoidal current diagram for a reversing generator-motor system with the presence of transients. p. 67.
- Pertsev, A. A. - Distribution of the electrical strength of the discharge gaps of mercury rectifiers. p. 76.
- Lar'ev, B. I. - Mathematical modeling of magnetic leakage fields of transformers and reactors using electrically conductive papers. p. 80.
- Gratsyanov, I. U. A., Rubtsov, A. G. - Highly sensitive palladium-platinum alloys. p. 86.
- Panchenko, A. M. - Determination of the required number of measurements in the experimental determination of electrical loads. p. 88.
- Medvedev, S. K. - Some critical remarks on I. G. Esikov's article "Distribution of the intensity of an electric field in a cylindrical condenser." p. 89.

ELI KIROVNIKA BOL'SHIKH MOSHCHNOSTI [HIGH-POWER ELECTRONICS] Issued by Fizicheskaya laboratoriya Akademii nauk SSSR [Physics Laboratory of the Academy of Sciences of the U.S.S.R.] Moscow, no 1, 1965

Table of contents translated

- Kapitsa, P. L. - Transformers of H waves into F waves. p. 7.
 Kapitsa, P. L., Prokhorov, L. A. - Experimental study of a transformer. p. 53.
 Bykov, V. P. - Geometrical optics of three-dimensional vibrations in cavity resonators. p. 66.
 Vainshtein, L. A. - Radiant fluxes in a bifocal ellipsoid. p. 93.
 Vainshtein, L. A. - Diffraction in cavity resonators with confocal mirrors. Part 1. p. 105.
 Vainshtein, L. A. - Diffraction in cavity resonators with confocal mirrors. Part 2. p. 130.
 Vainshtein, L. A. - Diffraction in cavity resonators with confocal mirrors. Part 3. p. 148.
 Vainshtein, L. A. - Excitation of electromagnetic vibrations in cavity resonators. p. 157.
 Tsiplunuk, I. U. M. - Trial body in a cavity resonator. p. 173.
 Kapitsa, S. P. - The continuous microton. p. 178.
 Kosharev, E. L. - Electron buncher and accelerator. p. 190.
 Papitsa, P. L. - Absolute measurements of a high-frequency field in a resonator. p. 206.
 Prudkovskii, G. P. - Motion of electrons in a two-row magnetron. p. 212.

ELEKTROTEKHNIKA [ELECTRICAL ENGINEERING]

Issued by Gosudarstvennyi komitet po elektrotekhnike pri Gosplane SSSR [State Committee for Electrical Engineering, Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol 36, no 10, Oct 1965.

Table of contents translated

- 75th anniversary of the Kharkov Electric Machinery Plant. p. 1.
 Borisenko, A. I., and others. - Study of the heat emission of electrical machines with medium power ratings. p. 3.
 Bortnov, A. I., Andreev, V. G., Golubenko, I. A. - Magnetic field distribution in brushless electrical machines with externally short-circuited magnetic circuits. p. 8.
 Izraelov, S. I. - Start of a brushless synchronous motor with rotating semiconductor rectifiers. p. 12.
 Pliushch, B. M., Ryskin, L. I. - Performance of the slide contacts of d.c. motors in a liquid dielectric media. p. 14.
 Man'kin, E. A., Morozov, D. N., Alferova, A. V. - Additional eddy current losses in transformer windings. p. 16.
 Poyvolotskii, L. A., Zlatkin, B. R. - Methodology for consolidated determination of the cost of power transformers. p. 18.
 Shubenko, V. A., Shchepel, R. T., Likhoshorst, V. I. - Construction of converters for frequency speed regulation of electric drives. p. 23.
 Zdrak, A. G., Baltulin, A. A. - Analysis of the operation of magnetic amplifiers with self-excitation and active inductive loads. p. 27.
 Shota, S. M. - Phase of the origination of inverse firing in high-voltage ionic rectifiers. p. 30.
 Dynakovskii, N. V., Milovanova, I. U. V. - Electrical contactors for relays used in railroad transportation. p. 33.
 Medvedev, I. G., Savchenko, P. A., Mikhailov, I. U. I. - Mechanization of winding operations using enamel-coated wires. p. 35.
 Zakarev, A. P. - Oxidized aluminum wires for asynchronous electric motors. p. 38.
 Pantelev, I. B., Chubukov, I. U. F., Kudinov, V. G. - System for testing electric motors with low power ratings. p. 40.
 Siskil'ko, G. I. A. - Improvement of a system for the design documentation of electric motors of a unified series. p. 44.
 Bidorov, O. P. - Thermal design of electrical machines. p. 49.
 Khvostov, V. S. - Quality of commutation and selection of current density beneath brushes. p. 51.
 Alekandrov, G. N., Kizeveller, V. E. - Study of the electrical strength of long suspension insulator chains at ordinary potentials. p. 55.
 Lytaev, R. A. - Selection of the parameters of RC circuits in a network consisting of a double-star and equalizing reactor. p. 59.
 Dikumbeg, V. A., Kalmykov, S. A. - Power engineering approach to the study of equipment drying processes using an electric current. p. 62.
 Mukosov, I. U. L. - Current conductors with 500 cycle frequency in the excitation circuits of power generators. p. 64.

ENERGIKA [ELECTRIC POWER TECHNICIAN] Issued by Gosudarstvennyi proizvodstvennyi komitet po energetike i elektrifikatsii SSSR and Tsentral'nyi komitet proizvodstva i tekhnicheskikh elektromashin i elektromyshlennosti [State Production Committee for Power and Electrification of the U.S.S.R. and the Central Committee of the Trade Union of Workers of Electric Power Stations and the Electrical Industry] Moscow, vol 13, no 10, Oct 1965

Table of contents translated

- Simochkov, N. P. - For high-quality work in power engineering enterprises. p. 1.
 Winners of an all-Union competition of power engineering workers, results of the second quarter of 1965. p. 3.
 Korshunov, A. P. - Choice of an economical size for grounding devices. p. 4.
 Gorbenko, V. I., Sereda, A. P., Divydenko, M. N. - Study of a water cooling tower with a dipping film-type sprinker. p. 5.
 Pomnichil, R. I. - Increasing the operational efficiency of output cyclones. p. 8.
 Popov, V. B. - Utilization of the firing heat of the boilers of thermal electric power plants. p. 9.
 Kalmykov, A. A. - Our method for repaling water heating boilers. p. 10.
 Lebedev, V. A., and others. - Conversion of the control system of the AP-25 turbine to hydraulic operation. p. 11.
 Gorbatenko, S. S. - Automatic regulator of condensate level in turbine condensers. p. 15.
 Katsenko, N. E. - Rebuilding of the heads of internal combustion engines. p. 18.
 Gochev, V. S., Motchadskii, M. T. - Preventing air leakage into a classifier. p. 16.
 Mittel'man, M. I., Shelapov, V. A. - Redesigning of a turbogenerator ventilation system. p. 17.
 Marfin, N. I. - Connection of branch lines to main power distribution lines. p. 18.
 Kolosov, N. I. - Checking the state of galvanometers of the N-700 oscillograph. p. 20.
 Merinov, A. N., Roznik, E. V., Stuklovskii, S. A. - Nomogram for determining the power of a compensation device. p. 23.
 Musakov, T. P. - Number of insulators on the poles of overhead lines crossing railroad tracks. p. 23.
 Volintsev, F. I. - Grounding of the guard wires of 400-500 kv. overhead power transmission lines. p. 24.
 Bol'shakov, V. A. - Grab-jack. p. 26.
 Khrushch, V. M. - Use of synthetic adhesives in power distribution systems. p. 27.
 Special features of the operation of condenser banks. p. 29.
 Voltage ratings for industrial equipment. p. 29.
 Through the pages of trade journals. p. 30.
 In the Technical Council of the State Production Committee on Power Engineering and Electrification of the U.S.S.R. p. 31.
 Repair and production depots of electrical power distribution networks. p. 31.
 Automation of voltage regulation in electrical networks. p. 31.

ENTROKHOZIASTVO ZA RUBIZHOM, prilozhenie k zhurnal "Elektricheske stantsii" [ELECTRIC POWER PRODUCTION AND UTILIZATION IN FOREIGN COUNTRIES, Supplement to the Periodical "Electric Power Stations"] Issued by Gosudarstvennoe energeticheskoe izdatel'stvo [State Power Engineering Publishing House] Moscow, no 5, Sep.-Oct 1965

PROMYSHLENNAYA ENERGIKA [INDUSTRIAL POWER] Organ of Gosudarstvennyi proizvodstvennyi komitet po energetike i elektrifikatsii SSSR and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [State Production Committee for Power and Electrification in the U.S.S.R. and the Scientific Technological Society of the Power Industry] Moscow, vol 20, no 10, Oct 1965

Table of contents translated:

- Aronov, I. Z., Zolbin, V. S. - Contact-type gas operated economizers for efficient heating of water. p. 2.
 Ivanov, A. M. - Some means for saving electric power in the textile industry. p. 7.
 Borodin, N. I. - Seasonal changes in the insulation resistance of cable networks in mine sections. p. 9.
 Grefnukh, M. V. - Classification of electric power recipients according to category and reliability of electric power supply. p. 12.
 Kuz'minov, N. A. - Operation of the mazut department of the Cherepovets Metallurgical Plant. p. 14.
 Puptsev, S. A., Shmelev, V. A. - Operation of nitrogen-water air cooling system for an oxygen plant. p. 15.
 Dornan, E. L., Shekhter, A. I. - Corrosive effect of gases used in the waste heat boilers of the sulfuric acid industry. p. 20.
 Raevskii, B. A., Ziganshin, R. M. - Self-start of asynchronous motors during the automatic switching-in of reserve. p. 28.

Zverev, P. N. - Accounting for the gas consumption of industrial plants. p. 27.

Gil'blit, G. S., and others. - Electric power supply of oil well drilling rigs. p. 28.

Aksenov, I. B. - Method for calculating reliability in electric power distribution systems design. p. 35.

Nalfo'd, M. R. - Resistance value of a grounding device and equalization of potentials in systems with ratings in excess of 110 kv. p. 40.

Shestikhin, O. F. - Automatic control of a multi-chamber tubular furnace. p. 41.

Aronov, N. Z., and others. - Electrical model of a piston-type compressor station. p. 43.

Timofeev, T. G. - Construction of power cable lines with potentials up to 15 kv. in France. p. 45.

In the factories. p. 48.

Proposed regulations for the operation of the electrical systems of power consumers. Electrical systems of the pulp industry. p. 49.

Ushinskaya, O. F. - Plenary session of a section on electrical safety of the Central Administration of the Scientific and Technical Society of the Power Industry. p. 54.

In brief about new developments. p. 55.

Discoveries and inventions. p. 57.

Liano, I. M. - Expediency of using low melting plugs in DKV boilers. p. 58.

Rodionov, A. S. - More on the shortcomings of standard designs of small boiler systems. p. 59.

Shatkin, A. N. - Simplification of secondary commutation circuits of imported electrical equipment. p. 60.

Through the pages of trade journals. p. 61.

Literature on industrial power engineering. p. 62.

Standardize series of control units of asynchronous motors with squirrel cage rotors. p. 62.

***RADIOTEKHNIKA [RADIO ENGINEERING]** Organ of Nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektrosv'язi im. A. S. Popova [A. S. Popov Scientific Technological Society of Radio Engineering and Telecommunications] Moscow, vol 20 no 5, May 1965

Table of contents translated

- Radio in the building of communism. p. 3.
 Potushenko, A. D. - Seventieth anniversary of the invention of radio. p. 5.
 Kochanov, N. B. - Approximation of given time functions using exponential polynomials. p. 10.
 Svidenko, S. S. - Probability of the transition of the phase of oscillations in a parametric generator subject to the action of a regular signal and fluctuation. p. 20.
 Zimin, D. B., Filinov, A. P., Dolzhenkov, A. A. - Flat-top switching antennas. p. 25.
 Kurilin, B. I. - Analytical calculation of the resonant frequencies of a line segment. p. 35.
 Zgirska, V. V. - Design of transistor amplifiers. p. 39.
 Koval'chuk-Ivanuk, I. U. V. - Temperature parameters of transistors and their use in calculations. p. 44.
 Nesteruk, V. F., Porfir'eva, N. N. - Constant reception of a pulse signal with random phase in the background of correlated noise. p. 53.
 Volterner, N. F. - Engineering and economically expedient level of reliability. p. 60.
 Segal, S. G. - Stability of a signal transmission process in a shift register using parametrons with a forced component of parametric oscillations. p. 66.
 Liubimova, T. F., Kanevskii, B. Z., Elkin, V. S. - Study of signal limiting in a regenerative frequency converter. p. 70.
 Chistinkov, N. I. - One hundredth anniversary of the International Union of Electrical Communication. p. 76.
 Conference of the readers of "Radiotekhnika" and "Elektrosv'яз'". p. 77.

***RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]** Issued by Akademia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol 10, no 10, Oct 1965

Table of contents translated:

- Mikhailovskii, L. K., and others. - Properties and use of single-axis magnetic ferrites in the millimeter band. p. 1739.
 Shakhmurov, V. V. - Determination of the lock band of an automatic phase frequency control system with a phase modulated reference signal. p. 1753.
 Bugaev, V. A. - Multichannel sequential detection with linearly increasing lower threshold. p. 1759.
 Mar'in, N. P. - Scattering of electromagnetic waves by an ionized trail in the form of a rotating paraboloid. p. 1765.
 Dankov, D. P. - Optimal procedures for teaching the acceptance of statistical decisions. p. 1774.
 Bliokh, P. V., Verbitskii, I. L. - Superdirectional radiation patterns of linear antennas. p. 1783.
 Barsukov, K. A. - Instability of the transverse oscillations of an oscillator moving in a nonlinear waveguide. p. 1792.
 Dorigin, I. A., Kurashov, V. M. - Modulation of a microwave field by means of a ferromagnetic resonance. p. 1797.

- Vinogradov, E. A., Dianov, E. M., Irlsova, N. A. - Mikelson interferometer for measuring the refractive index of dielectrics in the 2mm band. p.1804.
- Basov, M. G., and others. - Laser operating on a beam of hydrogen atoms. p.1809.
- Malyshev, V. A. - Study of the nonlinear characteristics of a complete equivalent circuit of a tunnel diode. p.1814.
- Gvozdozer, S. D. - Detection using a virtual cathode. p.1824.
- Borodovskii, P. A., Buldygin, A. F. - Study of a traveling-wave strophotron. p.1829.
- Vasil'ev, A. M. - Transient processes in photoelectric cells with longitudinal photoeffect. p.1839.
- Motzhes, B. Ia., Petrov, I. N., Sher, E. M. - Pulsed electrical conductivity of a porous oxide coating of a cathode. p.1845.
- Miselzhnikov, G. S. - Dispersion of waves in the pin-type delay system of a paramagnetic amplifier. p.1856.
- Breusova, L. N. - Potential gradient in a positive column with pulsed discharge feed. p.1865.
- Kucherenko, E. T., Saenko, V. A., Akhtyrskaya, E. V. - Nature of a reflector discharge in a magnetic field. p.1873.
- Avak'iants, G. M. - Properties of long diodes. p.1880.
- Pavlinov, A. B., Sabit'ov, V. A. - Some electrical properties of Ge and Si cord diodes. p.1887.
- Popova, M. V., Stafeyev, V. I. - Temperature dependence of static voltampere characteristics of N-triodes. p.1893.
- Potekhin, A. I. - One case of anisotropy. p.1900.
- Tanchev, I. N. - Analysis of nonlinear resonant systems. p.1901.
- Bogachev, V. M. - Synthesis of the equivalent circuits of a junction transistor with distributed parameters. p.1904.
- Berlin, A. S., and others. - Parametric amplification in the 8 mm. band. p.1907.
- Artem'ev, N. L., Kornilov, B. V. - Infrason, a new television transmitting tube. p.1909.
- Taubkin, I. I., Trishenkov, M. A. - Transient characteristics of longitudinal photoeffect. p.1910.
- Kogan, L. M., Meskin, S. S. - Electrical characteristics of GaAs p⁺-p-n diodes. p.1912.
- Buznikov, I. U. N. - Intrinsic ion conductance of polycrystalline aluminum oxide. p.1915.
- Kucherenko, E. T., Saenko, V. A. - Study of the energy spectrum of ions from a magnetic source. p.1916.
- Bakaev, I. U. N. - Applicability of stability criteria obtained by an averaging method to the study of automatic phase frequency control with proportionally-integrating filter. p.1919.
- REFERATIVNYI ZHURNAL AVTOMATIKA, TELEMATIKA I VYCHISLITEL'NAIA TEKHNIKA [JOURNAL OF ABSTRACTS: AUTOMATIC CONTROL, REMOTE CONTROL, AND COMPUTER TECHNOLOGY] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 10-11, Oct.-Nov. 1965.
- REFERATIVNYI ZHURNAL. ELEKTRONIKA I EEE PRIMENENIE [JOURNAL OF ABSTRACTS: ELECTRONICS AND ITS APPLICATIONS] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 10-11, Oct.-Nov. 1965.
- REFERATIVNYI ZHURNAL. ELEKTROTEKHNIKA I ENERGETIKA [JOURNAL OF ABSTRACTS: ELECTRICAL ENGINEERING AND ELECTRIC POWER] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 9-10, Sep.-Oct. 1965.
- REFERATIVNYI ZHURNAL. IADERNYE REAKTORY [Nuclear Reactors] (Separate Issue 50) Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no. 10, Oct. 1965.
- REFERATIVNYI ZHURNAL. RADIOTEKHNIKA I ELEKTROSVIAZ' [JOURNAL OF ABSTRACTS: RADIO ENGINEERING AND TELECOMMUNICATION] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no. 10, Oct. 1965. Predmetnyi ukazatel' za 1964 g. [Subject Index for 1964]
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestiia vysshikh uchebnykh zavedenii, elektromekhanika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Electrical Machinery and Apparatus]. Novochoerkassk, vol. 6, no. 8, 1965.
- Table of contents translated:
- Vul'fon, A. V. - Numerical method for determining transient processes of nonlinear automatic systems using digital computer based on the calculation of the convolution integral. p.841.
- Akopdzhanian, G. D. - Equivalent circuits for passive 2n-terminal networks. p.849.
- Bessonov, A. A. - Integrating and differentiating devices using transistors. p.854.
- Guzik, V. F., Glukhov, O. D. - Noise stable trigger circuit for lmc, operation. p.863.
- Aronov, M. I., Gusevskii, I. U. I. - Operational characteristics of a transistorized magnetic amplifier in the region of negative control currents. p.874.
- Doliatovskii, V. A., Sotnikov, E. M. - Some teaching principles and teaching by means of machines. p.881.
- Doliatovskii, V. A., Sotnikov, E. M. - Electromechanical teaching machine. p.891.
- Sokolinski, I. A., Mikhushchev, A. G. - The OM-9-5 teaching machine. p.895.
- Lakubovskii, V. Ia. - Low-frequency phase regulator. p.901.
- Kamen', L. I., Timoshuk, K. P., Plattietova, G. P. - Improvement of the interpretive system for operation with a floating comma on the "Minsk-I" electronic digital computer. p.905.
- Sidiakin, V. F. - Harmonic analysis using an analog computer. p.907.
- Kolomoitsev, L. F. - Determination of flux pulsations in an inductor generator. p.910.
- Serebriakov, A. N. - Consideration of intermittent current modes in modeling a regulated mercury rectifier and motor system. p.917.
- Pyrkov, V. V., Skovarov, V. E. - Stabilized rectifier controlled by saturable reactors. p.923.
- Bystrov, B. P., Liubutii, O. S. - Measurement of some parameters of sheet materials with variable thickness. p.931.
- Perchik, L. D. - Calculation of armature reaction in commutator-type pulse generators. p.937.
- Zinov'ev, G. S. - Geometric method for finding Fourier coefficients of a complex function composed of a series of prime functions. p.942.
- Izakov, F. Ia., Ivorshchenko, N. E. - Accuracy of sorting materials using drum-type electric corona discharge separators. p.946.
- Chugunov, L. N., Gikis, A. F. - Measurement of the viscosity of epoxide compounds. p.949.
- Astashevskaya, T. S. - Calculation of magnetoelectric torque transducers with similar change of their design parameters. p.952.
- Vol. 8, no. 9, 1965
- Table of contents translated:
- Fabrizant, V. I. - Calculation of transient processes of multi-motor d.c. drives. p.961.
- Nesgovorova, E. D., and others. - Frequency system for regulating the angular velocity of an asynchronous motor with fan load and auxiliary power supply. p.966.
- Kosylev, B. I., Skorospashkin, A. I., Obergan, E. F. - Potential at the output of an amplidyne operating on a.c. p.970.
- Prostakov, P. A. - Construction of the dynamic characteristics of a d.c. micromotor. p.980.
- Kanzik, P. I., Pukhov, A. A. - Semigraphical method for determining the mechanical and regulatory characteristics of two-phase controlled induction motors. p.985.
- Bakhovels, B. A. - Comparison of two systems for automatically regulating electric drives according to an optimum law. p.994.
- Tepikhichev, V. K. - Electrical drive of the program control system of a vertical drilling machine. p.998.
- Bortsov, I. U. A., Serebriakov, A. N. - Dynamic characteristics of the electronic amplifier of the automatic control system of a rolling mill. p.1002.
- Denslov, A. A., Shalygin, I. V. - Control network of an electromagnet using regulated silicon rectifiers. p.1012.
- Dinkel', A. D., Liubimov, E. V. - Synthesis of an optimal control system of a mine hoist drive. p.1022.
- Vul', I. U. Ia. - New control system for the drives of the EKG-8 excavator. p.1030.
- Perel'muter, M. M. - Electrical drives of a truck with suspended load. p.1036.
- Sokolov, G. G. - Analysis of the performance of the copying device in the servo drive system of the 6441-B copying milling machine. p.1040.
- Torbenkov, G. M., Skuridin, V. P., Ianko-Trinitskii, A. A. - Analysis of some sources of error in electronic impulse-type phase meters. p.1049.
- Pustynnikov, V. G. - General principle for shaping a multidimensional signal in multiple-frequency control systems. p.1056.
- Anisimov, S. D. - Effect of a flat metallic surface on the impedance of a superposed transducer in electromagnetic control. p.1063.
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestiia vysshikh uchebnykh zavedenii, elektromekhanika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Electrical Machinery and Apparatus]. Novochoerkassk, vol. 6, no. 8, 1965.
- Table of contents translated:
- Vul'fon, A. V. - Numerical method for determining transient processes of nonlinear automatic systems using digital computer based on the calculation of the convolution integral. p.841.
- ing, Moscow, vol. 8, no. 9, Sep. 1965.
- Table of contents translated:
- Pollakov, V. E., Skutelnikov, V. I. - High-speed structural short-circuit protection system of generators, transformers, and generator-transformer units. p.1.
- Cherivinskii, L. L. - Algorithm for basing the theory of application of approximation formulas in calculating power and efficiency. p.6.
- Ginternik, S. R. - Electromagnetic processes in a three-phase bridge-type converter with series connected condensers. p.13.
- Kovalov, I. S. - Calculation of the field of a symmetrical line. p.25.
- Leonkov, A. M. - Study of the structure of flow turbulence in a turbine stage. p.32.
- Raspuntin, A. L., Budkharin, N. N. - Study of gas turbine exhaust ducts. p.38.
- Kuzar'nov, S. I. - Study of the temperature conditions of the superheater pipes of boilers. p.47.
- Dzhigit, G. A. - Diagram for controlling derived stresses in the drum during the firing of a boiler. p.64.
- Melent'ev, V. M. - Resultant local angular radiation coefficient of an open cylindrical strip with finite height. p.61.
- Shevavolev, D. S. - Dissemination of standard methodology of the Academy of Sciences of the U.S.S.R. on dynamic models of electric power systems. p.67.
- Izbash, A. S. - Use of an electronic digital computer in the analysis of a multiple-factor process in spanning river beds by a filtering embankment. p.74.
- Fedin, V. T. - Determination of the static characteristics of some industrial loads. p.82.
- Dobrolubov, L. V. - Use of symbolic methods in the calculation of forced processes. p.85.
- Stepanchuk, K. F., Rzhavskaya, S. P. - Gas emission in transformer oil during the vibration of solid particles. p.87.
- Skachko, K. G. - Standard transistor amplifier stages. p.91.
- Stanishevskii, V. N., Palagin, V. A. - Equivalent circuits of electrical networks with thermionics. p.97.
- Lebedev, I. K. - Power expenditure on aerodynamic resistances of boiler components. p.101.
- Nikitin, V. M. - Effect of recovery, multiplicity of circulation, and grinding time of the product on the productive capacity and operation of hammer mills. p.105.
- Sochonov, V. N. - Generalized dependence of heat emission and resistance of tubes with wire flows in a longitudinal flow. p.109.
- Lavysa, A. I., Morozov, M. G. - Heat resistance of alloys used in the manufacture of gas turbines. p.115.
- Rotuch, V. Ia., Stafelchuk, B. G. - Effect of the parameters of drift of an object on the stability and quality of transient processes in systems with a Smith-type linear advance unit. p.119.
- Fedchenko, I. K., Kondia, B. N. - Modeling of overhead power transmission lines in the study of pulse corona. p.124.
- Vol. 8, no. 10, Oct. 1965.
- Table of contents translated:
- Gudimskii, P. G., Konfedorov, I. Ia. - Stability analysis of the Moscow Power Engineering Institute. p.1.
- Chernin, A. B. - Composition of zero and negative equivalent circuits for parallel lines with different potentials. p.10.
- Khrustalev, A. A. - Logical synthesis of a three-phase automatic reclosing device. p.16.
- Ageev, A. I. - Experimental determination of the frequency characteristics of synchronous machines. p.24.
- Pollunov, K. M., and others. - Study of the electrical characteristics of three-phase current transformers using single-phase mode techniques. p.29.
- Okolotin, V. S. - Design of liquefied gas pipelines for superconductive electric power transmission line systems. p.35.
- Shafitskii, V. I., Piskun, L. S. - Network for exciting a synchronous generator of a traction system. p.43.
- Kolach, T. A., Kupchikov, I. A. - Study of boiling in a thin film. p.50.
- Deich, M. E., Kislev, L. F., Krupenikov, B. N. - Effect of the angle of departure on the characteristics of annular turbine lattices with large fan pattern. p.56.
- Iablonskii, R. M., Markovich, E. E., Altshuler, I. F. - Motion of drops in the inter-row gaps of steam turbines. p.63.
- Aminov, R. Z. - Determination of an optimum cooling heating factor for presently planned steam and power plants. p.71.
- Shamamian, R. E. - Analysis of the operation of single-pipe heating systems in heating from central stations. p.70.
- Lyshevskii, A. S. - Stability of the motion of a liquid in rotary nozzles. p.84.
- Proskurjakov, K. N. - Determination of the parameters of a self-oscillatory process in a steam generating channel. p.94.
- Red'ko, I. U. P. - Statics of optimizing control in the conditions of optimization of Kaplan turbines. p.97.

- Lazarovich, L.C. - Calculation of annual runoff from inter using Chebyshev-Burns formulas, p.100.
- Akudis, M.M., Korzun, P.A. - Choice of the parameters of a voltage recovery circuit in systems for testing switches, p.105.
- Khusanov, Sh.N. - Graphical method for calculating circuits with shunted current, p.109.
- Krupnikin, I.A.M., Gokhshtein, M.B. - Effect of small additions of iron, nickel, and cobalt on the mechanical properties and electrical conductivity of aluminum, p.112.

SVETOTEKHNIKA [LIGHTING ENGINEERING] Organ of Gosudarstvennyi komitet po elektrotekhnike pri Gosplane SSSR and Tsentral'noye pravleniye Nauchno-tekhnicheskogo obshchestva inzhenerov i promyshlennosti [State Committee for Electrical Engineering, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Power Industry] Moscow, vol. 11, no. 10, Oct. 1965

- Table of contents translated
- Kluver, S.A. - Use of incandescent lamps with an iodine cycle in light fixtures, p.1.
- Samolovich, I.S. - Evaluation of mine lighting systems, p.6.
- Litvinov, V.S., Sokolov, L.S., Glebov, B.N. - Stable pulsed ignition of fluorescent lamps, p.8.
- Shishatskaya, L.P. - Iodine-filled incandescent lamp with great brightness, p.12.
- Lobimov, E.N., Sorkin, P.V. - Electroluminescent signals in color display systems, p.14.
- Vergun, G.G., Ramazanov, P.E., Furman, M.P. - Aging of the EL-510 electroluminescent in borosilicate enamels, p.15.
- Afanasev, E.I., Krasnopol'ski, A.E. - Characteristics of presently manufactured automatic start regulators, p.18.
- Gol'denbint, B.I., Raitse'ski, L.A. - Distribution of the rated voltage drop in lighting networks with consideration of minimal design expenditures, p.23.
- Knorring, G.M. - Reference materials for designing lighting systems with SKhM, PUN, GkKhR, GsKhR, and GkHr light fixtures, p.28.
- Makhov, E.V. - Development of electric lighting equipment industries in the U.S.A. in 1954-1965, p.30.
- Through the pages of foreign magazines, p.31.

VESTNIK SVIAZI [COMMUNICATION REVIEW] Issued by Ministerstvo sviazi SSSR and Tsentral'nyi komitet Profsoyuzov rabotnikov sviazi, rabochikh avtomobil'nogo transporta i shosseyskikh dorog [Ministry of Communication of the U.S.S.R. and the Central Committee of the Trade Union of Communications Employees and Workers of Automotive Transportation and Highways] Moscow, vol. 25, no. 8(305), Aug. 1965

- Table of contents translated
- Construction operations should be carried out rapidly and with high work quality, p.1.
- Fomenko, M.A. - Raise the level of the construction of communication means in rural areas, p.3.
- Takman, I.G. - Problems in the design and construction of automatic telephone exchanges, p.5.
- Idril', Z.I.A. - Use of selenium rectifiers instead of counter-e.m.f. cells in d.c. networks, p.7.
- TSym, A.I.U., Cherkasski, E.S. - Shortest path in selecting transposition operators, p.9.
- Rakov, A.I. - Operational reliability of radio relay communication lines, p.10.
- Rabinovich, G.R. - Problems of scoring systems in premises with rather poor acoustical characteristics, p.14.
- Zakharova, N.V. - Forework, anticipating problems of tomorrow, p.13.
- Papirako, I.G. - Agricultural workers should be provided with high quality of service, p.16.
- Iakovlev, L.I.A. - Telecommunication in the villages of the Orlov Province, p.20.
- Ivchenko, A.F. - New forms of service to vacationers, p.23.
- Litavin, N.M. - Non-salaried inspectors help to improve work in telecommunication enterprises, p.24.
- Bylybenko, U.A. - Work practices of lending telecommunication enterprises, p.25.
- Esikov, S.R., Smorchkov, E.P. - New nomenclature and monetary evaluation of telecommunication services, p.28.
- The "Infoaga-65" exhibit, p.32.

I. INDUSTRIES & TRADES

BUMAZHNAIA I DEREVOBRABATYVAUSHCHAIYA PROMYSHLENNOST' [PAPER AND WOODWORKING INDUSTRY] Issued by Institut tekhnicheskoi informatsii Gosudarstvennogo komiteta Soveta Ministrov Ukrain-skoj SSR po koordinatsii nauchno-issledovatel'skikh rabot [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research] Kiev, no. 1(21), Jan-Mar. 1965

- Table of contents translated
- Borisluk, I.D., Dobrovolski, M.G. - To the level of world standards, p.3.

- Nerhamkin, N.O., Saney, V.I. - Automatic line for the manufacture of dimension stock, p.5.
- Krugol', I.I. - Automatic machine for the setting of a "Kapsel" of piano mechanisms, p.8.
- Bogomol', G.M., Semeshko, L.M., Zayatskaya, T.Z. - Characteristics of the physical and mechanical properties of cardboard molded on a multicylinder machine, p.10.
- Polapenko, A.P. - Evaporation of sulfate liquor in a film-type apparatus at the Zhdachev Cardboard and Paper Combine, p.16.
- Zakharov, I.P., Kuris, I.M. - Workability of particle board by hard-alloy cutting tools, p.21.
- Nosovskii, T.A. - Kinematic maintenance of the cutting properties of tools, p.24.
- Petijenko, P.M., Levandovskii, E.S., McLined, S.N. - New furniture models recommended for production, p.26.
- Kastiov, A.S. - Set of furniture for small family apartments finished by the contact paint method, p.20.
- Kanishkin, I.A., Rukht, T.M. - Methods and systems for drying 0.2-0.5 mm microconcrete and veneer, p.31.
- Samus', T.I.A., Larini, F.L., Kovtunenkov, Z.S. - Thermal processing systems of press molds in the manufacture of products from chip pulp, p.33.
- Shitova, A.E. - Forcing the process of drying parquet rough stock, p.36.
- Dashkovskii, A.F., and others. - Ways for the modernization of drying rooms, p.39.
- Volovodenko, P.M., Golubchikov, N.I. - Glue setting machine for the frames of oval tables, p.41.
- Qhasanteb, E.I.A. - Planning the use of lumber at wood-working enterprises, p.43.
- Akhangel'skii, I.I. - Use of wood waste at the enterprises of Ivano-Frankovsk Province, p.47.
- Moskaleva, A.V. - A conference on production quality, p.49.
- Shevelov, P.S. - Republic-wide conference of the workers of the furniture industry in the Ukraine, p.50.
- Ignatenko, A.I. - Republican interplant school, p.51.
- Patents, p.53.

BUMAZHNAIA PROMYSHLENNOST' [PAPER INDUSTRY] Organ of Gosudarstvennyi komitet po lesnoi, tseliulozno-bumazhnoi, derevobrabatuyushchikoi promyshlennosti i lesnomu khoziaistvu pri Gosplane SSSR and Tsentral'noye pravleniye NTU bumazhnoi i derevobrabatuyushchikoi promyshlennosti [State Committee for the Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry] Moscow, no. 7, July 1965

- Table of contents translated
- Editorial - Speed up the development and utilization of the production capacity of industrial combines, p.1.
- Kosov, A.S. - Factors affecting the quality of mechanical pulp from wood chips, p.3.
- Shapto, A.D. - Ways to increase the folding strength of cardboard for containers, p.7.
- Nerchaeva, S.A., Stromskaya, F.G., Shishkina, I.V. - Mercantilization of undried pulp, p.9.
- Gurevich, L.L., and others. - Automatic control and regulation of woodpulp rigidity during chlorination, p.11.
- Rukhin, N.V., Svichidova, A.I. - Improving the quality of photographic base paper, p.15.
- Tshchekov, A.F. - On the level with world standards, p.17.
- Shilkina, V.V. - Results of the public inspection of the introduction of the achievements of science and technology in the national economy, p.19.
- Meskhita, Sh.P. - Inspection of the condition of the metal of digester shells, p.20.
- Sokolova, O.I., Maksimov, M.F. - Decontamination of sewage from the evaporating shop of the Segezha Combine, p.21.
- Shukhman, F.G., Kudimov, V.A. - Selecting the type of defibrators, p.23.
- Pasechnik, M.S., Terogola, N.V. - New uses of tall oil, p.24.
- Vyrudov, A.A., Polozov, V.I. - New design of a rewinding machine, p.25.
- Electric driving systems for papermaking machinery, p.26.
- Gvardina, L.F. - Unit for the production of chlorine dioxide, p.27.
- Pirgach, N.S. - Trends in the centralized control of woodpulp and paper manufacture, p.28.
- Chirkov, A.V. - Indices of the economic and technological efficiency of the new enterprises and new technology, p.29.
- Methods for the preparation and setting into operation of the waste purification systems in the Baikal Woodpulp Mill and Bratsk Integrated Woodpulp Mills, pp. 2-4 of insert.

No. 6, Aug. 1965.

- Table of contents translated
- Standard, the caliber of quality, safety and reliability of production, p.1.

- Ivanov, S.N., Lapev, L.N. - Effect of air moisture on the mechanical properties of paper, p.3.
- Akim, G.L., Nikitin, V.M., Girdluk, V.V. - Use of semibled sulfate pulp in the composition of newspaper, p.6.
- Ermakova, A.N., Kachetshvili, L.A. - Determining the printability of paper, p.8.
- Golubev, L.M., Kugushev, I.D., Zhukov, G.G. - New method for dewatering and forming of paper sheets, p.10.
- Gaiko, I.V., Mogil'nikova, N.N. - Preparing soda solutions for the production of mixed base acids, p.12.
- Shilayn, A.I., Marashk, A.B., Egorova, T.B. - Digester relief gases in sulfate pulping, p.15.
- Korobov, V.V., Mikhailov, G.M., Pavlov, V.P. - Industrial equipment for pneumatic transport of chips, p.17.
- Velkhe, A.A., Khodakov, A.I. - Stock concentration regulator, p.19.
- Babinski, A.S. - Automatic pneumatic cloth stretcher of a new design, p.20.
- Shukhman, F.G. - Operating conditions of suction boxes, p.22.
- Statets, I.S. - Bearings for the paper industry, p.24.
- Slavovits, A.E. - Some problems of work organization at the plants, p.25.
- Scientific research at the Ukrainian Scientific Research Institute for the paper industry, p.27.
- Kamarov, F.P. - Conference on the supermolecular structure of wood pulp and its technical significance, p.27.
- Rukhin, N.V. - Conference on the physical and chemical mechanics of porous and fibrous dispersed structures and materials, p.28.

No. 9, Sep. 1965.

- Table of contents translated
- Eliminate obstacles hindering the improvement of production quality, editorial, p.1.
- Nikitin, V.M., Vasil'ev, N.I. - Role of lignosulfonic acids in the sulfate delignification of wood, p.3.
- Naumova, Z.N., Nagrodskii, I.A. - Iron absorption by viscose pulp at the various stages of its production, p.4.
- Nedopekin, G.A., Kugushev, I.D. - Selecting the efficient working width of suction boxes, p.8.
- Burenin, M.A. - Determining bound SO₂ in sulfate cooking acids with any type of base, p.10.
- Balmasov, E.I.A. - Approximate mathematical description of the process of continuous pulping, p.12.
- Levit, L.B., Maksimov, V.I. - Efficient design of an exhauster for sulfur dioxide, p.15.
- Korov, V.V., Il'ichev, A.I. - Automatic transportation of technological chips, p.18.
- Letonmaki, M.N., and others. - Increasing the yield of volatile acids from black liquor, p.19.
- Vishnevskii, L.M., Levin, L.G. - Soviet make electric drive for supercalenders, p.20.
- Sil'chenko, A.S. - Stages of a giant of the technical chemistry, p.21.
- Kantarzh, R.R. - Some problems of the economic efficiency of the new equipment and techniques, p.23.
- Babov, A.I. - First international conference on sulfate pulp cooking, p.28.
- Reviews and bibliography, p.31.
- Present state and prospects of the development of equipment and techniques for the grinding of fibrous materials, p.2-3 of insert.

***DEREVOBRABATYVAUSHCHAIYA PROMYSHLENNOST' [WOODWORKING INDUSTRY]** Issued by Gosudarstvennyi komitet po lesnoi, tseliulozno-bumazhnoi, derevobrabatuyushchikoi promyshlennosti i lesnomu khoziaistvu pri Gosplane SSSR and Tsentral'noye pravleniye NTU bumazhnoi i derevobrabatuyushchikoi promyshlennosti [State Committee for the Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry] Moscow, vol. 14, no. 8, Aug. 1965.

- Table of contents translated
- Roblin, S.P. - Prospects for the development of the production of particle board, p.1.
- Kozyrinn, A.P., Iakhno, A.G., Belokon', M.E. - Use of ultrasonic waves in electric spray painting, p.4.
- Koval'chuk, L.M., Bashakin, E.N. - Gluing wood with plastic materials by heating in a high-frequency electric field, p.6.
- Dom'ianskii, K.I. - Grinding wheels and grinding conditions for frame saws, p.8.
- Vinogradskii, V.F. - Joining machine with vacuum clamping of parts and forced exhaust of shavings, p.10.
- Pukhov, A.K. - Effect of the circulating speed of the drying agent on the length and quality of lumber drying, p.12.
- Gukhman, E.S. - Improving the quality of plywood and increasing the number of its varieties, p.14.
- Review of scientific research works of the Sverdlovsk Scientific Research Institute of Wood Processing completed in 1964, p.17.

- Bilin, N.A., Sergeev, E.E., Bruevich, I.U.A. - Use of low-grade lumber, p. 18.
Kochnevskii, O.V. - Make more extensive use of larch in the furniture industry, p. 20.
Busygina, G.M., Slizkov, O.A., Ushakov, N.T. - Accelerated gluing in the manufacture of skis, p. 21.
Simonenko, N.S. - Mechanization of loading and unloading operations at wood processing enterprises, p. 23.
Zakharov, I.P., Kuris, I.M., Babenko, K.I.A. - Hard-alloy cutting instrument for ski processing, p. 25.
Gorshchenko, A.D., Sukhanov, M.A. - Pneumatic glue setting frame in the manufacture of pianos, p. 26.
Sergeenko, G.A. - Use of the waste of rotary-cut veneer for the production of particle board by the extrusion method, p. 28.
Britsis, B.A., Egilte, V.I.A. - Refraction indexes of polyester varnishes, p. 29.
Andreeva, N.V., Kulanin, G.I. - Characteristics of pore fillers used in the furniture industry, p. 29.
Glebov, A.S. - Colloquium on furniture finishing, p. 31.
Mechanization of work at sawmills, p. 34.

KHLEBOPEKARNAYA I KONDITERSKAIA PROMYSHLENNOST' [BAKING AND CONFECTIONERY INDUSTRY]. Organ of Gosudarstvennyi komitet po pishchevoi promyshlennosti pri Gosplane SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 9, no. 6, June 1965.

- Table of contents translated
Put into practice the resolutions of the March Plenum of the Central Committee of the CPSU. p. 1.
Goncharov, M.D., and others - Proportioning of liquid ingredients by means of a continuous thin-layer flow, p. 4.
Ginzburg, A.G., Enerbaum, L.I., Kalina, N.S. - Small emulsifier, p. 8.
Antokolskaya, M.I.A., and others - New method for preparing emulsions for sugar cookies, p. 9.
Zulchenko, A.V., Samotin, I.G., Oleinikova, A.I.A. - Kinetics of saccharose crystallization from saturated solutions, p. 12.
Burlai, I.U.V. - Experimental determining of air rarefaction and consumption in vacuum grippers, p. 15.
Gus'kov, K.P., Kalinin, I.U.V., Kalugina, V.P. - Speed rate equalizer in the pressing out of macaroni products on the "LMB" continuous production line, p. 18.
Voskoboinikova, M.G. - Striving for the application of communist competition methods, p. 22.
Polonskii, M.L., Gleizer, I.G., Patsera, A.D. - Use of electronic computers for solving problems in the distribution of bakeries, p. 23.
Trizna, S.A. - Classification of cooperative bakeries, p. 25.
Ionova, V.V. - New developments in the technology of wheat breadmaking, p. 27.
Nizkoshapko, L.N. - New development in the production of light-dough loaves and city type bread, p. 30.
Babushkin, M.A. - Activity of efficiency promoters in bakeries, p. 31.
Donchenko, V.M. - Calculating the dosage of the liquid salt phase for dough, p. 32.
Genkin, L.S. - Automatic control of the salt dissolving process, p. 35.
Makhitis, G.L., Ugo'nikov, I.U.V., Kogan, G.B. - Performance of the ShAZ wrapping machines in the continuous time, p. 37.
Sysoeva, I.U.I., Gorokhova, N.V. - Production of dried yeast, p. 37.
Shitova, V.F. - New bakery in Uglich, p. 42.
Drapkin, M.G. - Electric ovens passed the test, p. 43.
Sorokin, M.M. - Results of the Third All-Union Review of the Introduction of Science and Technology Achievements in the National Economy, p. 47.

Vol. 9, no. 10, Oct. 1965.

- Table of contents translated:
Isotimina, M.M. - Improvement of the quality of production is the paramount goal of the workers in the confectionery industry, p. 2.
Ernakova, T.P. - Chocolate manufacture, p. 5.
Sosnovskii, L.B. - Fruit jellies and "pastila" sweets, p. 7.
Tokarev, L.I. - Flour confectionery, p. 9.
Isotimina, M.M., Greiser, R.I.A. - Candy, p. 11.
Morev, N.E., Rukovich, I.A.S. - Grill-hearth traveling tunnel ovens, p. 15.
Teplova, R.V., Nikiforova, V.N. - Velocity of the propagation of ultrasonic waves in candy intermediate products, p. 18.
Gogueva, M.P. - Some results of the study of the structural and mechanical properties of creamed sugar mass, p. 20.

- Lavrov, V.V., Malchenko, V.A., Lianina, S.I. - Automatic unit for determining the concentration of assimilable nitrogen, p. 24.
Gus'kov, K.P., Kalinin, I.U.V. - Determining the volumetric expenditure of macaroni dough, p. 27.
Petrova, L.G. - Mechanization of the accounting for finished production and its application in centralized branch bookkeeping, p. 31.
Navol'neva, L.A. - Accounting and analysis of the degree of utilization of capital assets in the confectionery industry, p. 35.
Mina, V.I.A. - Organization of material handling operations in confectionery enterprises, p. 37.
Babushkin, M.A. - Use of whey in breadmaking, p. 39.
Kadzhala, M.P., Darchbiashvili, T.I. - Preservation of the freshness of oriental "Lavash" bread, p. 42.
Abdushev, V.G. - Flour feeding to the X-12 dough mixers, p. 42.
Kyzylot, S.D. - In the bakeries of the Tuva A.S.S.R., p. 43.
Folokov, N.A. - Automatic system for pouring fruit jelly mass into molds, p. 44.

KOZHEVENNO-OBUVNAYA PROMYSHLENNOST' [LEATHER AND FOOTWEAR INDUSTRY]. Organ of Gosudarstvennyi komitet po legkoi promyshlennosti pri Gosplane SSSR and Tsentral'noe pravleniye NTO legkoi promyshlennosti [State Committee for Light Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of Light Industry]. Leningrad, vol. 7, no. 3, Mar. 1965.

- Table of contents translated
Nikitin, D.V. - Prospects for the providing of light industry with leather raw materials during 1965, p. 1.
Fourth All-Union Public Review, p. 2.
Ilushin, I.I. - Systematically improve the quality of leather, p. 3.
Pibnatus, A.A., Ryzhikh, A.V. - Give increased attention to the quality of production, p. 5.
Steshov, I.I., Chentsova, K.I. - New state standard for the lasts for shoe manufacture, p. 7.
Shelastin, M.N. - Standard norms for the number of engineers and technicians in the enterprises of the primary processing of leather raw materials, p. 10.
Shvarts, A.S., Rozenblum, I.A.Sh. - Improving the technique of the cementing method for sole attachment, p. 13.
Komarova, V.R. - Footwear for children, p. 17.
Ashutova, S.K., Sokolov, V.N. - New trends in the design of shoe sewing machines, p. 18.
Ovechkin, E.S. - Need for changes in the analysis of leather, p. 21.
Bochkarev, V.N., Zatonchikovskii, A.D., Krasnov, B.I.A. - Some properties of rubber manufactured with the use of low pressure polyethylene, p. 23.
Bukankov, E.I. - Standardization of the dimensions of spike heels and top lifts, p. 25.
Slavinskii, V.I. - Establishing the grade of merchandise according to the coloring of the footwear, p. 29.
Karpman, M.I. - Utilization of the water squeezed out during the pressing of bark tan waste, p. 31.
Val'mot, R.A., Vasak, A.E. - Substituting rubber for bronze bushings in the supporting bearings of frame drums, p. 31.
Avksent'ev, I. - Efficiency promoters of the "B. Lazo" Factory, p. 33.
Domogatskaya, E. - Visiting with the efficiency promoters of the "Kozhizamenit'" Plant, p. 33.
Timokhin, N.A., Kluchevskaya, V.V. - Out-of-town session of the Scientific Council of the Various Branches of the Light Industry of the Middle Volga Economic Region, p. 34.
Borovkina, E. - Product defectless goods, p. 36.
Aslanly, M. - Vasilii Antonovich Korvalis, the best shoe designer, p. 36.
Enterprises exchange their experiences, p. 36.

LEIKA PROMYSLOVIST' [LIGHT INDUSTRY]. Issued by Institut tekhnicheskoi informatsii Doi'zavhnoho komitetu Rady Ministriv URSS po koordinatsii naukovu-doslidnykh robiv i Ukrainna'ke naukovu-tekhnichne tovarystvo leikal promyslovosti [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research and the Ukrainian Scientific Technological Society of Light Industry]. Kiev, no. 2(22), Apr.-June 1965.

- Table of contents translated:
Dzhile, H.V., Kuznetsov, K.M. - Production potentials of the Light Industry of the Ukrainian S.S.R., p. 3.
Orlov, I.V., and others - Systems for steam-pressing of clothing made from nonwoven fabrics, p. 7.
Rod'kina, Z.I., Vasil'chenko, L.F. - Using the condenser spinning methods for the manufacture of No. 20 yarn made from nitron, p. 12.
Kersek, V.M. - Some properties of knit fabrics made from carded nitron yarn, p. 14.
Bel'cheva, K.D. - Interlock knit fabrics for outerwear clothing, p. 16.

- Hamets'ka, V.I., Poltavets, L.M., Bychkov, I.I. - Processing of No. 150 acetate yarn in the production of warp-knit goods, p. 17.
Tatapol's'kii, I.M. - Double-ply nonwoven textile fabrics, p. 19.
Puchko, V.S. - Improving the quality of glassware, p. 20.
Milefman, M.I. - Defectless production of porcelain and faience goods and their delivery to the Yvkhint Control Division at first presentation, p. 23.
Ivanov, M.M. - Application of the recommendations of the Scientific and Technical Society in the enterprises of the light industry of the Ukrainian S.S.R., p. 24.
Zapols'kii, I.A., Biblin, D.M. - New equipment and technology for the processing of silk reeling wastes, p. 28.
Skrypkova'kii, A.V. - Characteristics of the "Dentyl-Cotton" make knitting machines for the manufacture of outer knitwear, p. 30.
Bilozub, V.V., Taniuk, B.A. - Automatic temperature regulator for hot vulcanization presses for shoe manufacture, p. 32.
Bychkov, O.H., Piskors'kii, I.A. - Control of the thickness of the leather sole parts, p. 37.
Anichkov, M.M. - Horizontal surface conveyor for the transport of glassware to the lehr, p. 39.
Mukha, I.M., and others - Use of hard alloys in the textile industry, p. 40.
Basko, P.T. - Design of thread guides, p. 42.
Orlov, I.V., Davlyushina, C.T. - Finishing the cloth-ping parts made from lvsan-containing fabrics, p. 44.
Holomb, L.M., Pacheva, N.O. - Experimental testing of some methods for determining the chemical bonds of active dyes with polyamide fibers, p. 47.
Zapols'kii, I.A. - Emulsification of raw silk on the automatic KSKA silk reeling machine, p. 51.
Horodienko, M.B. - Finishing of knit goods made from bulked loop yarn, p. 51.
Maslennikov, I.U.I. - Preliminary stabilization of nylon yarn produced with the simplified method applied directly on the automatic electric hosiery machine, p. 53.
Kapei, M.B., Rotik, R.H. - Use of No. 64 nylon yarn produced with the simplified method in the manufacture of socks, p. 54.
Hil'man, B.A. - Simplified pickling and tanning of sheep pelts by means of air bubbling through the working solution, p. 57.
Dashyn, M.L., Derbatovich, M.L. - Some characteristics of the tanning process of chromium leather for shoe uppers by means of synthetic and vegetable tanning agents, p. 60.
Chyhyr', M.I., and others - Using the silk screen printing method for the decoration of high-quality glassware, p. 62.
Plhat'ov, O.V., Shyn'nov, L.T., Dzhalova, K.A. - Changing the arrangement and increasing the number of cotton bales in front of the opener units, p. 64.
Pins'kii, O.I.U., Furman, A.L. - Use of diaphragm switches in pneumatic conveying systems, p. 65.
Fishbakh, H.Kh. - Modernization of the drawing mechanism of LV2-32 duffers, p. 66.
Chuzh, O.I., Kaplan, E.A. - Modernization of AT-175-Sh looms, p. 66.
Kostin, B.L. - Method for the calibration and testing of the sensor of the automatic silk reeling machine, p. 68.
Arefov, V.I., Buchynskii, B.A. - Unit controlling the KO-3-230 finishing calender and BM-230 spraying machine for the simultaneous processing of two fabric sheets, p. 69.
Babak, S.F. - Machine for the preparation of circular knit fabrics for printing, p. 70.
Famileva, O.V. - New gluing methods, p. 71.
Ovechkin, I.U.S. - Utilization of leather for outerwear thickness classification, p. 73.
Sen', Z.P. - Studying the permeability rates of heating and cooling of household faience goods in a shot firing kiln, p. 75.
Bilukha, M.T. - Advanced methods of accounting and analysis for the clothing industry, p. 80.
Morhanova, S.A., Matinskova'ka, L.K. - Methodology for determining the Norms of Production Costs by the point system, p. 82.
Horshun, M.I., and others - Organization of the department for centralized shoe upper production in shoe factories, p. 85.
Horshun, M.I., and others - Organization of the department for centralized shoe upper production in shoe factories, p. 85.
Puchko, V.S. - Ukrainian conference on the improvement of the quality and expansion of the assortment of glass, porcelain, and faience goods, p. 89.

MUKOMOL'NO-ELEVATORNAYA PROMYSHLENNOST' [FLOUR MILLING AND GRAIN STORAGE]. Organ of Gosudarstvennyi komitet razvitiya Sovetskoi Ministrits SSSR [State Committee for Procurement of the Council of Ministers of the U.S.S.R.], Moscow, vol. 31, no. 8, Aug. 1965.

- Table of contents translated:
New developments in determining the quality of grain, p. 1.

- Begimov, E. - Development of the mixed feed industry in countries, members of the Comecon, p. 3.
- Grachev, I. V. - Economy of protein ingredients in mixed feeds by selecting them according to their amino acid composition, p. 5.
- Erlikh, D. - Practices of the Pollava Plan in the production of mixed feeds for young poultry and animals, p. 8.
- Khoroshev, B., Musluk, B. - Milling wheat with a 67% output of high-grade flour, p. 9.
- Ulanov, G. - Mechanized recording of the amount of grain at the T'shurupa Moscow Milling Combine, p. 13.
- Ekschepov, V. - Kuybyshev sack repaling shop as an enterprise of communist labor, p. 15.
- Pal'tsev, V., Dmitriuk, E. - Minimal permissible air speed in vertical pneumatic conveying of grain products, p. 17.
- Savonov, A. - Voltage stabilizers secure consistent precision of the operation of a moisture meter, p. 20.
- Zhdiko, V., Korchak, A. - Conditions for drying shelled corn in shaft dryers, p. 22.
- Fomin, B. - Optimal operating conditions of the device for controlling the tongue of flame in furnaces of grain dryers, p. 25.
- Zima, G. - Observe strictly fire safety regulations for fuel storages, p. 28.
- Kovnat'skii, I., Bogomol'nyi, R., Barskai, M. - On the demands of the makers of equipment, p. 20.
- Vol. 31, no. 9, Sep. 1965.
- Table of contents translated:
- Transportation of the grain of the new crop, p. 1.
- Nalgaus, A. - Personnel of the Frunze Milling Combine in the struggle for the title of the champion of communist labor, p. 3.
- Socialist competition and the organization of labor at flour mills of the Russian Federation, p. 4.
- Bikdrian, A. - Exhibition on the technology of grain processing, p. 8.
- Solov'ev, M. - New developments in the technology of the production of buckwheat groats, p. 11.
- Dratva, V. - Accelerated determination of the hull percentage in millet, p. 12.
- Korovin, B. - Increasing the output of sized corn seeds at the Pollava Grain Center, p. 13.
- Fidel'man, L., Bellakov, V., Tostei, L. - Make better use of the possibility of improving the quality of flour and increasing the production capacity of flour mills, p. 15.
- Sapronov, A. - Designing a section for the production of emulsifiers and additives for mixed feeds, p. 17.
- Brukhs, P. - Practices in the production of small-diameter granules on DPA presses, p. 18.
- Frolov, K., Tsyplakov, A. - Gannaries of increased capacities, p. 20.
- Dal'tsov, V., Volodin, N. - Losses of pressure in overcoming the deceleration of grain products in vertical pneumatic transportation, p. 21.
- Taitakovskii, M. - Results of the competition for the best efficiency proposals of assemblers, p. 24.
- Kazakov, G. - Procedures for calculating, accounting, and repaying in carrying out the planned and surplus purchases of grain and sunflower seeds at new prices, p. 27.
- Baum, A., Kochetkov, L. - Problem of regulating the terminology on the storage and processing of grain, p. 30.
- OBSHCHESTVENNOE PITANIE [PUBLIC FOOD SERVICE] Issued by Gosudarstvennyi komitet Sovetskikh Ministerov SSSR po kormovoiu [State Committee of the Council of Ministers of the U.S.S.R. for Commerce], Moscow, no. 11, Nov. 1965.
- SHVEINAIYA PROMYSHLENNOST' [CLOTHING INDUSTRY]. Organ of Gosudarstvennyi komitet po legkoiu promyshlennosti pri Gosplane SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva legkoiu promyshlennosti [State Committee for Light Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of Light Industry], Moscow, no. 6, Sep.-Oct. 1965.
- Table of contents translated:
- For high standards in production and improvement of working conditions, p. 1.
- Kolesnikov, P. A. - Classification of clothing items and materials for their manufacture, p. 4.
- Damaskin, B. I., Levin, V. I. - Studying the automatic mechanisms of universal sewing machines for cutting the upper and bottom threads, p. 8.
- Odintsova, I. U. F., Ruzakov, S. I. - Utilization of the speed of sewing machines, p. 12.
- Tatunov, V. F. - Use of metallized fabrics in clothing for the reflection of heat emission by the human body, p. 17.
- Clothing made from nonwoven fabrics, p. 18.
- Mishchenko, D. V. - Portable punching machines for the manufacture of templates, p. 20.
- Rachok, V. V., Shorozhov, V. V., Komissarov, A. I. - Wear of rotating shuttles, p. 23.
- Pavlenko, I. U. S. - Some problems of the operation of the EMP-2, p. 26.
- International, p. 30.
- SIUZHNA DYTA [SERVICE INDUSTRIES] Issued by Glavnoe upravleniye bytovogo obsluzhivaniya naseleniya pri Sovetskikh Ministerov RSFSR and TSK Profsoyuzov rabotnikov mestnoi promyshlennosti i kommunalnogo khozaystva [Main Administration of Service Industries, Attached to the Council of Ministers of the R.S.F.S.R., and the Central Committee of the Trade Union of Workers of Local Industries and Communal Economy], Moscow, vol. 3, nos 10-11, Oct.-Nov. 1965.
- * SVAROCHNOE PROIZVODSTVO [WELDING PRACTICE] Organ of Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research in the U.S.S.R.] and others, Moscow, no. 10(34), Oct. 1965.
- Table of contents translated:
- Serduk, G. B. - Rotation of a welding arc on concentric electrodes with magnetic control, p. 1.
- Kovalev, I. M. - Deflection of welding arcs in a transverse magnetic field, p. 4.
- Kovalev, I. M., Akulov, A. I. - Stability of a welding arc in a transverse magnetic field, p. 6.
- Levakov, V. S., Liubavskii, K. V. - Influence of a longitudinal magnetic field on an electric arc with a nonconsumable tungsten cathode, p. 8.
- Borisov, B. K., Volchenko, V. N. - Automatic control of the argon-arc welding process by standard contactless modules, p. 12.
- Bezbakhi, D. K. - Kinetics of gas saturation in some methods of fusion welding, p. 14.
- Terent'ev, I. M., Barutkin, F. E., Kononov, G. S. - Conditions of the welding of aluminum alloys influencing the density of the weld metal, p. 16.
- Ryzhkov, N. I. - Organizing a department for the preparation of rolled sheet metal in a block of plants producing welded structures, p. 19.
- Nevel'tsev, I. U. A. - Limits of an efficient use of welding under flux, p. 21.
- Vornovitskii, I. N., Sbarskii, N. P., Gidrovich, G. P. - Waterproofing the coatings of gas-shielded electrodes, p. 23.
- Shashkov, A. N., Nekrasov, I. U. I., Vaksman, S. S. - Coated wire for steel welding with a propane-butane-oxygen, p. 26.
- Gavrilov, P. I., Shugaenko, V. V. - Effect of cutting on the structure and properties of steel when using natural gas in the heating flame, p. 28.
- Petrov, I. U. M., Astaf'ev, N. M., Morozov, V. A. - Use of toroids as a choke coil for pulsation-arc hard facing, p. 29.
- Muslov, V. A., Seimenova, L. A. - Corrosion resistance of weld joints in OKh13(T1495) steel in certain media, p. 32.
- Dubskikh, V. I. A., Chemezova, S. A., Dereviankin, V. I. - Corrosion resistance of weld joints in OKh18NiOT steel in boiling nitric acid, p. 34.
- Kharitonov, V. N. - Mechanized hard facing of scarifier tines, p. 36.
- Eysratov, G. I., Buzhkov, G. I. - Remote control of the voltage of PSC-508 converters, p. 37.
- Pastukhov, A. M. - Experiences in the welding of OKh18NiOT steel pipelines, p. 38.
- Sorokin, E. S., Braverman, M. Z. - Welding the pins of a T-130 tractor with a modernized R-512 automatic machine, p. 38.
- Lobanov, I. U. N. - Ceramic nozzle for welding in carbon dioxide, p. 39.
- Grudinskii, B. V. - A device for welding parts to small-diameter tubes attached to a series-built spot welding machine, p. 40.
- Slizhevskii, I. I. - Increasing the safety in acetylene production, p. 41.
- Rykalin, N. N., Krasovskii, A. L. - Eighteenth Congress of the International Institute of Welding, p. 43.
- To the memory of S. G. Gusev, an obituary, p. 46.
- TEKSTIL'NAYA PROMYSHLENNOST' [TEXTILE INDUSTRY]. Organ of Gosudarstvennyi komitet po legkoiu promyshlennosti pri Gosplane SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva legkoiu promyshlennosti [State Committee for Light Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of Light Industry], Moscow, vol. 25, no. 9, Sep. 1965.
- Table of contents translated:
- Antipov, L. R. - Basic trends in the mechanization of operations in textile enterprises, p. 1.
- On'p'orin, M. M. - Mechanization of the conveying of weaver's beams and of their installation on looms, p. 5.
- Nazarov, M. G. - The principal and most important matter; experience in the increase of labor productivity in the Cotton Combine in Kazavskoye, p. 12.
- Koren'kov, M. D. - Planning according to the standard costs of manufacturing, p. 15.
- Luvishin, L. A., Birenbaum, G. I. - Factory laboratories to have a more important role in the efforts to improve the quality of production, p. 17.
- Tukhtarova, I. U. N. - Basic trends in the artistic and coloristic finishing of textile fabrics in 1966, p. 20.
- Vol'man, I. I. - Trends in knitwear styles for 1966, p. 26.
- Maslennikov, K. N., and others - Avillage preparations for polyvinyl alcohol fibers, p. 29.
- Mal'tseva, T. A., and others - Antimicrobial synthetic fibers and fabrics, p. 31.
- Toropova, E. G., Mal'tseva, M. K. - Nylon fibers with a non-round cross section, p. 32.
- Felgenberg, A. L. - Production of strong yarn in spinning rayon staple without skubbing, p. 33.
- Novak, V. A. - Standardization of equipment is an important factor in the lowering of the costs of continuous production lines in wool spinning, p. 38.
- Mikhailov, P. V., Gribina, T. K., Sadov, F. I. - Use of the products of alkali saponification of polyacrylonitrile in the sizing of yarn, p. 42.
- Ezhov, A. A., Podberezhina, Zh. M. - Weaving of selvedge in various types of fabrics, p. 44.
- Grozitskii, P. S. - Mechanism for pattern card reduction on a multiple-box loom, p. 47.
- Ignatova, L. P., Krepel, M. G. - Run-resistant weaves used in the manufacture of seamless hosiery, p. 49.
- Verkhovina, L. D. - Using the shrinkage properties of polypropylene fibers in the manufacture of warp-knit goods, p. 53.
- Starikovskii, E. E., Kharkharov, A. A. - Use of type "12" acid metallized dyes in dyeing polyamide fibers, p. 58.
- New dyes and the "TVV" specification table, p. 60.
- Afanaseva, T. N., Matyeva, A. L. - Stabilization of diazo solutions, p. 63.
- Ulitina, Z. P., Smirnova, G. V., Bogoslovskaya, L. N. - New formula for thickeners made with alga flour for printing with glacial, mordant and vat dyes, p. 64.
- Milovidov, N. N. - Practical value of the index of yarn strength, p. 65.
- Smirnov, G. N., Arbitskii, A. V. - Redesignated ventilation systems, p. 68.
- Pekelis, G. B., and others - Experience in the application of contact water heating, p. 71.
- Rodionov, V. P. - Sources, manufacture and use of reclaimed wool, p. 77.
- Reviews and bibliography, p. 80.
- Lagutkina, R., Gulubev, N. - For a scientific organization of work, p. 88.
- Dylevskii, A. A. - Seminar on the problems of mechanization in production, p. 89.
- Tsol, V. S. - New equipment and techniques as the basic source for the increase of labor productivity, p. 91.
- Lesnikov, G., Makhrovskii, V. - Exchange of experiences in the maintenance and repair of equipment, p. 92.
- From the Third Plenum of the All-Union Scientific and Technical Society, p. 93.
- Materials on the statistics of the U.S.S.R. textile industry, p. 94.
- Vol. 25, no. 10, Oct. 1965.
- Table of contents translated:
- Sterlin, E. A. - Concerning the scientific organization of the work of women spinning machine operators, p. 1.
- Rudenko, I. S. - Wool and silk industry in the Moscow Economic Region during 1965, p. 5.
- Goyko, V. F., Gorenbein, A. E. - For a cooperation between the textile and clothing industry of Transcaucasia, p. 8.
- Zhigacheva, A. M. - New linen fabrics and manufactured articles, p. 10.
- Sherishov, V. M. - The "Sh-2" wool catcher, p. 12.
- Terushinov, A. V., Lont'eva, I. S. - Effect of fiber straightness and parallelism and setting parameters of the drafter on the drawing stresses, p. 14.
- Shapovalov, I. A. S., Bondarenko, E. E. - Reducing the unevenness of the product of roving machines, p. 18.
- Kogan, A. G. - Bulk core yarn, p. 22.
- Kulanov, V. N. - Effect of load magnitude and intermediate drafts on silver unevenness on LNS-51 draw frames, p. 25.
- Geraskin, V. N., Katoshin, A. F., Kabanov, S. T. - Completely mechanized carding section, p. 26.
- Obozov, G. S., Zobnin, B. - Improved lap filling of the roll and its covering with slubbing on single-process scutching machines with automatic lap doffing, p. 30.
- Sukhovskii, S. V. - Determining the rated number of the silver from automatic AR-500-L spreading machines, p. 32.
- Beskin, L. Z., Novozhilov, A. A. - Organization of continuous lines for the cleaning and inspection of fabrics in loom state, p. 34.
- Maishkov, M. M. - Electron yarn cleaner, p. 38.
- Asner, B. T., Mezentseva, V. V. - Experience in the manufacture of hosiery cut from knit cloth, p. 41.
- Vinokurskii, A. E. - Increasing the reliability and service life of knitting machines, p. 44.
- Genzer, M. S. - Experience in the use of nitron fibers in the manufacture of knit goods, p. 45.
- Ivanov, V. A. - Manufacture of knit industrial fabrics and goods from synthetic fibers, p. 49.
- Usimova, E. T., Volutski, S. S. - Effect of various factors on the filtering capacity of nonwoven textiles, p. 50.

- Smirnova, G. A., Karcheva, V. L. - Comparative analysis of efficiency in the production of nonwoven materials and fabrics p. 54.
- Bykov, A. P., Voronina, N. G., Ialt, P. I. - Manufacture of nonwoven towels. p. 56.
- Petov, D. T. - Volunteer designers bureau of the "Tel'man" Lace and Curtain Net Factory in Moscow p. 57.
- Rusinskaia, T. S. I. A., Sador, F. I. - Effect of pH on the selectivity of vat dyes. p. 58.
- Peshekhonov, S. N. - Increasing the degree of wringing capacity of water calendars. p. 61.
- Nikolavskii, G. F., Tarabukhina, I. N. - Simultaneous treatment of cotton fabrics with latexes and fixing agents. p. 63.
- Concerning the new dyes and the "TVV" dye index p. 61.
- Rappoport, K. A., Grechukhina, N. A. - Physiological and hygienic testing of articles made from bulked synthetic fibers. p. 65.
- Shumilov, G. A. - Analysis of slubs content of combed sliver. p. 67.
- Korolev, I. U. A., Koptev, B. G., Zolotareva, A. S. - Condensate outlets for steam-can driers p. 69.
- For readers' discussions. p. 71.
- Book review and bibliography. p. 75.
- Konovalchuk, M. I. A. - Technological study room as progress promoter p. 81.
- Vol'kovich, M. I. - Chemistry application in the textile industry. p. 82.
- Dikhanova, A. G. - Diploma and medals awarded by the Exhibition of Achievements of the National Economy of the U.S.S.R. p. 83.
- Dmitriev, N. M. - Courses of economics for specialists p. 84.
- In the State Committee of the Light Industry attached to the State Planning Commission of the U.S.S.R. p. 85.
- In the Presidium of the All-Union Council of the Scientific and Technical Societies. p. 86.
- In the Central Committee of the workers of the light and textile industry p. 86.
- Initiative of the collective of the Yegor'yevsk Melange Combine of the Moscow Economic Region. p. 87.
- Golovanov, V. - Young replenishment of the working class p. 87.
- Gorman, M. A. - New method for improving the qualifications of foremen. p. 89.
- Buzal'tina, T. I. - Work experience of the volunteer bureau for the establishment of work norms in the "Krasnaya Vetka" Factory. p. 89.
- Sotolova, V. V. - Work practices of the schools of communist labor in the "Krasnaya Vetka" Factory. p. 90.
- Vlasov, P. V. - Activities of the People's University of Technical Progress and Economics. p. 91.
- jubilee of Professor V. E. Gusev. p. 92.
- Melamed, L. G., Karagodina, L. V. - Determining the coefficient of strength utilization of fibers in twisted articles. p. 93.

VOSTOCHNO-SIBIRSKII NAUCHNO-ISSLEDOVATELSKII I PROEKTNYI INSTITUT LESNOI I DEREVOOBRA-BATYVAISHCHEI PROMYSHLENNOSTI, Trudy [EAST SIBERIAN SCIENTIFIC RESEARCH AND DESIGN INSTITUTE FOR THE FOREST AND WOODWORKING INDUSTRY, Transactions]. Moscow, no. 10, 1984.

- Table of contents translated.
- Dikovskii, M. I. - Precise determination of pitwood resources according to specifications and recommendations during logging. p. 3.
- Ivanov, V. A. - Prospects for the use of dirigibles in the lumbering industry. p. 12.
- Gorshkov, V. I. - Directed felling of large trees. p. 15.
- Ioffe, A. I. - Automation of the change in the gradient of saws in a saw frame. p. 23.
- Lekhtiling, K. A., Smorgon, L. S. - Wear resistance of saws with bits. p. 27.
- Guslitzer, I. I. - Selecting similarity constants and scales in modeling loading and unloading units with flexible couplings for round lumber. p. 33.
- Sen'kin, I. M. - Forest industry centers as the basis of the development of the lumbering and woodworking industry. p. 39.
- Ivanov, V. A., Sigarov, V. I. - Brake-type beamless log trailer designed by the East Siberian Scientific Research and Design Institute of Forest and Woodworking Industries. p. 48.
- Nadtochi, V. K. - Factors increasing the labor productivity in the exploitation of forests in the Krasnoyarsk area of the Angara Valley. p. 58.

g. MECHANICAL ENGINEERING

AKADEMIA NAUK SSSR, Izvestia, Energetika i transport [ACADEMY OF SCIENCES OF THE U.S.S.R., Bulletin, Power Engineering and Transportation]. Moscow, no. 4, July-Aug. 1985.

- Table of contents translated.
- Kostenko, M. V., Levinshtein, M. L. - Calculation of overvoltages on the capacitance of an oscillatory stage during the switching of a periodic e. m. f. and zero initial conditions. p. 3.

- Ol'shevskii, O. V., Samoilov, G. I., Khalevin, V. K. - Quasi-stationary solution of a transient process in a long line. p. 11.
- Posse, A. V. - Basis for replacing a rectifier by an equivalent generator in the calculation of transient processes. p. 19.
- Ivanov-Smolenski, A. V. - Conditions of physical similitude of quasi-stationary electromagnetic fields in ferromagnetic media. p. 35.
- Mel'nikov, N. A., Soldatkina, L. A. - Integral indices of voltage quality in an electric power distribution network. p. 45.
- Geraskin, O. T. - Determination of the trees of the graph of an electrical network using a digital computer. p. 53.
- Umed'ian, V. V. - Consideration of the special features of the matrix of resistance in the calculations of power system modes using a digital computer. p. 61.
- Kadeishvili, V. G. - Determination of optimum calculation mechanical loads of overhead electric power transmission lines based on the statistical theory of games. p. 63.
- Popkov, V. I. - Features of corona discharge at high field strengths. p. 69.
- Bolotin, V. V., Kurbanov, B. A., Makarov, B. P. - Oscillations of circular transformer windings. p. 80.
- Fedorov, R. M. - Bubbling boundary in compressor cascades. p. 91.
- Gussak, L. A. - New principle for ignition and combustion in engines. p. 98.
- Solov'ev, B. A. - Semi-graphical method for determining the parameters of a heat exchanger in a cooler-radiator in nonpredetermined mode of operation. p. 111.
- Problems of heat transmission in case of a cylinder with nonhomogeneous boundary conditions. p. 114.
- Makhorikov, V. I. - Solution of a two-dimensional heat conductivity problem for an infinite connected region. p. 118.
- Nikolaev, V. I. - Determination of time spent by an operator in the solution of problems in the control of a marine power plant. p. 130.

AVTOMOBIL'NAIA PROMYSHLENNOST' [AUTOMOBILE INDUSTRY]. Organ of Gosudarstvennyi komitet avto-traktorogo i sel'skokhoziaistvennogo mashinostroeniia pri Gosplane SSSR [State Committee for the Tractor and Agricultural Machine Industry, Attached to the State Planning Committee of the U.S.S.R.] Moscow, vol. 31, no. 6, June 1985.

- Table of contents translated.
- Golushko, I. F. - Effect of auxiliary carburetor devices on the starting of the ZIL-130 engine. p. 1.
- Gonchar, L. G., and others. - Efficiency of engine exhaust baking of a motor vehicle. p. 4.
- Moisechik, A. N. - Selecting heaters for liquid-cooled carburetor engines. p. 6.
- Refaat shafik Gabalal. - Braking characteristics of carburetor engines. p. 9.
- Kurnetsov, E. S. - Methods for determining the periodicity of maintenance and the expediency of compulsory repair. p. 10.
- Stavrov, O. A. - New method for traction analysis of an electric car. p. 14.
- Nefedov, A. F. - Using characteristic curves in determining starting indices of motor vehicles. p. 17.
- Levkovskii, E. N. - Some problems in the calculation of helical cylindrical springs for durability and reliability under multiple loads. p. 23.
- Dobrykh, L. I., Sfrinder, I. B. - Investigating resistance forces in the cylinder of an air-hydraulic suspension. p. 26.
- Lashin, V. I. - Shift of radial reaction during the rolling of a wheel with a flexible tire. p. 30.
- Lebedev, F. K. - Role of temperature in the wear of Teflon. p. 32.
- Bron, D. I. - Technological potentialities for the improvement of the quality of motortruck springs. p. 34.
- Lazarev, I. K. - Production of high-precision flattened steel strip for engine piston rings. p. 37.
- Likhovich, L. S., Mishin, P. A., Fushstein, I. A. N. - Hardening low-carbon sheet steels by the method of strip quenching. p. 40.
- Lavitskii, G. M., Gnatyshak, N. N. - Technological processes of the manufacture of ceramic-metal friction disks. p. 41.

Vol. 31, no. 10, Oct. 1985.

- Table of contents translated.
- Agapov, E. K., Sokol, I. B. - Automatic accounting and management of a standard shop for precision investment casting. p. 1.
- Ermolov, P. S., Isayev, G. S., Nekrylov, V. M. - Investigating torsional vibrations of the crankshaft of an engine. p. 4.
- Ignat'ev, E. B. - Calculating the coefficient of active heat release of a carburetor engine. p. 7.
- Kiregiani, S. K., Marenova, M. M. - Using the method of spectrum analysis in evaluating the wear of an engine. p. 10.
- Belov, A. T., Grivans, T. K., Fedakin, V. A. - Harmonic spectrum of the torques of carburetor engines. p. 12.

- Gonhom, B. B. - Determining the maximum power of a motor-vehicle engine. p. 15.
- Koplov, V. P. - Investigating the static strength of the frame of the CHMZAP-5208 trailer. p. 17.
- Vzlatyashov, N. A. - Lateral stability of a saddle-connected tractor train under unsteady motion conditions. p. 20.
- Marshak, S. F., Gol'dshtein, V. M. - Stability of single-axle tractors at turns. p. 23.
- Taranenko, P. I., and others. - Program controlled stand for investigating unsteady motion conditions of motor vehicles. p. 26.
- Baizmitkov, V. P. - Approximate evaluation of the indices of traction and speed properties and weight of designed motor vehicles with a given engine. p. 30.
- Kalashnikov, S. N., Trofeyev, N. N. - Advanced technology for machining gear-wheel teeth of the distributing shaft of the ZIL-130 engine. p. 34.
- Zakharov, S. I. - Obtaining high-precision and high-finish machining in broaching holes. p. 45.
- Talovtsov, V. N., Kapchuk, L. I. - Removing burrs from gullotine shears. p. 50.
- Surkov, D. A. - Welding frame longitudinal of the GAZ-60 and UAZ-450 motor vehicles. p. 59.

AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Organ of Ministerstva avtomobil'nogo transporta i shosseyskogo koms'eksa i Tsel'skoy komitet Profsoyuza rabotnikov aviatsii, i tsel'skoy avtomobil'nogo transporta i shosseyskogo koms'eksa [Ministry of Automotive Transport and Highways of the U.S.S.R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers] Moscow, vol. 43, no. 10, Oct. 1985.

- Table of contents translated.
- Venkhovali, I. - Reduction of idle times in the most urgent problem of the national economy. p. 1.
- Bulanov, V. - Pay more attention to the transportation of commercial goods. p. 4.
- Slobodchikov, V. - Community promotes the fulfillment of the plan. p. 6.
- Maier, E. - Jointly Automotive Transportation Unit starts operations. p. 7.
- Plekhich, A. - Voluntary office for establishing technical norms. p. 8.
- Argulin, I. U., Gordinenko, V. - Overall mechanization of loading and unloading operations in combined cement transportation. p. 11.
- Zadovnyi, L. - Promote float transportation with containers. p. 12.
- Smirnov, G. - Centralized transportation of unfinished building materials. p. 14.
- Kvilitso, Kh., Lyvin, M., Podolnitski, L. - Dis-patcher control of urban bus traffic. p. 16.
- Tsvik, G., Kozlov, N. - Promotion of the motor-vehicle reliability is an objective of national importance. p. 18.
- Antonov, E. - Centralized technical maintenance highways. p. 19.
- Putin, V. - Using wheels with widened rims and tapered fitting borders. p. 20.
- Shaygulin, I. - Increase the requirements to brake fluids. p. 23.
- Bass, S. - About brake fluids. p. 24.
- Lots, B., Prusakov, I. U. - Repairing the body of the PAZ-662 motorbus. p. 25.
- Rusev, M., and others. - Electric contact setting of crankshafts. p. 27.
- Vasil'kov, V. - Drum-type washing machine. p. 31.
- Isaev, S. - Semi-automatic carbon-dioxide-aided arc welding and building-up. p. 20.
- Bulychev, B. - Machine for boring seats of bearings and sleeves of the distributing shaft. p. 31.
- Traffic organization and safety. p. 32.
- Faershteyn, L. - Analysis of operational results of automotive transportation units by the example of obtaining one ruble profit. p. 34.
- Zakia, E., Dzina, T. - Effect of the concentration of freight operations at railroad stations on the economic indices of automotive transportation. p. 35.
- Improve the processing of hauling documents. p. 37.
- Arkhypov, I. - Working without accidents. p. 39.
- Vasil'ov, M. - Semiconductor ignition systems. p. 41.
- Nosovskiy, M., and others. - Balancing driving wheels. p. 41.
- Zakin, I. A. - Evaluating maneuvering properties of automotive trains. p. 43.
- Kozlov, N. - The GAZ-21T "Volga" automobile. p. 44.
- Efremov, G. - Improve the training of specialists for mass professions. p. 47.
- Exchange of experience. p. 50.
- Kadykov, N. - Fulfilling the seven-year plan ahead of schedule. p. 54.
- Enthusiasts of technological progress. p. 55.

ELEKTRICHESKAYA I TEPILOVOZNAYA TRAGA [ELECTRIC AND DIESEL LOCOMOTIVE TRACTION]. Organ of Ministerstva puti soobshcheniya SSSR [Ministry of Railroad Transportation of the U.S.S.R.] Moscow, vol. 9, no. 7(103), July 1985.

- Table of contents translated.
- Verba, K. I., Miroshchukenko, A. M., Babov, V. I. - Improvement of the utilization of locomotives means striving for higher standards in production and a scientific organization of work. p. 1.

Khennich, A. Z. - On methods to prevent the failure of the connecting rod bearings of 2D100 diesel engines. p. 0.

Nazarov, L. S., Sokolov, A. P. - Results of the experimental introduction of a new periodicity of rheostatic inspections of TE3 diesel locomotives. p. 7.

Pomelnikov, I. N. - Operation and repair of reinforced concrete overhead structures. p. 8.

Blinov, B. S., Chekulav, V. I. - Improving the technical maintenance of overhead contact systems. p. 9.

Lagin, I. A. - Stand for testing the quality of the setting of pneumatic valves. p. 11.

Nikonorov, G. A. - Device for tuning the armature of the traction engine of VL22M and VL8 electric locomotives. p. 12.

Fremenko, G. I. - Air filter with continuous action. p. 12.

Rudkov, G. V., Gut, I. B. - Press-fitting of the diesel blocks of TGM1 and TGM3 diesel switcher locomotives. p. 13.

Derevynchenko, B. D., Kononov, V. G. - Simple method for emergency fuel feeding to diesel engines. p. 14.

Turlin, E. I. A. - Device for the inspection of spark gaps in overhead contact systems. p. 15.

Akhinov, V. G. - Testing the efficiency of shock absorbers of the center support on VL60 electric locomotives. p. 17.

Vysotskiy, M. P. - Cavitation corrosion of diesel engines and methods for its control. p. 10.

Strolovskiy, V. V., Kuzenko, M. F. - Ways to improve the organization of the work and rest periods of locomotive crews. p. 20.

Seleznev, L. P., Karataev, V. G. - Measurement of rail-to-earth potentials and console-to-rail and overhead structures-to-rail resistances. p. 22.

D'yakov, A. F., Kovalev, F. G., Goroshnikov, M. E. - Observations concerning the design of ER8 electric trains. p. 21.

Prislinzhnikov, P. L. - Improved water pump gasket. p. 25.

Grishchenko, V. D. - Our method for grinding the armature of fan motors. p. 25.

Filsova, I. D., Sokolov, S. D. - Mobile traction substation with silicon rectifiers. p. 26.

Pavlov, S. F. - Gas-turbine locomotive "GPI" for passenger trains. p. 20.

Golovarov, I. M. - Modernized electric circuit of VL60 a.c. locomotives. p. 29.

Bulatov, O. L. - In case of failure of the quick-break switch on the VL8 electric locomotive. p. 32.

Romanov, N. V. - Move about the group can switch of the ChS2 electric locomotive. p. 33.

Papayin, G. A. - Advice on the operation of 2TE10L diesel locomotives. p. 35.

Kuklin, P. G., Zaitsev, V. F., Bukharin, E. N. - Efficient method for preventing interwinding circulating of the coils of electric machines. p. 37.

Borodulin, B. M. - Compensation of the reactive power in a.c. traction substations. p. 39.

Answering readers' queries. p. 41.

Information. p. 44.

ENIGROMASHINOSTROITEL'NAYA (POWER MACHINERY CONSTRUCTION). Organ of Gosudarstvennyy komitet (turbine, energeticheskogo i transportnogo mashinostroeniya pri Gosplane SSSR and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noy promyshlennosti [State Committee for the Manufacture of Heavy, Power, and Transportation Machinery, Attached to the State Planning Committee of the U.S.S.R. and the Scientific Technological Society of the Machinery Industry]. Leningrad, vol. 11, no. 8, Aug. 1965.

Table of contents translated:

Bukharin, N. N., Rasputin, A. I. - Study of duct-vaned diffusers of centrifugal compressors. p. 1.

Khanin, G. A., Leneva, D. M. - Axial compressor stage with reactance step $0.2-0.75$. p. 5.

Alekseev, O. N. - Method for determining the design parameters of the turbine stage of a turbocompressor operating on exhaust gases with variable parameters from a two-cycle diesel engine. p. 8.

Shvaritsman, S. M. - Choice of the rate of flow of steam in designing the superheaters of boiler units. p. 11.

Iakhina, V. A. - Interdepartmental tests of a 9000 kw. gas turbine system. p. 14.

Sudakov, A. V. - Calculation of the temperature of the wall of the flame tube of the combustion chamber of a gas turbine system. p. 15.

Rachko, V. A. - Effect of air content on heat emission during the condensation of steam. p. 17.

Bobozhev, A. V. - Use of nomograms in the design of multiple-stage ejectors. p. 21.

Shramkov, E. A. - Study of flow in the water conduits of a Francis-type hydraulic turbine. p. 25.

Gelfonboim, S. Kh. - Heat exchangers for closed-cycle type gas turbine systems. p. 29.

Saenko, V. G., Koff, I. L. - Calculation of the economic efficiency of power systems using electronic computers. p. 34.

Safonnikov, A. N. - Welding of high-carbon austenitic steel. p. 37.

Zysin, V. A., Davydov, V. S. - Heat emission of a flow about a cascade of blades carrying suspended moisture. p. 40.

Pylnev, N. I. - Cavitation resistance of steel. p. 42.

Zil'berstein, S. L. - Large turbine units of England and France and principal trends in the development of the turbine industry in those countries. pp. 43, 3 of cover.

Vol. 11, no. 9, Sep. 1965.

Table of contents translated

Markov, N. M. - Trends in the development of steam turbines in the U.S.S.R. and the course of research in this area. p. 1.

Zhukovskiy, M. I., Gukasova, E. A., Drozd, E. E. - Development and experimental study of the cascade of profiles of the root cross sections of the guide blade of the terminal stage of a large steam turbine. p. 3.

Zaidler, I. A. - Branching of disc slots in gas turbines. p. 6.

Killov, I. I., Pashcheniy, V. D. - Regulated double-rim turbine stage with bypassing of the second rim at high loads. p. 7.

Zaidler, I. A. - Development and use of new equipment and techniques in machining gas turbine blades using an electric method in the Nava Machinery Building Plant. p. 9.

Koski, I. U. F., and others. - Study of the moisture collectors of low-pressure turbine stages. p. 10.

Pomichuk, R. I., Solov'ev, V. N. - Study of circulation reliability of 425 mm. water walls of the TGM-94 boiler. p. 12.

Ivanov, A. G. - Adjustment and study of the operation of the burners of the PK-39 boiler. p. 14.

Krasakova, L. I., Gluski, B. N. - Study of the hydrodynamics of a flow in f -shaped pipes at near critical and supercritical pressures. p. 18.

Aleksandrovskiy, G. G., Loshchinskiy, G. A., Zimichev, I. I. - Measurement of bearing temperature of turbines manufactured by the Kharkov Turbogenerators Plant. p. 21.

Peresvetov, D. A., Poyololskiy, L. V., Chikun, N. B. - Temperature field of a turbine rotor cooled by a steam blast through round channels in blade roots. p. 24.

Kozlov, I. A., Bazhenov, V. G. - Evaluation of the strength of turbine discs. p. 28.

Ratner, A. V. - Testing of a model of steam inlet nozzles of the SVK-150 turbine manufactured by the Leningrad Machine-Building Plant. p. 31.

Kats, L. Kh. - Transient processes in a power system with a hydraulic torque converter. p. 33.

Shon, R. Z., and others. - Performance of the welded joints of steam pipes from austenitic steel; experience in the No. 1 thermal electric power plant of Chelyabinsk. p. 37.

Tsukerman, R. V., and others. - Auxiliary equipment of steam turbine electric power plants. p. 40.

Skluev, P. V. - Mechanical characteristics of discs and covers of steam turbines and air blowers. p. 42.

Kovarskiy, L. G. - Calculation of deflection of blast streams. p. 44.

Rozentblum, V. I. - Strength of steam turbine components during long-term operation. p. 49.

*** INZHENERNYI ZHURNAL [ENGINEERING JOURNAL].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 5, no. 5, 1965.

Table of contents translated:

Dyachkov, I. U. P. - Problem of the rolling of a solid body on a fixed surface. p. 803.

El'kin, I. U. G., Neldand, V. I. A. - Calculation of the characteristics of laminar separation areas. p. 812.

Utkin, A. I. - Applying Volterra integral to the problems of the flow about a cylindrical surface with superonic edges. p. 821.

Kuznetsov, V. M. - Dissipation coefficients in highly-nonequilibrium gas mixtures with binary collisions. p. 830.

Peropukhov, V. A. - Resistance of a plane normally placed in a rarefied gas flow. p. 844.

Pirapuu, A. A. - Calculating accommodation coefficients. p. 854.

Erofeev, A. I. - Free-molecular gas flow about a tapered cavity. p. 862.

Kuridin, N. S. - Stress concentration in a quasi-half-plane and other areas. p. 868.

Babaev, M. A., Tsurpal, I. A. - Biaxial uniform stressed state of a physically nonlinear plate with a circular hole. p. 876.

Abel', V. V. - Bending of a plate of arbitrary trapezoidal shape in the plane. p. 883.

Zarutskiy, V. A. - Design of reinforced cylindrical shells. p. 895.

Savel'ev, V. A. - Stability of a spherical shell with initial irregularities in the shape of the middle surface. p. 907.

Petrova-Deneva, A. - Design of shells of revolution with a positive curvature under the action of cyclic loadings. p. 916.

Manndov, I. S. - Stressed state of an annular membrane under heavy deformation conditions. p. 927.

Kim, G. N. - A possibility to write equations of the dynamics of a point system of variable mass. p. 936.

Sklyuchenko, S. I. U. - Longitudinal long-period disturbed motion of an airplane with floating fins. p. 940.

Rykov, V. A. - Non-dimensional solutions of the equations of magnetohydrodynamics. p. 945.

Fadcev, S. I. - Hydrodynamic acceleration of plasma in a discharge tube. p. 950.

Galkin, V. S. - Determining moments and forces acting on rotating bodies in a free-molecular flow and light flux. p. 951.

Shidlovskiy, I. I. - Some problems in the theory of gas lubrication taking temperature variations into consideration. p. 956.

Moroz, P. A., Pollanskaya, L. V. - Solution of some problems of unsteady fluid flow in a piping. p. 967.

Dum'lanov, I. U. A., Murzinov, I. N. - Regularities of a boundary layer resulting from the approximation of viscosity of uniformly dissociating air. p. 971.

Borova, T. V. - Stress concentration in a reinforced elastic space. p. 972.

Orksh, I. A. - Heavy deformations of zero-torque conical shells of revolutions. p. 976.

Zubchankov, V. G. - Elastoplastic stability of rods. p. 981.

Razdol'skiy, A. G. - Behavior of a centrally compressed rod beyond the proportionality limit. p. 991.

Il'yanov, K. K. - Vibrations of a gas-filled cylindrical shell. p. 996.

KHARKOV. INSTITUT INZHENERIV ZALIZNYCHNOHO TRANSPORTU. Trudy [INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. Moscow, no. 71, 1965. Problems of the track, its operation, maintenance and repair.

Table of contents translated

Zangeleko, V. I., Karast, V. I. A. - Norms of permissible train speeds under the conditions of a constricted track layout. p. 3.

Lashchenko, V. N. - Theoretical study of track deflection under a moving load taking its consequences into account. p. 15.

Rozanov, A. V. - Method for determining the coefficient of stability of the rail-and-tie system in a horizontal plane. p. 21.

Zotkin, G. V. - Effect of the vibrations of springless vehicle masses on rail corrugation. p. 31.

Novakovich, V. I. - Stresses in continuous rail tracks during maintenance work with the use of ballast cleaners. p. 40.

Moshalenko, G. V. - Application of operational calculus in rail design. p. 49.

Lashchenko, V. N. - Reaction of the rail-and-tie system to the dynamic longitudinal forces. p. 60.

Lubimov, E. A. - Results of the testing for strength of ties with various fastening systems. p. 64.

Zin'kovskiy, V. S. - Application of electric modeling in the design of continuous girders. p. 71.

Moskalenko, G. V. - Substantiation of the methodology for selecting the optimum traffic interval for a specific railroad section. p. 74.

KUZNECHNO-SITAMPOVOCHNOE PROIZVODSTVO [FORGING AND STAMPING]. Organ of Gosudarstvennyy komitet po mashinostroeniyu pri Gosplane SSSR and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noy promyshlennosti [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R. and the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 6, no. 9, Sep. 1964.

Table of contents translated:

Noritsyn, I. A., Kalpin, I. U. G. - Analysis of pulsation loading during upsetting. p. 1.

Kolpashnikov, A. I., and others. - Manufacture of parts of sintered aluminum powder SAP-2 and SAP-3 by pressing in closed dies. p. 7.

Maklakov, A. I. A. - Cold extrusion chain rollers. p. 7.

Vakhitov, B. F., Okhimenko, I. A. M. - Conditions of welding up internal cracks during the forging of ingots of high-alloy steel and alloys. p. 12.

Rempe, I. P. - Unit force in flat upsetting between rough plates. p. 16.

Tonienov, A. D. - The rate of drawing intricate-shape products. p. 20.

Shecheglov, B. A. - Evaluating the strength of forged parts of chemical apparatus by results of hydraulic testing. p. 23.

Peresovchikov, B. S. - Experimental determination of stresses in the foundation of a pneumatic hammer with a one-piece anvil. p. 25.

Gomonenko, V. G., Smolovik, V. V. - Equipment and method of the pulsation briquetting of scrap metal. p. 30.

Prokashov, A. M., Lun'kov, E. S. - Modernization of automatic presses for the forging of balls and rollers. p. 34.

Satanovskiy, L. G. - Standard semicontinuous furnaces. p. 37.

- Kharchevnikov, B. F., Monastirskii, A. A. - Die for the manufacture of chain links. p. 42
 Rabinovich, G. I. - Semiautomatic die-stamping of chain segments. p. 42
 Bugachev, I. F. - Reduction of metal waste from the riser end of an ingot in hydraulic press forging. p. 44
 Krivosheev, V. M. - Bending and hardening machine for sheet springs. p. 43.

MASHINOSTROITEL' [MACHINE BUILDER]. Organ of Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [Scientific-Technological Society of the Machinery Manufacturing Industry]. Moscow, no. 10, Oct. 1965.

- Table of contents translated:
 Kiselev, V. I. - Economic indices of quality. p. 1.
 Shukhal'ter, L. A. - Technological standards and production quality (to be concluded). p. 2
 Zuev, A. B., Masluchevich, A. V., Shilov, V. V. - Equipment for automatic temperature regulation of die-casting molds. p. 6
 Filimonov, A. V., Gorodnov, P. I., Panteleev, V. F. - Automatic line for manufacturing pins. p. 7
 Matorin, I. P. - Organization of equipment repair at the Gomel' Agricultural Machinery Plant. p. 8.
 Zhelezavskaya, G. D., Babenko, V. A. - New techniques in the reconditioning parts using hard electrolytic iron. p. 9.
 Chernyi, A. I. - Using computers in planning equipment repair. p. 11
 Krasilnikov, M. V. - Marking device. p. 13.
 Sal'tsevlch, V. A. - Attachments reducing auxiliary time. p. 14
 Grankov, L. M. - Ultrasonic thickness meter. p. 16.
 Akhmatov, E. A. - Automatic machine for manufacturing springs. p. 17.
 Gildinsova, E. M. - Designed at the Vitebsk Plant. p. 17.
 Timofeev, P. V. - Lubricating and cooling fluid. p. 19.
 Sushkov, I. S. - Graduating device. p. 20
 Garkunov, D. N., Lozovskii, V. N. - Frictional copper plating. p. 20.
 Porokhov, V. S., Bogachev, M. N. - Surface hardening of parts by shot peening. p. 21.
 This can be used in your enterprise. p. 22.
 Vakhurin, N. E. - Precise stamping of parts without burrs. p. 24
 Shneider, I. U. G. - Methods of finish machining of metals. p. 28
 Biriukov, I. V. - New packing materials. p. 28.
 Inventors suggest. p. 30.
 Naumov, N. F. - Winner of a medal of the Exhibition of the Achievements of the National Economy. p. 32.
 Zukin, G. G. - Some suggestions of innovator G. V. Parshin. p. 33.
 Gorbik, V. A. - According to the law of workers' honor. p. 34.
 Muslin, M. M., Egorov, M. P. - How to reduce labor consumption? p. 35.
 Sak-Shak, B. A., Fiebeleleva, L. S., Pietner, D. I. U. - Area of economic expediency for the use of multiple machining. p. 37.
 Kniazev, G. I. - Shortcomings in the intensification of the introduction of new equipment. p. 39.
 Sviatkin, B. K. - Efficiency of the use of precision billets. p. 40.
 Gavriluk, A. M. - Primary organization of the scientific and technological society at a plant and technological progress. p. 41.
 Dobroborski, S. I. - Vibration damping devices. p. 42.
 Markin, A. M. - New regulations for crane operation. p. 43.
 Blumberg, V. A. - Results of a conference. p. 47.

MOSCOW, ENERGETICHESKII INSTITUT. Trudy [POWER ENGINEERING INSTITUTE. Transactions]. Vol. 55, 1965.

- Table of contents translated:
 Kaganov, I. L. - Pedagogical and scientific work of the department of industrial electronics of the Moscow Power Engineering Institute. p. 5
 Labuntsov, V. A. - Transistorized-ionic frequency converter for the power supply of an asynchronous motor of a grinding electric spindle. p. 11
 Shevchenko, G. I. - Study of an autonomous parallel inverter using a locus technique. p. 21.
 Rivkin, G. A. - Semigraphical design of a series and series-parallel inverter. p. 35.
 Shevchenko, G. I., Popov, V. V., Konin, I. U. P. - Transistorized frequency converter. p. 45.
 Labuntsov, V. A., Nopirakovsky, I. - Saw-tooth pulse generator using transistors and ferrites for high-speed network control systems. p. 53
 Labuntsov, V. A., Gorbachev, G. N. - Transistorized control networks of multiphase autonomous inverters. p. 65.
 Labuntsov, V. A., Gorbachev, G. N., Savell'eva, A. A. - Transistorized frequency converter for the power supply of fluorescent lamps. p. 73.
 Lukin, A. A., Glebov, B. A., Golikov, V. I. U. - Transistorized device for systems of direct fuel injection in internal combustion engines. p. 81

- Glebov, B. A., Misaellian, B. G. - Two-cycle ring counter using transistors and magnetic elements. p. 81
 Obukhov, S. G. - Regulators of effective voltage with increased accuracy. p. 103
 Obukhov, S. G., Panteleimonova, L. V. - Precision-type a.c. voltage stabilizer. p. 113
 Obukhov, S. G., Kiselev, V. E. - Thermistor with increased accuracy using a transistor heat regulator. p. 121
 Samoilov, K. A., Fedosova, T. S., Goshenkov, I. U. N. - Frequency division using a nonlinear capacitance. p. 129
 Samoilov, K. A., Fedosova, T. S., Goshenkov, I. U. N. - Frequency division using a nonlinear capacitance and a negative resistance. p. 145
 Artamonov, V. V., Ivanov, N. A. - Regulated resistance-type transistor amplifier for use in servo systems. p. 153
 Lukin, A. A., Fyn Si-shan' [Feng Hsi-shan]. - Equivalent circuit of a transistor diode for the calculation of transient processes. p. 165
 Lukin, A. A., Fyn Si-shan' [Feng Hsi-shan]. - Pulse widener using charge storage in a semiconductor diode. p. 177
 Lukin, A. A., Fyn Si-shan' [Feng Hsi-shan]. - Transient processes in a keying circuit using transistor diodes. p. 185
 Nedoluzhko, I. G. - Calculation of transient processes in transistor current switching circuits. p. 193
 Sobolev, V. D., Antonov, I. M., Aleev, A. E. - Development of methods for calculating the permeability of thyristor control grids. p. 213
 Uralova, M. N. - Heating of oxide coated cathodes in ionic devices using a discharge current. p. 227.
 Voronchev, T. A. - Calculation of threshold modes of impulse thyristors. p. 239.

No. 59, 1965.

- Table of contents translated:
 Aleksandrovskii, N. M., Egorov, S. V. - Problems of the construction of adaptive control systems. p. 9.
 Egorov, S. V. - Adaptive dynamic models with adjustment according to statistical data. p. 43.
 Use of an analog computer in the construction of an adaptive system model. p. 85.
 Egorov, S. V. - System for feeding information to dynamic models. p. 77.
 Aleksandrovskii, N. M., Egorov, S. V., Meshatkin, V. P. - Predictive automatic control systems using dynamic models for one class of objects. p. 85.
 Dotsenko, V. I., Chkhartishvili, G. S. - Control system using models operating in an accelerated time scale. p. 103.
 Aleksandrovskii, N. M., Kuzin, R. E. - Special features of automatic optimizers for a certain class of industrial objects. p. 115.
 Kuzin, R. E. - Optimal filter for an automatic optimizer. p. 141.
 Madzharov, N. E. - Problems of statistical dynamics of discrete systems of automatic optimization. p. 159.
 Aleksandrovskii, N. M., Madzharov, N. E. - Study of single-dimensional "gradient-type" automatic optimization systems with presence of interference. p. 175.
 Aleksandrovskii, N. M., Kharitonov, A. N. - Use of computers in the control of complex industrial processes. p. 185.
 Krug, G. K., Sirmal, I. A., Tsvetayeva, I. L. - Use of a composite system in the study of complex industrial processes. p. 195.
 Kharitonov, A. N. - Method for solving a problem concerning maximum response time of objects, the dynamic characteristics of which are determined by an experimental method. p. 213.
 Egorov, S. V., Kosiak, A. A., Madzharov, N. E. - Generators of random numbers for the study of automatic control systems. p. 229.
 Svechnickii, V. B. - Features of increase reliability of discrete-type computing and controlling systems. p. 245.

MOSCOW, MOSKOVSKII INSTITUT INZHENEROV ZHELEZNOBOROZHNOGO TRANSPORTA. Trudy [MOSCOW INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. No. 180, 1965.

- Table of contents translated:
 Popov, P. - Special features of the people's state. p. 5.
 Goncharuk, B. - Objective prerequisites of the development of socialist democracy during the transition to communism. p. 25.
 Ashin, G. - Growth of the creative activity of the masses as a law of the building of communism. p. 37.
 Semenov, G. - Science as a spontaneous productive force of the communist society. p. 49.
 Bykov, V., Gerasimov, I. - The role of social sciences in the building of communism. p. 63.
 Karabanova, L. - Objective tendency of the development of standardization and specialization in production during the period of large-scale building of communism. p. 80.

- Mosolova, N. - Converting the labor into the most important living necessity of man. p. 82.
 Shemanin, G. - The movement for communist labor and the all-around development of personality. p. 100.
 Zolina, N. - Growth of the role of socialist ideology in the building of communism. p. 111.
 Sokolov, V., Ushakov, N. - Some problems of aesthetic education in the period of the building of communism. p. 121
 Ushakov, N. - Overcoming the survivals of capitalism in people's consciousness and conduct during the period of the building of communism. p. 131.
 Morozov, V. - Legal ideology and psychology of the socialist society. p. 143.

MOSCOW, VSELSOYUZYNI NAUCHNO-ISSLEDOVATELSKII INSTITUT "ZHELEZNOBOROZHNOGO TRANSPORTA. Trudy [ALL-URSS SCIENTIFIC RAILROAD INSTITUTE OF RAILROAD TRANSPORTATION. Transactions]. No. 286, 1965. Organization and technology of locomotive maintenance and repair.

- Table of contents translated:
 Lagutin, N. G., Podshibakov, A. B., Poleudin, M. V. - Problems of the organization of locomotive repair in repair plants. p. 4.
 Prokof'ev, A. A., Gali, I. E., Sarzhin, V. B. - Reconditioning of diesel locomotive parts. p. 50
 Glebov, K. A. - Use of reconditioned 2D109 diesel engine pistons rejected initially on grounds of the presence of crack nets in the bottom center. p. 93
 Tulin, V. I. - Analyzing the work of elastic transmissions for a hollow shaft to the wheel pin. p. 109.
 Stetsenko, E. G., Tikhonov, I. G. - Using the method of static indeterminacy in the design of crankshafts and determination of the wear geometry of crankshaft journals. p. 126.
 Dorokhin, P. N., Kiylov, V. A., Antropov, V. B. - Use of polyamide materials in the pins of the hinged couplings of the spring suspension of diesel locomotive trucks. p. 140.
 Dorokhin, P. N., Kiylov, V. A., Antropov, V. B. - Welded blocks of diesel locomotive engines and evaluation of their operative reliability. p. 152.
 Edel'shtein, M. I., Pint, V. I. - Methods for the repair and testing of locomotive roller- and ball-bearings. p. 165.

No. 292, 1965. Analysis of the work of rails on the track.

- Table of contents translated:
 Kulagin, M. I. - Effect of various types of rail on the residual deformations in the ballast bed. p. 5.
 Luk'yanov, A. V. - Formation of longitudinal unevenness of railheads during their rolling. p. 19.
 Melent'ev, L. P., Zolotarev, V. A., Sopin, L. A. - Field testing of rails. p. 54.
 Kulagin, M. I. - Using grinding to eliminate unevenness on the roller face of rails. p. 70.
 Melent'ev, L. P., Tsurkan, I. G. - Grasp lubricants reduce the wear of wheel flanges and rails. p. 104
 Vukhtenko, V. I. - Operational strength of standard make R50 rails. p. 114.
 Baulin, I. S., D'Isakov, V. N. - Improving the quality of standard make rails manufactured from Mn-Al steel. p. 168.
 Tskunov, P. P. - Establishing the norm of the periodicity of rail exchange and basic principles of the utilization of reconditioned rails. p. 184.

No. 294, 1965.

Contents - Malov, A. D. [Fastening of goods on platform freight cars for transportation under high-speed traffic conditions] Kipyatnye greyova na otkrytom podvyznom sostave dlia perevozki pri vysokikh skorostakh dvizheniya. 166 p.

OMSK, INSTITUT INZHENEROV ZHELEZNOBOROZHNOGO TRANSPORTA. Trudy [INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. Vol. 43, 1963.

- Table of contents translated:
 Shoveluk, R. M. - Method for measuring and evaluating random interference. p. 3.
 Bessonenko, A. V. - Electrical field of the stray current of an electrified railroad in a two-layer media. p. 11.
 Tsygankov, V. I. - Use of the laws of conversion of a fractional linear function in the study of the properties of four-terminal networks. p. 23.
 Kurovskii, M. V. - Parameters of track circuits with frequencies of 25, 50, and 75 cycles. p. 35.
 Bezdenozhnyi, E. V. - Quantitative evaluation of the interference level in track circuits with automatic block systems and a.c. traction. p. 47.
 Shoveluk, R. M. - Analysis of the hookup of station transmitters with phase wires. p. 61.
 Bessonenko, A. V. - Method for calculating the electrical field of stray current in a two-layer media. p. 77.
 Sokolov, V. I. - Problems of analysis and calculation of overlay track circuits. p. 91.

- Voronov, R. A., Varfolomeev, G. N. - Derivation of a principal magnetization curve using an electronic oscillograph. p. 101.
- Chupakhin, V. V. - Inductive effect of electric power transmission lines in partial phase operation on overhead communication lines. p. 107.
- Varfolomeev, G. N. - Analysis of the operation of the master oscillator of a static frequency converter. p. 117.
- Levin, B. A. - Simplification of the use of a matching method in the calculation of circuits with one valve element. p. 127.
- Varfolomeev, G. N. - Static d.c. to single-phase a.c. converter with regulated frequency. p. 135.
- Zarhiko, V. N. - Graphical representation of a transient process in the circuits of a single-phase rectifier bridge with an inductive load. p. 145.
- Zarhiko, V. N. - Calculation of transients in the load circuit of a single-phase bridge rectifier. p. 155.
- Lisunov, V. N. - Autotransformer converter of a single-phase system to a symmetrical three-phase system. p. 167.
- Varfolomeev, G. N. - Three-phase static frequency converter. p. 177.
- Ritadinskii, A. S. - Discrete-type millisecond meter. p. 187.
- Levin, B. A. - Calculations of periodic processes in rectifier networks. p. 199.
- Karasov, M. F., Koylov, V. N. - Essence of errors in the theory of "small current steps" in the commutation of d.c. machines. p. 211.

Vol. 43, pt. 2, 1963. Design, operation, maintenance and repair of cars.

- Table of contents translated.
- Dyckho, A. A. - Effect of relative friction on the dynamic characteristics of cars. p. 5.
- Dyckho, A. A. - Effect of coupling centering systems and transverse friction forces in the point of application of wheels and bearings on the wobbling vibrations of cars. p. 11.
- Dyckho, A. A. - Analytical dependence of the coefficient of friction on the thickness of oxide and soft metal films applied to the surface of friction. p. 27.
- Dyckho, A. A. - Theory of the friction of elastic vibrations determining the dependence of the first displacement on the module of elasticity, velocity, pressure, area, roughness, and temperature. p. 37.
- Dyckho, A. A. - Dependence of the coefficient of friction on the molecular and kinetic processes in dry friction. p. 59.
- Dyckho, A. A. - Coefficient of friction in impact load and role of thin films in the distribution of contact stresses. p. 75.
- Dyckho, A. A., Dyckho, K. A. - Molecular and kinetic phenomena and processes of decarburization, nitration, hydrogen absorption and oxidation in dry friction. p. 87.
- Dyckho, A. A. - Physical aspects of the effect of low temperatures on the mechanical properties of metals. p. 97.
- Dyckho, A. A., Dyckho, K. A. - Capillary processes in sliding antifriction bearings demonstrating the relation between the surface tension of the lubricant and liquid friction. p. 109.
- Dyckho, A. A. - Effect of the difference in the potentials of the friction surface of metals on the coefficient of friction. p. 117.
- Stepanov, V. D. - Some problems of the analysis of the performance of continuous conveyor lines for the repair of freight cars. p. 127.
- Stepanov, V. D. - Use of hard facing in a carbon dioxide atmosphere in the repair of car parts. p. 143.
- Lombroso, I. M. - Determining the low limit of stability of an orthotropic cylindrical shell with initial deflection elongated in one direction. p. 149.
- Lombroso, I. M. - Methodology of the design for stability of roofs for all-metal cars. p. 163.
- Efimov, L. D. - Effect of vibratory systems on the stability of dump cars during unloading. p. 187.
- Zinabitsov, V. I. A. - Using the vibration method in unloading dump cars. p. 193.
- Dyckho, A. A. - Effect of stresses in the friction surface layer of bodies on the coefficient of friction and wear. p. 197.
- Dyckho, A. A. - Studying the coefficient of friction at low temperatures. p. 211.
- Dyckho, A. A. - Physical aspects of the nature of friction, wear and freezing of metals at low temperatures. p. 221.

POVYSHENIE SKOROSTI BUMAGODELATEL'NYKH MASHIN [IMPROVING THE SPEEDS OF PAPER-MAKING MACHINERY]. Issued by Tsentral'nyi institut nauchno-tekhnicheskoi informatsii bumaznoi i derevobrabatyval'skoi promyshlennosti [Central Institute of Technical Information of the Paper and Woodworking Industry] Moscow, no. 1, 1962.

- Table of contents translated:
- Dabinskii, A. S. - Automatic guiding systems for screen and felt setting: Place of the screen and felt setting device. p. 4.
- Types of automatic guiding systems. p. 7.
- Guiding systems with contact pulse mechanisms. p. 8.
- Automatic felt settings. p. 18.

- Guiding systems with contactless pulse mechanisms p. 24.
- Membrane (diaphragm) power guide for automatic screen and felt settings. p. 37.
- Shturmanovskii, V. I. - Use of suction cylinder couches in automatic sheet handling machines. Some design characteristics of automatic sheet handling machines. p. 39.
- New methods for transporting paper sheets from the screen to the press section. p. 46.
- [MICROFILM]

* PRIBOROSTROENIE [INSTRUMENT MANUFACTURE]

- Organ of Gosudarstvennyi komitet po priborostroeniiu, sredstvam avtomatizatsii i sistemam upravleniia pri Gosplane SSSR i Tsentral'noe pravleniie Nauchno-tekhnicheskogo obshchestva priborostrotel'noi promyshlennosti [State Committee for Instrument Manufacture, Means of Automation, and Control Systems, Attached to the State Planning Committee of the U. S. S. R., and the Central Administration of the Scientific and Technological Society of the Instrument Industry]. Moscow, no. 9, Sep. 1965.
- Table of contents translated:
- Iakobson, B. M. - Organizing combined centralized systems of industrial management. p. 1.
- Druk, R. V., Kogan, A. V. - Effective wave lengths of some glasses used in pyrometry. p. 4.
- Usmanov, Kh. G. - Kinematic design of planetary transmissions with flexible links. p. 6.
- Leitman, M. B. - Transistorized pulse duration modulator. p. 7.
- Blinder, M. I. - Logical units "Pamiat'" and "Vydel'-zhka vremenii". p. 8.
- Grebenshchikov, V. N., Krut'ko, V. O. - Recording unit with an analog-to-digital converter. p. 10.
- Marlufshov, V. N. - Integrating galvanometer. p. 12.
- Chubarov, R. P. - Using translator circuits in controlling gas counting tubes. p. 13.
- Turchenkov, V. I. - Electronic time relay with dependent characteristics and with a long delay time at minor time constants. p. 15.
- Mishkevich, R. I., and others. - Relaxation strength of spring alloys. p. 17.
- Stukolov, P. M. - Methods for determining the quantity of instruments required. p. 20.
- Sobolev, V. V. - Two self-control circuits for the distributing step-by-step devices. p. 22.
- Adas'ko, V. I. - Amplifier of the photoelectric input unit for the "VNIEM-1" control computer. p. 23.
- Alekseev, E. A., and others. - Temperature dependence of elastic properties of thin-sheet spring alloys. p. 25.
- Kovalov, A. M., Kotov, V. N. - Source of calibrating voltage. p. 27.
- Starostin, V. I. - Using the EMU-10 electronic computer for the simulation of objects with a long intrinsic delay. p. 28.
- Barkan, I. M. - Control system for a powerful electro-magnet. p. 28.
- Gorokhov, L. P. - Multichannel angel-to-code converter. p. 29.
- Bulovskii, P. I., Mitrofanov, S. P., Schneider, I. U. G. - All-Union conference of institutions for higher education on the problems of advanced technology in instrument manufacture. p. 30.

PRIKLADNAIA MEKHANIKA [APPLIED MECHANICS]

- Issued by Otdel'naia matematika, mekhanika i kibernetika Akademii nauk Ukrain'skoi SSR [Department of Mathematics, Mechanics, and Cybernetics of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 1, no. 9, 1965.
- Table of contents translated:
- Savin, G. N., Koltman, I. I. - Nonlinear effects in problems of stress concentration at the boundaries with reinforced edges. p. 1.
- Perederii, S. K. - Cylindrical shell under the action of a concentrated radial loading. p. 14.
- Zhikhovich, E. V. - Calculation of cylindrical shells for concentrated actions. p. 20.
- Panasjuk, V. V. - Fracture of brittle bodies under flat stressed state conditions. p. 26.
- Maloshko, S. I. - Elastoplastic bending of rigid plates under the action of lateral loading. p. 35.
- Legenia, I. D. - Stability of a thick plate under the action of evenly distributed tangential stresses. p. 45.
- Konstantinov, A. Kh. - Approximate derivation of Green's tensor for a thick tapered panel. p. 52.
- Alpert, V. N. - Ultimate elastoplastic deformations of an unevenly heated rotating disk. p. 58.
- Stroil'bitskii, A. I., Evsenko, G. I. - Experimental investigation of a plastic biaxial bending and torsion of thin-walled rods. p. 65.
- Zorn, A. N., Rozovski, M. I. - Method for the interpretation of the irrational function of an integral operator. p. 81.
- Shevlyakov, I. U. A., Naumov, I. U. A. - Determining the sagging of a multilayer foundation. p. 89.
- Kaluk, I. A. F. - Dynamic stability of a rod subjected to a longitudinal impact. p. 98.
- Toront'ev, V. N., Filippov, A. P. - Forced steady-state vibrations of infinite beams supported by an elastic semispace. p. 107.
- Gonkovich, V. S. - Natural vibrations of elliptical plates and membranes. p. 115.

- Borisenko, L. N. - Plotting Burmester's curves and points according to a given motion of Boly's point. p. 119.
- Rabich, I. U., Kaminskii, A. A. - Critical loads originating cracks at the boundary of an elliptical hole. p. 124.
- Kerimov, R. U. - Development of plastic zones at the boundary of a circular hole caused by uniaxial stretching of a plate. p. 128.
- Zagubichenko, P. A., Gashko, A. L., Litvinenko, I. U. A. - Stress distribution in the contact area of a rigid cylinder and a flexible support. p. 131.
- Grinchenko, V. T., Ulitsko, A. F. - Bending of a rigidly fastened square plate. p. 134.

REFERATIVNYI ZHURNAL: AVTOMOBIL'NYI I GORODSKOI TRANSPORT [JOURNAL OF ABSTRACTS: AUTOMOTIVE AND CITY TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 10-11, Oct.-Nov. 1965. [This journal is also issued in parts.]

REFERATIVNYI ZHURNAL: Dvigatel' Vnutrennego Sgoraniia (Otdel'nyi vypusk 39) [JOURNAL OF ABSTRACTS: INTERNAL COMBUSTION ENGINES (Separate Issue 39)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 9-10, Sep.-Oct. 1965.

REFERATIVNYI ZHURNAL: FOTOKINOTEKHNIKA (Otdel'nyi vypusk 46) [JOURNAL OF ABSTRACTS: PHOTOGRAPHIC AND MOTION-PICTURE EQUIPMENT (Separate Issue 46)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 10, Oct. 1965.

REFERATIVNYI ZHURNAL: KOTLOSTROENIE (Otdel'nyi vypusk 42) [JOURNAL OF ABSTRACTS: BOILER MANUFACTURE (Separate Issue 42)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 11, Nov. 1965.

REFERATIVNYI ZHURNAL: Mashinostroitel'nye Materialy, Konstruktsii i Raschet Detalii Mashin (Otdel'nyi vypusk 48) [JOURNAL OF ABSTRACTS: MATERIALS FOR MACHINERY MANUFACTURE AND THE DESIGN OF MACHINE PARTS HYDRAULIC DRIVE (Separate Issue 48)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 9-11, Sep.-Nov. 1965. Predmetnyi ukazatel' za 1964 g. [Subject Index for 1964], publ. 1965.

REFERATIVNYI ZHURNAL: NAsosostroenie i Kompessorostroenie (Otdel'nyi vypusk 61) [JOURNAL OF ABSTRACTS: MANUFACTURE OF PUMPS AND COMPRESSORS (Separate Issue 61)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 10-11, Oct.-Nov. 1965.

REFERATIVNYI ZHURNAL: Oborudovanie Pishchevnoi Promyshlennosti (Otdel'nyi vypusk 38) [JOURNAL OF ABSTRACTS: EQUIPMENT OF THE FOOD INDUSTRY (Separate Issue 38)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 5, 10-11, May, Oct.-Nov. 1965.

REFERATIVNYI ZHURNAL: Promyshlennyyi Transport [JOURNAL OF ABSTRACTS: INDUSTRIAL TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 10-11, Oct.-Nov. 1965. [This journal is also issued in parts.]

REFERATIVNYI ZHURNAL: Stroitel'nye i Dorozhnye Mashiny (Otdel'nyi vypusk 60) [JOURNAL OF ABSTRACTS: CONSTRUCTION EQUIPMENT AND ROAD MACHINERY (Separate Issue 60)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 10-11, Oct.-Nov. 1965. Predmetnyi ukazatel' za 1964 g. [Subject Index for 1964], publ. 1965.

REFERATIVNYI ZHURNAL: Teploenergetika [JOURNAL OF ABSTRACTS: HEAT ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 10, Oct. 1965.

REFERATIVNYI ZHURNAL TRAKTORY I SEL'SKOKHOZIAISTVENNYE MASHINY I ORUDIYA (Otdel'nyi vypusk 44) [JOURNAL OF ABSTRACTS TRACTORS AND AGRICULTURAL MACHINERY AND EQUIPMENT (Separate Issue 44)] Issued by Institut nauchnoy informatsii Akademi nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos 9-10, Sep.-Oct. 1965. Predmetnyi ukazatel' za 1964 g. [Subject Index for 1964], publ. 1965.

REFERATIVNYI ZHURNAL TEKhnOLOGIIA I OBORUDOVANIE TSELLULOZNO-BUMAZHNOGO I POLIGRAFIKESKOGO PROIZVODSTVA (Otdel'nyi vypusk 37) [JOURNAL OF ABSTRACTS TECHNOLOGY AND EQUIPMENT OF THE WOODPULP, PAPER, AND POLYGRAPHIC INDUSTRY (Separate Issue 37)] Issued by Institut nauchnoy informatsii Akademi nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos 9-10, Sep.-Oct. 1965.

REFERATIVNYI ZHURNAL TRUDOPROVODNYI TRANSPORT (Otdel'nyi vypusk 45) [JOURNAL OF ABSTRACTS PIPELINE TRANSPORTATION (Separate Issue 45)] Issued by Institut nauchnoy informatsii Akademi nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos 10-11, Oct.-Nov. 1965.

REFERATIVNYI ZHURNAL TURBOSTROENIE (Otdel'nyi vypusk 49) [JOURNAL OF ABSTRACTS TURBINE MANUFACTURE (Separate Issue 49)] Issued by Institut nauchnoy informatsii Akademi nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no 10, Oct. 1965.

REFERATIVNYI ZHURNAL VOPROSY TEKHNIKESKOGO PROGRESSA I ORGANIZATSI PROIZVODSTVA V MASHINOSTROENII (Otdel'nyi vypusk 35) [JOURNAL OF ABSTRACTS PROBLEMS OF TECHNOLOGICAL PROGRESS AND THE ORGANIZATION OF PRODUCTION IN THE MACHINERY INDUSTRY (Separate Issue 35)] Issued by Institut nauchnoy informatsii Akademi nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no 11, Nov. 1965.

REFERATIVNYI ZHURNAL VZAMODEISTVIE RAZNYKH VIDOV TRANSPORTA I KONTEINERNYE PEREVOZKI (Otdel'nyi vypusk 31) [JOURNAL OF ABSTRACTS CONTAINER SHIPMENTS AND THE INTERACTION OF VARIOUS TYPES OF TRANSPORTATION (Separate Issue 31)] Issued by Institut nauchnoy informatsii Akademi nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos 10-11, Oct.-Nov. 1965.

REFERATIVNYI ZHURNAL ZHELEZNODOROZHNYI TRANSPORT [JOURNAL OF ABSTRACTS RAILROAD TRANSPORTATION] Issued by Institut nauchnoy informatsii Akademi nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos 10-11, Oct.-Nov. 1965. [This journal is also issued in parts.]

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Izvestiya vsshikh uchebnykh zavedeniy, priborostroyeniye [Ministry of Higher and Secondary Special Education, Bulletin of the Institutions of Higher Learning, Machine Manufacture], Moscow, no. 8, 1965.

Table of contents translated
Sukhina, I. A. - A method for solving technical problems in parallel projections, p. 5.
Shcherba, I. I. - Designing a seven-bar lever mechanism with a circular discontinuous motion of the follower having a given degree of the angular deviation during its function period, p. 10.
Kurov, B. A. - Interpretation of spur gear wheels machined with gear cutters, p. 16.
Istrebov, V. M., Lanchenko, T. A. - Period of contact of an internal engagement with a small difference in tooth number, p. 23.
Shaumian, G. G. - Determining the pressure angles of cams, p. 31.
Feldman, L. A. - Determining the value of the static friction coefficient at high pressures, p. 36.
Makarov, E. S. - Poly-frequency vibrator with a non-circular-wheel mechanism, p. 42.
Groza, V. F., Shorokh, E. A. - Static calculation of a crankshaft on many flexible supports, p. 46.
Gribanovskaya, L. V., Karanyshkin, V. V. - Determining jamming moments in support bearings of a vibratory stand used for fatigue tests under alternating bending and continuous tension conditions, p. 52.
Avchenko, K. F. - Motion and vibrations of a rod under the action of forces at its ends, p. 59.

Reiderman, I. U. - Calculating optimal tightening stress of bolts of flanged joints with a contact along the entire leaning surface, p. 67.
Bogdanov, O. I., Rudenko, M. P. - Hydraulic lubrication of sliding bearings, p. 73.
Palamanenko, A. Z. - Calculating engineer N. D. Vainer's multiplate clutch, p. 78.
Evdorinov, V. D. - Unequal wear of nonmetallic friction specimens, p. 83.
Tsfas, B. S. - Calculating tightened threaded joints for impact loading, p. 87.
Rakhovskii, O. A. - Calculating the torsional rigidity and compensating ability of a clutch having a tapered rubber plate, p. 93.
Nechaev, L. V. - Heating characteristics of vehicle engines with a fluid cooling system, p. 98.
Evenko, V. I. - Effect of the volume of a receiver and phase regulator on the performance of a free-piston gas producer, p. 108.
Cherkashinov, V. I. - Some problems in the dynamics of a pneumatic pressure regulator, p. 115.
Medluk, N. F., Dronin, M. I. - Selecting working characteristics of brake drives for tractor trams, p. 120.
Galashin, V. A. - Road testing of the diaphragm-type pneumatic suspension of a motor vehicle, p. 126.
Kachugin, V. E. - Calculating hydro-pneumatic suspensions of a motor vehicle, p. 134.
Belanin, V. V. - Dynamic digging of heavy soils, p. 141.
Obernukhin, V. I. - Operating conditions of a vertical screw conveyor in soil transportation, p. 148.
Bezheletova, E. F. - Effect of the geometrical parameters of plastic bushing parts produced by die casting on the degree of shimming, p. 157.
Gusev, A. A. - Some problems of precision in automatic assembly of parts having cylindrical conjugating surfaces, p. 162.
Augustinits, V. V. - Experimental investigation of torsional vibrations of lathe spindle in discontinued cutting, p. 170.
Kallupin, V. V. - Effect of the self-excitation of natural vibrations in the cutting area, p. 176.
Korobov, I. U. M. - Finish turning of the 45G17US low-magnetic steel, p. 182.
Malinin, N. N., Shushov, A. A. - Plastic flexure of a sheet at heavy deformations, p. 187.
Ivanchenko, F. K. - Slipping and natural vibrations in rolling mills, p. 193.

*RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Izvestiya vsshikh uchebnykh zavedeniy, priborostroyeniye [Ministry of Higher and Secondary Special Education, Bulletin of the Institutions of Higher Learning, Instrument Manufacture], Moscow, vol. 8, no. 5, 1965.

Table of contents translated
Sobolevskii, K. M., Mantush, T. N. - Counting down of pulses by the diagram of a parallel connection of dividers, p. 3.
Ismailov, Sh. U., Kortelmev, L. P., Nechaev, G. I. - Analysis of the performance of a parametric amplitude-pulse modulator, p. 10.
Kharatshvili, N. G. - Measuring the Q-factor of circuits with a nonlinear inductance, p. 15.
Kornev, L. P., Kilvetzskii, A. A. - Measuring the effective transmission band of resonance system frequencies, p. 18.
Sidiakhin, V. F. - Measuring current and voltage transformers, p. 22.
Shikhov, V. M., Siniukov, V. P., Petrov, O. A. - Semiconductor meter of the magnitudes of charges of static electricity, p. 24.
Golota, S. I. - Automatic measurement and density regulation of pulp by the microwave method, p. 27.
Prokhorzhenskii, A. A. - Experimental determination of the demagnetization factor of hollow bodies using the phenomenon of magnetic shielding, p. 33.
Maovskii, O. A., Kollinay, O. P. - Device for measuring control, conduction, and commutation angles of rectifiers of converter units, p. 37.
Likerman, D. I. - Optimal transient process in linear systems with fractional rational transfer functions, p. 44.
Smol'nikov, L. P., Khokhlov, V. A. - Design of a non-linear instrumental servosystem, p. 49.
Koshtuk, V. I. - Structure of frequency filters of a self-adjustment circuit, p. 52.
Atamanenko, N. N. - Digital representation of values expressed by a linear frequency signal, p. 57.
Karpov, E. M. - Motion stability of the moving part of the receiver of a synchronous servosystem with two degrees of freedom, p. 62.
Anishin, N. S., Rekus, G. G. - Principles for the combination of operation and long-duration memory devices, p. 65.
Efimov, I. U. N. - Capacitive parametron with five stable states, p. 72.
Glazov, M. N. - Converter of electric voltage to the angle of shaft turn and digital number-pulse code, p. 75.
Kuznetsov, V. S. - Determining permitted range for temperature variations of the surrounding medium and the power supply voltage by conditions of a steady operation of ferrotransistor cells, p. 80.

Rozenblum, I. A. - A method for the synthesis of majority systems, p. 86.
Litvin-Sedoi, M. Z. - Nondisturbance of a gyrodynamical pendulum, p. 91.
Riabov, A. B. - Conditions for the presence of a constant pressure center in a body of a complex geometrical shape, p. 91.
Sliv, E. I., Uzkala, M. A. - Effect of elastic properties of supporting elements of a gyrodynamical pendulum on the frequency of its natural vibrations, p. 97.
Tsodikov, I. U. M. - Increasing the sensitivity of a wire accelerometer, p. 101.
Lindqvist, I. G. - Simple determination of the displacement-error function of toothed mechanisms in case of differential control methods, p. 110.
Radchik, A. S. - Multicell dynamometer in use-dancer with helical converters, p. 115.
Pishehik, G. I., and others. - Internal stresses caused by the coating of optical plane parallel plates with synthetic glue "Bakramin", p. 120.
Kucelin, V. V., Platunov, E. S. - Metal thermometer used in thermophysical investigations, p. 126.
Volkov, V. G., Polopchenko, I. P., Shmidt, H. D. F. - High-frequency resistance thermometer, p. 131.
Pislov, R. S., Terebikh, A. D. - Calculating fluid and viscosity vacuum gauges and thermomechanometers, p. 135.
Tuzenkov, B. A., Chalkin, I. I. - Precision temperature regulator with photoresistors, p. 140.
Zheludkov, V. N. - Designing a symmetric cross hinge, p. 143.
Kapustina, T. P., Pozokhova, T. G., Tainovskaya, L. V. - Structure of the surface layer of polished silt on plates, p. 152.
Kryzhanovskii, I. I. - Classification of the types of scientific motion-picture photography and of the names of motion-picture cameras, p. 154.
Sergei Petrovich Mikhonov, on the occasion of his 50th birthday, p. 161.
Isa Gerasimovich Kladakin, on the occasion of his 70th birthday, p. 164.

*STANKI I INSTRUMENT [MACHINE TOOLS AND MEASURING TOOLS]. Organ of Gosstatisticheskii komitet po mashinostroyeniyu pri Gosplane SSSR and Tsentrallye pravleniye Nauchno-tekhnicheskogo obshchestva mashinostroyeniya pri promyshlennosti [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific-Technological Society of the Machinery Industry] Moscow, vol. 36, no. 9, Sep. 1965.

Table of contents translated:
Vul'fson, I. A., Zemanov, V. G., Rabinov, V. A. - Automatic control of cutting conditions on program controlled milling machines, p. 1.
Naidis, V. A., Metel'skiy, A. M. - Selecting a dynamic braking system of short-circuited asynchronous motors for machine tools, p. 5.
Kogan, G. I., Sazonov, V. N. - Grinding elliptical teeth of spur gear wheels, p. 10.
Nemirovskii, I. A., Vashenkov, O. I., Kondratenko, I. U. A. - Graphoanalytical investigation of non-linear processes in hydraulic systems of machine tools, p. 13.
Margolit, R. B. - Design of attachments with magnets made of highly convex materials, p. 16.
Kupershtmidt, Sh. N., Sarkisov, I. E. - Effect of electromagnetic fields on the performance of polarized relays, p. 20.
TSymbal, I. L. - Effect of the evocative in parts of a Maltese cross transmission on its performance, p. 21.
Avdeyev, A. N., Shuster, V. L. - Distortion of part profile in recording the roundness of parts, p. 22.
Birlukov, G. S., Tavit, A. B. - Lapping tool with a pneumatic-hydraulic diameter regulation, p. 25.
Liberman, A. I. - Correction of the profile of involute broaches, p. 26.
Smirnov, M. D., Reznikov, A. N., Tashin, G. G. - Investigating stresses in drills, p. 30.
Remizov, D. D., Trubnikov, I. U. V. - Vibrations caused by hole reaming, p. 33.
Petrav'ev, A. G. - Strength of diamond disks used in cutting semiconductor materials, p. 35.
Gribov, I. U. P., Zharkov, A. I., Shnykin, I. P. - Drill for machining deep holes in aluminum alloys, p. 36.
Lapointnikov, K. N. - Device for measuring a slot of hole with involute splines, p. 36.
Chernikov, P. V. - Rolls for simultaneous burnishing of the two ends of parts, p. 38.
Sul'teyevich, V. A. - Lathe attachment for knurling graduations on dials, p. 39.
Kozlov, V. T. - Increasing the durability of emulsions, p. 39.
TSukerman, I. U. V. - Automatic dividing attachment for rough broaching of teeth of bevel gear wheels, p. 40.
Abramkin, A. G., Richka, I. T. - Device for producing henter coils with a given pitch, p. 41.
Akirin, R. V. - Deburring tools, p. 41.
New machine tools, p. 41.

STROITEL'NYE I DOROZHNYE MASHINY [CONSTRUCTION AND ROAD MACHINERY]. Organ of Gosudarstvennyi komitet stroitel'nogo, dorozhnogo i kommunalnogo mashinostroeniya pri Gosstat SSSR [State Committee for the Manufacture of Construction, Road, and Communal Machinery, Attached to the State Committee for Construction in the U.S.S.R.]. Moscow, vol. 10, no. 9, Sep. 1965.

- Table of contents translated.
- Alimov, O. D., Basov, I. G., Zeltiger, I. I. - Experimental investigation of cutting conditions of frozen grounds with an earth-digging machine p. 1.
- Kuchin, V. F., Zubovskii, L. D., Barskov, A. P. - Vibratory-percussion loosening of frozen ground p. 4.
- Iskov, E. D., and others. - The VP-25 vibratory-percussion machine for loosening frozen grounds p. 5.
- Dvoynikh, M. A. - Improving the performance of wheel-type excavators in cutting frozen grounds p. 6.
- Alekseeva, T. V. - Selecting the basic parameter of the hydraulic displacement drive for earthmoving machines p. 8.
- DeLacy, B. E., and others. - Unit for preparing road emulsions p. 11.
- Gel'dshein, A. I., Maryshev, B. S., Veitsman, M. I. - Foreign machinery for the construction of bituminous roads p. 13.
- Centrifugal clutches p. 15.
- Gel'dshein, V. M. - Performance of a centrifugal clutch p. 15.
- Sergeev, M. P., and others. - Investigating the operating tension of the carrying system of the S-100GP tractor with the D-493 bulldozer p. 18.
- Puhylytskii, M. P. - Bitumen unit for applying hydraulic insulation p. 20.
- Ostrovskiy, N. A. - Tires for static-action rollers p. 21.
- Utkin, V. S. - The ANM-5 machines for winding and stretching annular reinforcements on a reinforced concrete tank p. 24.
- Rusakov, K. I., Sychev, I. U. - New equipment for stone working p. 26.
- Bolotnyi, A. V. - Disk-type smoothing machines for reinforced concrete products p. 30.
- Kadanov, I. R. - Results of testing the TUM-875 sidewalk cleaning machine p. 32.
- List of serial building and finishing machines and auxiliary equipment p. 33.
- Buiman, V. A., Malinovsky, I. I. U. - Using the method of mathematical simulation for accelerating research work p. 35.
- Konushaia, I. U. P. - Defend the priority and national interests in the field of inventions and discoveries in the U.S.S.R. p. 37.
- Khoiashlov, N. N. - From the history of building and road machinery; the first digging machines in Russia p. 39.

Vol. 10, no. 10, Oct. 1965.

- Table of contents translated.
- Levinson, A. L., Kosolapov, V. G. - The new S-870 pile driver unit p. 1.
- Ulianov, N. A., Tarnov, V. N. - Effect of the tire tread design on tractive properties of self-propelled earthmoving machines p. 2.
- Zlatopol'skii, A. V., Bagirov, D. D. - Requirements of internal combustion engines for construction and road machinery p. 4.
- List of road machines manufactured in series by the construction and road machinery plants p. 6.
- Khodov, M. P., Poltashchuk, L. A. - The SKG-40 crawler-type diesel-electric crane p. 9.
- Eysakov, A. G. - Interchangeable equipment of jib cranes p. 12.
- Ulianov, N. A., Al'gin, N. P., Boisenkov, V. A. - The D-538 bucket loader p. 15.
- Shashkov, I. P. - New-type vibratory conveyor p. 17.
- Frenkel', M. I., Berenboim, M. B., Mundel'blat, M. M. - Counter of volumetric productivity of conveyors p. 10.
- Zarembo, E. G., Zakharov, B. V., Korneev, A. A. - Analyzing the causes of a premature breakdown of the differential of running gear of the E-302 excavator p. 20.
- Pomerantsev, A. V. - Engineering methods for the determination of parameters of the rotor wheel of an excavator p. 21.
- Artamonovich, G. V., and others. - Using hard-alloy tools in boring frozen soils with the BKM machines p. 24.
- Fornin, G. N., Chubarov, N. A. - Increasing the durability of the turning gear mechanism of universal excavators p. 25.
- Rybelenko, G. A. - Hydraulic drive of a crawler tread locking mechanism p. 26.
- Koval', N. G., Kuznetsov, S. I. - The SM-210K mill p. 27.
- Gershkovich, P. M., Khel'tets, M. B. - Device for hermetic sealing of panel joints p. 29.
- Vodop'ianov, I. L., Volchek, V. I., Fedorov, M. T. - Reliability of jaw-type crushing machines p. 30.

- Pankratov, S. A., Egorov, M. V. - Dynamic processes in cone-shaped machines for coarse-crushing p. 32.
- Nemchinskii, A. B. - Efficiency of traveling elevators in the construction industry p. 34.
- Avram Aleksandrovich Bromberg, obituary p. 38.

TRAKTORNY I SEL'KHOZMASHINY [TRACTORS AND AGRICULTURAL MACHINERY]. Organ of Gosudarstvennyi komitet avtotraktorov i sel'skokhozyaistvennogo mashinostroeniya pri Gosstat SSSR [State Committee for the Tractor and Agricultural Machinery Industry, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, no. 8, Aug. 1965.

- Table of contents translated.
- Vitabov, R. V. - Plotting rating diagrams of engine moments during the starting of a tractor machinery unit p. 1.
- Dmitrichenko, S. S., and others. - Effect of the traveling speed of the DT-75 tractor on the stresses in suspension systems p. 5.
- Iankov, N. I., Rubinshtein, S. I. A., Aleksandrov, B. I. - Causes of the occurrence of cracks in the cylinder heads of diesel engines and ways for their correction p. 7.
- Tarasov, V. N. - Loading capacity of tires with liquid ballast p. 10.
- Kupersmidt, V. L. - Effect of the escape of the air charge on the process of compression during the starting of a diesel engine p. 12.
- Zennin, I. U. A., and others. - Stand for controlling the aerodynamic resistance of cylinders and heads of air-cooled engines p. 14.
- Utkin, A. A. - Studying the operation of a hopped-up modification of air-cooled engines p. 16.
- Puetygin, M. A. - Development of grain harvesting combines and units for straw harvesting p. 17.
- Kalimullin, R. - Automatic control of the feeding of a grain combine p. 20.
- Petrov, G. D., Maksimov, B. I. - Prospects for and trends in the work on potato harvesting machinery p. 22.
- Vasilenko, P. M., Korotkevich, P. S. - Effect of the form of the lateral profile of the cutting parts and the traveling speed on their traction resistance p. 25.
- Gruntcheva, A. M., Buzilovskii, I. U. R., Glushchenko, P. P. - Studying stress conditions of the mobile frame of the SKM-3G beet harvesting combine by the optical method p. 27.
- Tenenbaum, M. M., and others. - Structural analysis of dust protecting devices for the bearing units of agricultural machinery p. 29.
- Antoshkevich, V. S., Dorsov, G. I. - Economic effectiveness of the use of plastics in the agricultural machinery industry p. 32.
- Keizer, V. N. - Tensimetric apparatus for measuring torque p. 34.
- Papernan, E. V. - Mower with batch system of unloading p. 36.
- Popov, B. A., Khokhlov, E. I. - KST-1 pull-type combine for harvesting sugarcane p. 37.
- Marchenko, N. D., Kononenko, M. R. - Tractor inclinometer p. 38.
- Mammadzhanov, A., Iakov, V. I. A. - EVA-8/200 electric branch cutting unit p. 39.
- Ptychenkov, K. A., Pugachev, A. N. - Machines for the mechanization of potato growing p. 40.
- Pisarev, I. U. N. - Determination and utilization of resources in intraplant machinery operations p. 41.
- Glukhov, V. M. - Effect of additions of rare-earth metals on the wear resistance of pistons made of the AL10V alloy p. 44.
- Chubuk, S. E., Shapoval, S. I., Andienko, V. V. - Capron parts of the PA-1 and PA-2 automatic stock waterer p. 45.
- Ponomarev, O. P. - The Reosa Master small-size fuel injector p. 46.

No. 9, Sep. 1965.

- Table of contents translated.
- Shevtsov, P. P., Shulepov, V. N. - Acceleration of fast tractors with speed shift during running p. 1.
- Tutlayev, V. N., Pavlov, N. A. - Operating reliability of tractor engines with the combustion chamber in the piston p. 4.
- Voinov, N. A., Shechupak, P. L. - Studying the dynamic qualities of tractors with supercharged diesel engines p. 6.
- Grunauer, A. A., and others. - Apparatus for studying the regulating system for diesel tractors p. 9.
- Tolchinskii, N. A., Kaplinskii, E. M. - Bench for studying the characteristics of rubber-metal hinges p. 11.
- Vodlanik, I. I. - Rolling of a crawler tractor with the formation of track p. 12.
- Gorlinskii, P. M., and others. - Causes of the breakdown of the power take-off drive in operating a tractor with a mounted sprinkling machine p. 14.
- Vorob'ev, V. M. - Straw harvesting in the Virgin Territory p. 17.
- Volda, A. N. - Technological level of grain-harvesting combines p. 18.
- Goncharov, E. S. - Method of calculating for vertical cylindrical centrifugal vibrating sieves p. 21.

- Semenov, V. F., Karapet'ian, A. G. - Determining the transverse bonding of staves in the cutting apparatus of harvesting machines p. 23.
- Doganovskii, M. G., Davidson, E. I. - Automatic protective mechanism for plows p. 21.
- Podskubnikov, M. D. - Selecting the optimal angles in setting a plowshare for plowing bound soils p. 25.
- Nikitin, A. A. - Determining the resultant of reactive soil resistances in the vertical projection plane during the operation of disk tools p. 28.
- Gudkov, A. N., Nikitin, S. N. - Bases for selecting the forms for the working parts of a manure spreader p. 29.
- Kolotushina, A. P. - Calculating the maximum price for agricultural machines and tractors based on test results p. 31.
- Zul'berman, P. I., Zimin, A. S., Reifman, L. S. - Selecting the optimal parameters for the harvesting belt of an apparatus for picking up raw cotton from the ground p. 35.
- Man'zhin, V. F. - SZP-21 grain press planter p. 37.
- Berulakova, L. A. - KDP-2 grubber-bulldozer and loader p. 38.
- Shaparev, I. U. S. - Measuring device for vibrations of angular velocities p. 39.
- Kutsyn, L. M., Grinberg, V. L., Basargin, V. A. - KUT-3.0B mobile feed distributor p. 40.
- Kiper, F. V., and others. - Precision in machining holes on the body of hydraulic distributors by various methods p. 41.
- Rekeman, F. A., and others. - Studying a new brand of steel for the T-110 tractor track p. 43.
- Romanov, D. I., Renskiy, T. B. - Four positional electric contact heating apparatus for heating tanks p. 44.
- Davydov, A. S., Utkin, M. N. - State of and prospects for the use of electrophysical methods in working metals p. 45.
- Iakobi, M. A., Rukavishnikov, V. A. - Industry-wide conference on increasing the reliability and durability of tractors and self-propelled chassis p. 48.

*TEPLOENERGETIKA [HEAT ENGINEERING]. Organ of Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], and others. Moscow, vol. 12, no. 10, Oct. 1965.

- Table of contents translated.
- Prokhorov, F. G., Gurevich, L. S. - Comparison of water conditions and means for water treatment in block-type state regional electric power plants with different boiler systems p. 2.
- Zenkevich, I. U. V., Aricel', S. I. A. - Water conditions of units with once-through type boilers p. 8.
- Akol'zin, P. A., Mikhailova, N. M. - Use of hydrazine in electric power stations p. 13.
- Babkin, R. L. - pH-buffer properties of cation exchangers and their use in water softening technology p. 18.
- Petrova, L. V., Iakimets, E. M. - Thermal stability of the chelate compounds of ethylenediaminetetraacetic acid with cations of some metals p. 23.
- Lapshin, M. I., Voznesenskaya, A. M. - Elimination of iron corrosion products from condensate by means of magnetic filter p. 26.
- Shvetsova, V. P., Utkin, B. M. - Use of the AV-16G anion exchanger in water treating systems p. 28.
- Blinchevskii, I. M. - Effect of surface roughness on the formation of salt deposits p. 31.
- Mochan, S. I., Revzina, O. G. - Choice of gas and air speeds and possibilities for standardizing the dimensions of gas pipes p. 32.
- Ippolitov, A. S., Boloselskii, B. S., Bystritskii, G. F. - Study of the burning of solid fuels in intersecting streams p. 39.
- Ratner, A. V., Dukrinskii, A. M. - Calculation of cavitation modes in feed regulating fittings p. 41.
- Gul'nev, V. N., Tsybina, I. N. - Corrosion cracking of ferrite-austenitic OKh21N5T and OKh21N6M2T steels p. 44.
- Dyban, E. P., and others. - Experimental study of the cooling system of the GT-6750 unit p. 47.
- Marchuk, E. A. - Motion of a condensed phase in the interblade channels of an axial-flow gas turbine stage p. 51.
- Leizerovich, A. Sh., and others. - Buckling of stream turbine housings due to thermal stresses p. 57.
- Zavodskii, A. M., Berkovich, A. L. - Study of the cascade of nozzles of a turbine p. 63.
- Alekseeva, R. N. - Peripheral stresses in blades in a cascade of infinitely thin flat plates p. 68.
- Polikovskii, V. I., Levin, A. A. - Operation of pumps and air blowers under low supply conditions p. 71.
- Mariyova, O. I., and others. - Transition of ammonia from water solutions to saturated steam p. 75.
- Shlykov, I. U. P. - Calculation of the thermal resistance of the contact of finished metal surfaces p. 79.
- Trends in the development of power engineering in the United States in the period 1960-1980 p. 83.
- Vokotovich, M. P., and others. - The is-diagram of steam at 800-1600° C temperatures and pressures up to 1000 bar p. 88.

Networks and technology of chemical water treatment system of state regional electric power plants and thermal electric power plants p.90
Conference on power-engineering use of coal from the Kansk-Achinsk Basin, p.93.
V I Polkovskii, Obituary, p.96

Vol. 12, no. 11, Nov. 1965.

Table of contents translated

- Kosik, I. U. F., and others. - Trial run and experience in the operation of the K-300-240-ShtGTZ turbine unit, p.2.
Rubinshteyn, I. A. M., and others. - Thermal characteristics of the T-100-130 central heating turbine, p.12.
Dmitriev, V. F. - Study of the efficiency of the K-100-130 turbine and block as a "whole unit", p.20.
Shubentsov-Shubin, L. A., Poznakhiyev, V. F. - Approximate numerical method for calculating a three-dimensional flow in a steam turbine stage, p.25.
Filippov, G. A., Prakhin, V. V. - Calculation of the discharge characteristics of a nozzle apparatus, p.22.
Bulman, L. D. - Design of condensing systems for three turbine units, p.34.
Cherkhov, I. U. N. - Automation of the retention of optimum vacuum conditions in the condensers of steam turbine systems, p.11.
Pukhorit, V. L. - Calculation of temperature caused deformations of steam turbine cylinders during cooling, p.16.
Chichko, A. G. - Two-stage control system of a boiler-turbine block, p.50.
Nikonor, A. P., Strilkov, L. A. - Mathematical model with a computer for determining the relative effectiveness of central heating, p.57.
Gel'man, A. S., and others. - Present state and prospects for the development of butt joint welding of pipe heating surfaces, p.63.
Ritner, A. V., and others. - Design strength of joints welded by high-frequency currents, p.67.
Lustina, K. A., Kulikova, L. V. - High-boron chrome-nickel-tungsten-niobium steel ER400, p.70.
Deeva, Z. V. - Study of the transfer of copper compounds to steam in a boiler with supercritical parameters, p.74.
Babus, G. A. - Calculation of aerodynamic characteristics of a dual-flow compressor stages using generalized dependences, p.79.
Makoshenko, K. V., Kulutin, A. A., Gribov, B. S. - Study of critical heat flows in a forced motion of a monosoplydiphenylbenzene mixture, p.81.
Sternin, L. S., Villemas, I. U. - Effect of the thermal decomposition of different organic heat carriers on the heat transfer during boiling in a large volume, p.86.
Dmitrievskii, I. P. - Nonstationary temperature field of a turbine disk, p.90.
I. U. M. Kostin, on his 60th birthday, p.96.

URAL'SKII MASHINOSTROITEL'NYI ZAVOD, *Sverdlovsk* - Nauchno-issledovatel'skii institut (nauchnogo mashinostroeniia) "Sbornik statei" [URAL MACHINE-BUILDING PLANT Scientific Research Institute of Heavy Machinery Papers] Moscow, no. 7, 1965

Electric drives of rolling and mining equipment

Table of contents translated

- Drahtuk, B. N., Vinogradov, L. G., Chernogorodova, G. M. - Investigating the system of thickness control of a strip entering a continuous cold rolling mill, p.3.
Vaidyrev, A. S., Vinogradov, L. G., Tikhotskii, A. E. - Static and dynamic characteristics of the electric drives of certain mechanisms of a four-stand continuous cold rolling mill, p.51.
Kontorovich, B. I. - Operational amplifiers and multipliers for automatic control systems, p.65.
Mishin, I. U. A., Siderov, N. P. - Methods of determining the economic efficiency of automatic strip thickness control on cold rolling mills, p.104.
Stral'tsin, B. L. - Equipment for testing the force parameters of the cold rolling process of automobile sheet, p.111.
Vlasov, A. P. - Testing a measuring device for strip elongation on skin pass mills, p.121.
Golenburg, L. S. - Equipment for the thickness control of a cold-rolled strip, p.127.
Feigin, L. M., Ol'khov'ov, B. V. - Methods of securing the starting of cone crushers for coarse crushing under load, p.138.
Feigin, L. M. - Calculating the starting characteristics of motors for the drives of cone crushers for coarse crushing, p.140.
Iushchenko, P. M. - Drill bit feed regulator used on drilling rigs, p.166.

VESTNIK MASHINOSTROENIIA [MACHINE BUILDING REVIEW] Organ of Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research in the U.S.S.R.] and others Moscow, vol. 45, no. 7, July 1965

Table of contents translated

- Pantelev, V. V. - Development of unification, standardization and aggregation in the machinery industry, p.3

- Chudnovskii, A. D., Kudavtsev, I. V. - Increasing carrying capacity of low-carbon steel vessels under conditions of small-cycle internal pressure loading, p.7.
Kur'min, A. D. - Calculating forces and moments acting on rolls in rolling gear wheels, p.13.
Ostapchuk, I. A. G. - Principles for solving problems of reliability and durability of machines, p.17.
Ling, A. G. - Methods for designing cranes, p.20.
Vorovich, I. I., and others. - Reliability of lifting mechanisms on gear-wheel centers, p.23.
Levchenko, G. M. - Approximate calculation of torsional vibrations of a system with pendulum-type vibration dampers, p.27.
Manoilenko, V. D. - Calculating maximum working stroke and minimum length of cylindrical compression springs with a circular cross section of wire, p.30.
Utin, D. M. - Using standard tables and diagrams in calculating the kinematics of cam mechanisms, p.32.
Kobin, M. M., Dekhtiar', L. I. - Cast and welded steels are cyclically durable materials for press-fitted parts, p.36.
Koptev, N. N., Zubkov, V. F. - Nomographic determination of the moments of inertia for bodies of revolution, p.40.
Baldin, L. A. - Calculating fits by probable parameters, p.41.
Chulkov, I. I. - Experimental determination of deformations in contact areas between rolling bodies and bearing rings, p.43.
Kaidamonov, A. F., Pelpenkov, I. A. - Using transparent specimens in studying the process of abrasive wear, p.46.
Shefel', B. T., Lipskii, G. K., Gushchin, V. A. - Effect of the waviness of the ring face on the vibration of a ball bearing, p.49.
Brailovskii, M. I. - Pressed concrete stand on the K17ZNB press, p.51.
Kruglov, V. A. - Complex methods for a precision design of machining processes, p.54.
Livshits, L. S., Bakhar'ev, L. P. - Technological characteristics of electric arc welding of dissimilar steels, p.58.
Plotnikov, N. I. - Determining water consumption for washing parts in electroplating shops, p.62.
Kuzub, V. S., and others. - Using polyacrylamide as a brightener in zinc plating, p.65.
Antin, V. E., Okhrimenko, I. M. - New method for the determination of bimetallics, p.67.
Dzurnashvili, G. F. - Intermittent cutting on semi-automatic multiple-spindle lathes for chip breaking, p.72.
Abramov, I. U. A., Proskurnikov, A. V. - Using mathematical methods in planning operations for the production of a wide range of articles, p.74.
Novatekii, V. P., Khavlin, I. E. - Consolidated calculation of the cost of new machines in experimental unit and for production, p.77.
Tishchenko, V. P. - Manufacture of cutting tools in a specialized shop, p.79.
Leontskii, M. L. - Exhibit "Precision machine tools and their use" at the Exhibition of the Achievements of the National Economy, p.82.
Volkov, V. A., Sokolinskii, P. S. - Conference on scientific organization of labor, p.84.
Activity of the Scientific Editorial Council on the Machinery Industry and Metallurgy, p.85.
Soviet inventions in the field of mechanical engineering, p.85.
In the State Committee on the Machinery Industry, p.87.

Vol. 45, no. 9, Sep. 1965.

Table of contents translated:

- Vinogradov, K. K. - Problems of the specialization of production in the machinery industry, p.3.
Kozlov, I. A., Bazhenov, V. G. - Breakdown of rotating disks, p.9.
Bykov, A. F. - Design of a ball valve with a pneumatic drive, p.13.
Filadelfov, T. P. - Blocking contour of a planetary gear transmission, p.15.
Vlasenko, I. P. - Torsional vibrations of shaft transmissions of the D100 diesel generators, p.17.
Vasil'ev, V. V. - Hollow chamfers of variable curvature for the carrying machine parts, p.20.
Tselikov, A. I., and others. - Selecting the optimum diameter for the supporting rolls of four-high rolling mills, p.24.
Polukhin, V. P., Zinov'ev, A. V. - Effect of the axial hole on the elastic compression of rolls, p.28.
Bogdanov, O. I., Danil'tsev, V. G. - Hydrostatic spherical thrust bearing with a tapering gap, p.20.
Parshchik, S. A. - Selecting parameters for a controlled hydrodynamic torque converter of the crane lifting mechanism, p.31.
Liapkov, P. D. - Hydraulic efficiency of sinking centrifugal oil well pumps, p.34.
Vershinin, I. M. - Relationship between energy losses for friction and formation of a vortex in centrifugal pumps, p.37.
Khl'chevskii, V. V., Shemegan, I. U. M. - Effect of plastic coating on the damping of natural vibrations of rods, p.40.

- Gaur, S. N., Parkhomenko, V. D., Glosman, L. P. - Investigating antifriction filled polyfluorocethylene materials, p.41.
Ivanov, V. V. - Relationship between automatic assembly and the correlation of parts in units and machines, p.45.
Shkuba, V. V., Saenko, I. U. I. - Solution of the problem of an optimum layout, p.47.
Chernikov, P. V. - Investigating the productivity of the flat lapping process, p.50.
Nepomnashchii, E. A., Klement', Z. I. - Analysis of the process of charging with abrasive finishing laps based on the theory of random processes, p.53.
Gorbunov, M. N. - Combining loading and upsetting operations, p.56.
Nortin, I. A., Golovin, V. A., Akarov, L. I. - Heat release during die forging and pressing, p.60.
Shalenskii, M. E., Karlashov, I. N., Naleh, M. M. - Vibratory grinding and polishing of parts, p.64.
Shalashov, S. P., Tsvet'skii, I. A. Sh. - Selecting a grinding wheel for rough grinding of the 30KhMgO steel, p.69.
Iakubovich, A. A. - Standardization and mechanization of assembly operations, p.72.
Umatagin, M. G. - Present status and prospects of the mechanization and automation of engineering and management work in the heavy machinery industry, p.73.
Verigolov, B. A., Mikhailov, A. A., Chudinova, V. V. - Determining optimum lots for sheet rolling, p.79.
Exhibitions of special items and traveling exhibitions at the Exhibition of the Achievements of the National Economy, p.79.
Soviet inventions in the field of mechanical engineering, p.79.
In the State Committee of the Machinery Industry, p.81.

ZA BEZOPASNOST' DVIZHENIIA [FOR TRAFFIC SAFETY] Issued by Otdel RUD-GAI (nauchno-issledovatel'skii organ obshchestvennogo poriadka i bezopasnosti) [Traffic Department and the State Automobile Inspection Agency of the Administration for the Protection of Public Order of the Executive Committee of the Moscow City Soviet] Moscow, vol. 9, no. 11 (96), Nov. 1965

ZHILIZNODOROZHNIYI TRANSPORT [RAILROAD TRANSPORTATION] Organ of Ministerstva puti soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.] Moscow, vol. 47, no. 10, Oct. 1965

Table of contents translated:

- Konotkov, V. N. - Overall mechanization of loading and unloading operations, p.3.
Polmachov, V. A. - Increasing the handling capacity of classification yards, p.9.
Smolnina, A. I. - Efficient utilization of routes for the direction of car flows, p.14.
Danhevskaia, D. M. - Organization of local operations in a division, p.19.
Ratiberg, A. M., and others. - Uniform technology improves in standards of routing, p.21.
Tikhonov, K. K. - Selecting the optimum variant of the plan for making up trains, p.24.
Tishchenko, A. G., Popov, A. V. - Possibility for increasing the weight norms for freight trains, p.27.
Dumayev, N. I. - Accelerated processing of coal freight, p.31.
Smekhov, A. A., and others. - Construction and operation technology of the base unloading station for mineral fertilizers, p.32.
Inozemtsev, A. A. - Organization of current track maintenance in heavy traffic sections, p.35.
Reiskalov, A. I., Tenenbaum, B. A. - Increasing the reliability of the basic car parts, p.38.
Miklovets, S. P. - Industrial aesthetics in a car depot, p.41.
Osadchuk, G. I., Rubinchik, I. M., Nekrutman, S. V. - Technical maintenance of air conditioning plants, p.45.
Sergeev, A. B., Lovelsh, B. S. - Development of the fleet of refrigerator cars, p.51.
Akimov, V. I., and others. - Preparing a railroad line for high-speed traffic, p.55.
Vainshteyn, B. Z. - Repair and quality of the electric equipment of electric locomotives, p.58.
Lapin, V. B. - Reliability of electric power supply to block signaling systems of electrified sections, p.61.
Rabkin, E. B., Sokolova, E. G. - Efficient use of cars in railroad transportation, p.63.
Railroad news, p.65.
Shafirkin, B. I. - Role of the transportation and economic balance in the planning of transportation, p.66.
Borndt, N. V. - More about the indices of labor productivity, p.71.
Vladimirov, V. A. - Concerning the evaluation of the various means of transportation in securing passenger and freight transport, p.74.
Sukhova, L., Skripnik, L. - Optimum plan for the transportation of concrete, p.78.

- Commission of the Academy of Sciences on the scientific problems in the development of transportation, interview, p. 78.
- New terminal started passenger service, p. 70.
- Material incentives for a better utilization of freight cars, p. 80.
- New system of automatic speed control, p. 82.
- Chernenko, S. F. - People's University of Safety Engineering, p. 83.
- Book reviews and bibliography, p. 83.

h MINING & METALLURGY

AKADEMIYA NAUK KAZAKHSSKOI SSR, Alma-Ata.

- Institut metallurgii i obogashcheniya. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Metallurgy and Ore Dressing. Transactions], Alma-Ata, vol. 12, 1965. Physicochemical methods of separating light and rare metal compounds. Table of contents translated.
- Solenko, T. V., Ni, L. P. - Interaction of iron hydroxide with high-ratio aluminate solutions in presence of calcium oxide at 80° C, p. 3.
- Ni, L. P., and others. - Behavior of iron hydroxide in an alkali medium during autoclave treatment, p. 9.
- Tarasenko, V. Z., Zazubrin, A. I., Baishchevskaya, A. N. - Vanadium distribution in the treatment of hydroalite bauxites for alumina by the Bayer - sintering method, p. 10.
- Nikiforov, I. U. A., Shalidenov, B. A. - Decomposition of indium phosphate in caustic soda solutions, p. 23.
- Undasynova, Z. D., Ponomareva, E. I. - Products of oxidation of molybdenite by copper oxide during autoclave alkali decomposition, p. 26.
- Zazubrin, A. I., Romanov, G. A., Saltovskaya, L. A. - Electrolysis of gallium with a gallium cathode, Report No. 1, p. 32.
- Zazubrin, A. I., Romanov, G. A., Saltovskaya, L. A. - Effect of vanadium on the electrode position of gallium on a gallium cathode, Report No. 2, p. 41.
- Electrodeposition of gallium on a gallium cathode from industrial aluminate solutions, Report No. 3, p. 49.
- Shalavina, E. L., Guseva, T. D. - Gallium cementation from alkali solutions, p. 52.
- Balchenov, N. A., Milov, A. I. - Effect of certain factors on the process of the electrolytic preparation of titanium from its dioxide, p. 58.
- Balchenov, N. A., Milov, A. I., Korotkova, P. I. - Investigating cathode products and the electrolyte following the electrolysis of titanium dioxide in fluoride-chloride melts, p. 65.
- Porubiev, V. P., Ponomarev, V. D. - Electrolysis upon a liquid gallium cathode in lithium sulfate solutions, p. 71.
- Porubiev, V. P., Ponomarev, V. D. - Lithium reduction from nitric acid solutions upon a gallium cathode, p. 77.
- Menzhulin, I. U. N., Ponomareva, E. I. - Effect of exposure to light on the electrode potential of selenium and zinc in selenous acid solutions, p. 85.
- Svirchovskaya, E. G., Shalavina, E. L., Ponomareva, E. I. - Behavior of arsenic, indium, and germanium during the reduction of trivalent iron by metallic iron in the presence of copper ions, p. 87.
- Ponomareva, E. I., and others. - Precipitation of arsenic, indium, and germanium from sulfuric acid solutions by zinc sulfide, p. 91.
- Mokryshev, A. I., and others. - Effect of ultrasonic waves on the ion exchange recovery of thallium and the stability of ionites, p. 95.
- Dadaev, A. I. U., Milucheva, M. A. - Chemical stability of KU-1 and KU-2 cation exchangers, p. 105.
- Zazubrin, A. I., Katkov, I. U. A. - Interaction of phenacite with calcium carbonate during sintering, p. 109.
- Ruban, N. N., and others. - Determining small quantities of aluminum in systems containing aluminum and vanadium chlorides, p. 120.
- Mal'tsev, V. S., Panfiliukin, V. T., Ponomarev, V. D. - Investigating the reducibility of alkali aluminates in vacuum, p. 125.
- Tsabaev, S. M., and others. - Aluminothermic reduction of sodium aluminate in vacuum, p. 131.
- Mal'tsev, V. S., and others. - Data on the mechanism of thermal decomposition and reduction of sodium and potassium hydroaluminates, p. 136.
- Menzhulin, I. U. N., Ponomareva, E. I. - Formation of selenous slimes during the electrolytic refining of blister copper, p. 143.
- Kopylova, E. A., Ruban, N. N., Vinogradova, K. A. - The hydrolysis of vanadium oxychloride, Report No. 1, p. 145.
- Egorova, L. G. - Complexometric determination of simultaneously present scandium and aluminum, p. 151.
- Polyviannyi, I. R., Demchenko, R. S., Miliutina, N. A. - Investigating the aqueous leaching of tungsten-molybdenum containing molten sodium matte, p. 154.

- Polyviannyi, I. R., Demchenko, R. S., Miliutina, N. A. - Investigating the aqueous leaching of tungsten-molybdenum containing molten sodium matte, p. 154.
- Polyviannyi, I. R., Miliutina, N. A., Sysoev, L. N. - Separating tungsten and molybdenum in alkali sulfide solutions, p. 161.
- Lebedev, K. B., Guseva, T. D., Vlasova, V. T. - Rhenium cementation from alkali solutions, p. 168.

Vol. 14, 1965. Hydrometallurgy of nonferrous metals.

- Table of contents translated.
- Tarashev, S. I. - Mechanism of the decomposition of sulfides by hydrochloric acid, p. 3.
- Savitskova, G. D., Zazubrin, A. I. - Investigating the system $\text{BeSO}_4 - \text{MgSO}_4 - \text{H}_2\text{O}$ at 25 and 60° C, p. 9.
- Zazubrin, A. I., Savitskova, G. D. - Studying solubility in the system $\text{Sn}_2(\text{SO}_4)_3 - \text{Al}_2(\text{SO}_4)_3 - \text{H}_2\text{O}$ at 25° C, p. 15.
- Solov'eva, V. D., Ponomareva, E. I., Ponomarev, V. D. - Solubility in the system $\text{PbO} - \text{ZnO} - \text{Na}_2\text{O} - \text{H}_2\text{O}$, p. 18.
- Zazubrin, A. I., Katkov, I. U. A., Ponomarev, V. D. - Rate of decomposition of phenacite in sulfuric acid, Report No. 1, p. 24.
- Katkov, I. U. A., and others. - Decomposition of phenacite by sulfuric acid at atmospheric pressures, Report No. 2, p. 30.
- TSift, A. L., and others. - Treatment of complex metal sulfide ores by solutions of iron chloride, results of enlarged laboratory tests, p. 41.
- TSift, A. L., Balyrbekova, S. A., Abtanov, A. D. - Electrolytic preparation of iron from high-lion chloride solutions, p. 48.
- Kunaev, A. M., Fort, M. I. - Cathodic polarization during the electrolysis of sulfuric acid solutions of vanadium and zinc, p. 53.
- Kunaev, A. M., Fort, M. I. - Investigating cathodic polarization during the electrolysis of alkaline solutions of vanadium and zinc, p. 58.
- TSift, A. L., Tarashev, D. A., Kasybekov, S. K. - Thermal decomposition of magnesium chloride with production of an active product and hydrochloric acid, p. 62.
- Dukhankina, I. S., Ponomarev, V. D., Akhmetov, S. V. - Microscopic and thermographic investigation of iron-zinc electrolytic deposits, p. 69.
- Gol'dman, M. M., Roschupkin, V. G. - Laboratory autoclave for work with corrosive media, p. 76.

AKADEMIYA NAUK SSSR, Izvestiya, Metall [ACADEMY OF SCIENCES OF THE U.S.S.R., Bulletin, Metals], Moscow, no. 5, Sep.-Oct. 1965.

- Table of contents translated.
- Scientific meeting dedicated to the 125th anniversary of D. K. Chernov's birth; introductory statement by Academician A. A. Bochvar, p. 3.
- Golovin, A. F. - Life and scientific legacy of Dmitrii Konstantinovich Chernov, p. 5.
- Gul'nev, A. P. - Production methods and the properties of steel, p. 15.
- Gul'nev, B. B., Solntsev, I. U. P. - Steel crystallization and the structure of an ingot, p. 27.
- Sadovskii, V. D. - Structural transformations during the heating of steel, p. 41.
- Starodubov, K. F. - Transformations during steel quenching, p. 50.
- Erin, R. I. - Present state of the problem of transformations in supercooled austenite, p. 69.
- Savitskii, L. M. - The problem of metal single crystals, p. 83.
- Shmykov, A. A. - Development of and progress in the technology of the heat treatment of steel in the machine industry, p. 105.
- Topuria, M. D., Khashin, V. I., Samarin, A. M. - Production methods and the properties of iron-aluminum alloys, p. 121.
- Bochvar, O. S., Ekhlina, E. V. - Nature of the feathered structure of ingots of industrial aluminum, p. 124.
- Ageev, N. V., Novik, P. K. - Effect of aluminum on the stability of the β -phase in Ti-Mo-Mn alloys, p. 134.
- Bekashev, S. Z., and others. - Diffusive mobility and heat resistance of titanium alloys following thermal and thermomechanical treatments, p. 130.
- Draslavskii, D. I., and others. - Thermomechanical treatment of the martensitic class stainless steel, p. 143.
- Smirnov, M. A., Sokolov, E. N., Shteinberg, M. M. - Effect of the temperature of plastic deformation on the kinetics of aging of heat resistant austenitic steels, p. 149.
- Gordienko, L. K. - Increasing the heat resistance of metals by forming stable dislocation structures, p. 156.
- Lozhinskii, M. G., Perlovskii, N. Z. - Increasing the resource of heat resistance in nickel by high temperature thermomechanical treatment, p. 164.
- Zubarev, P. V. - Changes in the heat resistance of 1Kh18N9 steel as a result of preliminary cyclic heat treatment, p. 170.
- Dushnov, L. S., Dudarev, E. F., Panin, V. E. - Dislocation structure formed during thermomechanical treatment of alloys with a low stacking fault energy, p. 173.

- Korotayev, A. D., Koneva, N. A., Tukhatullina, R. M. - Quenching excess vacancies in alloys deformed and subjected to thermomechanical treatment, p. 180.
- Gaidukov, M. G., Malyshev, K. A., Pavlov, V. A. - Increasing the heat resistance of an iron-nickel alloy by precipitation hardening, p. 187.

AZERBAIDZHANSKOE NEFTIANOE KHOZIAISTVO [AZERBAIJAN PETROLEUM INDUSTRY] Organ of Soviet narodnogo khoziaistva Azerbaidzhanskoi SSR and Gosudarstvennyi komitet Soveta Ministrov Azerbaidzhanskoi SSR po koordinatsii nauchno-issledovatel'skikh rabot [Economic Council of the Azerbaijan S.S.R. and the State Committee of the Council of Ministers of the Azerbaijan S.S.R. for the Coordination of Research], Baku, vol. 44, no. 8(470), Aug. 1965.

- Table of contents translated.
- Gasanov, R. A., Kerimov, B. M. - Lithological characteristics and prospects for finding petroleum in horizon V of the producing formation in the Karabagly area, p. 1.
- Ovnanatov, S. T., Karapetov, K. A. - A study of the determination of the effect of pattern arrangement on oil recovery, p. 4.
- Guseinov, A. A. - Oil and gas potentials of the lower division of the producing formation in the southern zone of the Apsheron area, p. 7.
- Tuayev, A. S. - Data on the absolute age of the terrigenous components of the producing formation and their importance in the study of the paleogeography of the Middle Pliocene Apsheron facies, p. 9.
- celane additives for diesel fuels, p. 40.
- Mamedov, R. U. - Experimental investigation of power losses in the node points of the URB-45H drilling rig, p. 42.
- Mamedov, A. I. - Corrosion of oil-field pipes and protection of marine electric line poles, p. 44.
- Salmov, M. A., Pavlov, A. G., Sidorenko, N. P. - Economic effectiveness of the introduction of electrical sinking pumps, p. 47.
- Bagarov, T. U. - Determining the incremental production in secondary recovery of oil from layer V in the Bibeybat field, p. 20.
- Abbasov, Ch. I., Melik-Ashkanov, L. S. - Determining the permissible wash radius in well bottom zones of sand producers, p. 30.
- Alizade, F. A., and others. - Using a standard flow-meter for measuring two-phase flows in flowing oil wells, p. 33.
- Gadzhev, G. G., and others. - Catalytic conversion of the close-cut fraction of the 175-200° C range from the gas condensate of the Karadag field in order to obtain monomers, p. 36.
- Ragimov, F. M., and others. - Using foam apparatus for trapping sulfur dioxide, p. 38.
- Asadullayeva, Kh. F., and others. - New method for synthesizing butyl nitrate and amyl nitrate as Kerskai, G. V. - Reservoir properties of sandy-silt in the Kirmaki and Sub-Kirmaki series of the Darvizi Shoal, p. 11.
- Akhundov, A. R., Burlikovskii, L. A. - New graphic method for determining the volumetric and compositional ratios of miscible waters, p. 14.
- Kullov, S. M., Abidinov, M. A. - Determining well bottom temperatures in drilling, p. 16.
- Nazirov, S. A., Itvakuliev, A. M. - Determining the extent of hole deviation caused by axial load in turbodrilling, p. 18.
- Ped'ko, A. I., and others. - Effect of tolerances on the efficiency of bits, p. 21.
- Amirov, A. D. - Theoretical and practical principles for using sinking pumps with hydraulic partitions, p. 22.
- Guliev, B. D. - Concerning the filling coefficient of deep pumps, p. 26.

BURENIE [DRILLING] Issued by TSentral'nyi nauchno-issledovatel'skii institut tekhniko-ekonomicheskikh issledovaniy po nefti i gazu, naftkhimicheskoi i gazovoi promyshlennosti [Central Scientific Research Institute of Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry], Moscow, no. 9, 1965.

- Table of contents translated.
- Rzaev, A. S., Avanesov, A. A. - Effectiveness of using diamond bits in the Zyrya oil field, p. 3.
- Barnauvskii, M. I. - Using electric bits for drilling oil and gas wells in the Ukraine, p. 5.
- Pol'takov, L. P., Razuvaev, V. D., Golikov, A. E. - New method for excluding lost-circulation zones in well drilling, p. 8.
- Novokhatskii, D. F., Katenev, E. P. - Slag muds with reduced filtration properties, p. 11.
- Panov, B. D., Kasperskii, D. V., Mel'chik, O. M. - Using hydrocarbon-base flushing fluids in a well 3876 m deep, p. 13.
- Kister, E. G., and others. - Combination chromate reagents for flushing fluids, p. 17.
- Berezinskii, V. I., Tilkov, N. I. - Cementing wells in salt deposits of western Kazakhstan, p. 19.
- Mel'chuk, I. P., Cherkasov, V. V. - Effect of certain factors on penetration rate, p. 24.

ФИЗИКО-ТЕХНИЧЕСКИЕ ПРОБЛЕМЫ РАЗРАБОТКИ ПОИСКОВЫХ ИСКОПАЕМЫХ [PHYSICAL AND TECH- NOLOGICAL PROBLEMS OF THE MINING OF MINER- ALS] Issued by Sibirskoe otdelnoye Akademicheskoye SSSR [Siberian Department of the Academy of Sciences of the U.S.S.R.] Novosibirsk no 1, 1965

Table of contents translated

- Chernik, N.A. - Some problems of mining engineering. p. 7
- Gorbachev, T. F., Gritskov, G. I., Vlasenko, B. V. - Manifestation of rheological properties in the massif during advancing stoping operations in steeply pitching seams. p. 13
- Zil'berbord, A. F., Gravis, G. F. - Intensity of deformations in mine workings depending upon conditions of accumulation and freezing of water deposits. p. 20
- Katkov, G. A., Trumbachev, V. F. - Use of models in studying the interaction of the top covering of powered supports with the roof rocks. p. 25
- Zhukov, M. F., Pokrovskii, G. N., Smolnikov, B. I. A. - Results of testing electric arc jet drills (plasma drills). p. 32
- Kostylev, A. D., Gurflov, K. S. - Use of vibration techniques in mining. p. 40
- Fedorov, D. I., Nedorezov, I. A. - Possibility of increasing the efficiency of excavating machines in strip mining. p. 46
- Fedulov, A. I. - Use of heavy percussive machinery. p. 53
- Zhukov, P. A. - Reducing the problem of computing circuits with multiple terminal output to a form convenient for computation with electronic digital computers. p. 60
- Emel'yanov, P. M., Maksimovich, I. U. P. - Dynamics of the slide valve distributor on a NKR-100M semi-automatic drill. p. 67
- Tkachev, I. G., Dolgoplova, T. I. - Influence of the consistency of the overburden soils on the occurrence of clay inrush in the mines of Kuznetsk Basin. p. 75
- Plenary session of the central commission on rock pressure. p. 80
- Oilov, A. A. - Conference on rock pressure held at the Scientific Council on Physical and Technical Problems in Mining. p. 92

GAZOVOE DELO [GAS INDUSTRY] Issued by Tsentr- nyy nauchno-issledovatel'skii institut tekhniko-eko- nomiceskikh issledovaniy po nefte, nafto, neftekhimicheskoi i gazovoi promyshlennosti [Central Scientific Re- search Institute of Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry] Moscow, no 2, 1965

Table of contents translated

- Shmygla, P. T., Rassokhin, G. V. - Estimating gas yield and reserves in the elastic-water drive development of gas pools. p. 3
- Mikhalovich, V. I., Petrly, I. M., Gordii, I. R. - Hydrochloric acidization of the bottom zone of gas wells in the fields of the Lovov Economic Council. p. 7
- Tempel', F. G. - Hydraulic calculation of a gas pipeline. p. 12
- Chalksyn, G. A., Gromov, V. V. - Automating gas-distribution stations. p. 15
- Kozobkov, A. A., Messerman, A. S., Khachaturian, S. A. - Taking into consideration the type of gas in the electric modeling of the pipeline systems of compressor machinery. p. 18
- Tsikerman, L. I. A., Slavin, M. B., Maksimov, M. P. - Possibility of finding the location of damage to pipelines using electronic patrol leak detectors. p. 20
- Nivitenko, E. A. - Effect of the specific ohmic ground resistance on the soil corrosion of a gas pipeline. p. 23
- Taktaeva, L. N. - Using gas in an asphalt-concrete plant. p. 28
- Ragozin, A. S. - Present-day domestic gas heaters. p. 30
- Luzin, V. I., Shtangeev, A. M. - Economic efficiency of the low-temperature separation of gas at the Kanchurinskoye and Musina gas-condensate fields. p. 33
- Kalinina, V. P. - Calculating the cost of the transportation of gas through gas pipelines. p. 36

GORNYY ZHURNAL [MINING JOURNAL]. Organ of Gosudarstvennyi komitet po chernoi i svetloj metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, no 8, Aug 1965

Table of contents translated

- Zubkov, G. A. - Automation should meet the challenge of new objectives. p. 3
- Osmolovskii, V. V., Rudenko, A. I. - Influence of the rate of completed workings on the economic efficiency of a mining system. p. 7
- Annenkov, A. D. - Influence of a yearly increase in depth on the cost of a ton of iron ore. p. 9
- Garmash, N. Z. - An efficient planning of the work of excavating machinery in the flowsheet of mining operations without haulage. p. 12
- Rivkin, I. D., Polischchenko, V. P., Mamin, L. R. - Parameters of mining system with caving of deep level superposed rocks. p. 15

- Bud'ko, A. V., and others - Experiences in using the caving system with end drawing of ore. p. 22
- Bukhin, A. I., and others - Making hot chokes with smaller diameter at the Tekel mine. p. 27
- Geckehakian, M. G. - A new arrangement of explosive charges in a crosscut. p. 30
- Khutornoi, P. S. - Use and service life of rock drills. p. 31
- Borokhovich, A. I. - One of the methods of controlling the performance of a piston compressor. p. 33
- Zinchevskii, N. P., and others - The K-100 light drill rig operated by remote control. p. 35
- Kobevnik, V. F. - Use of automatic devices at the Krivoy Rog Basin mines. p. 36
- Indenbaum, N. E. - Automation of compressor stations at the Deglyatka Copper mine. p. 39
- Rodin, A. N., Dobrynin, L. M. - Remote control of fans and heaters in the Severouralsk bauxite mines. p. 43
- Emckeev, V. I., and others - The PZK pneumatic charging columns with automatic proportioning of the air. p. 47
- Filipov, S. F., Erlikh-Melamed, G. M. - Remote control system for limited-conductor lines of centralized traffic control in underground mines. p. 50
- Filipov, S. F., Kriuchkov, V. V., Erlikh-Melamed, G. M. - Automatic control system for railroad signaling with the control of switches from the cabin of an electric train's engineer. p. 53
- Zapletchyn, E. G. - Remote control system for the 25KR-type mine electric locomotives. p. 56
- Kovalovskii, A. G., Tret'akov, N. P. - System of remote and centralized control of telephone cableways. p. 59
- Evslovich, S. G., Zhuravlev, S. I. - An efficient technology of magnetite ore dressing at the Sokolovka-Sarbay Mining and Ore Dressing Combine. p. 62
- Malygin, B. V. - Peculiarities of the flotation of iron oxides from magnetic separation tailings at the Central Mining and Ore Dressing Combine. p. 66
- Volov, G. I. - Gas content of ore deposits. p. 68
- Shmal'ko, E. I. A. - Studying the effectiveness of local aeration in strip mining. p. 71
- Shilin, I. U. A. - Correct the drawbacks of RSN rotary boring rigs. p. 72
- Parastuk, P. F. - Improvement of G13L steel parts. p. 73
- Nikol'skii, I. P. - An adjustable hydrodynamic atomizer for dust removal. p. 74
- Dydzinskii, V. V., Kuzinov, G. I. - A device for the cleaning of mine cars. p. 74
- Melnikov, I. S. - Portable railroad buffer stops. p. 75
- Galinizlanov, F. G. - Experimental studies on the endurance and rigidity of centrifugal fan blades of Ts4-76 type. p. 76
- Trebukhovskii, G. I. - Tangential velocity of water flow depending on the geometry of the spiral trough. p. 78

LENINGRAD, VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII I PROEKTNYI INSTITUT MEKHANICHESKOI OBRABOTKI POLEZNYKH ISKOPAEMYKH, Trudy [ALL-UNION SCIENTIFIC RESEARCH AND PLANNING INSTITUTE FOR THE MECHANICAL PROCESSING OF MINERALS, Transactions], No. 133, 1963, Obogashcheniye zheleznykh rud [Iron ore dressing], vol. 1

Table of contents translated

- Brand, V. I., Derkach, V. G., Shapiro, R. B. - Development of iron ore dressing in the U.S.S.R. p. 5
- Golovanov, G. A. - Improving the technology of dressing finely impregnated iron quartzites using the example of the Olenegorsk ore dressing plant. p. 46
- Ozolin, L. T., Platinov, A. A. - Efficient flow sheet for the dressing of iron quartzite from the Mikhaylovka deposit in the Kursk Magnetic Anomaly. p. 101
- Mingkov, M. I. - Efficient flow sheet and modern structural designs for plants for the dressing of magnetite ore. p. 125
- Mitkov, M. I., Boloslin, N. N., Igrunov, D. V. - Design, construction, and starting operations at Ore Dressing Plant No. 2 of the Krivoy Rog Southern Mining and Ore Dressing Combine. p. 148
- Evslovich, S. G. - Technology Krivoy Rog Basin of dressing magnetite ores. p. 178
- Evslovich, S. G., Chapurnykh, K. S., Petrov, A. S. - Technological and economic problems in preparing for smelting iron ore from the Gard deposit. p. 213
- Chernoplatov, S. F. - Analysis of certain problems in the methodology of the technological investigation of iron ore deposits using the example of the New Krivoy Rog deposit of iron quartzites. p. 252

*LITSEINO PROIZVODSTVO [FOUNDRY PRACTICE].

Organ of Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research in the U.S.S.R.] and others. Moscow, no. 8, Aug. 1964.

Table of contents translated:

- Sladkova, M. V., Antonov, A. K., Chumakov, V. A. - Shell molds of zircon and zircon mixtures with titanium dioxide for investment casting in vacuum and open furnaces. p. 1.

- Fuklev, V. A., Olsak, A. A., Subchankov, F. F. - Operation of a coke and gas cupola furnace. p. 3
- Shevtsov, A. I., Babich, E. P. - Indices of the technological properties of G13L steel. p. 5
- Iskugorodskii, V. I. - Nature of the formation and ways of preventing defects of cast iron shot. p. 7
- Ankudinov, N. V. - Metallurgical value of briquets from cast iron shavings. p. 9
- Chernyshev, V. V. - Means of automation for automatic molding lines. p. 12
- Gorskii, A. I. - Methods of calculating the drive power of sand mixers and the optimal weight of the batch. p. 17
- Loskulov, V. I. - Automatic control systems with the use of computers. p. 23
- Verma, A. A. - Physical and chemical properties of molten metal. p. 28
- Kotshubinskii, O. I., Shevtchuk, S. A., Gini, L. Ch. - Causes for the decrease in the mechanical properties of cast iron at 150° - 250°. p. 35
- Oilov, G. M. - Effect of the flowability of sand mixtures on the mold pressing process and its determination. p. 36
- Kulaj, A. K., Balonkina, I. I. - Prediction of die and investment castings. p. 37
- Volkov, V. M. - Situation of low-sulfur cast iron with sulfur. p. 40
- Fiksen, N. V., and others - Making Kh18Ni10 steel in an induction furnace by the remelting process with the use of oxygen. p. 41
- Libyzenkii, B. N., and others - Desulfuration of acid electric steel by the blowing in of powdered limestone. p. 42
- Isachenko, G. G. - Smelting cast iron and steel in furnaces in electric and cupola furnaces. p. 43
- Gaisin, D. M. - Effect of the gas pressure in connection with the fusion of sand on steel castings. p. 45
- Malinchik, I. A. N. - Terminology and crystallization zones of ingots. p. 46

No 9, Sep 1964

Table of contents translated:

- Bekerman, F. A., and others - Low-alloy steel for tractor track units. p. 1
- Parastuk, P. F. - Characteristics of designing sand dies for the production of high-manganese steel castings. p. 2
- Fiksen, N. V., Babashkin, I. U. Z. - Effect of titanium on the formation of the structure and properties of Kh18Ni10 steel pipe fitting castings. p. 3
- Gagin, S. D. - Effect of holding liquid metal in vacuum on the properties of a chromium-nickel alloy. p. 5
- Bidulla, P. N. - Theoretical basis for the processing of steel during crystallization. p. 6
- Luzan, P. P. - Selection of pig iron in making castings with spherical graphite. p. 8
- Shevtsov, S. M. - Scientific and technological conference on the improvement of the quality of castings. p. 10
- Gorbunov, V. F., and others - Raising the efficiency of fettling operations. p. 13
- Polishchuk, V. P. - Magnetodynamic pump feeder for molten metals. p. 15
- Zverev, A. S. - Selecting melting furnaces for magnesium alloys. p. 17
- Komarov, A. R., Ul'ianova, T. F. - Unit for the making of a bitumen emulsion. p. 17
- Staroverov, A. G. - Effect of the layout on the reliability and effective capacity of a making section of an automatic foundry line. p. 19
- Levi, L. I., Pozdnev, I. U. D. - Swelling properties of bentonite from various deposits. p. 20
- Vasin, I. U. P., Chernogorov, P. V. - Effect of technological factors in the gas permeability of molds. p. 23
- Shv, M. K. - Combustibility of cupola gases. p. 25
- Sorokin, P. I., and others - Inoculation of cupola cast iron with rare-earth metal alloys. p. 27
- Gorbalskii, F. G. - Temperature of the surface layers of metal molds. p. 31
- Pletnik, R. I., Baum, M. P. - Transformation of austenite in alloyed cast iron during continuous cooling. p. 35
- Tager, A. A., and others - Fundamentals of investment casting. p. 36
- Khapov, A. I. A., Dedayev, V. I., Ruzhenov, B. M. - Feeding castings with high-strength iron. p. 40
- Mikhalev, I. P., Zvolinskii, V. V., Kurachkin, P. D. - Casting and stand testing of cerium cast iron crankshafts. p. 40
- Nikol'shin, I. U. A. - Casting of bronze inserts on a vertical centrifugal machine. p. 41
- Perevedentsev, V. V. - Investment casting of thin walled large-size castings from aluminum alloys. p. 41
- Talovikov, S. A. - Repairing the internal balance of the DT-54 tractor. p. 42
- Millevskii, L. I., Malveenko, I. V. - Redesign of box dryers for cores. p. 43
- Gribachev, V. L. - Casting of roller bearings. p. 43
- Parastuk, P. F. - Chill casting of armor cones of crushers made of G13L steel. p. 44
- Moskalev, I. N. - Unit for the granulation and mechanized removal of slag. p. 44
- Sinepol'skii, A. S. - Clay mixer. p. 45

- Grishin, B.M., Nedballo, G.N. - Automation of the separation of waste sand refuse after polygonal screening. p. 45.
- Molisev, I.U. V. - Formation of graphite in cast iron. p. 46.
- Mishukov, F.A. - Penza conference of foundry workers on the improvement of working conditions. p. 46.

No. 9, Sep. 1965.

- Table of contents translated
- Krestovnikov, A.N., and others. - Silica-free molds for the castings of heat resistant alloys and high-melting metals. p. 1.
- Lysht'ev, I.N., and others. - Compacting molding mixtures by vibration squeezing. p. 4.
- Talanov, P.I., Bredis, V.E. - Dimensional corrections and errors in sand molds. p. 6.
- Voloschenko, M.V., Dzygovich, I.A. - Distribution of silicon and magnesium in cast iron. p. 7.
- Bednarev, V.I. - Effect of temperature and pressure on magnesium assimilation by cast iron. p. 9.
- Get'man, E.A. - Automating the process of preparing cast iron with spheroidal graphite. p. 11.
- Iondak, V.N. - Fully automated assembly line in foundry practice. p. 13.
- Tavazhe, F.N., Marienbakh, L.M., Lanchava, M.D. - Design of equipment for the direct electric heating of a stream of liquid cast iron. p. 16.
- Geller, R.L., Poplavskii, V.I. - The operation of cold choppers. p. 18.
- Moskalev, A.N., and others. - Cast iron cutting without flux. p. 22.
- Bumlin, K.P., and others. - Structure of white chromium cast iron. p. 23.
- Pogachnoi, E.N., Khleifels, I.G. - Graphitizing hardened white cast iron. p. 24.
- Buzylev, B.P. - Hydrogen solubility in magnesium alloys. p. 25.
- Vokhok, I.P., Shul'ce, I.U.A. - Complete decarboxylation of medium-carbon steel. p. 26.
- Zolentsov, P.N. - Effect of the irregularity of charging on the cupola process. p. 29.
- Spektorova, S.I., Zhdanov, G.S. - Electric resistance of aluminum-silicon alloys. p. 30.
- Ivakin, R.I. - Elements in the theory of mixing molding materials. p. 32.
- Ianchenko, G.G. - Ceramic metal molds for cast iron. p. 34.
- Pavlenko, I.I., Leibichenko, V.M. - Device for cleaning the molds. p. 34.
- Kuzbatov, M.I., and others. - Effect of small additions of boron on the properties of G13L steel. p. 34.
- Agap'lanov, I.F., Kondashov, A.G. - Changes in the design of vertical cone joints. p. 35.
- Shchegolev, A.A. - Mold for making large castings under pressure. p. 36.
- Tislenko, I.U.F., Markovskii, I.P., Romanov, O.B. - Die casting of textile machine flywheels. p. 37.
- Universal self-cooling equipment for centrifugal machines. p. 38.
- Sobolov, I.N., Sosnov, V.N. - Conveyor for the manufacture of low-melting patterns. p. 39.
- Parasjuk, P.F. - Mechanized storage of liquid binders. p. 40.
- Kazimirov, A.T. - Drum drive charging device. p. 40.
- Molishovich, P.B. - Multiple-cavity box for small cores. p. 41.
- Denzov, I.G. - Defining the "gating system" concept. p. 44.
- Rudenko, N.G., Gorlanov, I.I. - Letters to the editors. p. 45.
- Anatoli Grigor'evich Spasskii, on his 70th birthday. p. 46.
- L.I. Vinberg; an obituary. p. 46.
- Geishtenkorn, S.I.A. - Improving the technical and economic indices of foundry. p. 47.

*METALLOVEDENIE I TERMICHESKAIA OBRABOTKA METALLOV [METALS AND HEAT TREATMENT OF METALS]. Organ of Gosudarstvennyi komitet po nauchnostirovaniu pri Gosplane SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, no. 3, Mar. 1965.

- Table of contents translated:
- Fridlander, I.N., and others. - Aluminum-beryllium base alloys. p. 2.
- Klygin, L.P., Stepanov, M.N., Zakharov, V.Z. - Fatigue resistance and static crack strength of parts extruded from the AV alloy of varying purity. p. 5.
- Savitskii, E.M., Zakharov, A.M. - Studying the mechanical properties of alloys in the system Nb - W - Mo - Zr. p. 8.
- Puchkov, B.I., and others. - Hardening of copper-nickel alloys during recrystallization annealing and recovery during repeated deformation. p. 17.

- Pastukhova, Zh.P., and others. - Effect of addition alloys on the properties of aluminum bronze. p. 22.
- Grabin, V.F., Mudevskii, I.U. B. - Structure and properties of copper base alloys with cobalt and silicon addition alloys. p. 28.
- Timofeeva, Z.A., Zherumskii, L.B. - Studying the strength and elasticity properties of a B1B2 beryllium bronze micro tape. p. 33.
- Kaidonskii, V.M., Perkas, M.D. - Reasons for the occurrence of brittleness in ferritic austenitic stainless steels. p. 37.
- Gulakov, A.P., Fel'dgander, E.G., Saykina, L.I.A. - Embrittlement of ferritic austenitic and ferritic stainless steels. p. 41.
- Sokol, I.I.A. - Effect of heat treatment on the brittleness of ferritic austenitic steels. p. 45.
- Spiridonov, V.B., Skakov, I.U.A., Iordanski, V.N. - Effect on microstructure of Kh21N5T steel. p. 47.
- Cherkashina, N.P., Barzil, V.K., Babakov, A.A. - Production of sheet from Kh21N5T steel at the Zaporozhstal' Plant. p. 50.
- Kul'kova, M.N., Ignatova, N.I. - Occurrence of brittleness in Kh21N5T steel plate. p. 53.
- Moshkevich, E.I., Gunaza, K.P., Zlatkina, B.I. - Studying the properties of Kh21N5T steel. p. 57.
- Fifth all-Union scientific and technical conference on the use of high-frequency current in electrotechnics. p. 61.
- Shlykov, P.A. - Results of the all-Union Competition of the Central Board of the Scientific Technological Council of the Machinery Industry for the D. K. Chernov and N.A. Minkevich prizes in 1964. p. 62.

No. 9, Sep. 1965.

- Table of contents translated:
- Shmelev, I.A.A., and others. - Mechanical properties of semi-killed and capped steels and Si 38p steels. p. 2.
- Davydova, L.N. - Properties of structural steel treated in the ladle with liquid synthetic slag. p. 8.
- Danilova, A.I.A. - Alloying structural steel. p. 14.
- Aristov, N.P., Geller, I.U.A. - Properties of tool steels for use as structural material in the manufacture of machine parts. p. 18.
- Shur, E.A., Rauzin, I.A.R. - Effect of single and double thermal treatment on properties of medium carbon low alloy steel. p. 21.
- Volkmanov, A.V., Rauzin, I.A.R. - Effect of carbon content on the properties of high-carbon low-alloy steels. p. 25.
- Perkas, M.D. - Nature of the high plasticity of martensite aging alloys. p. 28.
- Blanter, M.E., Shamlev, S.Sh. - Effect of carbon and post quenching cold plastic deformation on the properties of steel. p. 32.
- Belokova, A.F., Krutovskii, I.U.V., Paisov, I.V. - Effect of rare-earth metals on the structure and properties of structural steel. p. 37.
- Zhmikhovskii, E. - Inoculated high speed steels with an increased carbon content. p. 42.
- Popandopulo, A.N. - Effect of the size of eutectoid and secondary carbides on the properties of R18 steel. p. 46.
- Kupalova, I.K. - Effect of cobalt on the structure and properties of high speed steel. p. 49.
- Biriskova, V.N. - Isothermal hardening of tool steels. p. 53.
- Lomakin, V.N., Matinkina, E.I. - Determining the hardenability of alloy steel by diagrams of isothermal transformation in austenite. p. 57.

METALLURGICHESKAIA I GORNORUDNAIA PROMYSHLENNOST' [METALLURGICAL, MINING, AND ORE-DRESSING INDUSTRIES]. Issued by Institut tekhnicheskoi informatsii Gosudarstvennogo komiteta Soveta Ministrov Ukrainoskoi SSR po koordinatsii nauchnoissledovatel'skikh rabot [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research]. Kiev, no. 4(34), July-Aug. 1965.

- Table of contents translated:
- Belevtsov, G.A., and others. - Desulfuration of pig iron in a fast-revolving and continuous drum. p. 3.
- Pogorelyi, V.P., and others. - Desulfuration of pig iron before steel smelting. p. 8.
- Arist, L.M., and others. - Recovery of cast iron from the blast furnace slag in the Ukraine. p. 8.
- Evdokimov, N.A., Soldatkin, A.I., Vashinskii, V.I. - Lengthening the service life of blast furnace air tuyeres. p. 10.
- Asakhov, A.G., and others. - A system for the automatic control of fuel proportioning processes in sintering plants. p. 12.
- Dekhanov, N.M., and others. - Production of high-quality ferrosilicon powder for heavy suspensions. p. 14.
- Koch, V.S., and others. - Thermal conditions in an oxygen-blown converter. p. 16.
- Goncharenko, N.I., and others. - Smelting of steel in oxygen and steam-blown converters with an acid lining. p. 20.
- Zakov, S.T., and others. - Working out nomograms for the calculation of additions during the converter smelting process. p. 25.

- Sautkin, N.I. - State of oxidation of the open-hearth mild lined steel. p. 30.
- Mozorov, S.I. - Methods of improving the processing of light-weight steel scrap. p. 32.
- Kosenko, V.L. - Labor productivity and cost of metal scrap processing. p. 34.
- Talis, N.I.U., Istaiturov, V.N. - Heat-engineering peculiarities in controlling thermal conditions of holding furnaces with nonoxidizing heating. p. 36.
- Markovskii, I. Khovlin, B.V., Demchenko, A.T. - The new continuous 300 strip mill. p. 40.
- Meleshko, A.M., Kalich, K.N., Iukhnovskii, I.U.M. - Studying the forward flow on continuous sheet rolling mills. p. 43.
- Krisanov, A.F., Neznamov, I.U.M. - Possibilities of increasing production of an automatic mill. p. 45.
- Ivanov, V.G., Kharkhin, B.D. - Quality of cast iron pipe for water pipelines. p. 47.
- Perchenko, V.P., Movsesov, E.E., Bystitskii, M.N. - A two-stage method of obtaining titanium slag. p. 49.
- Ukhrov, I.U.P., Bondarenko, L.P. - Mastering the technology of manufacturing unfired dolomite resin refractories. p. 52.
- Zymalev, G.S., Maldan, D.S. - Possibilities of reducing losses and depletion of ores in the Krivoy Rog Basin. p. 54.
- Murontseva, G.N. - Determining the economic efficiency of capital investments in the expansion of Krivoy Rog mining and ore dressing combines. p. 56.
- Novozhilov, M.G., and others. - Main trends in the technology of strip mining in the mines of the Pokrovskiy Mining and Ore Dressing Combine. p. 60.
- Davidovich, A.S., and others. - Analysis of the efficiency of work output of the automated ore dressing section in the Krivoy Rog Central Mining and Ore Dressing Combine. p. 61.
- Kolesnichenko, I.T., Melis, I.U.S. - Analysis of the 80/20 B "vermoganiulii" and a new variety of the C granulate. p. 65.
- Belash, A.S., Linnik, G.F., Volkov, S.N. - Technical and economic efficiency of automatically controlled high-capacity rotary bucket excavators. p. 68.
- Radionov, I.U. - Control of the charge level in a blast furnace. p. 70.
- Sevetski, V.M., Taraputov, N.P. - An experimental use of slates in 600-ton open-hearth furnaces. p. 71.
- Protasov, A.P. - Burning-in the hearth bottom of open-hearth furnaces at the Makeyevka Metallurgical Plant. p. 73.
- Shevchenko, A.I., Malakhov, V.B., Efimov, V.A. - Pouring of steel under slag of exothermal mixtures with graphite. p. 74.
- Eit'erman, L.M., Leiner, L.K. - Coupling of high-voltage cable cables. p. 76.
- Zinchevskii, N.P., and others. - Concrete lining of the workings of scraper levels in ore mines. p. 77.
- Melezhik, V.D. - A system for the automatic control of thermal conditions in open-hearth furnaces taking into account the intensity of gas separation from the bath. p. 79.
- Mizenitskii, L.A. - Seminar on the theme "Improving the excavating operations and the transportation in strip mines of mining and ore dressing enterprises of the Ukraine." p. 80.
- Parasenko, V.A. - A technical conference on the conditions and prospects of iron and manganese ore dressing and the pelletizing of concentrates. p. 81.
- Technical and economic indices of the operation of open-hearth furnaces in the metallurgical plants of Ukraine for the half of 1965. p. 82.
- Tarlovskii, B.N., Cherkasskii, F.D. - Standard series of rotary bucket excavators in the German Democratic Republic. p. 84.
- Belash, A.S., Kovaleva, A.F. - Hydraulic mine filling in France and India. p. 87.

*METALLURGY [METALLURGIST]. Issued by Gosudarstvennyi komitet po khimii i tsivilnoi metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 10, no. 10, Oct. 1965.

- Table of contents translated:
- Shapiro, B.S. - Improving the assortment of rolled products. p. 1.
- Vishnevetski, M.L., Semerikov, G.M. - Production of sinter at the Karaganda metallurgical plant. p. 4.
- Tarasov, V.P., Raspopov, I.V. - Durability of the bells and hoppers on the new charging equipment. p. 8.
- Likhonov, A.P., and others. - Service of the lining and cooling equipment of a blast furnace in the smelting of ferromanganese. p. 12.
- Shelchetskii, A.V., and others. - Condensation dust collectors for gas purification. p. 14.
- Nikitin, B.M., Ershov, G.S., Malinovsky, E.I. - Effect of sodium oxide on the refining capacity of fluxes in electric slag remelting. p. 16.

- Monastirskii, V. I. A., Bogachev, S. I., Vasil'ev, A. N. - Heating high-grade steel ingots with dolomite waste. p. 17.
- Solov'ev, A. A., Bezrjadnov, A. A., Khmel'nitskii, M. Z. - Durability of the crown after 944 smelt-ings. p. 20.
- Machkovskii, V. A., Kharina, V. I. - Optimum composition of the powder for reconditioning of open-hearth bottoms. p. 21.
- Lazovskii, V. A. - Gunting of metallurgical furnaces. p. 23.
- Gutmanets, V. V., Tsybaney, E. G., Cherkashin, A. P. - Grooving the rolls of the roughing stand of continuous wire rod mills. p. 26.
- Orlov, S. I., and others. - Introduction of sectional drawplates for the manufacture of low-carbon steel wire. p. 28.
- Svetitskii, F. A. - Manufacture and use of casing pipes. p. 30.
- Shamovskii, E. Kh. - Mechanization of slab cleaning. p. 32.
- Rospasenko, V. I. - Use and redesign of the pickling compartment of the 2800 plate mill. p. 33.
- Chernyi, A. - A welder's work will get easier. p. 36.
- Gol'dberg, S. - In the pursuit of new achievements. p. 37.
- Argunov, M. - Visiting our Bulgarian friends. p. 38.

- MOSCOW, GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATELSKII I PROEKTYNIY INSTITUT SPILAVOV I OBRABOTKI TSVETNYKH METALLOV, Trudy [STATE SCIENTIFIC RESEARCH AND DESIGN INSTITUTE OF THE ALLOYS AND PROCESSING OF NONFERROUS METALS, Transactions], No. 23, 1965, Handbook on the properties and use of substitutes for copper, nickel, tin, lead and their alloys.
- Table of contents translated.
- Principal directions of saving nonferrous metals in the national economy. p. 7.
- Characteristics of copper, nickel, tin, lead and their alloys used in the national economy. p. 11.
- Copper alloys with a reduced content of nonferrous metals in short supply. p. 38.
- Aluminum and its alloys as substitutes for copper and other alloys. p. 61.
- Zinc alloys as substitutes for copper, lead, and tin alloys. p. 77.
- Economy of lead and tin in lead and tin alloys. p. 105.
- Substituting nonferrous metal alloys by ferrous metals. p. 119.
- Manufacture and use of bimetal products. p. 136.
- Corrosion-resistant coatings for nonferrous metal substitutes. p. 153.
- Ceramic metal materials. p. 173.
- Substitution of nonferrous metals by nonmetallic materials. p. 188.

- MOSCOW, INSTITUT GORNOGO DELA IMENI A. A. SKOCINSKOGO, Nauchnye soobshcheniya [A. A. SKOCINSKII INSTITUTE OF MINING, Scientific Reports], Vol. 24, 1965, Strip mining.
- Table of contents translated.
- Mel'nikov, N. V. - Scientific research in the field of strip mining. p. 5.
- Karpukhin, E. D., Motov, I. M. - Blasthole boring by combined percussion-roller bits in strip mining. p. 13.
- Marchenko, L. N., Demiduk, G. P. - Charges with air spaces and high-dispersion granulated explosives as means of controlling the blast effect. p. 22.
- Vinit'skii, K. E., Rentovich, E. I. - Economic and mathematical modelling of loading and transportation operations in strip mining. p. 31.
- Karpinski, G. E. - Efficiency of the organization of boring and blasting operations in the Krivoy Rog Basin open-cut mines. p. 40.
- Potapov, M. G. - Classification of transportation systems in open-cut mines. p. 45.
- Krasnikov, A. S., and others. - Selecting the optimum parameter equipment of continuous operation and with an output of over 10,000 m³ per hour. p. 48.
- Men'shov, V. S., Petrov, V. S. - Parameters and technology of the operation of rotary top and bottom scooping excavators in iron ore mining in Kursk Magnetic Anomaly. p. 59.
- Rostovtsev, A. F. - Mining of open-pit side sections with heavy rotary excavators using the conveyor-bridge waste disposal system. p. 66.
- Kosyrev, V. I. - Determining the length of the job of a rotary excavator with increased shearing force. p. 73.
- Chernegov, I. U. A., Aleinikov, B. I. - Methods of selecting the parameters of working faces in automatic programming control of rotary excavators. p. 84.
- Antonov, F. A., Demin, A. M. - Computation of slopes in deep open pits. p. 94.
- Pakhomov, E. M. - A method of computing the optimum output of an open-cut mine by its overburden. p. 105.

- Drannikov, S. A. - Efficiency of the methods of separate drawing in a series of coal seams in the Kuznetsk Basin mines. p. 109.
- Mordukhovich, I. L. - Parameters of the auger mining of coal. p. 122.
- Chesnokov, M. M. - Special methods of strip mining with the purpose of preserving the natural properties of the mineral. p. 130.

- MOSCOW, TSENTRAL'NYI NAUCHNO-ISSLEDOVATELSKII INSTITUT CHERNOI METALLURGI, Sbornik trudov [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF FERROUS METALLURGY, Papers], No. 43, 1965, Powder metallurgy.
- Table of contents translated.
- Bozok, B. A. - New course in the development of powder metallurgy. p. 5.
- Lobachev, B. P. - Hydrostatic extrusion, survey of literature. p. 21.
- Dymov, V. V., and others. - Structural characteristics of the hydrostatic extrusion equipment designed by the Central Scientific Research Institute of Ferrous Metallurgy. p. 32.
- Bruzman, R. K., Lobachev, B. P. - Explosive extrusion of powder materials, survey of literature. p. 43.
- Bozok, B. A., and others. - Experimental powder rolling on an industrial type mill. p. 53.
- Malin, A. P., and others. - Producing high purity sheet and strip by means of the direct rolling of an electrolytic titanium powder. p. 60.
- Bozok, B. A., Teplenko, V. G. - Obtaining alloy and steel powders by the simultaneous reduction of oxide mixtures by calcium hydride. p. 69.
- Shegoleva, R. P., and others. - Ceramic metal chromium and chromium-nickel stainless steels. p. 81.
- Solov'eva, Z. V., and others. - Investigating the technological conditions for the preparation of nichrome powder and its properties. p. 99.
- Shegoleva, R. P., and others. - Investigating the microstructure of powder alloys obtained by simultaneous reduction. p. 109.
- Teplenko, V. G., Solov'eva, Z. V., Makshantseva, G. T. - Investigating the possibility of preparing powder steels. p. 115.
- Bozok, B. A., Kaipman, G. M. - Investigating the effect of disperse oxide inclusions on the properties of nickel. p. 119.
- Kaipman, G. M., Manegin, I. U. V. - Extrusion of nickel rods hardened by disperse oxide inclusions. p. 131.
- Teplenko, V. G., Kudnova, K. G., Shishkanov, T. S. - Technology of preparing titanium and calcium hydrides. p. 135.
- Dzneladze, Zh. I., Efimkin, V. I., Lasinskaya, V. S. - Developing conditions for the deformation of sintered blanks on molybdenum and its alloys with 0.45% of zirconium. p. 140.
- Gol'tsev, V. P., Dzneladze, Zh. I. - Approximate calculation of the interaction of interstitial impurities with alloying elements during the sintering of molybdenum. p. 145.
- Dzneladze, Zh. I., Gol'tsev, V. P., Lasinskaya, V. S. - Nonmetallic inclusions in molybdenum-base ceramic metal alloys. p. 151.
- Manegin, I. U. V. - Making pipe of molybdenum ceramic metal ingots by the hot extrusion method. p. 157.
- Seloznev, L. A., Savin, A. V. - Testing sintered molybdenum for hot tension. p. 164.
- Teplenko, V. G., and others. - Preparing high-purity iron and making alloys on its base. p. 169.

- MOSCOW, UNIVERSITET DRUZHBY NARODOV, Trudy [UNIVERSITY OF THE FRIENDSHIP OF PEOPLES, Transactions], Vol. 3, 1963, Geologia, gornoe delo i geodeziya [Geology, Mining, and Surveying], no. 1.
- Table of contents translated.
- Daminova, A. M. - Alkali rocks of the Taymyr Peninsula. p. 3.
- Klefter, V. M. - Grouping of favorable geological conditions governing the occurrence of basic pay-mineral deposits. p. 49.
- Albul, S. P. - Characteristics of hydrogeochemical prospecting for sulfide deposits in the marginal zone of the Russian Platform. p. 58.
- Albul, S. P. - Method of the geochemical prospecting of lead ores in platform areas under the conditions of moraine formations. p. 77.
- Nesimikh, G. S. - Some characteristics of the Akatuy ore zone (eastern Transbaikalia). p. 90.
- Rzhevskii, V. V. - Systems of strip mining. p. 104.
- Razmyslov, I. U. S. - Efficient design of the parameters of the working equipment of mechanical shovels for overhead loading. p. 118.
- Pirogov, V. G. - Field testing of an experimental set of microbarometers with a microscope-micrometer. p. 134.
- Pavlov, P. F. - Error in the position of the points of a trilateration (linear) network. p. 140.

- NEFTEPROMYSLOVOE DELO [PETROLEUM PRODUCTION], Issued by Tsentral'nyi nauchno-issledovatel'skii institut tekhniko-ekonomicheskikh nauk dlya neftepromyshlennosti, neftekhimicheskoi i gazovoi promyshlennosti [Central Scientific Research Institute of Technological-Economic Studies in the Petroleum, Petrochemical, and Gas Industry], Moscow, no. 1, 1965.

- Table of contents translated.
- Amilian, V. A., and others. - Method for filling the bottom zones of wells using acetic acid with surfactant additives. p. 3.
- Sidorovskii, V. A., Vol'skii, M. I. - Using surfactants in the test exploitation of the Ust'-Balyk oil field (Western Siberia). p. 8.
- Zverov, V. A. - Method for investigating wells with carbonate reservoir rocks using subseam flow meters. p. 11.
- Antropov, A. D. - Exploitation of flowing wells drilled in bed D₁ of the Shkapovo oil field using sinking centrifugal pumps. p. 14.
- Solodov, A. A. - Analyzing the operation of wells equipped with hydraulic piston pumps in the Oil Field Administration of the Al'keyevo Oil Trust. p. 16.
- Chirayev, O. M. - Central injection of hot petroleum in rod beam-well production using a device for pouring liquid from pipes. p. 20.
- Deniaev, G. G., Kotelnikov, V. M., Mikhlin, N. S. - Effect of valley perforation on the fracture of casing strings. p. 22.
- Babizhaev, I. U. G. - Using abrasive sand-jet perforation for the evolution of bottom water in fields of the Oil Field Administration of the Zhdanovsk Petroleum Trust. p. 24.
- Deniaev, G. G. - Utilized possibilities for sand-jet perforation. p. 27.
- Shein, V. A., Khantsev, V. G. - Method for the comparative technical-economic evaluation of various methods of flooding. p. 30.

No. 6, 1965.

- Table of contents translated.
- Zazovskii, F. I. A., Kamenetskii, S. G. - Change in the coefficient of piezconductivity in an oil reservoir with a pressure equal to the saturation pressure or close to it. p. 3.
- Kotikhov, P. I., Mel'nikova, I. U. S., Urechak, V. P. - Permeability of lithologically uniform sandstones in bed D₁ of the Tuzmaz oil field. p. 7.
- Nugayev, R. I. A., Balmukhametov, K. S. - Infiltration of wells simultaneously separately exploiting two horizons. p. 9.
- Bashkirtsev, M. I., Sabatulin, I. Z. - Experimental simultaneous separate exploitation of two high-temperature oil beds in one well. p. 11.
- Bikbaev, I. M. - Conducting interval oriented hydrochloric acidization of wells using a jet apparatus. p. 14.
- Saved, G. M. - Using a water-oil emulsion as a fracture liquid and liquid sand-carrier. p. 17.
- Slakimov, R. Kh., Gailmov, A. G. - Experience of the Oil Well Administration of the Ishimbay Production Trust in the recovery of casing from wells and trenches. p. 19.
- Solomatina, G. G., Akhmetshina, M. A., Kurbanov, R. T. - Results of the use of fine sand in hydraulic fracturing. p. 21.
- Timashev, A. T. - Using vitrified pipes in the control of paraffin sedimentation in beam well exploitation. p. 26.
- Dovilkamov, V. V., Vygodskii, E. M., Mal'nevich, V. S. - Determining the level of mercury in the steel tubes of a differential manometer at high static pressure. p. 28.
- Obidnov, B. I. - Economic expediency of the centralization and combined automation of petroleum-production processes. p. 30.
- Ovnatyan, G. T. - Economic advantage of the use of corundum in hydraulic fracturing. p. 32.

No. 9, 1965

- Table of contents translated.
- Korobov, K. I. A., Mamlov, D. G. - Development of layer VI in the Ashit area of the Arlan oil field. p. 3.
- Zazovskii, F. I. A., Kamenetskii, S. G. - Pressure restoration on well bottoms in thinned oil flow. p. 6.
- Bikulov, R. V. - Characteristics of flooding operations in the Arlan oil field. p. 12.
- Khuaev, A. P., Grachev, P. A. - Using surface active agents in petroleum production in the Amudarynskaia Troitskaya field. p. 16.
- Voronovskii, V. R., Faddoev, V. P. - Determining the required frequency for transmitting information on the yield of oil wells. p. 21.
- Gil'manov, G. R., Urechonko, V. I., Samikov, A. V. - Determining the pressure on the intake of an electric centrifugal sinking pump by means of a frequency transducer. p. 26.
- Ivanov, T. P., Tinkov, G. F. - Automatic device for determining saturation pressure on a well. p. 28.

NEFTIANOE KHOZIAISTVO [PETROLEUM INDUSTRY]. Organ of Gosudarstvennyi komitet naftedyudushchei promyshlennosti pri Gosplane SSSR [State Committee for Petroleum Production, Attached to the State Planning Committee of the U.S.S.R.] and others, Moscow, vol. 43, no. 9, Sep. 1965.

Table of contents translated:

- Gilgorov, P. N., Aslatov, P. I., Bureev, M. B. - Method for processing factual data on drilling techniques. p. 1.
Gizarrin, G. S. - Nomogram for determining the length of drill collars. p. 7.
Mintaev, G. A., and others. - Effect of geothermal conditions on the deformability of production casings. p. 9.
Leonov, E. G., Gimatov, I. U. P., Filatov, B. S. - Pressure losses in casing space. p. 12.
Rizantsev, N. F. - Transferring strains to a deep mechanism by means of the weight of drill pipes. p. 17.
Kovalenko, K. I., Belozetov, G. I. - Reserves for increasing petroleum production in Bashkir fields. p. 22.
Tobin, F. A., Shchetnikov, G. V. - Express method for testing wells based on pressure build-up curves. p. 28.
Gadzhiev, Sh. A. - Concerning a basic theorem of the theory of elastic drive. p. 31.
Medvedskii, R. I. - Simple formulas for calculating ultimate recovery of liquid from a layer in initial production. p. 35.
Sattarov, M. M. - Determining the ultimate recovery from a pool produced by deep pumps. p. 38.
Sidorovskii, V. A. - Analyzing hydrodynamic data on fractured reservoirs in testing oil wells. p. 41.
Baghirov, M. K., Melnikbekov, A. S. - Mechanical properties of the oil-sand mixture used in hydraulic fracturing. p. 47.
Gikarev, N. D., Kal'mol'tov, R. A. - Paraffin tar deposition in petroleum pipeline systems. p. 51.
Agabekov, N. G., Avutunov, L. A., Tsalkevich, I. R. - Bucket-type flowmeters. p. 54.
Shapiro, D. A. - Determining the liquid level in the casing space of beam wells. p. 59.
Mush, N. Kh., Smirnov, N. N. - Practice in using the sand jet method in the Shkapovo field. p. 62.
In the State Committee on Petroleum Production. p. 66.

***OGNEUPORY [REFRACTORIES].** Organ of Gosudarstvennyi komitet po khimicheskoi i tsvetnoi metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.] and others, Moscow, vol. 30, no. 10, 1965.

Table of contents translated:

- Petr Petrovich Budnikov, on his 80th birthday. p. 1.
Nekrasov, K. D., Salimov, G. D. - Introducing to industry the results of scientific research made in the field of heat resistant concrete. p. 3.
Soffer, V. M., Litula, V. A. - Using a silica composition for the rammed lining of small steel-pouring ladles. p. 6.
Sifronov, P. A., and others. - Substitution with semiconductor rectifiers for current supply of electric trucks. p. 7.
Goncharov, V. I., Savanov, M. I., Turchinova, L. N. - Dressing granite-sillimanite gneisses from the Bug Valley deposit. p. 10.
TSolniko, I. U. I., Vishnevskaya, L. A., Gul'ov, G. F. - Temperature field of a 50-ton converter lining. p. 15.
Vlasov, N. N., D'akonov, V. I. - Chromium reduction from chromium-containing furnace patching materials. p. 21.
Strelou, K. K. - Theory of the wear of basic linings in open-hearth furnaces. p. 23.
TSigler, V. D., Dulakh, V. I., Tarasova, T. E. - Methods of determining the slag resistance of ladle firebrick. p. 31.
Degl'areva, E. V., Totsenko, S. B. - Reducing shrinkage in the firing of corundum products. p. 31.
Kalinarskii, I. S., Orlova, I. G., Prokopenko, M. I. - Connection between losses during the calcining of alumina and the strength of raw brick during heating. p. 37.
Ovchinnikov, I. U. M., and others. - Oxygen permeability of ceramics on a ZrO_2 base. p. 40.
Krylovskii, S. S., and others. - Firing refractory raw materials in a fluidized bed. p. 43.

***POROSHKOVAIA METALLURGIYA [POWDER METALLURGY].** Organ of Institut metallokeramiki i spetsial'nykh splavov AN USSR [Institute of Ceramic Metals and Special Alloys of the Academy of Sciences of the Ukrainian S.S.R.], Kiev, vol. 4, no. 6(23), Sep.-Oct. 1964.

Table of contents translated:

- Alekseeva, F. N., and others. - Role of second-order distortions in compaction processes during pressing and recrystallization in the sintering of high-melting metals. p. 1.
Krasovskii, I. A. - Regularities of deformation and fracturing of porous ceramic metal materials on an iron base. Report no. 2. p. 9.

- Samsunov, G. V., Iashinskaya, G. A. - Interaction of high-melting compounds with molten metals. p. 16.
Ulanovskii, E. S. - Strength regularities of soft, fiber-reinforced plastics on a two-component vapor. p. 27.
Prosvirskii, S. G., Lopato, L. M. - Factors determining the type of constitutional diagram for binary systems formed by refractory oxides. p. 35.
Dobitskiy, E. T. - Macrokinetics of the oxidation of porous materials. p. 41.
Rozentov, V. A. - Stress-rupture strength of tungsten. p. 47.
Lichner, V. N., Lukashenko, G. M., Sidorok, V. R. - Thermodynamic properties of manganese silicides. p. 49.
Klimenko, V. N. - Strength of chromium carbide alloys. p. 52.
Zhuravskii, E. A., Dzeganzskii, V. P. - X-ray spectroscopy in the field of the homogeneity of titanium nitrides. p. 57.
Aizik, V. G., Sitomov, E. N., Lipitskii, I. U. A. - Characteristics of the technology of making compact pits and the mechanical properties of certain rare-earth metal hexaborides. p. 65.
Svachek, M. - Methods of activated sintering with the use of chlorides. p. 71.
Klasko, L. I., Semenov, M. P., Besolova, N. K. - Obtaining and evaluating the granulosity of coarse-grained tungsten powders. p. 77.
Sitpanov, S. I. - An infiltration material on the basis of steel chips. p. 81.
Molozov, V. N., Semenov, I. U. N. - Ceramic metal ion filters for the fine purification of diesel fuel. p. 87.
Fedorchenko, I. M., and others. - Comparative testing of ceramic metal piston rings on tractor engines. p. 92.
Serduk, S. M., and others. - Metal temperature control in converters with the use of ceramic metal zirconium boride tips. p. 98.
Razhenova, L. N. - Seminal on the crystal chemistry of elements and compounds. p. 104.

Vol. 5, no. 1(25), Jan. 1965.

Table of contents translated:

- Kutin, N. F., Urichenko, D. D., Myshkina, N. V. - Phenomena of energy absorption during the compaction of metal powders. p. 1.
Solonin, S. M., Globin, L. V. - Investigation of the effect of heat treatment on the properties of porous stainless steel. p. 13.
Andrievskii, R. A., and others. - Porous ceramic metal material from stainless steel. p. 20.
Kislyi, P. S., Kuzenkova, M. A. - Gas-tight protective casings of thermocouples made of zirconium boride. p. 32.
Fedotov, T. F., Gladyshevskii, G. I. - Phase equilibrium in the ternary systems of the fourth and fifth groups of transition metals with carbon. p. 37.
Gromenko, V. N., Velikanova, T. I. A. - Crystallization type and composition of higher molybdenum carbide. p. 41.
Fedorchenko, I. M., Chayka, B. I. - Investigation of the mechanical properties of powder metal steels obtained by sintering mixtures of iron and graphite powders. p. 45.
Troschenko, V. T. - Investigation of the deformability of porous ceramic metal materials during tensile testing. p. 52.
Kozorenko, I. D., Neslpor, V. S. - Effect of neutron radiation on the properties of high-melting compounds. p. 60.
Lugai, V. I. - New method of determining deformations in cast and ceramic metal materials. p. 71.
Ley, M. B., Pavlovskaya, E. I. - Use of porous ceramic metal firebricks for the localization of flame. p. 74.
Krasnov, A. N., Sleptsov, V. M. - Arc plasma in the metallurgy of ceramic metals. p. 79.
Buryakina, A. I., Evtushenko, O. V. - Diffusion bonding in vacuum of metalloid carbides with high-melting metals. p. 87.
Lakh, V. I., Portak, R. A., Turebakh, L. S. - Prolonged measurement of the temperature of melts in aluminum electrolyzers. p. 96.
Samsunov, G. V. - Classification of carbides. p. 98.
Stolzar, S. - Conference on powder metallurgy held in Poland. p. 107.

REFERATIVNYI ZHURNAL: GORNOE DELO [JOURNAL OF ABSTRACTS: MINING] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 10-11, Oct.-Nov. 1965. Predmetnyi ukazatel' za 1965 g. [Subject Index for 1965], publ. 1965.

REFERATIVNYI ZHURNAL: GORNYE MASHINY (Otdel'nyi vypusk 43) [JOURNAL OF ABSTRACTS: MINING MACHINERY (Separate Issue 43)] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no. 10, Oct. 1965. Predmetnyi ukazatel' za 1964 g. [Subject Index for 1964], publ. 1965.

***REFERATIVNYI ZHURNAL: METALLURGIYA [JOURNAL OF ABSTRACTS: METALLURGY]** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 10-11, Oct.-Nov. 1965.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestiia vysshikh uchebnykh zavedenii, tsvetnaia metallurgiya [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Geology and Prospecting]. Moscow, vol. 6 (no. 8), no. 5, May 1965.

Table of contents translated:

- Azhgirel, D. G., Dubinin, A. F., Korobov, V. V. - New data on the Lower Carboniferous stratigraphy of the Zyrzansk region in the Altai. p. 3.
Medvedev, V. I. A. - Supposed relationship between crystalline formations of the core of the Caucasus megacollum and the western part of the Tien Shan. p. 12.
Prokopenko, B. I., Izrael, L. M. - Basic trends in the ablation of rhyolite material and diamonds in the northeastern part of the Siberian Platform in the Lower Jurassic. p. 19.
Akhmedov, N. E. - Regionalization from the viewpoint of the recent tectonics of the central part of the Caucasian isthmus (in the limits of the Georgian S.S.R.). p. 29.
Trofimov, A. M. - Characteristics of the development of slopes. p. 35.
Vishnevskaya, I. I., Trusova, I. F. - Akzhal massif of ultrabasic rocks (central Kazakhstan). p. 38.
Slonovskii, E. A. - Paragenesis of minerals in the albitic granite pegmatites of Siberia. p. 54.
Korytkin, A. A. - Paleozoic intrusive complexes in the northwestern part of central Kazakhstan. p. 70.
Goslavskaya, L. D., Bordelius, N. A. - Possibility of using ultrasonics in the study of disseminated ores. p. 85.
Burikov, E. V., Rakcheev, A. D. - Characteristics of the morphology of ore bodies in the Karabash sulfide deposits of the Urals. p. 90.
Roslakov, G. V., Shlimanskii, A. A., Shlimanskaya, G. V. - Possibility of using correlation analysis for determining the content of some components in the iron ores of the Angara-Ilim region. p. 97.
Miroshnikov, I. I. - Possible types of natural and synthetic raw material for fusing special and optico-technical quartz glass. p. 104.
Korotkov, A. I. - New data on the chemical composition of ground waters in the Chudovo region. p. 109.
Gaidin, A. M. - Some physical parameters of water-bearing beds. p. 112.
Makagonov, P. P., Solov'ev, G. A. - Calculation of the correction for the effect of relief during observations by a gravimeter. p. 122.
Grachevskii, I. G., Bukharov, G. N. - Distribution of stresses in a material specimen in compression strength testing. p. 128.
Fokeev, V. M., Mel'nikhuk, I. P. - Some reasons for a change in the mechanical properties of rocks in case of thermal action and subsequent cooling. p. 131.
Ziminov, N. V., Smirnov, I. U. T., Fazlulin, M. I. - Results of the study of the dustiness of mine air in prospecting drilling. p. 140.
Rodionov, N. S. - Determination of the duration of blast-drilling operations during their normalization. p. 148.
Tikhonov, N. V. - Selection of the technical means for the mechanization of rock collecting in a geological prospecting gallery. p. 149.
Sennikov, V. N. - Practice in electrochemical strengthening of rocks under laboratory conditions. p. 153.
Epshtein, E. F., and others. - Chlorogenic acid, a new reagent for treatment of clay solutions. p. 166.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestiia vysshikh uchebnykh zavedenii, tsvetnaia metallurgiya [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Nonferrous Metallurgy]. Moscow, vol. 8, no. 5, 1965.

Table of contents translated:

- Gilgorov, V. V. - Regularities in the distribution of complex ore mineralization in the northeastern part of the mountainous Dagestan region. p. 3.
Tikhov, M. A. - Studying the manifestation of rock pressure in unstable rocks of the Khandikonsky complex ore deposit. p. 7.
Bakhtulin, E. N. - Determining the amount of rock pressure on supports in the face area depending on its width and time length of supporting. p. 12.
Kisev, A. G. - Efficient shape of superimposed explosive charges. p. 17.
Zubkov, L. B., Chistov, L. B. - Certain mineralogical and technological characteristics of ores in the weathered layer of rare metal deposits. p. 23.
Berdichevskii, B. I., Alzenberg, G. E. - Optimum metal content in concentrates from the dressing of sulfide antimony-mercury ores. p. 29.
Golovinski, A. I., Ivanov, V. I. - Investigating the use of sulfur bacteria in hydrometallurgy. p. 33.
Kazantsev, E. I., and others. - Sorption of metal ions by carboxyl base exchanging compounds in the form of hydrogen. p. 43.

- Bessonov, A. F., Ust'rutsev, V. M., Iaroslavtsev, A. S. - Investigating the kinetics of phase transformations in a specimen of magnesium and copper oxides. p. 49
- Kashir, V. I., Levin, A. I., Mikhlin, V. A. - Investigating conditions for the electrolytic refining of copper in a nickel-containing electrolyte. p. 54
- Kulich, S. A., Shkhat, R. Sh., Katsyub, I. A. - The structure of silver amalgams. p. 59
- Anisimov, S. M., Petukhov, V. I. - Behavior and separation of impurities during the thermal dissociation of silver nitrate. p. 61
- Dobrit, V. F., Koshka, E. F., Bobkov, P. I. - Mechanism of palladium extraction by alkyl trimethyl ammonium chloride. p. 66
- Rakhimov, A. R., Aghmetov, S. F., Ponomarev, V. D. - Simultaneous hydrochemical treatment of gehlenite-dialuminate slags with nepheline. p. 71
- Kashtov, G. Z., Lainer, A. I. - Effect of potash lye and sulfates on the decomposition of aluminate solutions in the complex treatment of alunite. p. 77
- Smitov, M. V., Kudakov, V. I. A. - Equilibrium potentials of zirconium in molten lithium chloride. p. 82
- Davidson, A. M., Kudakovtseva, L. G. - Investigating changes of the flame temperature in tubular kilns with the help of a modeling machine. p. 89
- Vigdorovich, V. N., Chernomordin, I. F. - Characteristics of the zone recrystallization of aluminum. p. 95
- Drits, M. F., Syrdatskaya, Z. A., Trofimova, V. G. - Properties of magnesium alloys containing lithium. p. 101
- Pupova, L. A. - Electric properties of alloys in the system copper - manganese - silicon. p. 108
- Pictent, V. M. - Effect of hydrogen on the electric resistance of niobium. p. 113
- Savitskii, I. M., Zakhvatov, A. M. - Hardness of alloys in the ternary systems Nb - W - Zr and Nb - Mo - Zr at 1500°. p. 117
- Alferova, N. S., Shevchenko, V. I. - Effect of alloying on the deformability and recrystallization of α -titanium alloys. p. 122
- Vamblat, I. U. M., Gotslik, S. S., Granovskii, E. B. - Effect of heat treatment on certain properties and the structure of the extended AlMg alloy. p. 128
- Pul'usin, N. M., Larionov, V. A. - Distribution of air components between the scale and the altered layer of certain titanium alloys. p. 131
- Lakomskii, V. I. - Thermodynamic conditions for the process of degassing metals during their remelting in vacuum. p. 135
- Georgievskii, I. U. I. - Statistical investigation of current efficiency in electrolytic aluminum production as dependent on the basic parameters of the electrolytic cell conditions. p. 138
- Kalimakov, A. A., and others. - Variants of the Mössbauer electromechanical rapid spectrometer for use in ore dressing and nonferrous metallurgy. p. 144
- Pol'kin, S. I., Nebesa, V. P. - Scientific research institutes and universities in India. p. 149

SHAKHTNOE STROITEL'STVO [MINE CONSTRUCTION]

Organ of Gosudarstvennyi komitet po delam stroitel'stva SSSR [State Committee for Construction of the U.S.S.R.] and others. Moscow, vol. 9, no. 7, July 1965

Table of contents translated

- Rozhkov, N. I., Grekov, A. G. - Effectiveness of the hydraulic method in carrying out the upraise work in mines under construction. p. 1
- Matonin, P. K., Monastirskiy, N. S., Simakov, V. A. - Making 1,803 meters of mining in 31 workdays at the mine No. 122 of the "Karagandagol" Combine. p. 5
- Khalimov, A. I., Bulatov, V. V., Vladimirov, G. G. - Making 2,075 meters of mining in 31 workdays. p. 9
- Chekanov, V. A., Kheifets, L. G. - Methods of work standardization in mining. p. 12
- Kraychenko, G. I., Belov, A. E. - Selection of parameters for red bulking in vertical shafts. p. 14
- Stanchenko, I. K., and others. - Underground drainage mines under construction in the western Donets Basin. p. 16
- Nelubov, I. V., Barhin, E. I., Svetlichnyi, S. I. - Vibrations of the reinforced concrete tower head frame under the seismic effect of open pit blasting. p. 20
- Aliforov, A. N. - Use of gunite in the construction of the Yatta tunnel. p. 23
- Usoltsev, V. P. - Rapid mounting of a hoist-cage head frame. p. 25
- Smellanets, S. G., and others. - Industrial testing of the ONK-10 equipment. p. 27
- Semenov, P. I., Pravotorov, A. F. - Changing the obsolete method of laying tubular stands in the mine shafts under construction. p. 28
- Pustovitin, L. T. - Seminar on the study of advanced practice in mining. p. 31

TIFLS, KAVKAZSKIY INSTITUT MINERAL'NOGO SYRYA. Study [CAUCASIAN INSTITUTE OF MINERAL RAW MATERIALS. Transactions]. No. 5(7), 1965

Table of contents translated

- Chogoshvili, I. D. - Testing new reagents, cheaper than oleic acid, on the mineral complex of barite ores. p. 3
- Chogoshvili, I. D. - Studying the interaction of tall oil soap with barite, calcite, and quartz by the methods of infrared spectroscopy and the electrokinetic potential. p. 11
- Mdivnishvili, O. M. - Crystal structure formation and its effect on physical and chemical properties of clay. p. 21
- Mdivnishvili, O. M., Viakhirev, N. P. - Studying the structure of clay minerals with various degrees of dispersion. p. 31
- Merabishvili, M. S., and others. - Effect of heat treatment on the structure and physicochemical properties of bentonite clays. p. 39
- Merabishvili, M. S., Mdivnishvili, O. M., Ponomareva, G. A. - Estimating the sorption activity of clays. p. 45
- Gogvadze, L. D. - Dressing of the Dzirula pegmatites. p. 49
- Dolaberidze, L. D., and others. - Faster methods of determining barium in ores and concentration products. p. 57
- Dolaberidze, L. D., and others. - Determination of aluminum in silicates and carbonates, and in iron, titanomagnetite, and manganese ores. p. 61
- Nikolashvili, N. M., Loskutova, N. V., Toradze, I. I. - Comprehensive study of Vakis-Dzhar, Georgia, syenites as raw materials for the manufacture of alumina, soda, and cement. p. 95
- Shapakidze, V. N., Dalakishvili, A. L. - Heat and sound insulating materials from the basalts of Georgia. p. 99
- Rolzman, B. E. - Methods of determining certain minor elements in igneous rocks of the Dnieperian ore complex. p. 107
- Pol'tova, I. U. V., Dolabidze, L. D. - A simplified method of determining copper in secondary sulfides after its extraction by thiocyanide solutions in the course of chemical phase analysis. p. 113
- Gogvadze, L. D. - Flotability of nonsulfide minerals by domestic cation collectors. p. 117

TORFIANAYA PROMYSHLENNOST' [PEAT INDUSTRY]

Issued by Gosudarstvennyi komitet po toplivnoy promyshlennosti pri Gosplane SSSR and Gosudarstvennyi komitet Sovetskikh Ministrov RSFSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee for the Fuel Industry, Attached to the State Planning Committee of the U.S.S.R., and the State Committee of the Council of Ministers of the R.S.F.S.R. for the Coordination of Research]. Moscow, vol. 42, no. 3, 1965

Table of contents translated

- Solopov, S. G. - V. I. Lenin and the peat problem, on the occasion of the 95th birth anniversary of V. I. Lenin. p. 1
- Nikitin, V., Anonchikov, S. - Socialist obligations of the workers, engineers, technicians and employees of the collectives of the enterprises of the Kalinin State Peat Trust in 1965. p. 6
- For a successful organization of peat harvesting in 1965. p. 7
- Spevanskii, A. A. - For a complete mechanization of bog preparation operations. p. 10
- Rabkin, B. N. - Modernization of peat machinery. p. 13
- Beikin, M. D. - Modernization of the UMPF-4(6) peat digging machinery. p. 17
- Avutich, V. A., Luk'lanov, A. D., Popsuev, V. E. - Hydraulic "KTG" tractor-loader. p. 19
- Gantimurov, P. G., Porobov, I. U. M. - Experience in the operation of narrow-gauge diesel locomotives. p. 21
- Solopov, S. G., Bulakovskii, N. V., Nikulin, M. D. - Intensive drying of peat bogs by means of deep drainage with continuous plastic film pipes. p. 24
- Izvekov, G. M., Blakov, P. T., Belostudtsev, S. A. - Determining the power expenditure of a double-ram press during the work cycle. p. 28
- Vatavovich, M. P., Gamatunov, N. I., Pollanicheva, N. I. - Studying the moisture exchange between the slightly decomposed peat mass spread and the bog surface. p. 30
- Anan'ev, I. A., Andzhievskii, A. M. - Effect of the thermal treatment of the peat mass on the manufacturing process of insulation panels. p. 34
- Zluzhin, F. S., Leonov, V. S. - Order of planning and systematization in the repair of peat machinery. p. 36
- Exchange of experiences between the enterprises of economic councils. p. 38
- Batova, V. - Conference and seminar on fire prevention in the peat enterprises of the economic councils of the R.S.F.S.R. p. 42
- Korshanova, N. - Seminar on work organization and wages in the peat industry. p. 43

Mozzhuikhin, N. - In the fuel industry section of the technical and economic council of the Moscow Economic Council. p. 15

Dmitrii Mikhailovich Gotsunov, obituary. p. 44

Fegentii Petr'ovich Semenov, obituary. p. 17

Vol. 42, no. 7, 1965

Table of contents translated

- Vvedenskii, I. U. D., Kollum, I. A. - Two way method of milled peat winnowing as a measure for retarding self-heating. p. 1
- Lazarov, A. V. - Some indices of the technology for milled peat drying under the conditions of tropical climate. p. 1
- Samsarov, I. N. - Peat winnowing and intensified drying of peat bogs. p. 8
- Shakhov, A. N. - Methodology for the comparative analysis of labor expenditure in the winnowing of milled peat. p. 11
- Khanzhonkov, V. I., and others. - Pneumatic PVP 7 edger for milled peat. p. 11
- Sidenko, A. T., Shchegolev, I. G. - Measures for the further improvement of working conditions of pneumatic harvesting combines. p. 19
- Sheludn, S. T. - Neutron method for the regulation of peat moisture. p. 21
- Serbat, I. U. A. - Water absorption capacity as basis for the evaluation of the economic aspects of the use of peat as litter. p. 23
- Skolnikov, V. A. - Crawlers tractors and suspension of vehicles for driving on snow and huge slush at the International Exhibition in Moscow. p. 27
- Iakovlevskii, V. I. - Use of polymers materials for part repair. p. 31
- Iakovlevskii, V. I. A. - Electric welding of cast iron parts without preliminary heating. p. 35
- Ugarov, M. A. - Experience in the winnowing of milled peat with bog drainage by means of sprayer and deep canals. p. 37
- Iedulov, A. I. - Mechanisms for rail loading and unloading and mechanization of other track work. p. 39
- Vinogradov, E. P., Murav'ev, S. V. - Work practice of track workers of the Orlebovskaya enterprise. p. 39
- Rybin, V. I. - Device for the manufacture of pipes for the OR-6 stackers. p. 40
- Borisevich, V. G. - Electric current supply to the communication systems in peat enterprises. p. 41
- Kopylov, V. I. - Modified system for cooling the working fluid of the hydraulic drive of motors "TU-4" diesel locomotives. p. 44
- Bukal'tinov, P. - Seminar on the generalization of practices in the operation of TU-4 diesel locomotives in peat transportation. p. 44
- Bibliography, literature on peat. p. 45

TRANSPORT I KHRANENIE NEFTI I NEFTI PRODUKTOV [TRANSPORTATION AND STORAGE OF PETROLEUM AND PETROLEUM PRODUCTS]

Issued by Gosudarstvennyi komitet nedel'nykh promyshlennosti pri Gosplane SSSR and Gosudarstvennyi komitet Sovetskikh Ministrov RSFSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee for the Fuel Industry, Attached to the State Planning Committee of the U.S.S.R., and the State Committee of the Council of Ministers of the R.S.F.S.R. for the Coordination of Research]. Moscow, vol. 42, no. 3, 1965

Table of contents translated

- Khoimogorov, S. M., Koshchuk, V. I. A. - Constructional changes in the design of pipelines brought about by the use of plastic-chloride plastic pipes. p. 3
- Gel'mov, A. A. - Disintegration of insulation coating of underground pipelines produced by mechanical loads. p. 5
- Bykov, I. I., Borodavkin, P. P. - Experimental investigation of the stressed state of overpressured "hot" pipelines. p. 8
- Gatov, V. B. - Insulation of pipelines without paint coatings. p. 11
- Nikitenco, E. A. - Corrosion map for a pipeline. p. 13
- Filippov, F. V. - Unit for the remote control of fuel distribution pumps. p. 18
- Borisev, N. N. - Some problems in the planning and prospective development of bulk plants. p. 21
- Markova, A. N., Shoharshina, N. N. - Method of calculating the transportation of petroleum. p. 24
- Nechayev, A. G. - Table for determining the costs of oil chlorides in petroleum. p. 27
- Nikitenco, E. A. - Screw anode guarding electrodes of experimental cathode stations. p. 28
- Gritsak, F. A., Derevskikh, N. A. - Separator device for picking lubricants into small containers. p. 30

- *TSVETNYE METALLY [NONFERROUS METALS]** - Organ of Gosudarstvennyi komitet po khimii i tsvetnoi metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 18, no. 6, June 1965.
- Table of contents translated
- Zubkov, G. A. - Work of the construction bureau "Tsvetmetavtomatika" on the automation of technological processes at nonferrous metallurgy plants and factories. p. 1.
- Pevzner, M. L., and others. - Industrial tests in pebble mill grinding of gold containing ores at the S. Ordzhonikidze plant in the Baleyevskoe Combine. p. 6.
- Lebedev, A. T., Kriushin, V. P., Uchukhanov, M. M. - Effect of nuclear radiation on the flotation process. p. 11.
- Rafinikov, L. N., Pidorich, V. V. - "Zvyk" unit for automating single-stage milling cycles at ore dressing plants. p. 14.
- Plaksan, I. M., and others. - Study of factors affecting the nuclear reaction method of determining lithium and boron in products of ore dressing. p. 18.
- Zaitsev, V. A., and others. - Selecting the optimal slag composition for shaft furnace smelting of lead. p. 24.
- Malkin, I. A., Sukhoy, V. P. - Drying lead dust in a fluidized bed. p. 28.
- Volodin, N. S., and others. - Use of controlled vacuum evaporative cooling of a zinc electrolyte. p. 33.
- Reshetnikov, M. I. - Evaporating appliance cleaning and the prevention of gypsum formation during the cooling of electrolytes. p. 46.
- Olesov, O. G. - Advantage of interlocking converters with air blowers. p. 41.
- Kovyrashina, N. I., Riskin, M. A., Stoitselev, I. A. - Flotation recovery of copper from converter slags at the Mednogorsk plant. p. 42.
- Litvin, M. A., and others. - Regeneration of vanilite from cobalt cake. p. 44.
- Samoilenko, V. N., Tsyplakov, A. M. - Improving the design of coal-lined bottoms in aluminum electrolytic cells. p. 45.
- Frankovych, I. M., and others. - Lining material for aluminum electrolytic cells. p. 46.
- Begunov, A. I. - Causes of electrolytic cell bottom deterioration during the operation of aluminum baths. p. 54.
- Drygin, A. I., Tsylov, I. U. - Industrial equipment for bank counter-current extraction. p. 61.
- Khozev, A. I., and others. - Hot rolling of VTd alloy pipe at temperatures in the Alpha and Beta region. p. 63.
- Ermentuk, M. Z. - Analysis of formulas for computing thickness changes in pipe walls during drawing without mandrels. p. 66.
- Budets, V. I., Brabets, O. A. - Effect of surface preparation on drawing of nickel and copper-nickel alloy wire. p. 72.
- Budavtsov, O. B., Zasukha, P. P. - Work hardening of ASM and ATsk alloys and steel in the deformation process at various temperatures. p. 77.
- Gelezh, A. D. - Controlling pressure in an autoclave battery and level in a first stage separator. p. 79.
- Skudilov, A. I. - Automatic control of metal level in casting small diameter ingots. p. 80.
- Dzhablik, G. T. - Experience in the use of the 59TS lubricant in the cold rolling of nonferrous metals on two-high mills. p. 80.
- Pashchenko, I. V., Kutsenko, A. M. - A plexiglass pump. p. 81.
- Chaplygina, L. M. - Seminar on physical and chemical problems of mineral concentration. p. 83.
- Zaitsev, S. P. - Meeting of the scientific council on physical and chemical problems in mineral concentration and the Kola Branch of the USSR Academy of Sciences. p. 86.
- Den'ko, A. S. - Application of physical chemistry in processes of sulfatizing roasting of metal sulfides. p. 87.
- UGOL' UKRAINY [COAL OF THE UKRAINE]** - Issued by Gosudarstvennyi komitet Soveta Ministrov USSR po koo'dinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research]. Kiev, vol. 8, no. 10, Oct. 1965.
- Table of contents translated
- Morozov, M. V., Sokolov, A. I. - Expanding the use of plows for coal mining in the Antratsit Trust mines. p. 1.
- Lofen, V. A. - Coal as the basic raw material for the by-product coke industry in the Ukraine. p. 6.
- Zhorshchik, M. P., and others. - Mining ore bodies overlying inclined hard headings and lateral workings. p. 9.
- Oreshkin, V. L. - Protection of development workings in the mines of the Lvov-Volyn' Basin. p. 12.
- Tarasenko, A. E. - Selecting efficient parameters of the shield unit in coal mining with conveyor-plows. p. 16.
- Aksenov, B. E., and others. - Improving the boring equipment, and experience in coal mining by blasting long boreholes with water stemming. p. 18.

- Liaschenko, V. N., Zubenko, V. E., Umanski, A. M. - Economic efficiency of mechanizing minor operations in coal mines. p. 20.
- Panchenko, A. P., Potekhin, N. V., Vais, L. M. - Greater durability for high-speed plows. p. 23.
- Turkin, R. A. - Analyzing the current technology for the erection of permanent supports in vertical shafts. p. 24.
- Tuashin, I. U. S., Strukovskii, I. S. - An economic experiment at the No. 9 "Volkonostovskaya" mine. p. 27.
- Konovalev, I. I. - Efficiency of the longwall method of mining on the strike in the Butovskii seam. p. 30.
- Izushin, V. F. - Give a maximum work load to mechanized longwalls. p. 31.
- Smaga, P. I., Maslov, P. I. A. - Use of temporary anchor bolting. p. 34.
- Bykovskiy, A. P. - Operation of UKR-1 and RT cutter-loaders in inclined seams. p. 35.
- Sepeda, A. A. - Operation of the "Kiroveta" and LGD-2 cutter-loaders in hard coal seams with considerable inclusions of pyrite. p. 37.
- Bashilev, T. D., Smoldyrev, A. F. - Technological parameters for the hydraulic transportation of rock in Donetsk Basin coal mines. p. 38.
- Degtiarcenko, V. N. - Design of loading stations for coal loading without hoppers. p. 39.
- Bogdanuk, V. E., Fedorenko, I. U. P. - Efficient fields of applying various types of transportation in open pit mines. p. 41.
- Veklov, B. A., Voevodin, I. U. M. - Testing a system for automatically regulating the load on cutting machines. p. 43.
- Abramov, F. A., and others. - Making an isolated scaled-off slope for an increased work load. p. 44.
- Cheboikov, I. P. - Auger borehole drilling in steeply pitched seams subject to outcrop. p. 46.
- Barnaul, M. I., Bl'kh, L. L., Golov, N. N. - Prospects for manless coal mining by means of machine units. p. 48.
- Khalugol, G. V. - Roof control in steeply pitched seams. p. 49.
- Rusakov, N. G. - There are no specific problems of roof control in manless coal mining. p. 50.
- Velikala, T. G., Verbovina, V. V., Sukal'skaya, B. N. - Mobile air conditioners and turbo-compressed-gas motors. p. 51.
- Dudko, V. A. - Mining the very thin and thin flat coal seams with cutter-loaders in Czechoslovakia. p. 52.
- Demidov, P. A. - Use of mathematical methods and electronic computers in coal mining. p. 53.
- N. A. Zaitsev, an obituary. p. 54.
- Coal industry of the Ukraine in the first half of 1965. p. 55.
- *ZAVODSKAYA LABORATORIYA [THE FACTORY LABORATORY]** - Organ of Gosudarstvennyi komitet po khimii i tsvetnoi metallurgii pri Gosplane SSSR and Gosudarstvennyi komitet po koo'dinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.], and the State Committee for the Coordination of Research in the U.S.S.R. | Moscow, vol. 31, no. 9, 1965.
- Table of contents translated
- Zhivotovskiy, V. P. - Use of diantipyrimethane in analytical chemistry (survey). p. 1043.
- Zhukhovskii, A. A., and others. - Development of chromatography without a gas carrier. p. 1048.
- Mokeyva, R. N., Tsarlin, I. A. A. - Gas chromatographic determination of acetaldehyde and propylene oxide impurities in ethylene oxide. p. 1053.
- Maliutina, T. M., Tramm, R. S., Pevzner, K. S. - Differential spectrophotometric determination of titanium with diantipyrimethane. p. 1054.
- Sochovanova, M. M., Sochevanov, V. G. - Theory for the use of complexes in the analysis of polymetallic systems. p. 1058.
- Ashbel', F. B., and others. - Express analysis of organometallic compounds based on reflected β -radiation. p. 1062.
- Lazarev, A. I., Lazareva, V. I., Reguzova, Z. V. - Method of differential spectrophotometry based on the measurement of photoelectric current by means of photoelectrocolorimeters. p. 1064.
- Lutala, M. F., Akulina, Z. S. - Chemical phase analysis of scandium borides. p. 1066.
- Timoshenko, N. N., Izmanova, T. A., Chistinkova, E. M. - Automatic determination of gases in steel by means of the exhalograph EA-1. p. 1068.
- Lebedev, O. P., Frantsuzova, T. A., Kudelin, V. N. - Determination of magnetic iron in chem. p. 1069.
- Sukhorukov, O. A., Ivanova, M. T. - Use of a flame-ionization detector for determining carbon in metals. p. 1070.
- Vasilenko, V. T. - Determination of copper in ferrites. p. 1070.
- Dubaknev, Sh. I., Blokhin, M. A. - Degeneracy reading in X-ray spectral analysis by means of the addition of diluents or the element being analyzed. p. 1072.

- Pavlovskii, G. V., Iosov, N. F., Makov, V. M. - Effect of the spectral composition of primary radiation on the accuracy of the calibration method in X-ray fluorescence analysis. p. 1077.
- Pivovarov, A. V. - Method of external standard in X-ray spectral analysis based on the secondary spectra with the absorption characteristics of samples taken into account. p. 1081.
- Kuznetsov, I. U. N., Chabovskii, L. P. - Automated method of express determination of mercury in powdered samples. p. 1085.
- Sambueva, A. S., Shpitseva, S. A. - Fluorination reactions used for the increase of spectral analysis sensitivity. p. 1087.
- Ustimov, A. M., Chalkov, N. I. A., Iakovleva, A. V. - Determination of sodium in lead of higher purity. p. 1090.
- Bokova, V. I., Gorina, G. V. - Spectral analysis of niobium chloride and technical niobium hydroxide by the condensed spark method. p. 1090.
- Fratkin, Z. G., Moshkovich, G. N., Filippova, Zh. A. - Determination of sodium and potassium in titanium dioxide by flame photometry. p. 1090.
- Romanets, R. G., and others. - Crystals for investigating the electric, photoelectric, and optical properties of liquids. p. 1091.
- Igiltsev, M. I., and others. - One-probe method for measuring the specific resistance of semiconductors carrying a-c current. p. 1092.
- Berkova, A. V., Mil'vidskii, M. G., Ovsenskii, V. B. - Exposure of inhomogeneities in the distribution of impurities in gallium arsenide crystals. p. 1095.
- Porlov, B. I. - Quantitative determination of the degree of interaction between liquid-phase oxidizing agents and anticorrosive synthetic materials. p. 1096.
- Measuring the permeability of ferromagnetic powders. p. 1100.
- Andronov, V. N., Syrovatskii, E. F., Chetkin, B. V. - Rapid analysis of iron-containing components of partially reducible pellets of Krivoy-Rog ores. p. 1102.
- Korshakova, N. G., Kuntin, L. L. - High-temperature method for measuring the oxygen activity in oxide systems. p. 1104.
- Priozhikova, V. P., Litvinova, T. I., Chernavskaya, S. G. - Improvement of the local method of separation of nonmetallic inclusions. p. 1106.
- Iellakov, I. U. I., Zvezdin, I. U. I. - Mass-spectroscopic method for studying the hydrogen permeability of refractory materials. p. 1107.
- Mikhelson, M. L., Karlikov, D. N., Alferov, V. F. - The "three-thermometer" method for measuring the supersaturation of steam in a flow. p. 1109.
- Taran, I. U. N., Novik, V. I. - Exposure of the granular structure of cementite in white cast iron. p. 1110.
- Taran, I. U. N., Snagovskii, V. M., Lev, I. E. - Microscopic division of the carbide phases in Fe - C - Cr alloys. p. 1111.
- Kazakov, P. P., Radlov, S. V. - Method for determining susceptible beads in metallurgical slags. p. 1112.
- Kozlov, S. T., Tantsyrev, G. D., Tsh'roze, V. L. - Catalytic disintegration of certain oxygen-containing organic compounds on stainless steel. p. 1113.
- Evshev, P. P. - Measuring the surface tension in slags at 1400°-1800° C. p. 1114.
- Dolgoplov, N. N., Simonian, S. G. - Measuring the surface temperature of materials in high-frequency and acoustical drying. p. 1114.
- Dogdyl', P. T., Larionov, V. V., Prigorovskii, N. I. - Method for studying elastoplastic deformations of materials under repeatedly varying loads. p. 1116.
- Korinev, A. V., and others. - Photoelectronic method for determining the stressed state of models using the photoelasticity technique under both dynamic and static conditions. p. 1118.
- Gur'ev, A. V., Kuksa, L. V. - Method for studying the propagation of plastic deformation from the lines of shear inside the grains. p. 1122.
- Kharitonov, L. G. - Criterion of the nonuniformity of tensile strain. p. 1123.
- Kofman, A. P., Pashkov, P. O. - Uniform deformation in bimetals. p. 1125.
- Kolesnikov, N. P. - Method for determining the uniform elongation of sheet metal. p. 1127.
- Lomayev, G. Z. - Effect of the rigidity of universal testing machines on the rate of deformation of metal specimens. p. 1130.
- Karasev, N. A., Morozov, V. I., Varchak, N. M. - Determination of residual stresses with recalculation of the tensiometer readings by an electronic computer. p. 1133.
- Prishchepchenko, L. A., Danilov, N. S. - Apparatus for creep testing of metals in a complex stressed state. p. 1136.
- Balakhontsev, I. A. I., Paramzin, I. U. P. - Rotary machine for high-speed disruption of specimens. p. 1138.
- Chernykh, O. G. - Improved apparatus for studying the resistance of alloys against abrasion at high temperatures. p. 1140.

- Ustator, N. I., Timoshuk, I. T. - Electric furnace for torsion tests for metals at high temperatures in a protective medium. p. 1141
- Urech, R. P., Filippov, I. P. - Apparatus for measuring the thermal diffusivity in solid and liquid metals. p. 1142
- Vorbitskii, V. A., Ganf, A. I., Sazonov, A. M. - A highly stable thermocouple. p. 1145
- Kolenko, E. A. - Thermoelectric condensing hygrometer. p. 1146
- Semenov, A. P., Pozdnalov, V. V. - Apparatus for studying friction and adhesion interaction of refractory materials. p. 1147
- Mikhailov, A. M. - Automated recording of X-ray lines with a URS-50 I apparatus. p. 1149
- Papchenko, V. I., Fedosov, N. M., Potapov, V. I. - Attachments for the URS-50 I X-ray apparatus for texture studies. p. 1150
- Bystrikov, A. S. - Heating attachment for the URS-50 I diffractometer. p. 1151
- Zalbin, V. - Improvement of the measuring circuit of the EPPV-60 automatic compensator. p. 1151
- Kolevov, S. N. - Electrode system for the electric breakdown of thin dielectric specimens. p. 1152
- Kondrashov, D. L., Kamkin, N. I. - Reference electrode for measuring the contact potential difference by the vibrating capacitor method. p. 1152
- German, V. S. - Team for studying the experience gained in the organization and work of central factory laboratories. p. 1154
- Chichkanov, A. I. - Work of the Central Laboratory of the Gorkii Metallurgical Plant. p. 1155
- Conference on Analytical Chemistry and Applied Spectroscopy held at Pittsburgh. p. 1157
- IUUI Abetvich Chernikhov, obituary. p. 1160

17. MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

- KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 46, no. 12, June 1965.
- Table of contents translated:
- Maknitskii, R. - Moral and psychological training of soldiers under modern conditions. p. 3
- Sidelskii, R. - Development of V. I. Lenin's idea of armed battle of the proletariat in the first Russian revolution. p. 14
- Ivanov, V. - Learn at sea with full exertion of forces. p. 24
- Leont'ev, N. - Creativity and formalism in party work. p. 30
- Kozun, A. - On the ground and in the air. p. 38
- Sel'istov, V. - Vain attempts of the falsifiers of history. p. 43
- Borisov, A. - On the forward edge of the fight for a system of economy. p. 50
- Sablutov, A. - Brothers by common battle. p. 56
- Belomestnov, E. - A communist cannot be indifferent. p. 63
- Sintsa, G. - A veteran remains in the ranks. p. 66
- Kravchenko, V. - Propaganda of legal knowledge. p. 69
- Grebennuk, V. - Don't get away from the main thing. p. 70
- Marxism-Leninism, the international doctrine of communists of all countries. p. 76
- Koshelev, V., Nazarov, M. - A lecture group at work. p. 82
- Schools of communist labor. p. 84
- How is a Communist Youth League record kept? p. 86
- Zimenko, M. - Personally responsible. p. 90

SOVETSKII VOIN [SOVIET SOLDIER]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 46, no. 17(1013), Aug 1964

- Table of contents translated
- The party consults the people. p. 1
- Shilin, N. - Beautiful handwriting. p. 2
- Victory bringing the sun back. p. 4
- Eremenko, A. I. - Storm of the Lubana marshes. p. 4
- Burov, D. - A meeting with youth. p. 8
- Odnokov, V. - On the great road. p. 9
- Shagalov, A. - Lenin listens to the "Appassionata." p. 9
- Bystrov, A. - We remember bygone campaigns. p. 9
- Fedotov, V. - Only one night. p. 10
- Ivanov, M. - Sisters. p. 14
- Mikhailov, V. - How was the audibility? p. 14
- Mikhailov, P. - There's a clerk for you! p. 14
- Anchanskaya, N. - Mothers of courageous heroines. p. 15
- Zakhariev, Zakhari. - Glorious twentieth anniversary. p. 16
- Kurzenkov, Sergei. - Exploit unknown men. p. 10

- Rozaldum, IUUI - Expresses of the thoughts of the people. p. 25
- Shchegolev, Aleksandr. - At a halt. p. 26
- Burzhakov, I. - Masters of joy. p. 29
- TSarev, I. - Visit of friendship. p. 30
- Plotnikov, A. - No shot followed. p. 34
- Izrael, L. I. - On the eve of the holiday. p. 36
- Milin, V. - Bedstop in Moscow. p. 38
- Rugel, A. R. - Magic crystals. p. 39
- Ozina, N. - There's a good camp. p. 10
- Olympic kaleidoscope. p. 12
- Maksimov, V. - Popular, but why not for mass participation. p. 12
- Picket to Tokyo. p. 13

STARSHINA - SERZHANT [NONCOMMISSIONED OFFICERS]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U S S R]. Moscow, no. 11 (63), Nov 1965

VESTNIK Pervopokhodnika [HERALD OF THE FIRST CAMPAIGN VETERANS]. Issued by Pravleniye Kaliforniiskogo obshchestva uchastnikov 1-go Kubanskogo penatsialnogo kampa [Administration of the California Association of Veterans of General Kaulov's First Cuban Campaign]. Los Angeles, no. 50, Nov 1965

VOENNYI ZNANIYA [MILITARY KNOWLEDGE]. Organ of Vsesoyuznoe dobrovol'noe obshchestvo sodeystviya armii, aviatsei i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 11, no. 9, Sep 1965

- Table of contents translated:
- Sivitsov, A. - At the finish of the Spartakiada. p. 1
- Kolushkin, A. - Trip of unparalleled difficulty. p. 3
- Kutkov, M. - Seven memorable hours. p. 5
- Klimovich, S. - Training is primary. p. 6
- Sagaldak, P. - Only one entry. p. 8
- Grekhev, P. - In frontline Tula. p. 10
- Noskov, I. - Seeing, but unseen. p. 12
- Klyuchevskii, K. - A third of a century on watch. p. 14
- Generalize, disseminate. p. 16
- Kozachok, IA. - A plan is a beginning for a matter. p. 17
- Ar'ev, T. - Burns and their treatment. p. 18
- Vovk, N. - Once more about competitions. p. 18
- Graipeli, S., Iakovenko, IU. - Practice shows. p. 20
- Kolesnikov, N., Valiev, R. - The training place, a collective farm. p. 22
- Zakharov, V. - By the target, place, and time. p. 24
- Reborski, V. - Both methodology and habits. p. 24
- Filling the readers' orders. p. 27
- Sitlov, D. - Military glory calls. p. 28
- Filimonov, I. - Special attention to rural collectives. p. 29
- Bai zakh, E. - It is imprinted in their hearts. p. 30
- Alemtkov, V. - Strengthening the material basis. p. 32
- Baginskiy, IU. - Weapons of underwater attack. p. 37
- IUvenal'ev, I. - Through the snow. p. 35
- Shatov, P. - Purposefulness. p. 37
- Alekseev, B. - There should be more of such "nepotism." p. 38
- Maksimov, A. - Devices control the lifeline. p. 38
- Vinogradov, L. - The staff? Hundreds of public workers. p. 40
- Khai bian, S. - Thank you, lifesavers. p. 40
- Tseloval'nikov, A. - Model of a submarine. p. 42
- Kuuz, A. - Mass participation for sports competitions! p. 44
- Paderin, Ivan. - Man from a legend. p. 45

Vol. 41, no. 10, Oct. 1965.

- Table of contents translated
- Stegantsev, M. - Prepare youth for heroic deeds. p. 1
- Isakov, G. - It is the duty of the leader of an exercise. p. 3
- Davydov, IA. - In the city of Izum, on Vysokaya Street. p. 5
- Shchedin, G. - Performance glorifies the sailor. p. 6
- Belov, N. - Master of technical means. p. 8
- Sergeev, I. - Study communism. p. 9
- Bukanov, Aleksei. - My friend's order. p. 10
- Sakharov, A. - He never had the time. p. 11
- Kotlukov, K. - On the alarm signal. p. 12
- Borchenko, N. - With a carbine and a trowel. p. 14
- Goncharov, I. - "Entering the ranks of the Armed Forces. . . ." p. 14
- Zhmurov, V. - Vocation and years. p. 16
- Vaitelov, V. - Training exercises even on trips. p. 18
- Odnokov, V. - We succeeded, but not in everything. p. 19
- Golubev, V., Borodai, K. - For temporary accommodation. p. 20
- Foil, Pal. - Active, recognized by the people. p. 22
- Markova, O. - In conclusions and facts. p. 24
- Sakharov, I. - Conversation about chemistry. p. 26
- Lebedev, M. - Aid on the spot. p. 30
- Mironov, P. - Without activists. p. 31

- Solov'ev, A. - So it is established in the Southern District. p. 32
- Koyanov, IV. - Young friends of soldiers. p. 34
- Pichkov, P. - A social worker came to the school. p. 34
- Sukhanov, B. - The ship and radioactivity. p. 35
- Nadim, V. - Small arms do not grow old. p. 36
- Kosychev, I. - Along the bottom. . . . p. 36
- Chal'skii, V. - A section picks up speed. p. 39
- Danilov, A. - Misfires. How can they be prevented? p. 42
- Tull, A. - Mystery is growing. p. 44
- Bal'man, Gal'ina. - "Skut" scratches the deep. p. 44
- Babak, P. - And a sailor heads the committee. . . . p. 45
- Bellakov, N., Kuuz, A. - Sports competitions, results and conclusions. p. 46
- Lebedev, A. - New sails for sports competition. p. 47

VOENNYI VESTNIK [MILITARY REVIEW]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U S S R]. Moscow, vol. 45, no. 11, Nov 1965

b. NAVAL SCIENCE

LENINGRAD, INSTITUT VODNOGO TRANSPORTA. Trudy [INSTITUTE OF WATER TRANSPORTATION. Transactions]. No. 64, 1961. Automation in water transportation.

- Table of contents translated:
- Petrov, IU. P. - Optimal rules for the regulation of the power plant during variable resistance of water to the movement of the ship. p. 5
- Svetlikov, IU. A. - Formulation and first stage of solving the problem of mass service of transport vessels by travelling repair bridges. p. 11
- Vlasovets, A. M. - Study and control of waves in navigable canals by the use of analog computers. p. 23
- Vlasovets, A. M., Raev, N. A. - Results of testing devices for the control of fluctuations caused by waves in the canal section between the Kuybyshev locks. p. 37
- Petrov, IU. P. - Method of finding extremum of a particular type of functional. p. 46
- Ivanitshev, V. M., Semenov, L. A. - Synthesis of a logical control system for the operation of lock gates. p. 50
- No. 63, 1964. Economics and organization of shipping. Table of contents translated:
- Ilyeva, A. M. - Methodological directions generate the operational and economic basis of prompt vessel types for river transportation. p. 5
- Belousov, V. V., and others. - Operational and economic basis of vessel types for local cargo shipments in the steamship companies of the north-eastern basin. p. 16
- Ilyeva, A. M., Alakhi, P. M., Bulov, A. A. - Economic basis of prospective types of cargo carrying vessels for the Northern Steamship Company. p. 20
- Malyi, P. A., Rybal'skaya, M. M. - Basis for the structural and constructional type of specialized vessels for livestock transportation. p. 36
- Murayev, A. I. - Basis for the specific cargo carrying capacity and analysis of the use of mass production cargo motor ships. p. 40
- Kazantsev, A. M. - Norm system for loading and unloading operations. p. 67

No. 60, 1964. Living quarters and work safety on vessels of the river fleet.

- Table of contents translated:
- Seliverstov, V. M., Zhitluk, R. S. - Air-conditioning system for "Tsimlyanskaya" type tankers. p. 7
- Darats, V. A. - Excessive heat emission and the ventilation of the refrigerator rooms on fishing boats. p. 12
- Nestorov, IU. F. - Determining the coefficient of heat transmission for insulated corrugated containers without crossing the corrugations. p. 16
- Seliverstov, V. M., Mirkhin, V. B. - Use of a binary mixture of freon 22 and freon 142 in refrigerating units. p. 22
- Volkov, D. M., Solov'ev, N. F. - Shock absorption in DG-25 diesel generators. p. 32
- Dvynov, S. A. - Vibration insulating effect of the compensators of gas exhaust pipes of internal combustion engines. p. 38
- Prikot, S. IA. - Safe arrangement of equipment on vessels sailing inland waterways. p. 45

No. 70, 1964. Marine internal combustion engines.

- Table of contents translated:
- Khandov, Z. A., Abramovich, V. A. - Increasing the power and improving the economic characteristics of diesels through evaporative cooling by water injection. p. 5

- Abramovich, V. A. - Effect of the temperature of the incoming air on the supercharger parameters of the diesel. p. 17.
- Sokolov, V. M. - Effect of the expansion of the air charge in the reduction valve on the thermal efficiency of the diesel. p. 22.
- Sokolov, N. P. - Analyzing the results of testing oils with new additives for the 2Ch10, 5/13 engines. p. 29.
- Golubkov, N. L., Krudin, A. V. - Studying the possibility of electrolytic boronization to increase the wear resistance of cylinder bushings in marine diesels. p. 35.
- Karev, A. D. - Similarity of the theoretical cycles of internal combustion engines. p. 41.
- No. 71, 1964. Electric equipment.
Table of contents translated:
Vikhuk, K. T. - Standardizing the control systems of portal and floating cranes. p. 5.
Agapovskii, I. V. - Ensuring optimal working conditions for the electric drives of bucket crane winches during scooping. p. 9.
Pain, B. S. - Using the correlation method of mathematical statistics in calculating and predicting the electric power loads of river ports. p. 19.
Seleznev, S. V. - Use of a.c. electric power systems of increased parameters on prospective ship types. p. 31.
Semenova, N. A. - Stabilizing the voltage frequency of shaft-driven generators on river vessels. p. 39.
Oronikhin, K. P. - Principles underlying the design of a new infrared apparatus for rivercraft. p. 47.
Frisler, V. A. - Semiconductors for thermoelectric generators. p. 54.

- No. 72, 1964. Marine power plants.
Table of contents translated:
Urtang, F. D. - Outlook for the use of locomotive diesels on river vessels. p. 5.
Gentil, A. B., Gendel', S. G. - Chutes for the connection of separators to the lubricating system of marine power plants. p. 18.
Tuv, I. A., Kalinin, I. V. - Device for decolling sump waters. p. 22.
Vasil'ev, B. V. - Results of comparative operational tests of the 3D6 engines with the anticavitation reagent "emulsoid ES." p. 30.
Lienburg, S. G. - Studying the starting process of internal combustion engines. p. 34.
Pruss, V. B. - Possibilities of improving the economic characteristics and reducing the wear of marine diesels under conditions of fractional operation regimes. p. 45.
Aleksandrov, A. V. - Propeller characteristics of hydrofoil boats. p. 53.

- No. 75, 1964. Ship auxiliary mechanisms and systems.
Table of contents translated:
Bocharov, V. A. - Meridional movement of fluid in hydraulic torque converters. p. 5.
Solov'ev, V. M. - Thermodynamic properties of a dibutyl phthalate solution of freon 22. p. 15.
Nesterov, I. V. - Determining the equivalent heat conduction coefficient of insulating and adhesive materials in calculating ship insulation. p. 23.
Zamoruev, V. M., Kullkov, V. A. - Use of boronized bucket chain pegs on a dredge. p. 29.
Kononov, P. P. - Variable-speed diagram of a multiple-bucket dredge. p. 33.

- Shilayev, P. N. - Methods and norms for calculating the strength of marine steam pipes. p. 39.
Seliverstov, V. M., Sergiyevskaya, M. P. - Physical characteristics of the dibutyl ester of phthalic acid. p. 47.

- No. 80, 1965. Welding in ship repairing and building.
Table of contents translated:
Ievlev, P. M. - Welding of the AL6 alloy. p. 5.
Kotler, A. I. - Reconditioning cylindrical steel parts by thin-layer build-up welding. p. 12.
Demus, F. F. - Reconditioning worn-out pistons made of aluminum alloys by argon-arc build-up welding. p. 17.
Gatovskii, K. M., Chernoglaz, F. A. - Deformation determination in the welding of unlike metals. p. 27.
Orlov, A. A. - Deformation of the cross section of thin-walled steel cylinders during longitudinal hard facing. p. 37.
Frumin, S. R. - Alloying ceramic fluxes for wear-resistant hard facing. p. 47.
Kopelman, I. N. - Study of temperature fields and selection of the regimes of arc welding with a ribbon electrode. p. 54.

REFERATIVNYI ZHURNAL. VODNYI TRANSPORT
[JOURNAL OF ABSTRACTS. WATER TRANSPORTATION] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.] Moscow, no. 10, Oct. 1965 [This journal is also issued in parts.]

PART C

List of Periodicals Indexed and Abbreviations Used

† Titles listed for the first time

| | | | |
|---|--|---|---|
| Agitiator (6) | Agitiator [Agitator] | Bul. Min. vys. sred. spets. obr. SSSR (8a) | Russia (1923- U.S.S.R.) Ministerstvo vsshogo i srednego spetsial'nogo obrazovaniia [Ministry of Higher and Secondary Specialized Education] [Bulletin] |
| Agrokhimia (15a) | Agrokhimia [Agrochemistry] | Bul. stroit. tekhn. (16d) | Biulleten' stroitel'noi tekhniki [Bulletin of Construction Engineering] |
| Artimometr. ezhe m. (13f) | Artimetricheskii ezhe mesiachnik [Artimetric Monthly] | Bul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. (16a) | Moscow Gosudarstvennyi nauchno-issledovatel'skii institut nauchnoi i tekhnicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii [State Scientific Research Institute for Scientific and Technical Information. Bulletin of Technical and Economic Information] |
| Atush i gin (14b) | Atusherstvo i ginekologiya [Obstetrics and Gynecology] | Bul. Verkh. Suda SSSR (7) | Russia (1917- R. S. F. S. R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin] |
| Alg. i log. (13e) | Akademiia nauk SSSR. Sibirskoe otdeleniye. Seminar algebry i logiki. Algebra i logika [Academy of Sciences of the U.S.S.R. Siberian Department. Seminar of Algebra and Logic. Algebra and Logic] | Bot. zhur. (13c) | Botanicheskii zhurnal [Botanical Journal] |
| Antibiotiki (14f) | Antibiotiki [Antibiotics] | Brat. vest. (3b) | Bratskii vestnik [Herald of Brotherhood] |
| Apil. delo (14f) | Apteknoe delo [Pharmacy] | Bukh. uch. (5a) | Bukhgalterskii uch. [Accounting] |
| Arkh. anat. i embri. (13c) | Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology] | Bum. i der. prom. (16f) | Bumazhnai i derevoobrabatывaushchaya promyshlennost' [Paper and Woodworking Industry] |
| Arkh. pat. (14e) | Arkhiv patologii [Archives of Pathology] | Bum. prom. (16f) | Bumazhnaya promyshlennost' [Paper Industry] |
| Ast. ofizika (13b) | Astrofizika [Astrophysics] | Buren. (16h) | Buren. [Drilling] |
| Astron. tsir. (13b) | Astronomicheskii tsirkul'lar [Astronomical Circular] | Der. prom. (16f) | Derevoobrabatывaushchaya promyshlennost' [Woodworking Industry] |
| Astr. zh. (13b) | Astronomicheskii zhurnal [Journal of Astronomy] | Dif. urav. (13e) | Differentsial'nye uravneniia [Differential Equations] |
| Atom. tekhn. za rub. (16e) | Atomnaya tekhnika za rubezhom [Nuclear Engineering Abroad] | Dokl. AN BSSR (13a) | Akademiia nauk BSSR. Doklady [Academy of Sciences of the White Russian S.S.R. Reports] |
| Av. i kosm. (16b) | Aviatsiia i kosmonavtika [Aviation and Astronautics] | Dokl. AN SSSR (13a) | Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports] |
| Avt. dor. (16d) | Avtomobil'nye dorogi [Highways] | Dokl. Akad. sei. - khoz. nauk (15a) | Vsesoiuznaia akademiia nauchnykh i inzhenernykh nauk im. I. V. Lenina. Doklady [All-Union Lenin Academy of Agricultural Sciences. Reports] |
| Avt. prom. (16g) | Avtomobil'naya promyshlennost' [Automobile Industry] | Dokl. Inst. geog. Sib. i Dal'. Vost. (12b) | Akademiia nauk SSSR. Sibirskoe otdeleniye. Institut geografii Sibiri i Dal'nego Vostoka. Doklady [Academy of Sciences of the U.S.S.R. Siberian Department. Institute of the Geography of Siberia and the Far East. Reports] |
| Avt. transp. (16g) | Avtomobil'nyi transport [Automotive Transportation] | Dushk. vosp. (8a) | Dushk. vosp. [Practical Education] |
| Avtom. i telem. (16e) | Avtomatika i telemekhanika [Automatic and Remote Control] | Ekon. i mat. metod. (5b) | Ekonomika i matematicheskie metody [Economics and Mathematical Methods] |
| Avtomatika (16e) | Avtomatika [Automatic Control] | Ekon. i zhizn. (5b) | Ekonomika i zhizn. [Economics and Life] |
| Az. i Afr. seg. (1b) | Azija i Afrika segodnia [Asia and Africa Today] | Ekon. Rad. Ukr. (5b) | Ekonomika Radians'kol Ukrainy [Economics of the Soviet Ukraine] |
| Azerb. neft. khoz. (16h) | Azerbaidzhanskoe neftnoe khoz. [Azerbaijan Petroleum Industry] | Ekon. stroit. (5b) | Ekonomika stroitel'stva [Economics of Construction] |
| BIKI. [Prilozh.] (5a) | Biulleten' inostrannoi kommercheskoi informatsii, prilozhenie [Bulletin of Foreign Commercial Information, Supplement] | Elek. i topl. tsiaga (16g) | Elektricheskai i topl. tsiaga [Electric and Diesel Locomotive Traction] |
| Bel. i zhele. bel. (16d) | Belon i zhelezobeton [Concrete and Reinforced Concrete] | Elek. sta. (16e) | Elektricheskie stantsii [Electric Power Stations] |
| Bezop. truda v prom. (16a) | Bezopasnost' truda v promyshlennosti [Industrial Safety] | Elektro-khimia (13d) | Elektrokhimiia [Electrochemistry] |
| Bibl. po ist. Kazakh. (4a) | Alma-Ata Universitet. Kafedra istorii. Bibliografiia po istorii Kazakhstana [University Department of History. Bibliography of the History of Kazakhstan] | Elektron. bol'sh. mosch. (16e) | Elektronika bol'shikh moschnostei [High-Power Electronics] |
| Bibliotekar' (2b) | Bibliotekar' [The Librarian] | Elektrotekhnika (16e) | Elektrotekhnika [Electrical Engineering] |
| Biofizika (13c) | Biofizika [Biophysics] | Energetik (16e) | Energetika [Electric Power Technician] |
| Biokhimia (13c) | Biokhimia [Biochemistry] | Energokhoz. za rub. (16e) | Energokhoz. za rubezhom; prilozhenie k zhurnalu "Elektricheskie stantsii" [Electric Power Production and Utilization in Foreign Countries, Supplement to the Periodical "Electric Power Stations"] |
| Biol. res. vod. Mold. (13c) | Biologicheskie resursy vodnykh Moldavii [Biological Resources of the Bodies of Water of Moldavia] | Energomashino-stroenie (16g) | Energomashino-stroenie [Power Machinery Construction] |
| Bul. Abast. astrofiz. obser. (13b) | Abastumani. Astrofizicheskaiia observatoriia. Biulleten' [Astrophysical Observatory. Bulletin] | Ezhegodn. knigi SSSR (2a) | Ezhegodnik knigi SSSR; statisticheskii ukazatel' [Annual of Soviet Books; Classified Index] |
| Bul. eksp. biol. i med. (14a) | Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine] | | |
| Bul. izobr. i tov. znak. (16a) | Biulleten' izobretenii i tsvarnykh znakov [Bulletin on Inventions and Trademarks] | | |
| Bul. MOIP. Otd. biol. (13c) | Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel biologicheskii [Moscow Naturalists' Society. Bulletin. Biological Section] | | |
| Bul. mezhdu-nar. nauch. s'ezd., konf. i kongr. (1a) | Biulleten' mezhduнародnykh nauchnykh s'ezdov, konferentsii i kongressov [Bulletin of International Scientific Meetings, Conferences, and Congresses] | | |

| | | | |
|---|---|--|--|
| Farmatshev, zhur
(14f) | Farmatsyevychnyi zhurnal [Pharmaceutical Journal] | Izv. AN SSSR, Ser.
11.1 iaz. (11b) | Akademii nauk SSSR. Izvestia, Seriya literatury i yazyka
[Academy of Sciences of the U.S.S.R. Bulletin, Series
in Literature and Language] |
| Fin. SSSR
(5c) | Finansy SSSR [Finance of the U.S.S.R.] | Izv. AN SSSR
Ser. mat. (13c) | Akademii nauk SSSR. Izvestia, Seriya matematicheskaya
[Academy of Sciences of the U.S.S.R. Bulletin, Mathe-
matical Series] |
| Fiz. tekhn.
pob. razrab.
pol. iskop.
(16h) | Fiziko-tekhnicheskie problemy razrabotki poleznykh
iskopaemykh [Physical and Technological Problems
of the Mining of Minerals] | Izv. AN Uz. SSR.
Ser. (tekhn. nauk
(16a) | Akademii nauk Uzbekskoi SSR, Tashkent. Izvestia
Seriya tekhnicheskikh nauk [Academy of Sciences of the
Uzbek S.S.R. Bulletin, Series in the Technical Sciences] |
| Fiz. tver. tela
(13f) | Fizika tverdogo tela [Solid State Physics] | Izv. GosNIORKE
(16b) | Leningrad. Gosudarstvennyi nauchno-issledovatel'skiy
institut ozernogo i rechnogo rybnogo khoz. khoz. khoz.
Izvestia [State Scientific Research Institute of Lake
and River Fisheries, Bulletin] |
| Fiziol. rast.
(13c) | Fiziologiya rastenii [Physiology of Plants] | Izv. TINRO (15b) | Vladivostok. Tikhookeanskii nauchno-issledovatel'skiy
institut rybnogo khoz. khoz. i okeanografi. Izvestia
[Pacific Ocean Scientific Research Institute of Fisheries
and Oceanography, Bulletin] |
| Fiziol. zhur.
(13e) | Fiziologicheskii zhurnal SSSR [Physiological Journal of the
U.S.S.R.] | Izv. VNIIG (16d) | Leningrad. Vsesoyuznyi nauchno-issledovatel'skiy institut
gidrotekhniki. Izvestia [All-Union Scientific Research
Institute of Hydraulic Engineering, Bulletin] |
| Fiziol. zhur.
(Ukr.) (13e) | Fiziologichnyi zhurnal [Physiological Journal] | Izv. vys. ucheb.
zav., elektro-
mekh. (16e) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego
spetsial'nogo obrazovaniya. Izvestia vysshikh uchebnykh
zavedenii, elektromekhanika [Ministry of Higher and
Secondary Specialized Education, Bulletin of the Insti-
tutions of Higher Learning, Electrical Machinery and
Apparatus] |
| Gaz. delo (16h) | Gazovoe delo [Gas Industry] | Izv. vys. ucheb.
zav.; energ.
(16e) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i
srednego spetsial'nogo obrazovaniya. Izvestia vysshikh
uchebnykh zavedenii, energetika [Ministry of Higher and
Secondary Specialized Education, Bulletin of the Insti-
tutions of Higher Learning, Power Engineering] |
| Gemat. i peref.
krovi (14e) | Gematologiya i pereklivanie krovi [Hematology and Blood
Transfusion] | Izv. vys. ucheb.
zav.; geod. i
aeroif. (13b) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego
spetsial'nogo obrazovaniya. Izvestia vysshikh uchebnykh
zavedenii, geodeziya i aerofotografiya [Ministry of
Higher and Secondary Specialized Education, Bulletin of
the Institutions of Higher Learning, Geodesy and Aerial
Photography] |
| Genetika
(13c) | Genetika [Genetics] | Izv. vys. ucheb.
zav.; geol. i
razv. (16h) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i
srednego spetsial'nogo obrazovaniya. Izvestia vysshikh
uchebnykh zavedenii, geologiya i razvedka [Ministry of
Higher and Secondary Specialized Education, Bulletin of
the Institutions of Higher Learning, Geology and
Prospecting] |
| Gidr. i mel.
(15a) | Gidrotekhnika i melioratsiya [Hydraulic Engineering and
Reclamation] | Izv. vys. ucheb.
zav.; khim. i
khim. tekhn.
(13d) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i sred-
nego spetsial'nogo obrazovaniya. Izvestia vysshikh
uchebnykh zavedenii, khimiya i khimicheskaya tekhnologiya
[Ministry of Higher and Secondary Specialized Educa-
tion, Bulletin of the Institutions of Higher Learning,
Chemistry and Chemical Technology] |
| Gidr. stroi
(16d) | Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Con-
struction] | Izv. vys. ucheb.
zav.; mashino-
str. (16g) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego
spetsial'nogo obrazovaniya. Izvestia vysshikh uchebnykh
zavedenii, mashinostroyeniye [Ministry of Higher and
Secondary Specialized Education, Bulletin of the Insti-
tutions of Higher Learning, Machine Building] |
| Gidrobiol.
zhur. (13e) | Gidrobiologicheskii zhurnal [Hydrobiological Journal] | Izv. vys. ucheb.
zav.; mat.
(13e) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego
spetsial'nogo obrazovaniya. Izvestia vysshikh uchebnykh
zavedenii, matematika [Ministry of Higher and Secondary
Specialized Education, Bulletin of the Institutions of
Higher Learning, Mathematics] |
| Gor. khoz.
Mosk. (16d) | Gorodskoe khoz. khoz. Moskvy [Municipal Economy of Mos-
cow] | Izv. vys. ucheb.
zav.; prav.
(17) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego
spetsial'nogo obrazovaniya. Izvestia vysshikh uchebnykh
zavedenii, pravovedeniye [Ministry of Higher and
Secondary Specialized Education, Bulletin of the
Institutions of Higher Learning, Jurisprudence] |
| Gor. zhur.
(16h) | Gornyi zhurnal [Mining Journal] | Izv. vys. ucheb.
zav.; prib.
(16g) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego
spetsial'nogo obrazovaniya. Izvestia vysshikh uchebnykh
zavedenii, priborostroyeniye [Ministry of Higher and
Secondary Specialized Education, Bulletin of the Insti-
tutions of Higher Learning, Instrument Manufacture] |
| Inform. biul. Sov.
antark. eksp.
(1a) | Sovetskaya antarkicheskaya ekspeditsiya, 1955-1958
Informatsionnyi biulleten' [Soviet Antarctic Expedition,
1955-1958. Information Bulletin] | Izv. vys. ucheb.
zav.; tsivol.
mel. (16h) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego
spetsial'nogo obrazovaniya. Izvestia vysshikh uchebnykh
zavedenii, tsivilnaya metallurgiya [Ministry of Higher and
Secondary Specialized Education, Bulletin of the Insti-
tutions of Higher Learning, Nonferrous Metallurgy] |
| Inform. biul.
VDNKh
(10a) | Moscow. Vystavka dostizhenii narodnogo khoz. khoz. SSSR.
Informatsionnyi biulleten' [Exhibition of Achievements of
the National Economy of the U.S.S.R., Information Bulet-
tin] | Kardiologiya
(14a) | Kardiologiya [Cardiology] |
| Inform. ukaz.
bibl. spis. i
kart. (2a) | Informatsionnyi ukazatel' bibliograficheskikh splavov i
kartotek, sostavlyennykh bibliotekami Sovetskogo Soyuza
[Information Index of Bibliographical Lists and Card
Files, Compiled by the Libraries of the Soviet Union] | Kart. iot. (12b) | Kartograficheskaya letopis' [Cartographic Chronicle] |
| Inform. ukaz.
stand. (10a) | Informatsionnyi ukazatel' standartov [Information Index
of Standards] | Kauch. i rez.
(16c) | Kauchuk i rezina [Crude and Vulcanized Rubber] |
| Inzh. zhur.
(16g) | Inzhenernyi zhurnal [Engineering Journal] | Khim. i nef.
mashinost.
(16c) | Khimicheskoe i neftefatsnoye mashinostroyeniye [Chemical and
Petroleum Machinery Manufacture] |
| Isal. po teor.
sooruzh. (16d) | Issledovaniya po teorii sooruzhenii [Studies in the Theory of
Structures] | Khim. i tekhn. topl.
i masel (16c) | Khimiya i tekhnologiya topliv i masel [Chemistry and Tech-
nology of Fuel and Oil] |
| Ist. dzhur.
ta ikh vyk.
(4a) | Istoricheskie dzhurnal ta ikh vykorystannia [Historical
Sources and their use] | Khim. inform.
(13d) | Khimicheskaya informatsiya i sistematicheskii ukazatel'
statel v inostrannykh zhurnalakh [Chemical Information,
Classified Index of Articles in Foreign Periodicals] |
| Ist. SSSR (4a) | Istoriya SSSR [History of the U.S.S.R.] | | |
| Izm. tekhn. (16a) | Izmeritel'naya tekhnika [Measurement Techniques] | | |
| Izobr. i rats.
(10a) | Izobretatel' i ratsionalizator [Inventor and Efficiency
Promoter] | | |
| Izv. AN Arm.
SSR. Obshche-
stv. nauki
(1a) | Akademii nauk Armianskoi SSR, Eriyan, Izvestia,
Obshchestvennyye nauki [Academy of Sciences of the
Armenian S.S.R. Bulletin, Social Sciences] | | |
| Izv. AN Azorb.
SSR. Ser. biol.
nauk (13c) | Akademii nauk Azerbaidzhanakoi SSR, Baku, Izvestia,
Seriya biologicheskikh nauk [Academy of Sciences of the
Azerbaijan S.S.R. Bulletin, Series in the Biological
Sciences] | | |
| Izv. AN SSSR.
Energiya i transp.
(16g) | Akademii nauk SSSR, Izvestia, Energetika i transport
[Academy of Sciences of the U.S.S.R. Bulletin, Power
Engineering and Transportation] | | |
| Izv. AN SSSR.
Fiz. atm. i
okeana (13f) | Akademii nauk SSSR, Izvestia, Fizika atmosfery i
okeana [Academy of Sciences of the U.S.S.R. Bulletin,
Atmospheric and Oceanic Physics] | | |
| Izv. AN SSSR.
Mekh. (13f) | Akademii nauk SSSR, Izvestia, Mekhanika [Academy of
Sciences of the U.S.S.R. Bulletin, Mechanics] | | |
| Izv. AN SSSR.
Met. (10h) | Akademii nauk SSSR, Izvestia, Metally [Academy of Scien-
ces of the U.S.S.R. Bulletin, Metals] | | |
| Izv. AN SSSR.
Neorg. mat.
(13d) | Akademii nauk SSSR, Izvestia, Neorganicheskie
materialy [Academy of Sciences of the U.S.S.R. Bulletin,
Inorganic Materials] | | |
| Izv. AN SSSR
Ser. fiz.
(13f) | Akademii nauk SSSR, Izvestia, Seriya fizicheskaya [Academy
of Sciences of the U.S.S.R. Bulletin, Physical Series] | | |
| Izv. AN SSSR
Ser. geog.
(12b) | Akademii nauk SSSR, Izvestia, Seriya geografiches-
kaya [Academy of Sciences of the U.S.S.R. Bulet-
tin, Geographical Series] | | |
| Izv. AN SSSR.
Ser. khim.
(13d) | Akademii nauk SSSR, Izvestia, Seriya khimicheskaya
[Academy of Sciences of the U.S.S.R. Bulletin, Chemical
Series] | | |

| | | | |
|--|---|---|--|
| Khim. v les
khoz. (15c) | Khimiya v lesnom khoziaistve [Chemistry in Forestry] | Mikrobiologiya
(13c) | Mikrobiologiya [Microbiology] |
| Khim. v sel'.
khoz. (15a) | Khimiya v sel'skom khoziaistve [Chemistry in Agriculture] | Mir. ekon. i
mezhduar. otn.
(5b) | Mirovaia ekonomika i mezhduarodnye otnosheniia
[World Economics and International Relations] |
| Khim. volok
(16c) | Khimicheskie volokna [Synthetic Fibers] | Muk. - elev.
prom. (16f) | Mukomol'no-elevatornaya promyshlennost' [Flour Milling and Grain Storage] |
| Khleb. i kond.
prom. (16f) | Khlebopekarnaya i konditerskaya promyshlennost' [Baking and Confectionery Industry] | NTO
(16a) | Vsesoyuznyi soviet nauchno-tekhnicheskikh obshchestv.
Nauchno-tekhnicheskie obshchestva SSSR [All-Union
Council of Scientific Technological Societies. Scientific
Technological Societies of the U.S.S.R.] |
| Khol. tekhn. (16c) | Kholodil'naya tekhnika [Refrigeration Engineering] | Na stroit. Ros.
(16d) | Na stroikakh Rossi [At Russian Construction Projects] |
| Kin. i kat. (13d) | Kinetika i kataliz [Kinetics and Catalysts] | Nar. khoz. Kazakh.
(5b) | Narodnoe khoziaistvo Kazakhstana [The National Economy
of Kazakhstan] |
| Klin. khir. (14b) | Klinicheskaya khirurgiya [Clinical Surgery] | Nar. obr. (8a) | Narodnoe obrazovanie [Public Education] |
| Knizh. let. (2a) | Knizhnaya letopis' [Book Chronicle] | Nauch. dokl. vys.
shkoly; biol.
nauki (13c) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego
spetsial'nogo obrazovaniya. Nauchnye doklady vysshei
shkoly, biologicheskie nauki [Ministry of Higher and
Secondary Specialized Education. Research Papers of
Higher Schools; Biological Sciences] |
| Knizh. torg.
(2c) | Knizhnaya torgovlya [Book Trade] | Nauch. dokl. vys.
shkoly;
filos. nauki
(3a) | Russia (1923- U.S.S.R.) Ministerstvo vysshego i sred
nego spetsial'nogo obrazovaniya. Nauchnye doklady vy
sshei shkoly, filosofskie nauki [Ministry of Higher and
Secondary Specialized Education. Research Papers of
Higher Schools; Philosophical Sciences] |
| Koks i khim.
(16c) | Koks i khimiya [Coke and Chemistry] | Nauch. soob. IGD
(16h) | Moscow. Institut gornogo dela imeni A. A. Skochinskogo.
Nauchnye soobshcheniya [A. A. Skochinskii Institute of
Mining. Scientific Reports] |
| Kolt zhur.
(14d) | Kolloidnyi zhurnal [Colloid Journal] | Nauch. - tekhn.
probl. gor.
i vzryva
(13f) | Nauchno-tekhnicheskiye problemy gorenija i vzryva [Sci-
entific and Technical Problems in Combustion and
Blasting] |
| Komm. Ukr
(8) | Kommunist Ukrainy [Communist of the Ukraine] | Nauch. trudy
Riaz. med.
inst. (14a) | Ryazan. Meditsinskii institut. Nauchnye trudy [Medical
Institute, Studies] |
| Komm. Vooruzh.
Sil (17a) | Kommunist Vooruzhennykh Sil [Communist of the Armed
Forces] | Nef. khoz
(10h) | Neftianoe khoziaistvo [The Petroleum Industry] |
| Kons. i ov. prom.
(16c) | Konservnaya i ovoshchesushl'naya promyshlennost' [The
Canning and Dehydrated Vegetable Industry] | Nefteprom. delo
(16h) | Neftepromyshlennoe delo [Petroleum Production] |
| Kozh. - obuv.
prom. (16f) | Kozhevenno-obuvnaya promyshlennost' [Leather and Foot-
wear Industry] | Nek. vop. klim.
i kraev. pat.
(14e) | Nekotorye voprosy klimatofiziologii i kraevoi patologii
[Some Problems in Climatophysiology and Regional
Pathology] |
| Kryl. rod (16b) | Kryl'ia rodiny [Wings of the Motherland] | Nom. sbor. (13e) | Akademika nauk SSSR. Vychislitel'nyi tsentr. Nomo-
graficheskii sbornik [Academy of Sciences of the U.S.S.R.
Computation Center. Nomographic Papers] |
| Kuz. - shtam
proizv.
(16g) | Kuznechno-shtampovoe proizvodstvo [Forging and
Stamping] | Nov. inostr. knigi:
kat. nov. postup.
(2b) | Akademika nauk SSSR. Biblioteka. Novye inostrannye knigi,
katalog novykh postuplenii ... [Academy of Sciences
of the U.S.S.R. Library. New Foreign Books, Catalog
of New Accessions, ...] |
| Lab. delo (14e) | Laboratornoe delo [Laboratory Work] | Nov. knigi:
ezhened.
inform -
bibl. zhur
(2a) | Novye knigi; ezhenedel'nyi informatsionno-bibliograficheskii
zhurnal [New Books, Bibliographical Information Weekly] |
| Leh. prom. (16f) | Lehkaya promyslovost' [Light Industry] | Nov. knigi SSSR
(2a) | Novye knigi SSSR [New Books of the U.S.S.R.] |
| Let. druku
BSSR (2a) | Letapis druku BSSR. Letopis' pechatii BSSR [Chronicle of the
Publications of the White Russian S.S.R.] | Nov. knigi za
rub. Ser. A
(13a) | Novye knigi za rubezhom. Seriya A: Matematika, mekhanika,
astronomiya, geofizika, fizika, khimiya, geologiya, fiziko-
skaya geografiya [New Foreign books: Series A: Mathe-
matics, Mechanics, Astronomy, Physics, Geophysics,
Chemistry, Geology, Physical Geography] |
| Let. gazet. st.
(2a) | Letopis' gazetnykh statei [Chronicle of Newspaper Articles] | Nov. knigi za
rub. Ser. V
(2a) | Novye knigi za rubezhom. Seriya V: Biologiya, meditsina,
sel'skoe khoziaistvo [New Foreign Books, Series V:
Biology, Medicine, Agriculture] |
| Let. muz. lit.
(9b) | Letopis' muzykal'noi literatury [Chronicle of Musical
Literature] | Nov. knigi za
rub. po
obshchestv.
naukam (2a) | Novye knigi za rubezhom po obshchestvennyim naukam;
ekonomika, filosofiya, istoriya, mezhduarodnye otno-
sheniia [New Foreign Books on the Social Sciences; Eco-
nomics, Philosophy, History, International Relations] |
| Let. period. izd
SSSR (2a) | Letopis' periodicheskikh izdani SSSR [Chronicle of
Periodical Publications of the U.S.S.R.] | Nov. tov. (8a) | Novye tovary; informatsionnyi biulleten' [New Con-
sumer Goods, Information Bulletin] |
| Let. zhur. st.
(2a) | Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles] | Nov. vrem. (8) | Novoe vremia [New Times] |
| Lit. i isk. nar.
SSSR i zarub.
stran (11b) | Literatura i iskusstvo narodov SSSR i zarubezhnykh stran
[Literature and Art of the Peoples of the U.S.S.R. and
Foreign Countries] | Ogneupory (16h) | Ogneupory [Refractories] |
| Lit. i pol. iskop.
(12c) | Litologiya i poleznye iskopaemye [Lithology and Mineral
Resources] | Okhr. priro. Mold.
(13a) | Okhrana prirody Moldavi [Conservation in Moldavia] |
| Lit. i sovr.
(11b) | Literatura i sovremennost' [Literature and the Present] | Okhr. truda i
sots. strakh.
(5d) | Okhrana truda i sotsial'noe strakhovanie [Protection of
Labor and Social Insurance] |
| Lit. po ped.
naukam i nar.
obr. (8a) | Literatura po pedagogicheskim naukam i narodnomu
obrazovaniiu [Literature on the Pedagogical Sciences
and Public Education] | Oktiabr' (11b) | Oktiabr' [October] |
| Lit. proizv.
(16h) | Litnoe proizvodstvo [Foundry Practice] | Ornitologiya (13c) | Ornitologiya [Ornithology] |
| Mag. gidr.
(13f) | Magnitnaya gidrodinamika [Magnetohydrodynamics] | Ortop., travm.
i protez.
(14h) | Ortopediya, travmatologiya i protezirovaniye [Ortho-
pedics, Traumatology, and Prosthesis] |
| Mashinostroitel'
(16g) | Mashinostroitel' [Machine Builder] | Osn., fund. i
mekh. grun.
(16d) | Osnovaniya, fundamenty i mekhanika gruntov [Foundations
and Soil Mechanics] |
| Maslozhir.
prom.
(16c) | Maslozhirovaya promyshlennost' [Oils and Fats Industry] | Palest. sbor. (4a) | Palestinskii sbornik [Palestine Review] |
| Mat. i soob. Issl.
old. Inst. po
izuch. SSSR
(4a) | Institut zur Erforschung der UdSSR. Materialy i soob-
shcheniya issledovatel'skogo otdela [Institute for the
Study of the U.S.S.R. Materials and Reports of the
Research Department] | Part. zhizn'
(8) | Partiinaya zhizn' [Party Life] |
| Mat. sbor. (13e) | Matematicheskii sbornik [Mathematical Review] | | |
| Med. rad.
(14a) | Meditsinskaya radiologiya [Medical Radiology] | | |
| Med. ref. zhur.
(14a) | Meditsinskii referativnyi zhurnal [Medical Abstracts] | | |
| Mekh. stroit.
(16d) | Mekhanizatsiya stroitel'stva [Mechanization of Construction] | | |
| Met. i gornorud.
prom. (16h) | Metallurgicheskaya i gornorudnaya promyshlennost' [Metallurgical, Mining, and Ore Dressing Industries] | | |
| Metallaved. i
term. obr.
met. (16h) | Metallavedeniye i termicheskaya obrabotka metallov [Metals
and Heat Treatment of Metals] | | |
| Metallurg (16h) | Metallurg [Metallurgist] | | |
| Mezhduar.
zhizn' (8) | Mezhduarodnaya zhizn' [International Life] | | |
| Mikrobiol.
zhur. (13c) | Mikrobiologicheskii zhurnal [Journal of Microbiology] | | |

| | | | |
|--|---|---|---|
| Dis', v red.
Zhur. eksper.
i teoret. fiz.
(13f) | Zhurnal eksperimental'noi i teoreticheskoi fiziki. Pis'ma
v redaktsii [Journal of Experimental and Theoretical
Physics, Letters to the Editors] | Ref. zhur. . Farm.
Toks. (14f) | Referativnyi zhurnal. Farmakologiya, Toksikologiya
(Otdel'nyi vypusk 54) [Journal of Abstracts: Pharmacology,
Toxicology (Separate Issue 54)] |
| Plan. khoz
(5b) | Planovoe khoziaistvo [Planned Economy] | Ref. zhur. . Fiz.
(13f) | Referativnyi zhurnal. Fizika [Journal of Abstracts: Physics] |
| Plast. massy.
(16c) | Plasticheskie massy [Plastics] | Ref. zhur.
Fotokinetikh.
(16g) | Referativnyi zhurnal. Fotokinetika (Otdel'nyi vypusk 46)
[Journal of Abstracts: Photographic and Motion-Picture
Equipment (Separate Issue 46)] |
| Pochvovedenie
(15a) | Pochvovedenie [Soil Science] | Ref. zhur.
Geod. (13b) | Referativnyi zhurnal: Geodeziya (Otdel'nyi vypusk 52)
[Journal of Abstracts: Geodesy (Separate Issue 52)] |
| Polligrafia (2c) | Polligrafia [Printing] | Ref. zhur. .
Geofiz.
(13f) | Referativnyi zhurnal. Geofizika [Journal of Abstracts:
Geophysics] |
| Porosh. met.
(16h) | Poroshkovaya metallurgiya [Powder Metallurgy] | Ref. zhur. : Geog.
(12b) | Referativnyi zhurnal: Geografiya [Journal of Abstracts:
Geography] |
| Pov. skor. bu-
magodel. mash.
(16g) | Povyshenie skorosti bumagodelatel'nykh mashin [Improving
the Speeds of Paper-Making Machinery] | Ref. zhur.
Geol. (12c) | Referativnyi zhurnal: Geologiya [Journal of Abstracts:
Geology] |
| Pozh. delo (16d) | Pozharnoe delo [Fire Fighting] | Ref. zhur. . Gor.
delo (16h) | Referativnyi zhurnal: Gornoe delo [Journal of Abstracts:
Mining] |
| Priborostroenie
(16g) | Priborostroenie [Instrument Manufacture] | Ref. zhur. . Gor.
mash. (16h) | Referativnyi zhurnal: Gornye mashiny (Otdel'nyi vypusk 43)
[Journal of Abstracts: Mining Machinery (Separate
Issue 43)] |
| Prikl. mekh.
(16g) | Priladnaya mekhanika [Applied Mechanics] | Ref. zhur. . IAd.
reak. (16e) | Referativnyi zhurnal: IAdernye reaktory (Otdel'nyi vypusk 50)
[Journal of Abstracts: Nuclear Reactors (Separate
Issue 50)] |
| Priroda (13a) | Priroda [Nature] | Ref. zhur. . Issl.
kosm. plosti
(13b) | Referativnyi zhurnal: Issledovanie kosmicheskogo prostranstva
(Otdel'nyi vypusk 62) [Journal of Abstracts: Space Research
(Separate Issue 62)] |
| Probl. Arkt. i Ant-
arkt. (12b) | Problemy Arktiki i Antarktika [Problems of the Arctic and
the Antarctic] | Ref. zhur. : Khim.
(13d) | Referativnyi zhurnal: Khimiya [Journal of Abstracts:
Chemistry] |
| Probl. chel. -
lits. phir.
(14h) | Problemy chelustno-litsevoi khirurgii [Problems of
Maxillofacial Surgery] | Ref. zhur. . Khim.
i khol. mashin-
nostr. (16c) | Referativnyi zhurnal: Khimicheskoe i kholodil'noe
mashinostroenie (Otdel'nyi vypusk 47) [Journal of
Abstracts: Chemical and Refrigeration Machinery
Manufacture (Separate Issue 47)] |
| Probl. gemat.
i perel.
krovi (14e) | Problemy gematologii i perekrivaniya krovi [Problems of
Hematology and Blood Transfusion] | Ref. zhur. : Kib.
(13a) | Referativnyi zhurnal: Kibernetika [Journal of Abstracts:
Cybernetics] |
| Probl. Sov.
(12b) | Problemy Severa [Problems of the North] | Ref. zhur. :
Kotlostr.
(16g) | Referativnyi zhurnal: Kotlostroenie (Otdel'nyi vypusk 42)
[Journal of Abstracts: Boiler Manufacture (Separate
Issue 42)] |
| Probl. tub. (14a) | Problemy tuberkuleza [Problems of Tuberculosis] | Ref. zhur. .
Lesoved. i
lesovod. (15c) | Referativnyi zhurnal. Lesovedenie i lesovodstvo (Otdel'nyi
vypusk 56) [Journal of Abstracts: Forestry and Forest
Management (Separate Issue 56)] |
| Prof. -tekh. obr.
(16a) | Professional'no-tekhnicheskoe obrazovanie [Vocational
Technical Education] | Ref. zhur. . Ma-
shinostroi. mat.
konstr. i rasch.
det. mash. Gidr.
(16g) | Referativnyi zhurnal: Mashinostroitel'nye materialy, kon-
struktsii i raschet detalей mashin. Gidropriivod (Otdel'-
nyy vypusk 48) [Journal of Abstracts: Materials for
Machinery Manufacture and the Design of Machine Parts,
Hydraulic Drive (Separate Issue 48)] |
| Prom. Arm. (10a) | Promyshlennost' Armenii [Industry of Armenia] | Ref. zhur. : Mat.
(13e) | Referativnyi zhurnal. Matematika [Journal of Abstracts:
Mathematics] |
| Prom. energ.
(16e) | Promyshlennaya energetika [Industrial Power] | Ref. zhur. : Mod.
geog. (14a) | Referativnyi zhurnal: Meditsinskaya geografiya (Otdel'nyi
vypusk 36) [Journal of Abstracts: Medical Geography
(Separate Issue 36)] |
| Put' i put. khoz.
(16d) | Put' i putevoye khoziaistvo [Railroad Tracks and Roadway
Maintenance] | Ref. zhur. . Mekh.
(13f) | Referativnyi zhurnal. Mekhanika [Journal of Abstracts:
Mechanics] |
| Rad. lit. (11b) | Radiatsion'noye literaturoznaystvo [Soviet Literary Review] | Ref. zhur. : Met.
(16h) | Referativnyi zhurnal: Metallurgiya [Journal of Abstracts:
Metallurgy] |
| Rad. pravo (7) | Radiatsion'noye pravo [Soviet Law] | Ref. zhur. : Metr.
i izm. tokh.
(16a) | Referativnyi zhurnal: Metrologiya i izmeritel'naya tekhnika
(Otdel'nyi vypusk 32) [Journal of Abstracts: Measurement
and Measurement Techniques (Separate Issue 32)] |
| Rad. shk. (8a) | Radiatsion'noye shkola [Soviet School] | Ref. zhur. :
Nasosostroi. i
kompres-
sorostroi. (16g) | Referativnyi zhurnal. Nasosostroenie i kompressorostroenie
(Otdel'nyi vypusk 61) [Journal of Abstracts: Manufacture
of Pumps and Compressors (Separate Issue 61)] |
| Radiokhimiya
(13d) | Radiokhimiya [Radiochemistry] | Ref. zhur. : Nauch.
i tekhn. inform.
(16a) | Referativnyi zhurnal: Nauchnaya i tekhnicheskaya informatsiya
(Otdel'nyi vypusk 59) [Journal of Abstracts: Scientific and
Technical Information (Separate Issue 59)] |
| Radiotekh. i
elektron.
(16e) | Radiotekhnika i elektronika [Radio Engineering and Elec-
tronics] | Ref. zhur. : Ob.
vop. pat. Onk.
(16e) | Referativnyi zhurnal: Obshchie voprosy patologii.
Onkologiya (Otdel'nyi vypusk 53) [Journal of Abstracts:
General Problems of Pathology. Oncology (Separate
Issue 53)] |
| Radiotekhnika
(16e) | Radiotekhnika [Radio Engineering] | Ref. zhur. : Ober.
pishch. prom.
(16g) | Referativnyi zhurnal: Oborudovanie pishchevoly promyshlen-
nosti (Otdel'nyi vypusk 38) [Journal of Abstracts: Equip-
ment of the Food Industry (Separate Issue 38)] |
| Rast. res.
(13c) | Rastitel'nye resursy [Plant Resources] | Ref. zhur. :
Pochv.
udobr. mel.
(15a) | Referativnyi zhurnal: Pochvovedenie. Udobrenie. Mello-
vatella (Otdel'nyi vypusk 57) [Journal of Abstracts: Soil
Science. Fertilizers. Reclamation (Separate Issue 57)] |
| Ref. sbor. : Ekon.
prom. (5b) | Referativnyi sbornik: Ekonomika promyshlennosti
[Journal of Abstracts of Industry] | Ref. zhur. . Prom.
transp. (16g) | Referativnyi zhurnal: Promyshlennyy transport [Journal
of Abstracts: Industrial Transportation] |
| Ref. zhur. :
Astron. (13b) | Referativnyi zhurnal. Astronomiya (Otdel'nyi vypusk 51)
[Journal of Abstracts: Astronomy (Separate Issue 51)] | Ref. zhur. :
Radiotekh. i
elektrosvyaz'
(16e) | Referativnyi zhurnal. Radiotekhnika i elektrosvyaz'
[Journal of Abstracts: Radio Engineering and Tele-
communication] |
| Ref. zhur. : Av. i
raket. dvig.
(16b) | Referativnyi zhurnal: Aviatsonnyye i raketnyye dvigateli
(Otdel'nyi vypusk 34) [Journal of Abstracts: Aircraft
and Rocket Engines (Separate Issue 34)] | Ref. zhur. :
Raketostroi.
(16b) | Referativnyi zhurnal: Raketostroenie (Otdel'nyi vypusk 41)
[Journal of Abstracts: Rocket Building (Separate Issue
41)] |
| Ref. zhur. : Avt.
dor. (16d) | Referativnyi zhurnal: Avtomobil'nye dorogi [Journal of
Abstracts: Highways] | | |
| Ref. zhur. : Avt.
i gor. transp.
(16g) | Referativnyi zhurnal: Avtomobil'nyi i gorodskoy transport
[Journal of Abstracts: Automotive and City Transpor-
tation] | | |
| Ref. zhur. :
Avtom. i telex.
(16e) | Referativnyi zhurnal: Avtomatika, telemekhanika i
vychislitel'naya tekhnika [Journal of Abstracts: Auto-
matic Control, Remote Control, and Computer Tech-
nology] | | |
| Ref. zhur. :
Biol. (13c) | Referativnyi zhurnal: Biologiya [Journal of Abstracts:
Biology] | | |
| Ref. zhur. : Biol.
khim. (13c) | Referativnyi zhurnal: Biologicheskaya khimiya (Otdel'nyi
vypusk 30f) [Journal of Abstracts: Biochemistry (Separate
Issue 30f)] | | |
| Ref. zhur. : Dvig.
vnutr. sgor.
(16g) | Referativnyi zhurnal: Dvigateli vnutrennego sgoraniya
(Otdel'nyi vypusk 39) [Journal of Abstracts: Internal-
Combustion Engines (Separate Issue 39)] | | |
| Ref. zhur. : Elek.
i ee prim.
(16e) | Referativnyi zhurnal: Elektronika i ee primeneniye
[Journal of Abstracts: Electronics and its applications] | | |
| Ref. zhur. : Elek-
trotekh. i energ.
(16e) | Referativnyi zhurnal: Elektrotekhnika i energetika
[Journal of Abstracts: Electrical Engineering and
Electric Power] | | |

| | | | |
|---|---|---|---|
| Ref. zhur. Rast
(16d) | Referativnyi zhurnal: Rastenievodstvo (Otdel'nyi vypusk 55)
[Journal of Abstracts: Plant Culture (Separate Issue 55)] | Sots. obesp.
(5c) | Sotsial'noe obshchestvenie [Social Security] |
| Ref. zhur. Stroitel'stvo i dorozhnye mashiny
(16g) | Referativnyi zhurnal: Stroitel'stvo i dorozhnye mashiny (Otdel'nyi vypusk 60) [Journal of Abstracts: Construction Equipment and Road Machinery (Separate Issue 60)] | Sots. trud (5d) | Sotsialisticheskiy trud [Socialist Labor] |
| Ref. zhur. Tekhn. i obor. sel. i prom. i poligr. proizvodv. (16g) | Referativnyi zhurnal: Tekhnologiya i oborudovanie sel'skhozhozhstva i promyshlennosti i poligraficheskogo proizvodstva (Otdel'nyi vypusk 37) [Journal of Abstracts: Technology and Equipment of the Woodpulp, Paper, and Printing Industry (Separate Issue 37)] | Sov. dolgoigr. gramplast (9b) | Sovetskii dolgoigranushchii gramplast [Soviet Long-playing Phonorecords] |
| Ref. zhur. Teploenerg (16g) | Referativnyi zhurnal: Teploenergetika [Journal of Abstracts: Heat Engineering] | Sov. geol. (12c) | Sovetskaya geologiya [Soviet Geology] |
| Ref. zhur. Trakt. i sel'khoz. mash. i orud. (16g) | Referativnyi zhurnal: Traktory i sel'skhozhozhstvennyye mashiny i orudiya (Otdel'nyi vypusk 14) [Journal of Abstracts: Tractors and Agricultural Machinery and Equipment (Separate Issue 14)] | Sov. gos. i pravo (7) | Sovetskoe gosudarstvo i pravo [The Soviet State and Law] |
| Ref. zhur. Trub. transp. (16g) | Referativnyi zhurnal: Truboprovodnyi transport (Otdel'nyi vypusk 45) [Journal of Abstracts: Pipeline Transportation (Separate Issue 45)] | Sov. iust. (7) | Sovetskaya iustitsiya [Soviet Justice] |
| Ref. zhur. Turbostr. (16g) | Referativnyi zhurnal: Turbostroenie (Otdel'nyi vypusk 49) [Journal of Abstracts: Turbine Manufacture (Separate Issue 49)] | Sov. med. (14a) | Sovetskaya meditsina [Soviet Medicine] |
| Ref. zhur. Vod. transp. (17b) | Referativnyi zhurnal: Vodnyi transport [Journal of Abstracts: Water Transportation] | Sov. potreb. koop. (5a) | Sovetskaya potrebitel'skaya kooperatsiya [Soviet Consumer Cooperation] |
| Ref. zhur. Vop. tekhn. prog. i org. proizvodv. v mashinostro. (16g) | Referativnyi zhurnal: Voprosy tekhnicheskogo progressa i organizatsii proizvodstva v mashinostroeni (Otdel'nyi vypusk 35) [Journal of Abstracts: Problems of Technological Progress and the Organization of Production in the Machinery Industry (Separate Issue 35)] | Sov. profsoyuz (5d) | Sovetskie profsoyuzy [Soviet Trade Unions] |
| Ref. zhur. Vozd. transp. (16b) | Referativnyi zhurnal: Vozdushnyi transport [Journal of Abstracts: Air Transportation] | Sov. torg. (5a) | Sovetskaya torgovlya [Soviet Commerce] |
| Ref. zhur. Vzaïmnoo. raz. vid. transp. i kont. perev. (16g) | Referativnyi zhurnal: Vzaïmnoo. raz. vid. transp. i kont. perev. (Otdel'nyi vypusk 31) [Journal of Abstracts: Container Shipments and the Interaction of Various Types of Transportation (Separate Issue 31)] | Sov. voln. (17a) | Sovetskii voln [Soviet Soldier] |
| Ref. zhur. Zhelez. dor. transp. (16g) | Referativnyi zhurnal: Zheleznodorozhnyi transport [Journal of Abstracts: Railroad Transportation] | Sred. mes. aerol. dan. na izob. po- verkh. (13f) | Moscow, Nauchno-Issledovatel'skii Institut Aerofizicheskikh i Aerodinamicheskikh poverkhnostnykh [Scientific Research Institute of Aerodynamics and Aerodynamic Surfaces] |
| Ref. zhur. Zhiv. Vet. (15b) | Referativnyi zhurnal: Zhivotnovodstvo Veterinaria (Otdel'nyi vypusk 58) [Journal of Abstracts: Animal Husbandry Veterinary Medicine (Separate Issue 58)] | Sred. spets. obr. (8a) | Srednee spetsial'noe obrazovanie [Secondary Special Education] |
| Ryb. khoz. (15b) | Rybnoe khozaistvo [Fisheries] | Stan. i instr. (16g) | Stanki i instrument [Machine Tools and Instruments] |
| Sbor. nauch. rab. vrach. san- kur. uch. prof- soyuzov (14e) | Sbornik nauchnykh rabot vrachei sanatorno-kurortnykh uchrezhdenii profsoyuzov [Papers by Doctors of Trade Union Health Resort Institutions] | Standartizatsiya (18a) | Standartizatsiya [Standardization] |
| Sbor. nauch. trud. RNIi AKKH (16d) | Akademiiya kommunalnogo khozaistva. Rostovskii nauchno-issledovatel'skii institut, Sbornik nauchnykh trudov [Academy of Communal Economy, Rostov Scientific Research Institute. Papers] | Steklo i ker. (16c) | Steklo i keramika [Glass and Ceramics] |
| Sbor. nauch. trud. Tash. GMI (14a) | Tashkent Gosudarstvennyi meditsinskii institut, Sbornik nauchnykh trudov [State Medical Institute. Papers] | Stroitel'stvo i arkhitekt. (10b) | Stroitel'stvo i arkhitektura [Construction and Architecture] |
| Sbor. rab. Koms. GMO (13f) | Komsomol'skii (Sverdlovsk Province) Gidrometeorologicheskaya observatoriya, Sbornik rabot [Hydrometeorological Observatory. Papers] | Stroitel'stvo i arkhitekt. Leningrad (10b) | Stroitel'stvo i arkhitektura Leningrada [Construction and Architecture in Leningrad] |
| Sbor. rab. Kuib. gidromet. obser. (13f) | Kuibyshev, Gidrometeorologicheskaya observatoriya, Sbornik rabot [Hydrometeorological Observatory. Papers] | Stroitel'stvo i arkhitekt. Mosk. (10b) | Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow] |
| Sbor. st. NIITIAZH-MA SHA Uralmash- zavoda (16g) | Ural'skii mashinostroitel'nyi zavod, Sverdlovsk. Nauchno-issledovatel'skii institut tiazhelego mashinostroeni, Sbornik statei [Ural Machine-Building Plant, Scientific Research Institute of Heavy Machinery. Papers] | Stroitel'stvo i arkhitekt. Uzb. (10b) | Stroitel'stvo i arkhitektura Uzbekistana [Construction and Architecture in Uzbekistan] |
| Sbor. trud. LIIZHT (16d) | Leningrad. Institut inzhenerov zheleznodorozhnogo transporta, Sbornik trudov [Institute of Railroad Transportation Engineers. Papers] | Stroitel'stvo i dorozhnye mashiny (16g) | Stroitel'stvo i dorozhnye mashiny [Construction and Road Machinery] |
| Sbor. trud. TSNICHM (16h) | Moscow. Tsentral'nyi nauchno-issledovatel'skii institut chernoi metallurgii, Sbornik trudov [Central Scientific Research Institute of Ferrous Metallurgy. Papers] | Stroitel'nye materialy (16d) | Stroitel'nye materialy [Building Materials] |
| Sel'. khoz. (15a) | Sel'skoe khozaistvo; sistematischeskii ukazatel' statei v inostrannykh zhurnalakh [Agriculture, Classified Index of Articles in Foreign Periodicals] | Stroitel'naya mekhanika i raschet sooruzhenii (16d) | Stroitel'naya mekhanika i raschet sooruzhenii [Construction Mechanics and Construction Calculations] |
| Sel'. stroi. (10d) | Sel'skoe stroitel'stvo [Rural Construction] | Stroitel'stvo truboprovodov (16d) | Stroitel'stvo truboprovodov [Pipeline Construction] |
| Sem'ia i shkola (8a) | Sem'ia i shkola [Family and School] | Stai. proizv. (16f) | Svaichnoe proizvodstvo [Welding Practice] |
| Shakht. stroi. (10h) | Shakhtnoe stroitel'stvo [Mine Construction] | Svetotekhnika (16e) | Svetotekhnika [Lighting Engineering] |
| Shkola i proizvodv. (8a) | Shkola i proizvodstvo [School and Industry] | Svod. biul. nov. inostr. knig. Ser. A (2a) | Svodnyi biulleten' novykh inostrannykh knig, Ser. A: Estestvennyye nauki, meditsina, sel'skoe khozaistvo, tekhnika [Union Bulletin of New Books Received by the Libraries of the U.S.S.R.: Natural Sciences, Medicine, Agriculture, Technology] |
| Shvein. prom. (16f) | Shveinaya promyshlennost' [Clothing Industry] | Tekh. kino i telev. (9a) | Tekhnika kino i televiziya [Motion-Picture and Television Engineering] |
| Sib. mat. zhur. (13e) | Sibirskii matematicheskii zhurnal [Siberian Mathematical Journal] | Tekh. v sel'khoz. (15a) | Tekhnika v sel'skom khozaiстве [Mechanics in Agriculture] |
| Soob. AN Gruz. SSR (1a) | Akademiiya nauk Gruzinskoi SSR, Tiflis. Soobshcheniia [Academy of Sciences of the Georgian S.S.R. Reports. Russian language edition] | Tekst. prom. (16f) | Tekstil'naya promyshlennost' [Textile Industry] |
| | | Teor. i prak. fiz. kul't. (8b) | Teoriya i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education] |
| | | Teriet. i eksper. khim. (13d) | Teoreticheskaya i eksperimental'naya khimiya [Theoretical and Experimental Chemistry] |
| | | Teploenergetika (16g) | Teploenergetika [Heat Engineering] |
| | | Torf. prom. (18h) | Torfianaya promyshlennost' [Peat Industry] |
| | | Toig. za rub. (5a) | Torgovlya za rubezhom [Trade Abroad] |
| | | Trakt. i sel'khoz. mash. (16g) | Traktory i sel'khoz. mashiny [Tractors and Agricultural Machinery] |
| | | Transp. i khran. nefli i nefteprod. (18h) | Transport i khraneniye nefli i nefteproduktov [Transport and Storage of Petroleum and Petroleum Products] |
| | | Trudy Arkhiva AN SSSR (13a) | Akademiiya nauk SSSR, Arkhiv. Trudy [Academy of Sciences of the U.S.S.R. Archives. Transactions] |
| | | Trudy Astr. zap. (13c) | Astrakhanskii zapovednik. Trudy [Astrakhan Reserve. Transactions] |

| | | | |
|---|--|--|---|
| Trudy GGI (12b) | Leningrad. Gosudarstvennyi gidrologicheskiy institut. Trudy [State Hydrological Institute. Transactions] | Trudy TSAO (13f) | Tsentral'naya aerologicheskaya observatoriya. Trudy [Central Aerological Observatory. Transactions] |
| Trudy GGO (13f) | Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy [Main Geophysical Observatory. Transactions] | Trudy TSIP (13f) | Moscow. Tsentral'nyi institut prognozov. Trudy [Central Weather Institute. Transactions] |
| Trudy GOIN (12b) | Moscow. Gosudarstvennyi okeanograficheskiy institut. Trudy [State Oceanographic Institute. Transactions] | Trudy TSNII MPS (10g) | Moscow. Vsesoyuznyi nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions] |
| Trudy Giprosvetmetobrazovka (16h) | Moscow. Gosudarstvennyi nauchno-issledovatel'skiy i proektnyy institut splavov i obrabotki tsvetnykh metallov. Trudy [State Scientific Research and Design Institute of the Alloys and Processing of Nonferrous Metals. Transactions] | Trudy TSNII GAIK (13b) | Moscow. Tsentral'nyi nauchno-issledovatel'skiy institut geodezii, aerofotografii i kartografii. Trudy [Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography. Transactions] |
| Trudy Inst. eksp. biol. AN Kazakh. SSR (13c) | Akademiya nauk Kazakhskoi SSR, Alma-Ata. Institut eksperimental'noi biologii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Experimental Biology. Transactions] | Trudy TSSBS (13c) | Akademiya nauk SSSR, Sibirskoe otdeleniye. Tsentral'nyi sibirskiy botanicheskiy sad. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. Central Siberian Botanical Garden. Transactions] |
| Trudy Inst. fiziol. AN Gruz. SSR (13c) | Akademiya nauk Gruzinskoi SSR, Tiflis. Institut fiziologii. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Physiology. Transactions] | Trudy Tbil-NIGMI (13f) | Tiflis. Zakavkazskiy nauchno-issledovatel'skiy gidrometeorologicheskii institut. Trudy [Transcaucasian Scientific Research Hydrometeorological Institute. Transactions] |
| Trudy Inst. gen. (13c) | Akademiya nauk SSSR. Institut genetiki. Trudy [Academy of Sciences of the U.S.S.R. Institute of Genetics. Transactions] | Trudy UkrNIGMI (13f) | Kiev. Ukrainskiy nauchno-issledovatel'skiy gidrometeorologicheskii institut. Trudy [Ukrainian Scientific Research Hydrometeorological Institute. Transactions] |
| Trudy Inst. Kom. stand., mer i izm. prib. (16a) | Russiya (1923- U.S.S.R.). Komitet standartov, mer i izmeritel'nykh priborov. Trudy institutov Komiteta [Committee of Standards, Measures, and Measuring Instruments. Transactions of the Institutes of the Committee] | Trudy Ul'ian. sel'khoz. inst. (15a) | Ulyanovsk. Sel'skokhozyaystvennyi institut. Trudy [Agricultural Institute. Transactions] |
| Trudy Inst. mol. i obog. AN Kazakh. SSR (16h) | Akademiya nauk Kazakhskoi SSR, Alma-Ata. Institut metallurgii i obogashcheniya. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Metallurgy and Ore Dressing. Transactions] | Trudy Un. druzh. nar. Geol., gor. delo i geod. (16h) | Moscow. Universitet druzhby narodov. Trudy. Geologiya, gornoye delo i geodeziya [University of the Friendship of Peoples. Transactions. Geology, Mining, and Surveying] |
| Trudy Inst. okean. (12b) | Akademiya nauk SSSR. Institut okeanologii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Oceanography. Transactions] | Trudy Un. druzh. nar. Stroil. (16d) | Moscow. Universitet druzhby narodov. Trudy. Stroitel'stvo [University of the Friendship of Peoples. Transactions. Construction] |
| Trudy KAI (16b) | Kazan. Aviatsetonnyi institut. Trudy [Aeronautical Institute. Transactions] | Trudy Un. druzh. nar. Vop. lit. (16b) | Moscow. Universitet druzhby narodov. Trudy. Voprosy literaturovedeniya [University of the Friendship of Peoples. Transactions. Problems in the Study of Literature] |
| Trudy KHIIT (16g) | Kharkov. Institut inzhenerov zailznochnogo transporta. Trudy [Institute of Railroad Transportation Engineers. Transactions] | Trudy VIZR (15d) | Leningrad. Vsesoyuznyi institut zashchity rastenii. Trudy [All-Union Institute of Plant Protection. Transactions] |
| Trudy KIMS (16h) | Tiflis. Kavkazskiy institut mineral'nogo syr'ya. Trudy [Caucasian Institute of Mineral Raw Materials. Transactions] | Trudy VNIIVS (16b) | Moscow. Vsesoyuznyi nauchno-issledovatel'skiy institut veterinarnoi sanitarii. Trudy [All-Union Scientific Research Institute of Veterinary Sanitation. Transactions] |
| Trudy Kal. tekhn. inst. ryb. prom. i khoz. (16b) | Kaliningrad. Kaliningradskiy tekhnicheskii institut rybnoi promyshlennosti i khoz. del. Trudy [Kaliningrad Technical Institute of Fisheries. Transactions] | Trudy VNIPRKH (15b) | Moscow. Vsesoyuzskiy nauchno-issledovatel'skiy institut prудovogo rybnogo khoz. del. Trudy [All-Union Scientific Research Institute of Pond Fisheries. Transactions] |
| Trudy KazNIGMI (13f) | Alma-Ata. Kazakhskiy nauchno-issledovatel'skiy gidrometeorologicheskii institut. Trudy [Kazakh Scientific Research Hydrometeorological Institute. Transactions] | Trudy VODGEO (16d) | Moscow. Vsesoyuznyi nauchno-issledovatel'skiy institut vodosnabzheniya, kanalizatsii, gidrotekhnicheskikh sooruzhenii i inzhenernoi gidrologii. Trudy [All-Union Scientific Research Institute of Water Supply, Sewerage, Hydraulic Structures, and Engineering Hydrogeology. Transactions] |
| Trudy Kaz NIIZR (15d) | Alma-Ata. Nauchno-issledovatel'skiy institut zashchity rastenii. Trudy [Scientific Research Institute of Plant Protection. Transactions] | Trudy VSNIPILos-drov (16f) | Vostochno-Sibirskiy nauchno-issledovatel'skiy i proektnyy institut lesnoi i derevobrabatывающей promyshlennosti. Trudy [East Siberian Scientific Research and Design Institute for the Forest and Woodworking Industry. Transactions] |
| Trudy LKI (16g) | Leningrad. Institut khimicheskoy zashchity. Trudy [Institute of Motion-Picture Engineers. Transactions] | Trudy Vor. med. inst. (14a) | Voronezh. Meditsinskii institut. Trudy [Medical Institute. Transactions] |
| Trudy LIVT (17b) | Leningrad. Institut vodnogo transporta. Trudy [Institute of Water Transportation. Transactions] | TSement (16d) | TSement [Cement] |
| Trudy Longidroproekt (16d) | Moscow. Vsesoyuznyi nauchno-issledovatel'skiy i nauchno-issledovatel'skiy institut gidroproekt. imeni S.I.A. Zhuk. Leningradskoe otdeleniye. Trudy [S.I.A. Zhuk All-Union Planning and Research Institute of Hydroproject. Leningrad Department. Transactions] | TSitologiya (13c) | TSitologiya [Cytology] |
| Trudy Lon. inst. epid. i mikrobiol. (14a) | Leningrad. Leningradskiy institut epidemiologii i mikrobiologii im. Pastera. Trudy [Leningrad Pasteur Institute of Epidemiology and Microbiology. Transactions] | TSvet. met. (16h) | TSvetnye metally [Nonferrous Metals] |
| Trudy MATI (16b) | Moscow. Aviatsetonnyi tekhnicheskii institut. Trudy [Technological Institute of Aeronautics. Transactions] | Uch. zap. BAI. gos. ped. inst. (1a) | Balashov. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute Studies] |
| Trudy MEI (10g) | Moscow. Energeticheskii institut. Trudy [Power Engineering Institute. Transactions] | Uch. zap. Chuv. gos. ped. inst. (1a) | Cheboksary. Chuvashskiy gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Chuvash State Pedagogical Institute. Studies] |
| Trudy MIIT (16g) | Moscow. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation. Transactions] | Uch. zap. GGPI (1a) | Gorkiy. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies] |
| Trudy Mekhanobr (16h) | Leningrad. Vsesoyuznyi nauchno-issledovatel'skiy i proektnyy institut mekhanicheskoi obrabotki poleznykh iskopnykh. Trudy [Scientific Research and Planning Institute for the Mechanical Processing of Minerals. Transactions] | Uch. zap. GGU (1a) | Gorkiy. Universitet. Uchenye zapiski [University. Studies] |
| Trudy Novosib. sel'khoz. inst. (15a) | Novosibirsk. Sel'skokhozyaystvennyi institut. Trudy [Agricultural Institute. Transactions] | Uch. zap. Inst. slav. (4a) | Akademiya nauk SSSR. Institut slavianovedeniya. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Institute of Slavic Studies. Studies] |
| Trudy OMIIT (10g) | Omsk. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Engineers of Railroad Transportation. Transactions] | Uch. zap. IUzh. - Sakh. gos. ped. inst. (1a) | Yuzhno-Sakhalinsk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies] |
| Trudy I-go MMI (14a) | Moscow. Perviy meditsinskii institut. Trudy [First Medical Institute. Transactions] | Uch. zap. Kish. un. (1a) | Kishinev. Universitet. Uchenye zapiski [University. Studies] |
| Trudy Resp. opyt. sta. kart. i ovoshch. khoz. (16d) | Respublikanskaya opyt'naya stantsiya kartofelnogo i ovoshchnogo khoz. del. Trudy [Republic Potato and Vegetable Farming Experiment Station. Transactions] | Uch. zap. Kras. gos. ped. inst. (1a) | Krasnoyarsk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies] |
| Trudy Sred. Az. nauch.-issl. gidrometeor. inst. (13f) | Sredneaziatkii nauchno-issledovatel'skiy gidrometeorologicheskii institut. Trudy [Central Asia Hydrometeorological Research Institute. Transactions] | Uch. zap. LGU (1a) | Leningrad. Universitet. Uchenye zapiski [University. Studies] |
| | | Uch. zap. MGPI (1a) | Moscow. Moskovskiy gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Moscow State Pedagogical Institute. Studies] |

| | | | |
|---|--|--|--|
| Uch. zap. NIIGA.
Reg. geol.
(12c) | Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki
Uchenye zapiski Regional'naya geologiya [Scientific Research Institute of the Geology of the Arctic. Studies Regional Geology] | Vop. ekon.
(5b) | Voprosy ekonomiki [Problems of Economics] |
| Uch. zap. Pakov.
gos. ped. inst.
(1a) | Pakov. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies] | Vop. inten.
sel'khoz.
Klr. (15a) | Voprosy intensifikatsii sel'skogo khozaistva [Problems in the Intensification of Agriculture in Kirghizia] |
| Ugol' Ukr. (16h) | Ugol' Ukrainy [Coal of the Ukraine] | Vop. ist. (4a) | Voprosy istorii [Problems of History] |
| Ukr. biokhim.
zhur. (13c) | Ukrains'kyi biokhimichnyi zhurnal [Ukrainian Biochemical Journal] | Vop. ist. KPSS
(8) | Voprosy istorii KPSS [Problems in the History of the CPSU] |
| Ukr. bot. zhur.
(13c) | Ukrains'kyi botanichnyi zhurnal [Ukrainian Botanical Journal] | Vop. lit. (11b) | Voprosy literatury [Problems of Literature] |
| Ukr. ist. zhur.
(4a) | Ukrains'kyi istorichnyi zhurnal [Ukrainian Historical Journal] | Vop. mai.
iaz. (11a) | Voprosy maitskogo izykoznannta [Problems in May Linguistics] |
| Urologiia (14a) | Urologiia [Urology] | Vop. med. khim.
(14f) | Voprosy meditsinskoi khimii [Problems of Medical Chemistry] |
| Usp. fiz. nauk
(13f) | Uspekhi fizicheskikh nauk [Progress in the Physical Sciences] | Vop. neirokhir.
(14h) | Voprosy neirokhirurgii [Problems of Neurosurgery] |
| Usp. khim. (13d) | Uspekhi khimii [Progress in Chemistry] | Vop. onk. (14e) | Voprosy onkologii [Problems of Oncology] |
| Usp. sovr. biol.
(13c) | Uspekhi sovremennoi biologii [Progress in Contemporary Biology] | Vop. virus. (13e) | Voprosy virusologii [Problems of Virology] |
| Uzb. biol.
zhur.
(13c) | Uzbekskii biologicheskii zhurnal [Uzbek Biological Journal] | Vop. zemledel'.
mekh. (15a) | Voprosy zemledel'cheskoi mekhaniki [Problems of Agricultural Machinery] |
| Vech. sred. shkola
(8a) | Vecherniaia sredniaia shkola [Evening Secondary School] | Vych. i org. tekhn.
v stroit. i proek.
(16d) | Vychislitel'naya i organizatsionnaya tekhnika v stroitel'stve i projektirovani [Computer and Organizational Technology in Construction and Design] |
| Ved. Verkh.
Sov. RSFSR
(7) | Russia (1917- R. S. F. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette] | Vysokom.
soed. (13d) | Vysokomolekulyarnye soedineniia [Macromolecular Compounds] |
| Ved. Verkh.
Sov. SSSR
(7) | Russia (1923- U. S. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette] | Za tekhn. prog.
(16a) | Za tekhnicheskii progress [For Technological Progress] |
| Vest. AMN SSSR
(14a) | Akademiiia meditsinskikh nauk SSSR. Vestnik [Academy of Medical Sciences of the U. S. S. R. Journal] | Zakup. sel'khoz.
prod. (15a) | Zakupki sel'skokhoziaistvennykh produktov [Purchases of Agricultural Products] |
| Vest. AN SSSR
(1a) | Akademiiia nauk SSSR. Vestnik [Academy of Sciences of the U. S. S. R. Journal] | Zashch. rast. ot
vred. i bol.
(15d) | Zashchita rastenii ot vreditel'ei i boleznei [Protecting Plants Against Diseases and Pests] |
| Vest. derm. i
ven. (14i) | Vestnik dermatologii i venerologii [Review of Dermatology and Venereology] | Zav. lab. (16h) | Zavodskaya laboratoriya [The Factory Laboratory] |
| Vest. drev. ist.
(4a) | Akademiiia nauk SSSR. Institut istorii. Vestnik drevnei istorii [Academy of Sciences of the U. S. S. R. Institute of History. Review of Ancient History] | Zemledelie (15d) | Zemledelie [Agriculture] |
| Vest. LGU (1a) | Leningrad. Universitet. Vestnik [University. Review] | Zhel. dor. transp.
(16g) | Zheleznodorozhnyi transport [Railroad Transportation] |
| Vest. mashino-
str. (16g) | Vestnik mashinostroeniia [Machine-Building Review] | Zhil. i kom.
khaz.
(16d) | Zhiliishchnoe i kommunal'noe khoziaistvo [Housing and Communal Services] |
| Vest. Mosk. un.
Ser. 2: Khim.
(13d) | Moscow. Universitet. Vestnik. Seriya 2: Khimiiia [University. Review. Series 2: Chemistry] | Zhil. stroit. (10d) | Zhiliishchnoe stroitel'stvo [Housing Construction] |
| Vest. Mosk. un.
Ser. 7. Filol.,
zhur. (11b) | Moscow. Universitet. Vestnik. Seriya 7: Filologiya, zhurnal'stva [University Review. Series 7: Philology, Journalism] | Zhur. anat. khim.
(13d) | Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry] |
| Vest. Mosk. un.
Ser. 8: Ekon.,
filos. (5b) | Moscow. Universitet. Vestnik. Seriya 8: Ekonomika, filosofiya [University. Review. Series 8: Economics, Philosophy] | Zhur. eksp. i klin.
med. (14a) | Zhurnal eksperimental'noi i klinicheskoi meditsiny [Journal of Experimental and Clinical Medicine] |
| Vest. stat. (5b) | Vestnik statistiki [Statistical Review] | Zhur. eksp. i teor.
fiz. (13f) | Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics] |
| Vest. svyazi
(16e) | Vestnik svyazi [Communications Review] | Zhur. evol.
biokhim. i
fiziol. (13c) | Zhurnal evoliutsionnoi biokhimii i fiziologii [Journal of Evolutionary Biochemistry and Physiology] |
| Vest. vys.
shkoly
(8a) | Vestnik vysshei shkoly [Review of Schools for Higher Education] | Zhur. fiz. khim.
(13d) | Zhurnal fizicheskoi khimii [Journal of Physical Chemistry] |
| Vestsi AN BSSR.
Ser. sel'khoz.
nav. (15a) | Akademiiia nauk BSSR, Minsk. Vestsi. Seriya sel'skokhoziaistvennykh nauk [Academy of Sciences of the White Russian S. S. R. Bulletin. Series in the Agricultural Sciences] | Zhur. Mosk. Patr.
(3b) | Orthodox Eastern Church, Russian. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate] |
| Veterinariia
(15b) | Veterinariia [Veterinary Medicine] | Zhur. neorg.
khim. (13d) | Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry] |
| Visnyk L'viv.
un Ser. filol.
(11a) | L'viv. Universitet. Visnyk. Seriya filologichna [University. Review. Philological Series] | Zhur. nevro.
i psikh.
(14c) | Zhurnal nevropatologii i psikhiiatrii [Journal of Neuropathology and Psychiatry] |
| Vnesh. torg.
(5a) | Vneshniaia torgovlia [Foreign Trade] | Zhur. ob.
khim. (13d) | Zhurnal obshchei khimii [Journal of General Chemistry] |
| Voen.-ist. zhur.
(4a) | Voenno-istoricheskii zhurnal [Military History Journal] | Zhur. prikl. khim.
(16c) | Zhurnal prikladnoi khimii [Journal of Applied Chemistry] |
| Voen.-med. zhur.
(14a) | Voenno-meditsinskii zhurnal [Journal of Military Medicine] | Zhur. tekhn.
fiz. (16a) | Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics] |
| Voen. znaniia (17a) | Voennoye znaniiia [Military Knowledge] | Zool. zhur.
(13c) | Zoologicheskii zhurnal [Zoological Journal] |

SUBJECT INDEX TO MONOGRAPHS AND PERIODICALS

ACTH

Effect of adrenocortical hormones of the hypophysis (ACTH) on the posttraumatic regeneration of the skeletal muscle tissue. T. M. Kovalenko. *Arkh. anat., gist. i embr.* 49 no. 7:36-42. JI '65.
Effect of corticosteroids and ACTH on the hypophysis-adrenal cortex system. N. A. Rudaev. *Vest. AMN SSSR* 20 no. 10:3-12. '65.

ACTH—PHYSIOLOGICAL EFFECT

Effect of ACTH on the development of hypercholesterolemia in starving rabbits. I. E. Pulin. *Vop. med. khim.* 11 no. 1:75-81. Ja-I' '65.

ABDOMEN—FOREIGN BODIES

Some anomalies of mitotic cell division on the surface of a foreign body in the abdominal cavity. L. L. Gol'tsman. *Arkh. pat.* 27 no. 8:72-74. '65.

ABDOMEN—HYDATIDS

Diagnosis of echinococcosis of the abdominal cavity. B. L. Ponenkov, A. F. Fika. *Klin. khir.* no. 2:65-69. '65.

ABDOMEN—INNERVATION

Disorder of the function of the hypogastric plexus caused by a bullet wound. B. I. Novikov. *Trudy Vor. med. inst.* 51:188-189. '63.

ABDOMEN—SURGERY

Diagnostic role of puncture biopsy on the surgical table in diseases of abdominal organs. A. F. Lobko. *Sov. med.* 28 no. 3:36-40. Mr '65.

ABDOMINAL AORTA—DISEASES

Clinical aspects of blood circulation disorders in the abdominal aorta. K. F. Kanaevskii, I. S. Kurilenko. *Zhur. nevr. i psikh.* 65 no. 10:1408-1501. '65.

Conservative therapy of thromboembolism of the abdominal aorta near the bifurcation. R. L. Kleis. *Kardiologia* no. 3:80. '65.

ABELIAN CATEGORIES

Derived functors. Kh. N. Innanidze. *Soob. AN Gruz. SSR* 30 no. 3:627-643. S '65.

ABELIAN GROUPS

Maximum Abelian subgroups of a group of formal-analytic transformations. P. A. Ivanov. *Vest. LGU* 20 no. 10:32-37. '65.

S-isomorphisms of mixed Abelian groups of rank $r-1$. N. V. Loko. *Sib. mat. zhur.* 8 no. 5:1053-1057. S-O '65.

ABERDEEN-ANGUS CATTLE

Effect of productivity of the Estonian Red cattle and its crosses with the Aberdeen-Angus breed. V. P. Fladotau. *Vest. AN SSSR. Ser. sel'sk. nauk.* no. 3:84-89. '65.

ABKHAZIA—MICROPALAEONTOLOGY, STRATIGRAPHIC

Significance of organic microfossils for the stratigraphy of Lower Cretaceous and Cenomanian sediments as revealed by a study in the Abkhazian part of the Georgian block. I. V. Chubinskaya. *Soob. AN Gruz. SSR* 30 no. 3:621-626. S '65.

ABKHAZIA—TYROGLYPHIDAE

Tyroglyphid ticks of the subtropical zone of the Abkhazian A. S. S. R. (Acarina, Tyroglyphidae). G. Sh. Kadzhaia. *Soob. AN Gruz. SSR* 30 no. 1:181-190. JI '65.

ABLATION (AEROTHERMODYNAMICS)

Steady shape of the ablation of solids in a plane identical flow. V. A. Maksimov. *Izv. AN SSSR. Mekh.* no. 5:7-10. S-O '65.

ABNORMALITIES (ANIMALS)

Teratogenic effect of the antileukemic drug myelosen (milleran) on rat embryos. V. A. Aleksandrov. *Arkh. anat., gist. i embr.* 49 no. 7:87-94. JI '65.

ABNORMALITIES (PLANTS)

Rare case of a multiple stem in common ginseng (*Panax ginseng* C. A. Mey.). I. I. Kropotova. *Russ. res.* 1 no. 3:414-415. '65.

Teratology of the flower of "Tajik seedless" mulberry (*Morus alba* L.). A. A. Nikitina. *Bot. zhur.* 50 no. 8:1132-1133. Ag '65.

ABORTION

Vascular reflexes in threatening abortion and their changes under the effect of biotin and caffeine therapy. R. I. Brodskii. *Akush. i gin.* no. 1:35-41. '65.

ABOVIAN, KHACHATUR, 1801-1848

Kh. Abovian and the czarist censorship. V. Dzh. Kazarian. *Izv. AN Arm. SSR. Obshchestv. nauki* no. 9:49-62. '65.

ABSORPTION

Diffusion coefficients determined by the absorption method from the average displacement. V. I. Spitsyn, V. S. Arakellian. *Dokl. AN SSSR* 164 no. 1:861-867. O '65.

Geographic distribution of auroal-type absorption according to data of vertical sounding of the ionosphere. A. S. Bespyozvannala. *Probl. Arkt. i Antark.* no. 20:68-74. '65.

ABSORPTION (PHYSIOLOGY)

Absorption activity of roots under various conditions of aeration. A. M. Grodzinski. *Agrokhimia* no. 10:101-107. O '65.

Absorptive activity of the intestine and stomach in water and general starvation. R. O. Paltovberg, L. I. Frolova. *Fiziol. zhur. [Ukr.]* 11 no. 4:453-469. JI-Ag '65.

Effect of microwaves on the absorptive capacity of the synovial membrane of the knee joint following the section of the spiral cord. M. I. Aitsen. *Fiziol. zhur. [Ukr.]* 11 no. 4:516-519. JI-Ag '65.

ABSORPTION OF LIGHT

Theory of induced absorption of light in crystals. V. M. Agranovich, L. N. Ovander. *Fiz. tver. tela* 7 no. 0:2709-2802. S '65.

ABSORPTION OILS

Hydrocracking of absorption oils. I. A. R. Katschashvili, E. I. Elbert. *Khim. i tekhn. topl. i masel* 10 no. 10:8-11. O '65.

ACADEMIC DISSERTATIONS see Dissertations, Academic

ACADEMY OF SCIENCES OF THE U. S. S. R.

Polymers are born here. N. Bolgarov. *Agintor* 33 no. 10:12-44. My '65.

ACARIANS

New occurrence of *Ophiocara* in the U. S. S. R. D. A. Krivolinski. *Zool. zhur.* 44 no. 9:1413. '65.

ACCADIANS (SUMERIANS) see Sumerians

ACCELEROMETERS

Increasing the sensitivity of a wire accelerometer. I. U. M. Tsodikov. *Izv. vya. ucheb. razv. prib.* 8 no. 5:103-109. '65.

ACCENTORS (BIRDS) see subdivision under Barsa-Kof'men Island; Tien Shan

ACCLIMATIZATION see subdivision under Transbaikalia

ACCLIMATIZATION (PLANTS) see subdivision under Ukraine

ACCOUNTING

(see also subdivision under Kiev, United States)

Accounting for the tools of one's own production. A. Borodkin. *Bukhg. uch. et* 22 no. 8:34-37. S '65.

Bring order to the keeping of instruction materials. L. Kurzinov. *Bukhg. uch. et* 22 no. 8:47-57. S '65.

Daily accounting control. N. Dolukha. *Bukhg. uch. et* 22 no. 9:18-20. S '65.

In the Ministry of Finance of the U. S. S. R. *Bukhg. uch. et* 22 no. 9:77. S '65.

Organization of operational analysis. A. Aksenenko. *Bukhg. uch. et* 22 no. 8:26-30. S '65.

Original documents are the basis of accounting. I. A. Sokolov. *Bukhg. uch. et* 22 no. 8:54-55. S '65.

Review of newspapers. *Bukhg. uch. et* 22 no. 9:62-68. S '65.

Suggestions of our readers. *Bukhg. uch. et* 22 no. 8:56-61. S '65.

ACCOUNTING—STUDY AND TEACHING see subdivision under Dnieper Economic region

ACCOUNTING MACHINES

Economic substantiation of the mechanization of the original accounting for production. A. U. Karmayev. *Trudy KAI* no. 8:36-44. '64.

Mechanization of the standardized accounting in enterprises. O. Sankian. *Prom. Arm.* 8 no. 7:23-24. JI '65.

Mechanized accounting. M. I. Nov. *NTO* 7 no. 10:37-39. O '65.

ACCUSATION see Indictments

ACENAPHTHENE

Production of 2,6-naphthalenedicarboxylic acid from acenaphthene derivatives. I. U. M. Tolstov, N. D. Rus'yanova, P. I. Shashunin. *Koks i khim.* no. 8:33-37. '65.

ACENAPHTHYLENE

Chemistry and technology of the production of acenaphthylene. L. P. Stoltarenko, L. D. Gurban. *Koks i khim.* no. 8:46-49. '65.

ACENES—ELECTRIC PROPERTIES

Synthesis and electrophysical properties of polydiphenyl-diacetylenes. B. L. Davydov and others. *Elektrokhim. i no. 7:878-880. JI '65.*

ACETALDEHYDE

Gas chromatographic determination of acetaldehyde and propylene oxide impurities in ethylene oxide. R. N. Mokeeva, A. A. Tsortin. *Zav. lab.* 31 no. 0:1053-1054. '65.

ACETALS

Fluorine derivatives of polyhydric alcohols. Part 2: Tri-fluoroacetone ketals of xylitol. G. M. Zharubinski, S. N. Danilov. *Zhur. ob. khim.* 35 no. 10:1750-1758. O '65.

Fluoro derivatives of polyhydric alcohols. Part 1: Ketals of glycerol and α -chlorohydrin with trifluoroacetone. G. M. Zharubinski and others. *Zhur. ob. khim.* 35 no. 9:1620-1625. S '65.

Reactions of acetals with unsaturated ethers. L. S. Poyarov. *Usp. khim.* 31 no. 9:1489-1525. S '65.

Some conversions of alkoxyacetates and alkoxyacetoxylanes containing acetal rings. M. F. Shostakovskii and others. *Zhur. ob. khim.* 35 no. 10:1759-1763. O '65.

ACETAMIDE

Fungicidal activity of some aromatic derivatives of trichloroacetamide. I. A. Shomova, V. P. Rudavskii, I. G. Khaskin. *Mikrobiologiya* 34 no. 4:715-719. JI-Ag '65.

ACETANILIDE—PHYSIOLOGICAL EFFECT

Growth stimulation of an coma-45 induced by a preliminary injection of the tumorous tissue treated with lein 3. E. Moncey-teute-Eringano. *Vop. onk.* 11 no. 10:81-84. '65.

ACETIC ACID

Complex formation in nonaqueous solvents. Part 7: Acetic acid distribution between water and carbon tetrachloride. A. A. Chalkoranski, B. P. Nikol'skii, B. A. Mikhailov. *Radiochimia* 7 no. 5:572-575. '65.

Continuous automatic determination of the composition of exhaust gas in acetic acid production. G. Kostanin, A. Movsesian. *Prom. Arm.* 8 no. 8:20-22. Ag '65.

Equilibrium between liquid and vapor in the systems benzene - butyl acetate and carbon tetrachloride - butyl acetate. L. N. Bushmakina, B. Baldangin, P. I. A. Molodtsova. *Zhur. prikl. khim.* 38 no. 8:1417-1419. Je '65.

Interaction of α , β -unsaturated ketones with trichloroacetic acid. V. F. Lavrushin and others. *Zhur. ob. khim.* 35 no. 9:1594-1598. S '65.

Interaction of α , β -unsaturated ketones with trichloroacetic acid. V. F. Lavrushin and others. *Zhur. ob. khim.* 35 no. 10:1730-1734. O '65.

Natural gasoline is an easily available and cheap raw material for the production of acetic acid. D. Karakaliev. *Prom. Arm.* 8 no. 8:19-10. Ag '65.

ACETIC ACID (Continued)

- Organic insectofungicides. Part 84. Interaction of trialkyl phosphites with thiol monochloroacetates. V. I. Lomakina and others. *Zhur. ob. khim.* 35 no. 1752-1759 O '65.
- Pentafluorobenzoic acid ester. A. T. Prudchenko, V. A. Barkhash, N. N. Vorozhtsov Jr. *Izv. AN SSSR Ser. khim.* no. 10 1798-1803 '65.
- Reaction of α, β -unsaturated ketones with trichloroacetic acid. Part 2. V. N. Tolmachev, O. F. Bobrov, V. F. Lavushin. *Zhur. ob. khim.* 35 no. 1841-1841 O '65.
- Separation of mixtures of acetic and nitric acids. A. F. Frolov, M. A. Logunova, B. F. Ustavshchikov. *Zhur. prikl. khim.* 35 no. 6 1386-1389 Je '65.
- Thermal stability of the chelate compounds of ethylenediaminetetraacetic acid with cations of some metals. L. V. Petrova, F. M. Iakimets. *Teploenergetika* 12 no. 10 23-25 O '65.

ACETONE

- Fluoro derivatives of polyhydric alcohols. Part 1. Ketals of glycerol and α -chlorohydrin with trifluoroacetone. G. M. Zarubinski and others. *Zhur. ob. khim.* 35 no. 9 1620-1625 S '65.
- Synthesis and electrophysical properties of polymers obtained by the polycondensation of acetone and 4,4'-diacetyl-p-terphenyl with tetrakis(hydroxy)aldehyde. T. N. Lebedeva and others. *Soob. AN Gruz. SSR* 39 no. 1 75-79 Ji '65.

ACETONEMIA

- Free amino acids in the blood of cows with ketosis. V. M. Koropov, N. I. Peredereev. *Veterinariia* 42 no. 10 55-56 O '65.
- Ketosis in cows. S. I. Smirnov. *Veterinariia* 42 no. 10 52-54 O '65.

ACETONITRILE

- Telomerization of ethylene by aliphatic acids and acetonitrile. S. N. Aminov, A. B. Terent'ev, R. Kh. Freidlin. *Izv. AN SSSR Ser. khim.* no. 10 1855-1860 '65.

ACETOPHENONE

- Extraction of zirconium and hafnium from hydrochloric acid solutions by acetophenone. N. I. Gul'perin, and others. *Izv. vyz. ucheb. zav. i khim. i khim. tekhn.* 8 no. 3 402-406 '65.

ACETYLATION

- Significance of acetylation and oxidation in the inactivation of preparations of isonicotinic acid hydrazide. G. V. Smirnov. *Vop. med. khim.* 11 no. 1 59-58 Ja-F '65.

ACETYLCHOLINESTERASE

- Characteristics of acetylcholinesterase activity in antagonistic muscles in dog ontogeny. P. B. Penchev. *Biol. eksp. biol. i med.* 60 no. 9 24-27 S '65.
- Separation, partial purification, and some properties of acetylcholinesterase from erythrocytes of cattle. D. L. Pevzner. *Biochimika* 30 no. 5 980-985 S-O '65.

ACETYLENE

- Fireguard for high-pressure acetylene. I. I. Strizhevskii, V. F. Zakaznov. *Bezop. truda i prom.* 9 no. 8 48-50 Ag '65.
- Ignition energy of pure acetylene and its mixtures with air under high initial pressures. B. A. Ivanov, S. M. Kogarko. *Nauch.-tekhn. probl. gor. i vyzryva* no. 2 105-108 '65.
- Kinetics of the thermal decomposition of methane. G. V. Gulyaev, L. S. Polak. *Kin. i kat.* 6 no. 3 390-405 My-Ju '65.

ACETYLENE COMPOUNDS

- Addition of organoboron compounds to 1,3-enyne hydrocarbons. V. V. Markova, V. A. Kormer, A. A. Petrov. *Zhur. ob. khim.* 35 no. 9 1689-1672 S '65.
- Dipole moments of certain acetylene derivatives of phosphorus. G. M. Bogolubov, K. S. Mingaleva, A. A. Petrov. *Zhur. ob. khim.* 35 no. 9 1566-1570 S '65.
- Hydrogenation of dimethylethylenylacetal in the presence of alkali metal cations. A. M. Sokol'skaia, S. A. Riabinina, D. V. Sokol'skii. *Elektrokhimika* 1 no. 9 1098-1103 S '65.
- Infrared spectra of some diacetylene organosilicon compounds. M. F. Shostakovskii, N. I. Shergina, N. V. Komarov. *Zhur. ob. khim.* 35 no. 9 1650-1654 S '65.
- Interaction of acetylene and acetylene compounds with amines and ammonia. L. A. Cherkasova, L. V. Kondratieva. *Usp. khim.* 34 no. 9 1583-1608 S '65.
- Silicon-containing acetylenic enamines. A. A. Petrov, I. A. Maretnina, K. S. Mingaleva. *Zhur. ob. khim.* 35 no. 10 1720-1723 O '65.
- Studies in the synthesis and transformations of oxygen-containing organic and organosilicon compounds. Part 22: Synthesis of organic and organosilicon trichloroacetals and half esters of chloral hydrate of the acetylene series. I. A. Shikhiev, M. I. Aliev, B. G. Ilusov. *Zhur. ob. khim.* 35 no. 9 1654-1657 S '65.
- Synthesis and some conversions of primary γ -silicon acetylene mercaptans. N. V. Komarov and others. *Zhur. ob. khim.* 35 no. 10 1763-1767 O '65.
- Synthesis and study of functional organosilicon compounds with a hydrocarbon bridge between silicon atoms. Part 7: Certain properties of acetylenic hydrocarbons with ethylene and phenylene bridges between silicon atoms. V. P. Kuznetsova and others. *Zhur. ob. khim.* 35 no. 9 1636-1639 S '65.

- Vibrational spectra of some organotin acetylenic compounds. M. F. Shostakovskii and others. *Zhur. ob. khim.* 35 no. 10 1768-1770 O '65.

ACETYLENE GENERATORS

- Increasing the safety in acetylene production. I. I. Strizhevskii. *Svar. prom.* no. 10 41-42 O '65.
- Model of a reactor for the production of acetylene from natural gas. A. Ambartsyan and others. *Prom. Arm.* 8 no. 7 27-29 Ji '65.

ACETYLIDES

- Preparation of complex aluminum acetylides of the type $\text{MAIR} \cdot (\text{C}\equiv\text{CH})_n$ and their solvates. L. I. Zakhar'kin, V. V. Gavrilenko, L. L. Ivanov. *Zhur. ob. khim.* 35 no. 9 1676-1680 S '65.

ACHAEMENIDS

- "The history of Persia" by Ctesias and the Central Asian satrapies of the Achaemenids of the end of the 5th century B.C. P. Iankov. *Vest. drev. ist.* no. 2 35-50 '65.

ACHISAY (KAZAKHISTAN)—MINING ENGINEERING

- Marginalisay minerals. I. U. Lenchevskii, NTO 7 no. 10 70-34 O '65.

ACIDOPHILUS MILK see Milk, Acidophilus

ACIDS

- Increasing the yield of volatile acids from black liquor. M. N. Letonmaki and others. *Bum. prom.* no. 9 19-20 S '65.

ACIDS, EFFECT OF RADIATION ON

- Effect of the admixtures of iron salts on the processes of photolysis and radiolysis of hydroxy acids. T. S. Glikman, V. A. Kalishchuk, V. P. Sosnovskaya. *Zhur. ob. khim.* 35 no. 9 1530-1534 S '65.

ACIDS, FATTY

- Determining the content of ether additives in fatty acid alkylamides. O. F. Kostenko, I. A. Korlov. *Maslozhit. prom.* 31 no. 7 41-42 Ji '65.
- Effect of the evaporation of water and monoethanolamine on the condensation of the latter with fatty acids. M. A. Kamyshian. *Izv. vyz. ucheb. zav. i khim. i khim. tekhn.* no. 5 111-113 '65.
- Heat of formation and heat of combustion of saturated fatty acids. F. S. Omel'chenko. *Maslozhit. prom.* 31 no. 7 23-24 Ji '65.
- Telomerization of ethylene by aliphatic acids and acetonitrile. S. N. Aminov, A. B. Terent'ev, R. Kh. Freidlin. *Izv. AN SSSR Ser. khim.* no. 10 1855-1860 '65.
- Ways to substitute synthetic fatty acids for natural acids. P. N. Miloserdov and others. *Maslozhit. prom.* 31 no. 10 17-19 O '65.

ACIDS, ORGANIC

- Analysis of dicarboxylic acids by paper chromatography. B. F. Kuvshinov, N. S. Istantov. *Zhur. anal. khim.* 20 no. 8 876-879 '65.
- Effect of carboxylic acid additions on the processes of liquid phase oxidation. K. A. Cheval'skii and others. *Zhur. prikl. khim.* 38 no. 6 1373-1380 Je '65.
- Effect of organic acids on the growth of *Pseudomonas liquefaciens* and the synthesis of free intracellular amino acids. V. N. Shaposhnikov, I. G. Orlova. *Mikrobiologiya* 34 no. 4 602-610 Ji-Ag '65.
- Esters of polyvinylene glycol and aromatic acids. M. G. Kravtsov, S. I. Klonin, S. S. Skorokhodov. *Vysokom. soed.* 7 no. 9 1675-1678 S '65.
- High-frequency titration of dicarboxylic acids in a dimethylformamide medium. A. P. Kishkov, L. N. Bykova, O. F. Firtulova. *Zhur. anal. khim.* 20 no. 8 840-844 '65.
- Organic acids of black liquors from the sulfate wood pulp production. N. F. Koshchikov, L. G. Piliulina, T. A. Selivanova. *Zhur. prikl. khim.* 38 no. 6 1337-1339 Je '65.
- Sugar compounds with organic acids in dormant and germinating corn and wheat seeds. S. V. Soldatenkov and others. *Fiziol. rast.* 12 no. 3 457-462 My-Ju '65.

ACIDS, ORGANIC—ANALYSIS

- Analysis of aliphatic dicarboxylic acids obtained by the oxidation of vat residues. D. S. Koloskiuk, B. S. Grinenko. *Maslozhit. prom.* 31 no. 7 24-27 Ji '65.

ACOUSTIC NERVE

- Myelination of the central auditory path in postnatal ontogeny in rabbits. N. I. Dmitrieva. *Zhur. evol. biokhim. i fiziol.* 1 no. 5 459-465 S-O '65.

ACOUSTICAL MATERIALS

- Soundproofing materials and elements. E. N. Fedoseev, G. L. Osipov. *Stroitel. mat.* 11 no. 10 28-30 O '65.

ACQUISITIONS (LIBRARIES)

- (see also subdivision under Orel Province)
- [New foreign books; catalog of new acquisitions] Nov. inostr. knigi; kat. nov. poslug. no. 9 '65.

ACRIDINE

- Dark inactivation of T-phages by acridine dyes. V. K. Ravin. *Biofizika* 10 no. 5 874 '65.

- Spectrophotometric study of ethacridine disubstitution. P. N. Ivakhnenko, K. N. Bagdasaryan. *Apt. delo* 14 no. 1 38-41 Ja-I '65.

ACRIFLAVINE

- Morphological and cytological changes in some algae species under the influence of ethacridine, ethacridine-cycline, and trypanthine. L. M. Geiselman. *Mikrobiologiya* 34 no. 5 851-857 S-O '65.

ACROMEGALY

- Significance of radioisotope examination of the thyroid gland for the selection of treatment of acromegaly. E. N. Mozhikova, I. D. Kuchanova. *Med. rad.* 19 no. 9 16-20 S '65.

ACRYLAMIDE

- Application of polyacrylamide in the purification and clarification of sewage water from grain washing. P. G. Demidov, O. V. Toudil'ev. *Izv. vyz. ucheb. zav. i khim. i khim. tekhn.* no. 5 128-133 '65.
- Combined treatment of wine with bentonite and polyacrylamide. P. M. Mal'tsev, E. P. Natusa. *Izv. vyz. ucheb. zav. i khim. i khim. tekhn.* no. 5 119-121 '65.
- Using polyacrylamide as a brightener in zinc plating. V. S. Kuzub and others. *Vest. mashinost.* 15 no. 7 65-67 Ji '65.

ACRYLIC ACID

- Copolymerization of methyl acrylate with styrene and acrylonitrile in triethylamine solution. N. N. Rozovskii, A. P. Shchepkin, A. D. Abkin. *Vysokom. soed.* 7 no. 9 1500-1503 S '65.
- Radiation copolymerization of allylamine with acrylate and methacrylic acid. E. F. Shcherbina, I. P. Budnikova. *Vysokom. soed.* 7 no. 9 1549-1553 S '65.
- Reaction of aminocyclized transfer RNA with polyacrylic acid in the presence of water-soluble carbodiimide. D. G. Kuznetsov, I. P. Naumova, I. S. Soudakova. *Biochimika* 30 no. 5 984-988 S-O '65.
- Reaction of oxazoles with acrylic acid. G. I. A. Koshchikova, Khuan Chih-chen [Huang Chih-chen]. *Dokl. AN SSSR* 164 no. 4 816-819 O '65.

ACRYLONITRILE

- Copolymerization of methyl acrylate with styrene and acrylonitrile in triethylamine solution. N. N. Rozovskii, A. P. Shchepkin, A. D. Abkin. *Vysokom. soed.* 7 no. 9 1500-1503 S '65.

ACRYLONITRILE POLYMERS

- Some chemical properties of cross-linked polyacrylonitrile fibers. G. I. Kudryavtsev and others. *Khimiya volokna* no. 5 13-15 '65.
- Synthesis of graft copolymers of cellulose and polyacrylonitrile in the presence of the oxidation-reduction system cellulose - Fe^{2+} - H_2O_2 . Part 2: Effect of the initial conditions on the polymerization coefficients of polyacrylonitrile and on the degree of conversion of cellulose. A. A. Gutina, R. M. Litvinchuk, Z. A. Il'gova. *Vysokom. soed.* 7 no. 9 1520-1531 S '65.

ACTINOMETRY—OBSERVATIONS

- [Actinometric monthly] *Actinometr. ozhom.* no. 1 1 '63, publ. '65; no. 1 Ja, Mr-Ji '64, publ. '65.

ACTINOMYCES

- (see also subdivision under Kiev region)
- Actinomycetes of the chromogen group. I. M. Zenova. *Mikrobiologiya* 34 no. 6 808-813 S-O '65.
- Actinomycetes of the root system of the apple tree. E. T. Litovchenko, L. D. Kuluzhina, I. G. Koshchikova. *Mikrobiologiya* 34 no. 5 876-882 S-O '65.
- Antagonistic properties of actinomycetes isolated from the rhizosphere of various plants. G. Shchekova, I. G. Koshchikova, N. S. Ivanov. *Mikrobiologiya* 34 no. 5 881-875 S-O '65.
- Comparative physicochemical characteristics of high polymer decarboxylic acids in actinomycetes and *Bacillus brevis*. B. P. Matulok, A. A. Shchukina, N. I. Pavlenko. *Mikrobiologiya* 34 no. 4 590-597 Ji-Ag '65.
- Identification of the antibiotic H60 produced by actinomycetes from the Actinomycetes griseus group. N. V. Bogdanova and others. *Antibiotiki* no. 3 194-201 '65.
- Studies on the effect of the conditions of fermentation on the production of oxytetracycline derivatives by Actinomycetes rimosus cultures. N. V. Orlova, N. M. Smolenskaya. *Antibiotiki* no. 3 210-217 '65.

ACTINOMYCES—CULTURES AND CULTURE MEDIA

- Characteristics of actinomycetes, in inhibition of the growth of the tissue culture of malignant tumors. I. I. Kuluzhina, A. P. Frolov. *Mikrobiol. zhur.* 27 no. 5 10-16 '65.
- Characteristics of the lysogenic culture of Actinomycetes sphaeroides strain 35 producing novobiocin and its temperate actinophages. I. A. Rautenbach and others. *Mikrobiologiya* 34 no. 5 828-834 S-O '65.
- Cytological study of cooperative growth of biochemistry deficient Actinomycetes rimosus variants on an agar medium. G. R. Mikhailova. *Mikrobiologiya* 34 no. 4 643-647 Ji-Ag '65.
- Dehydrogenase activity in the Actinomycetes fradiae culture. G. A. Pansikova, M. M. Levikov. *Mikrobiologiya* 34 no. 5 781-786 S-O '65.

ACTINOMYCETES—CULTURES AND CULTURE MEDIA

(Continued)

- Effect of phosphorus on the development and metabolism of *Actinomyces*. *Fiziol. zhur.* 12, A. N. Meshkov, O. Z. G. Shovkova, M. M. Levitov. *Mikrobiologiya* 34 no. 4:611-616 *Jl-Ag* '65.
- Effect of physical and chemical factors on local strains of actinomycetes, the antagonists of cotton wilt. K. P. Bikhunova. *Uzb. biol. zhur.* 9 no. 5:11-17 '65.
- Production of alcohols and acids from glycerol by the culture of *Actinomyces violaceus* strain 719. M. N. Nekhterova, N. V. Tsvetova, V. E. Khizmovskaya. *Mikrobiologiya* 34 no. 5:773-780 *S-O* '65.
- Role of mutagenic factors in the selection of *Actinomyces ancofaciens*, producer of chlorotetracycline and tetracycline. S. U. Goidat. *Genetika* no. 1:106-111 '65.
- Use of dialyzed grains in *Actinomyces* cultivation. A. P. Kozhova, A. M. Brianska. *Mikrobiol. zhur.* 27 no. 5:74-80 '65.

ACTINOMYCOSIS

- Use of iodol in actinomycosis of cattle. N. Kh. Kucheruk. *Veterinariia* 12 no. 10:32 *O* '65.

ACTINOMYCIN

- Case of successful treatment of uterine chorioepithelioma with actinomycin. N. A. Voskresenskii, A. Kh. Igh. no. 2:139-140 '65.
- Biological activity of the complex actinomycin D-DNA of the bacteriophage T₂. I. B. Mokhov, G. E. Dobutsov. *Biokhimiya* 10 no. 5:880-882 '65.

ACTINOMYCIN—PHYSIOLOGICAL EFFECT

- Multiplication of the Venezuelan equine encephalomyelitis virus in cells treated with actinomycin D. F. I. Eshov, V. M. Zhdanov, A. A. Tsareva. *Antibiotiki* no. 3:250-256 '65.

ACTIVATED CARBON see Carbon, Activated

ACTIVATION ENERGY

- Multiplication of the energy of an activated complex of radical reactions. P. B. Molin, K. I. Pat. 6 no. 3:543-546 *My-Je* '65.
- Theory of electrolysis on a laminated electrode in the case of mixed kinetics. L. P. Kholpanov. *Zhur. fiz. khim.* 39 no. 9:2270-2273 '65.
- Use of the comparative calculation method for determining the activation energy and diffusion coefficients of elements in the solid state. L. P. Ruzinov, G. N. Dubinin. *Zhur. fiz. khim.* 39 no. 9:2284-2288 '65.

ACTIVITY COEFFICIENTS

- Activity coefficients in multicomponent systems. Part 3: Calculation of the activity coefficients of uranyl nitrate in aqueous solutions of magnesium, calcium, strontium, and zinc nitrates. V. M. Vdovenko, M. A. Riazanov. *Radiofizika* 7 no. 5:545-553 '65.
- Activity coefficients of sodium and cesium chlorides in a mixture of formamide with acetonitrile at 25°C. L. I. Prileeva, I. U. M. Kengler, I. U. M. Povarov. *Biokhimiya* 10 no. 7:822-827 *Jl* '65.

ACTOMYCOSIS

- Effect of camptothecin on the contractile and enzymatic properties of actomyosin. I. M. Bolshakova, L. V. Pukhachova. *Zhur. evrol. biokhim. i fiziol.* 1 no. 5:385-390 *S-O* '65.

ACUTE CATARRHAL JAUNDICE see Hepatitis, Infectious

ADAGES see Proverbs

ADAPTATION (BIOLOGY)

- Adaptation of carp and rainbow trout to a varying oxygen content in water. S. V. Strel'tsova. *Izv. GosNIORKH* 56:17-26 '64.
- Adaptation of *Candida tropicalis* yeast adapted to L-arabinose. I. U. N. Karasovich, M. V. Baturina. *Mikrobiologiya* 34 no. 4:676-679 *Jl-Ag* '65.
- Soragina, L. F., and M. N. Syroechkovskaya. [Sun, air and water] *Solntse, vozdukh i voda. Izd. Z.* Moskva, Meditsina, 1955, 77 p. (Biblioteka shkol'nika).
- State of trout blood during adaptation to a varying oxygen and salt balance in water. I. N. Ostrovnova. *Izv. GosNIORKH* 56:27-36 '64.

ADAPTIVE CONTROL SYSTEMS

- Adaptive dynamic models with adjustment according to statistical data. S. V. Egorov. *Trudy MEI* no. 59:43-61 '65.
- Contribution to the theory of a simple self-oscillatory type optimizing control system. N. N. Leonov. *Avtom. i telemek. 26* no. 10:1720-1729 *O* '65.
- Features of increase reliability of discrete-type computing and controlling systems. V. B. Sveshnikov. *Trudy MEI* no. 59:245-252 '65.
- Optimal filter for an automatic optimizer. R. E. Kuzin. *Trudy MEI* no. 59:141-150 '65.
- Problems of statistical dynamics of discrete systems of automatic optimization. N. E. Madzharov. *Trudy MEI* no. 59:159-174 '65.
- Problems of the construction of adaptive control systems. N. M. Aleksandrovskii, S. V. Egorov. *Trudy MEI* no. 59:9-12 '65.

- Special features of automatic optimizers for a certain class of industrial objects. N. M. Aleksandrovskii, R. E. Kuzin. *Trudy MEI* no. 59:135-140 '65.
- Study of single-dimensional "gradient-type" automatic optimization systems with presence of interference. N. M. Aleksandrovskii, N. E. Madzharov. *Trudy MEI* no. 59:175-184 '65.
- System for feeding information to dynamic models. S. V. Egorov. *Trudy MEI* no. 59:77-84 '65.
- Use of a spectrum analyzer in a two-dimensional adaptive system. I. U. A. Baryshnikov, I. N. Pechorin. *Avtom. i telemek. 26* no. 10:1728-1736 *O* '65.
- Use of an analog computer in the construction of an adaptive system model. *Trudy MEI* no. 59:65-70 '65.

ADDISON'S DISEASE

- Clinical aspects and therapy of Addison's disease. A. I. A. I. Matosianis. *Sov. med.* 28 no. 3:119-123 *Ma* '65.
- Pregnancy and labor in Addison's disease. G. S. Syrovatka, R. G. Fildzon, A. Kh. Igh. no. 1:115-116 '65.

ADDITION REACTIONS

- Homolytic reactions of a dichlorovinyl group. R. Kh. Pridina, M. I. Khorina, V. N. Kost. *Izv. AN SSSR. Ser. khim.* no. 10:1768-1782 '65.

ADENINE

- Suppression of adenine requirement in yeast. S. G. Inge-Vechtomov. *Genetika* no. 2:22-26 *Ag* '65.

ADENOSINE PHOSPHATES

- 2', 3'-Phenylthio ester of adenosine in the synthesis of adenosine-5-monophosphate. A. M. Urkevich, I. I. Kolesnik, N. A. Pashchenko. *Dokl. AN SSSR* 164 no. 1:828-830 *O* '65.

ADENOSINE TRIPHOSPHATES

- Synthesis of ATP in calf thymus nuclei isolated and elaborated by different means. K. I. Dancheva, Bikhunova. *38* no. 5:1037-1043 *S-O* '65.

ADENOSINE TRIPHOSPHATES—THERAPEUTIC USE

- Effect of adenosine triphosphate on the course of biochemical processes in the muscles in circulatory disorders. D. L. Fordman and others. *Klin. khir.* no. 2:20-33 '65.
- Effect of intramuscular injections of adenosine triphosphate acid on the course of wound healing: experimental study. M. B. Rappoport, K. V. Mosketi, P. I. Gindunas, K. Kh. khir. no. 2:60-63 '65.

ADENOVIRUS INFECTIONS

- Pathological anatomy of adenovirus lesions of the lungs in children. A. V. Tsinzerling and others. *Akh. pat.* 27 no. 10:21-28 '65.

ADENOVIRUS

- Study of the dynamics of hemagglutinins of adenovirus in vitro. N. S. Machenko. *Mikrobiol. zhur.* 26 no. 4:70-75 '64.

ADHESION

- Adhesion of epoxy resins to glass wool. L. I. Golubenko, V. M. Demekina. *Plast. massy* no. 10:35-36 '65.
- Effect of vulcanization on the stripping resistance of filled rubber stocks and on elastomer to filler adhesion. S. M. Ignatovskaya and others. *Vysokom. soed.* 7 no. 9:1510-1514 *S* '65.
- Some aspects of the kinetics of particle adhesion in liquid media. A. D. Zimin, N. G. Kishin. *Koll. zhur.* 27 no. 5:685-689 *S-O* '65.
- Some factors determining the formation of chemical bonds on the boundary of adhesive-substrate separation. I. I. Shumak, R. V. Uzhina, A. A. Berlin. *Kauch. i tek. 24* no. 9:23-26 '65.

- Stripping resistance of filled mixes and the adhesion of elastomer to filler as the function of the duration and temperature of elastomer-filler contact. V. G. Roevskii and others. *Vysokom. soed.* 7 no. 9:1504-1509 *S* '65.

ADHESIVES

- Heat-resistant adhesive VK-8 of increased strength and elasticity. Z. G. Ivanova, A. B. Davydov. *Plast. massy* no. 10:50-57 '65.
- Insulation of underground gas pipelines by glass fiber materials and adhesive tapes. P. Chestelnishin. *Zhuk. i kom. khoz.* 18 no. 9:25 *S* '65.
- Use of polymer materials and synthetic adhesives in public utilities. V. Denisov, L. Gombal, S. Iakovskii. *Zhuk. i kom. khoz.* 16 no. 9:12-13 *S* '65.
- Use of synthetic adhesives in power distribution systems. V. M. Khrulev. *Energetik* 13 no. 10:27-28 *O* '65.

ADIPOSE TISSUES

- Role of the panniculus adiposus in the reparative process following severe radiation injuries of the skin. L. A. Afrikonova. *Arkh. pat.* 27 no. 8:19-24 '65.

ADLER (KRASNODAR TERRITORY)—HEALTH RESORTS, WATERING PLACES, ETC.

- Light and shadow of the Adler health resort. Okhr. truda i otd. strakh. 8 no. 11:30-31 *N* '65.

ADMINISTRATION OF JUSTICE see Justice, Administration of

ADMINISTRATIVE AND POLITICAL DIVISIONS

- From the history of the studies of Slavic medieval institutions: the problem of the "zhupa" and "zhupin" in historiography. V. P. Grachev. *Uch. zap. Inst. slav.* 29:178-209 '65.

ADMINISTRATIVE LAW

- "Emergency situation" under the administrative law of imperialist countries. A. A. Zhdanov. *Izv. vys. ucheb. zav., prav.* 9 no. 1:42-50 '65.
- Moscow Universitet. *Iuridicheskii fakul'tet*. [Collection of exercises in Soviet administrative law] *Sbornik zadach po sovetskomu administrativnomu pravu*. [Moskva] Izd-vo Mosk univ., 1965 60 p.

ADMINISTRATIVE PROCEDURE

- Unsettled problems of recovery of fines imposed in administrative proceedings. O. Kolbasov. *Sov. iust.* 29 no. 12:12-13 *S* '65.

ADRENAL CORTEX

- Comparative evaluation of the adrenal cortex function in patients with adrenosilicotic tuberculosis and pulmonary tuberculosis. A. A. Kovalchuk. *Probl. tub.* no. 7:51-59 '64.
- Effect of corticosteroids and ACTH on the hypophysis-adrenal cortex system. N. A. Rudnev. *Vest. AMN SSSR* 20 no. 10:3-12 '65.
- Functional state of the adrenal cortex following ionizing radiation. B. M. Graevskaya, R. N. Shechidina. *Trudy Inst. gen.* no. 32:238-243 '65.
- Some aspects of the biosynthesis of steroid hormones in the adrenal cortex. N. A. Rudnev, N. A. Pankov. *Vest. AMN SSSR* 20 no. 10:12-24 '65.

ADRENAL CORTEX—DISEASES

- Syndrome of hypercorticism in malignant tumors of different organs. A. P. Kalinin, M. I. Balabolkin. *Vop. onk.* 11 no. 10:114-120 '65.

ADRENAL CORTEX—TUMORS

- Chemotherapy of tumors of the adrenal cortex: preparation DDD. R. A. Minnikova, T. M. Vermet. *Vop. onk.* 11 no. 10:108-113 '65.

ADRENAL GLANDS

- Effect of blood transfusion on the function of adrenal glands in peptic ulcer and some hematological diseases. G. D. Simbirskaya. *Gemat. i perel. i ovi* 1:26-29 '65.
- Methods for the study of the viability of cells of preserved hypophysis and adrenal gland. L. V. Kiselevich. *Gemat. i perel. i ovi* 1:164-168 '65.
- Microscopic and submicroscopic changes in the adrenal glands in radiation sickness caused by radioactive strontium. O. A. Khomutova. *Fiziol. zhur.* [Ukr.] 11 no. 1:501-515 *Jl-Ag* '65.
- Role of the adrenals in the development of arterial hypertension following stimulation of the cerebral cortex, experimental study. I. I. Shcherbakov. *Vop. neirokhim.* no. 5:34-40 '64.

ADRENAL GLANDS—EXCISION

- Cytochemical reaction of an epithelial regenerate to adrenalectomy combined with various hormones. A. I. Buhonova. *Nauch. dokl. vys. shkoly, biol. nauk* no. 4:81-85 '65.

ADRENALINE

- Content of adrenaline and noradrenaline in the adrenal glands in young rabbits developing normally and under the effect of insulin. E. M. Shabrova. *Fiziol. zhur.* 51 no. 7:806-813 '65.
- Transformations of catechol amines via quinoids. A. M. Ulevskiy, V. O. Ozyris, P. O. Kalman. *Ukr. biokhim. zhur.* 37 no. 5:798-804 '65.

ADRENALINE—PHYSIOLOGICAL EFFECT

- Role of calcium ions in the excretion of stimulating substances from a frog's heart under the effect of acetylcholine and adrenaline. T. G. Patinaeva. *Fiziol. zhur.* 51 no. 7:851-856 '65.

ADRENALINE METABOLISM

- Methylation problems in catechol amine metabolism. V. V. Men'shikov, T. D. Bol'shakova. *Vop. med. khim.* 11 no. 2:3-17 *Mr-Ap* '65.

ADRENOCORTICAL HORMONES

- Characteristics of corticosteroid metabolism in gynecological surgery. Z. P. Udina. *Sov. med.* 28 no. 3:66-71 *Mr* '65.
- Effect of corticosteroids and ACTH on the hypophysis-adrenal cortex system. N. A. Rudnev. *Vest. AMN SSSR* 20 no. 10:3-12 '65.
- Effect of nucleosideadenine nucleotide phosphate and glucose-6-phosphate on the formation of corticosteroids from 4C14-progesterone in slices of guinea pig adrenals. N. A. Rudnev, L. G. Barina. *Biokhimiya* 30 no. 5:913-921 *S-O* '65.
- Neurohormonal changes in diencephalic pathology. A. D. Izuta. *Fiziol. zhur.* [Ukr.] 11 no. 4:488-490 *Jl-Ag* '65.

ADRENOCORTICAL HORMONES—PHYSIOLOGICAL EFFECT

- Changes in renal vascular resistance under the effect of adrenal medullary hormones. N. P. Zakharzhovskaya. *Fiziol. zhur.* 51 no. 1:814-820 '65.

ADRENOCORTICAL HORMONES—SIDE EFFECTS

Effect of adrenalectomy, AC 111 and hydrocortisone on the development of experimental gastric ulcer. S. M. Lipshits. Biol. zhurn. 1965 no. 10 18-50 S '65

ADRENOCORTICAL HORMONES—THERAPEUTIC USE

Grouping of the evaluation of the effectiveness of various corticosteroids in the treatment of some skin diseases. V. I. Nodulin. Vest. dermat. i ven. no. 2 22-25 '65

Mechanism of anti-inflammatory effects of corticosteroids in epidemic leishmaniasis. V. I. Plotnikov. Sov. med. 28 no. 3 83-85 M '65

ADSORBENTS

Gels of organosilicon compounds. Part 3: Adsorptive and other properties of a hydrogen-silica adsorbent with a Si-H bond (polysiloxane hydride verogel). I. B. Slutskaya, G. B. Budkevich, I. E. Netmark. Koll. zhur. 27 no. 5 754-761 S-O '65

ADSORPTION

Adsorption of krypton on thermally treated platinum films. I. A. Adamov, V. D. Agodovskii, V. M. Glaznov. Koll. zhur. 27 no. 3 486-492 M '65

Adsorption of nonpolar molecules on germanium and silicon. V. P. Orlov, M. A. Shirobokov, Zhur. fiz. khim. 39 no. 9 2215-2218 S '65

Adsorption of silica gel of methylene blue from aqueous solutions. D. P. Poshkus, R. M. Kazlas-Pas. Koll. zhur. 27 no. 5 738-744 S-O '65

Adsorption of some derivatives of pentafluoro- and pentachlorobenzene at the solution-air and solution-mercury interfaces. V. A. Kuznetsov, B. B. Damaskin. Elektrokhim. 1 no. 9 1153-1156 S '65

Application of N. A. Shilov's formula for calculating the velocity of adsorption front motion in a countercurrent of sorbate and sorbent. Z. V. Griaznova, G. M. Panchenkov, S. V. Belokonev, Zhur. prikl. khim. 38 no. 6 1355-1356 Ja '65

Calculating the true adsorption of mixture components from nonelectrolyte solutions. O. G. Larionov, L. G. Tunkov, I. V. Chumov. Zhur. fiz. khim. 39 no. 9 2226-2231 S '65

Constant of the attraction interaction between adsorbed organic molecules and the factors contributing to its linear dependence on the potential. B. B. Damaskin. Elektrokhim. 1 no. 9 1123-1126 S '65

Effect of the graphitizing of channel black on the adsorption of polystyrene. E. K. Bogacheva, A. V. Kiselev, I. A. El'tev. Koll. zhur. 27 no. 5 656-660 S-O '65

Effect of the pH of the medium on the adsorption of octadecylamine acetate on potassium and sodium chlorides and sulfates. M. M. Pavlyuchenko, E. E. Litvinenko, N. P. Buzova. Dokl. AN SSSR 9 no. 8 520-522 Ag '65

Kinetics of methanol adsorption on a platinum electrode. S. S. Beskovskaya, I. B. Vasil'ev, V. S. Bogatskii. Elektrokhim. 1 no. 9 1020-1035 S '65

Structure-forming processes in aqueous suspensions of quartz as related to the formation features of an adsorption layer of a long-chain surface-active modifier. E. D. Iakubov. Dokl. AN SSSR 184 no. 5 1107-1110 O '65

Study of adsorbed molecules by the electronic impact method. A. M. Panesh, I. A. Miasnikov, Zhur. fiz. khim. 39 no. 9 2326-2327 S '65

Temperature dependence of the coefficients of separation of isotopic molecules D₂-H₂, D₂-HD, and HD-H₂ on synthetic zeolites NaA and NaX in the case of sorption under isobaric conditions. V. S. Parbuzin, G. M. Panchenkov. Dokl. AN SSSR 184 no. 4 856-859 O '65

ADULT EDUCATION see subdivision under Sukhum

ADVERTISING—BOOKS

(see also subdivision under Kazakhstan)
Together with the publishing house E. Rubinshtein. Knizh. torg. 16 no. 4 35-36 Ap '65

ADYGE LANGUAGE—WORD FORMATION

Kumakhov, Mukhadin. [Morphology of the Adyge languages, synchronic-diachronic characteristics] Morfoloĭia adygskikh iazykov, sinkhronno-diakhronnaia kharakteristika. Na'chik, Kabardino-Balkarskoe khuzhnoe izd-vo, Vol. 1. [Introduction, word structure, word formation of the parts of speech] Vvedenie, struktura slova, slovoobrazovanie chastei rechi. 1964. 1 v.

(M)

ADZHARISTAN—GOITER

Morphological characteristics of nodular goiter in endemic foci of Adzharia, I. U. T. Skhondze. Soob. AN Gruz. SSR 39 no. 3 697-704 S '65

AERIAL PHOTOGRAMMETRY

Atanas'eva, T. V. [Use of aerial methods in the mapping and studying of soils] Ispol'zovanie aerometodov pri kartirovani i issledovanii pochv. [Moskva] Izd-vo Mosk. univ., 1965. 158 p.

Generalization in the interpretation of aerial photographs. L. E. Smirnov. Vest. LGU 20 no. 10 97-106 '65

AERIAL PHOTOGRAPHY see Photography, Aerial

AERIAL PHOTOGRAPHY IN FORESTRY

[Use of aerial photographic surveying in forest engineering] Plimenenie aerofotos'emi v lesozhenezhenii. [By] G. G. Samoilovich. Moskva, Lesnaya promyshlennost', 1965. 351 p. (DNL)

AERODYNAMIC HEATING

Calculating heat transfer in the bottom area. G. I. Mal'pav. Izv. AN SSSR Mekh. no. 5 111-116 S-O '65

AERODYNAMICS

The equations of aerodynamics in the presence of binary molecular processes. B. V. Egorov, V. N. Zhigulev, V. M. Kuznetsov. Dokl. AN SSSR 161 no. 6 1219-1252 O '65

Resistance of a plane plate normally placed in a rarefied gas flow. V. A. Perepukhov. Inzh. zhur. 5 no. 5 841-853 '65

AERODYNAMICS, HYPERSONIC

Determining moments and forces acting on rotating bodies in a free-molecular flow and light flux. V. S. Gal'kin. Inzh. zhur. 5 no. 5 954-958 '65

Effect of the interaction between a dissipative and an isentropic stream on a flow in the bottom region of bodies moving with hypersonic velocity. L. I. Myshkova. Vest. LGU 20 no. 10 112-119 '65

Hypersonic flow about a flat rib foil under the angle of attack. Zh. S. Shtal'man. Izv. AN SSSR, Mekh. no. 5: 149-151 S-O '65

Magnetized blunt-nosed bodies in hypersonic gas flow. P. I. Chushkin. Mag. gdr. no. 3 67-75 '65

AERODYNAMICS, SUPERSONIC

Applying Volterra integral to the problem of the flow about a cylindrical surface with supersonic edges. A. I. Utkin. Inzh. zhur. 5 no. 5 821-829 '65

AERONAUTICAL SPORTS

(see also subdivision under Estonia, Staraya Ruza, Moscow Province)

According to the new program. B. P. P. P. Kryl. rod. 16 no. 6 8-9 Je '65

Facta, events, people. Kryl. rod. 16 no. 6 20-21 Je '65

Higher, pilots! Kryl. rod. 16 no. 6 1 Je '65

Masters of the air business. N. Balakin, S. Ignat'ev. Kryl. rod. 16 no. 6 2-3 Je '65

Prizes of the periodical "Krylia rodiny." Kryl. rod. 16 no. 6 13 Je '65

Slalom in a helicopter. L. Steklannov. Kryl. rod. 16 no. 6 10 Je '65

A sports "air battle." A. I. Izmakov, G. Plzhonkov. Kryl. rod. 16 no. 6 28 Je '65

Sports news. Kryl. rod. 16 no. 6 27 Je '65

AERONAUTICS

Air miscellany. Kryl. rod. 16 no. 6 20 Je '65

It is interesting to know this. Kryl. rod. 16 no. 6 31 Je '65

Method of sequential approximations for the solution of variational problems in flight mechanics. I. U. Z. Aleskov. Avtom. i telem. 26 no. 10 1657-1663 O '65

Such is out profession. P. Mikhailov. Kryl. rod. 16 no. 6 24-25 Je '65

AERONAUTICS—ABSTRACTS

[Air transportation] Ref. zhur. i Vozd. transp. nos. 8-10 Ag-O '65

AERONAUTICS, MILITARY—FLIGHTS

Found out the causes and then... A. Nikolichuk. Av. i kosm. 48 no. 11 48-49 N '65

AERONAUTICS, MILITARY—STUDY AND TEACHING

More interesting and animated. V. Chilingarian. Av. i kosm. 48 no. 11 71-75 N '65

AERONAUTICS, MILITARY—TECHNOLOGICAL INNOVATIONS

Experience of outstanding crew members is put into practice. V. Kovalev. Av. i kosm. 48 no. 11 43-47 N '65

AERONAUTICS IN FISHING

Guiding ships to fish schools from an airplane. M. A. Nesin. Ryb. khoz. 41 no. 9 45-47 '65

AERONAUTICS IN LUMBERING

Prospects for the use of dirigibles in the lumbering industry. V. A. Ivanov. Trudy VSNILesdrev no. 10 12-14 '64

AERONAUTICS IN METEOROLOGY

Albedo of ice in the Arctic seas according to data of aircraft observations. A. I. Bursov, N. P. Shostarikov, A. A. Timerev. Probl. Arkt. i Antark. no. 20 40-54 '65

AEROSOLS

Behavior of the neutral particle of aerosol near the interface of two media in a homogeneous electric field. V. I. Nikitenko. Zhur. fiz. khim. 39 no. 9 2170-2181 S '65

Contribution to the theory of aerosol filtration. B. P. Gupalo. Dokl. AN SSSR 161 no. 6 1139-1142 O '65

Determination of dual conditions in aerosols by the presence of lubricating oil aerosols in the air. A. P. Okonovskii, and others. Izv. vuzov, tekhn. i nauch. no. 10 39-40 S '65

Interaction between neutral aerosol particles in a homogeneous electric field. V. I. Nikitenko. Koll. zhur. 27 no. 5 741-741 S-O '65

Preparation of reproducible monodisperse aerosols with mean particle radii from 30 to 360 Å. A. G. Slutskii. Koll. zhur. 27 no. 5 705-707 S-O '65

Some problems of the evaluation of aerosol generation based on the degree of the atomization of aerosols. V. M. Tselin and others. Trudy VNIIS 21 1379-1390 '61

AEROSOLS—ELECTRIC PROPERTIES

Conductance of a thermally ionized aerosol. V. Z. Melnikov. Koll. zhur. 27 no. 5 740-740 S-O '65

AESTHETICS

(see also subdivision under Ukraine)

Reality, image, perception. N. Kabanov. Rad. lit. 9 no. 5 11-55 My '65

AESTHETICS—STUDY AND TEACHING

Materialistic aesthetics and physical education. A. P. Koldonov. Teori. i prakt. fiz. kul't. 30 no. 10 29-34 Ag '65

Some problems of aesthetic education in the period of the building of communism. V. Sokolov, N. Ushakov. Trudy MIF no. 100 121-130 '65

AFRICA—LABOR AND LABORING CLASSES

Where yesterday was slavery. Jürgen Kuczynski, Lella Zumpo. Otkh. truda i sots. str. 30 no. 10 5-7 O '65

AFRICA, EAST—BRITISH COLONIES

British colonies in Eastern Africa during the years of the Second World War. M. I. Baginski. Vop. int. 40 no. 10 89-98 O '65

AFRICA, SUB-SAHARAN—SOCIAL LIFE AND CUSTOMS

Dances of the sage N'Ganga. G. de Shives. Afr. i az. 9 no. 10 17-40 O '65

AFRICAN SWINE FEVER

Diagnosis of African swine fever by the hemadsorption reaction in leucocyte cultures. N. N. Krut'kov and others. Veterinaria 42 no. 10 10-22 O '65

AFRO-ASIAN PEOPLES SOLIDARITY see Permanent Organization for Afro-Asian Peoples Solidarity

AGARICALES see subdivision under Kraussoid Territory

AGATOV, PAVEL ANDREEVICH, 1906-

Pavel Andreevich Agatov; on his 60th birthday. Miroslavoglia 34 no. 4 740-71 Ag '65

AGED—DISEASES

Characteristics of the clinical course of bacterial dysentery in relation to age-related reactivity, clinical aspects of dysentery in senility. N. I. Pukonov. Sbor. nauch. i med. TashGMI 22 179-181 '63

Exogenous causes in the development of psychosis in old age. V. N. Anipov. Sbor. nauch. i med. TashGMI 22 488-497 '62

AGGREGATES

Equivalence of ordinary derivatives of numbers and derivatives of numbers relative to congruence modulo a certain class. G. Kh. Shindlovskii. Izv. AN SSSR matemat. 20 no. 5 987-990 '65

Generalized differentiation of additive functions of series. I. I. Gilderman. Sib. mat. zhur. 6 no. 4 727-736 Ji-Ag '65

Some remarks on ultraproducts. S. I. Kogalovskii. Izv. AN SSSR, Ser. mat. 20 no. 5 907-1004 '65

AGGREGATES (BUILDING MATERIALS)—TRANSPORTATION

Use of infrared heating elements in the transportation of aggregates under winter conditions. A. P. Vladimirov and others. Stroitel. mat. 11 no. 10 15-16 O '65

AGING

Age-related characteristics of the cerebral vessels according to serial angiographic data and their changes in intracranial tumors. A. P. Romanov, R. A. Zorina. Vop. neirokhim. no. 5 29-34 '64

Age-related characteristics of the sensitivity of tissues to the effect of hormones. V. V. Pavlovskii. Fiziol. zhur. 51 no. 7 857-862 '65

Age-related radiosensitivity of mice of various lines. I. A. Nezhnov. Trudy Inst. gen. no. 32 177-181 '65

Protein fractions of the blood serum in healthy children aged 15 days to 15 years. P. Kh. Nizam mubammadov. Sbor. nauch. i med. TashGMI 22 300-309 '62

AGRICULTURAL ADMINISTRATION

Theoretical legal problems concerning agricultural management and administration, I. V. Pavlov, *Sov. gos. pravo* 35 no. 10:10-10 O '65

AGRICULTURAL CHEMICALS

(see also subdivision under Krasnodar Territory, Virgin Territory)

Kazlinkin, G. S. [Chemistry in fish culture] *Khimiya v rybovodstve*, Moskva, Izd-vo "Znanie," 1965, 70 p., Narodnyi universitet Sel'skokhoz/laistvennyi fakul'tet, no. 11

Results of and prospects for studying the action and use of physiologically active compounds, I. V. Rikhtin, *Agronomiya* no. 8:110-159 Ag '65.

Use of trace elements in agriculture in the U.S.S.R., J. P. L. Khim v sel'khoz, 1 no. 9:2-10 S '65

AGRICULTURAL CHEMICALS—TOXICOLOGY

Krivoglas, B. A. [Clinical aspects and the treatment of intoxication by poisonous chemicals] *Khimika i tochenie intoksikatsii indokhimikatsii*, [Leningrad] Meditsina, 1965, 210 p. (Biblioteka prakticheskogo vracha) (DNLM)

AGRICULTURAL CHEMISTRY

Agricultural chemicals increase the crops, S. Gorokovskii, I. T. Shikovskii, *NTO* 7 no. 10:10-11 O '65

D. N. Prizanshnikov and the development of agricultural chemistry, 100th anniversary of his birth, J. Pelve, *Vest. AN SSSR* 35 no. 10:18-20 O '65

Fundamental problems of agricultural chemistry, P. A. Vasiluk and others, *Agronomiya* no. 8:3-10 Ag '65.

AGRICULTURAL CHEMISTRY—BIBLIOGRAPHY

(see also subdivision under Bibliography—Agricultural chemistry)

AGRICULTURAL CHEMISTRY—EXHIBITIONS

International exhibition "Chemistry in industry, construction, and agriculture" *Khimiya i nafta mashinostri* no. 9:36-37 S '65.

AGRICULTURAL CHEMISTRY—RESEARCH

Agricultural chemistry in the Academy, F. A. Iudin, *Zemledelie* 27 no. 11:80-94 N '65.

AGRICULTURAL CHEMISTRY—STUDY AND TEACHING

With concern for the future harvest, I. Lukashenko, *Sov. profsoyuz* 21 no. 2:20-21 N '65.

AGRICULTURAL COLLEGES

(see also subdivision under Moscow, White Russia)

Gutikh, G. A., A. I. Kornev, and A. N. Litvinenko, [Agricultural institutions of higher learning of the U.S.S.R.] *Sel'skokhoziaistvennye vuzy SSSR*, Moskva, Vysshaya shkola, 1965, 366 p. (MH)

AGRICULTURAL CREDIT

(see also subdivision under Ukraine)

AGRICULTURAL GEOGRAPHY

For agriculture, A. G. Chikishev, *Priroda* 54 no. 10:121 '65.

AGRICULTURAL LIBRARIES

(see also subdivision under Mogilov Province, Yamal-Nenets National Area)

AGRICULTURAL MACHINERY

Adjusting machines and implements driven by the K-700 tractor, V. Polukhinov, *Tekhn. v sel'khoz*, 25 no. 6:83-89 Je '65.

Prices for the optimal sizes of mechanized field cropping brigades, B. M. Shumilov, *Vest. AN SSSR Sel'skhoz. nauka* no. 11:7-22 '65

Methods for quality control of the performance of tractor-driven machinery, I. P. Polkanov, I. V. Lagodin, *Trudy Ulian. sel'khoz. inst.* 10 no. 2:72-84 '64.

[Problems of agricultural machinery] *Vop. zemledel', mekh.* 4 '60

Structural analysis of dust protecting devices for the bearing units of agricultural machinery, M. M. Tenenbaum and others, *Trakt. i sel'khoz. mash.* no. 8:20-32 Ag '65.

Tishchenko, A. I. [Overall mechanization of low crop cultivation, work practices of the feed production brigade of the "Obil'nyi" State Farm] *Kompleksnaya mekhanizatsiya obil'noi propashki; opyt raboty kormodobyvatskoi brigady sovkhosa "Obil'nyi" Simferopol'*, Izd-vo "Krym," 1964, 35 p. (DNAL)

AGRICULTURAL MACHINERY—ABSTRACTS

[Tractors and agricultural machinery and equipment] *Ref. zhur.* 1, *Trakt. i sel'khoz. mash.* 1, *orud.* nos. 9-10 S-O '65. *Predmetnyi ukazatel'* za 1964 g., publ. 1965.

AGRICULTURAL MACHINERY—CLEANING

Use of vibration in washing machine parts, P. V. Solovnov, *Trudy Ulian. sel'khoz. inst.* 10 no. 2:94-98 '64.

AGRICULTURAL MACHINERY—CONGRESSES

Industry-wide conference on increasing the reliability and durability of tractors and self-propelled chassis, M. A. Lakob, V. A. Rukavishnikov, *Trakt. i sel'khoz. mash.* no. 9:48 S '65.

AGRICULTURAL MACHINERY—CURRENT SUPPLY

Induction-type battery transformer as an effective solution of the problem of electric current supply to tractor-driven machinery, P. P. Botov, *Trudy Ulian. sel'khoz. inst.* 10 no. 2:104-119 '61.

AGRICULTURAL MACHINERY—DYNAMICS

Effect of running speed on the rolling resistance of a transportation unit, M. N. Razumova, *Trudy Novosib. sel'khoz. inst.* 24 no. 2:40-50 '61

Reducing dynamic stresses in the cutting parts of agricultural machinery by means of noncircular cogwheels, N. N. Bogdanov, *Trudy Novosib. sel'khoz. inst.* 24 no. 2:27-32 '63.

AGRICULTURAL MACHINERY—FUEL CONSUMPTION

(see also subdivision under Saratov Province)

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Make more extensive use of jallars, T. Dolbe, P. Bobukh, *Tekhn. v sel'khoz*, 25 no. 6:83 Je '65. Provide agriculture with industrial repair service, I. U. Skibnevskii, *Tekhn. v sel'khoz*, 25 no. 6:1-1 Je '65.

AGRICULTURAL MACHINERY—PRICES

Calculating the maximum price for agricultural machines and tractors based on test results, A. P. Kolotushkina, *Trakt. i sel'khoz. mash.* no. 9:31-31 S '65

AGRICULTURAL MACHINERY—PRODUCTION STANDARDS

(see also subdivision under Saratov Province)

AGRICULTURAL MACHINERY INDUSTRY

(see also subdivision under Ukraine) Economic effectiveness of the use of planers in the agricultural machinery industry, V. S. Anoshkevich, G. I. Borisov, *Trakt. i sel'khoz. mash.* no. 6:32-34 Ag '65.

AGRICULTURAL MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Gomel)

AGRICULTURAL MACHINERY INDUSTRY—MANAGEMENT

(see also subdivision under Tashkent)

AGRICULTURAL METEOROLOGY

(see also subdivision under Agriculture)

AGRICULTURAL PESTS

(see also subdivision under Transcarpathia)

Dairying beetle *Phlyscollia rugifrons* Germ. as an agricultural pest in the Mongolian People's Republic, A. T. Soudanov, *Trudy Kz. NILR* no. 9:255-259 '64

Palate-stalk borer *Hydroscia nicaea* Hb., S. Porpchev *Zashch. rast. ot vied i bud.* 10 no. 7:43-44 '65

AGRICULTURAL POLICY

(see also subdivision under White Russia)

Objectives of the development of agriculture in the light of the resolutions of the March Plenum of the Central Committee of the CPSU (1965), G. M. Gogomian, *Izv. AN Arm. SSR, Obshchestv. nauki* no. 9:1-12 '65.

AGRICULTURAL RESEARCH

(see also subdivision under Crimea; White Russia)

Ties between scientific institutions and production, A. A. Kornilov, *Zemledelie* 27 no. 11:6-11 N '65.

AGRICULTURAL WAGES

(see also subdivision under Crimea; White Russia)

AGRICULTURAL WORKERS

(see also subdivision under Ukraine, Voronezh Province)

Problem of young labor in Soviet agriculture, S. S. Voznesenskiy, *Mat. i soob. issl. old. inst. po izuch. SSSR* no. 35:55-100-107 '64.

V. I. Lenin's work "To the poor in the countryside," N. K. Surovskaya, *Vop. ist. KPSS* 9 no. 10:80-82 O '65.

Work clothes: supply and demand, Z. Korotkova, *Sov. profsoyuz* 21 no. 20:27-23 O '65.

AGRICULTURAL WORKERS—EDUCATION AND TRAINING

(see also subdivision under Kiev Province)

AGRICULTURE

(see also subdivision under Angara Valley; Cuba; Hlyah Valley, Kazakhstan; Mongolian; Ob' Valley; Ukraine)

Achievements in genetics in the service of agriculture, N. P. Dubinin, *Genetika* no. 1:50-68 '65. Decisions of the March Plenum should be put into practice, *Zhil. stroi.* no. 6:2 '65.

Dolarenko, A. G. [The life of the field] *Zhizn' poia.* Izd. 2, Moskva, Kolos, 1965, 60 p. (DNAL)

Give the 23d Congress of the CPSU a worthy welcome, *Zemledelie* 27 no. 11:3-5 N '65.

Intensification of Soviet agriculture, N. K. Novak-Deker, *Mat. i soob. issl. old. inst. po izuch. SSSR* no. 55:56:78-80 '64.

The party consults the people, *Sov. voia* 48 no. 17:1 Ag '64.

Publishers and bookellers, V. Petukovskii, *Sov. potreb. koop.* 9 no. 10:43-44 '65

Raising furming level is the main problem, V. D. Panin-kov, V. D. Igoev, *Zemledelie* 27 no. 9:5-11 S '65

AGRICULTURE—ABSTRACTS

[Agriculture; classed index of articles in foreign periodicals] *Sel'khoz. i slst. ukaz. st. v inostr. zhur.* nos. 9-9 '65

AGRICULTURE—BIBLIOGRAPHY

(see also Bibliography—Agriculture)

AGRICULTURE—COSTS

(see also subdivision under Crimea; Komi A.S.S.R.)

AGRICULTURE—ECONOMIC ASPECTS

(see also subdivision under Armenia)

Dzhezhayev, L. I. [Some measures for the further development of agriculture in the U.S.S.R., report presented at the Plenum of the Central Committee of the CPSU March 24, 1965. Resolution of the Plenum of the Central Committee of the CPSU approved March 25, 1965] O nekotorykh merakh po dal'neshemu razvitiyu sel'skogo khoziaistva SSSR, doklad na Plenum TsK KPSS 24 marta 1965 goda. Postanovlenie Plenuma TsK KPSS prinyatoye 25 marta 1965 goda. Moskva, Izd-vo Polit. lit-ry, 1965, 45 p. (CS-11)

Economic problems of the further development of agriculture, V. Matokovich, *Vop. ekon.* no. 6:3-13 Je '65.

How to calculate the gross income of a collective farm and the sum of deductions to be made from it, P. Smyslov, *Sots. shchep* 28 no. 11:18-21 N '65

Novokhatni, K. G. [What are the advantages of specialization? Chito dani spetsializatsii, Simferopol', Izd-vo "Krym," 1964, 28 p. (Ekonomicheskaya biblioteka truzhenika sela)]

AGRICULTURE—FINANCE

Calculating the turnover of the working capital of agricultural enterprises, P. Nizhnyayev, *Ekon. Rad.* Ukr. 8 no. 5:57-61 My '65.

AGRICULTURE—HYGIENIC ASPECTS see subdivision under Bryansk Province, Kirovskiy (White Russia), Penza Province

AGRICULTURE—LABOR PRODUCTIVITY

(see also subdivision under Crimea, White Russia) Matters to be taken care of by the rural propaganda collective, *Agitator* 33 no. 10:3-6 My '65

Village workers: align yourselves with the best; facts and figures, *Agitator* 33 no. 10:7-8 My '65.

AGRICULTURE—LABOR PRODUCTIVITY—BIBLIOGRAPHY

(see also Bibliography—Agriculture—Labor productivity)

AGRICULTURE—SAFETY MEASURES

(see also subdivision under Kirovograd Province)

[Manual on safety engineering, industrial hygiene, labor protection, and fire prevention on state and collective farms] *Spravochnik inzhenera po tekhnike bezopasnosti, proizvodstvennoi sanitarii, okhrane truda i požarnoi okhrane sovkhosa i kollektiva*, Moskva, Rossel'khozizdat, 1965, 288 p. (Izdatel'stvo sel'skogo khoziaistva) (DNAL)

AGRICULTURE—STUDY AND TEACHING

(see also subdivision under Chuvashia; Rostov Province)

Cooperation between scientists and students, A. F. Dub, *Shkola i prosv.* 9 no. 8:83-84 Ag '65.

Creative thinking of students, V. I. Malinin, *Shkola i prosv.* 9 no. 8:11-13 Ag '65.

Glorious deeds of young grain growers, B. Uspenskiy, *Prof. tekhn. obr.* 22 no. 10:36 O '65.

Group method of instruction, D. Kazakov, V. Serdlukov, G. Serdlukova, *Prof. tekhn. obr.* 22 no. 10:38-39 O '65.

On the right path, I. P. Levenchenko, *Rad. shk.* 44 no. 6:75-77 Je '65.

Students' work in student brigades, V. A. Aleksandrovskii, *Shkola i prosv.* 9 no. 10:50-52 O '65.

AGRICULTURE—TAXATION

The taxation policy in the countryside during the early years of the NTP, V. A. Tsybul'skii, *Vop. ist.* 10 no. 10:46-50 O '65.

AGRICULTURE—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Crimea; Stavropol Territory)

AGRICULTURE IN LITERATURE

About bread, the land, and our literature, L. Iakimenko, *Lit. i sovr.* no. 5:109-134 '64.

In the struggle for the truth of communism, N. Ivanovskii, *Lit. i sovr.* no. 5:135-159 '64.

AGRICULTURISTS

Agroclimatology and the district administration, M. Timoshchukin, *Zemledelie* 27 no. 10:87-70 O '65.

Fail tasks of an agronomist, *Zemledelie* 27 no. 9:3-4 S '65.

ALGAE, FOSSIL

Kopetdagaria, a new tribe of verticillate Siphonoc (green algae) V. P. Maslov, Dokl. AN SSSR 164 no. 5: 1154-1157 O '65.

ALGEBRA

Algebra and regular finite plants. N. K. Pukhachev, Izv. matemat. zhur. 5 no. 1 892-899 Zh-Ag '65

ALGEBRA—PROBLEMS, EXERCISES, ETC

Single-parameter problems for deriving equations of the first and second power. I. I. Ivanov, Uch. zap. Pskov. gos. ped. inst. no. 21 5-21 '61

ALGEBRA—STUDY AND TEACHING

Derivative and its geometrical meaning. I. E. Shteynberg, Izv. Z. I. Shepkin, Rad. shkola 11 no. 10: 99-106 O '65

Graphic illustration of the equivalence of equations (inequalities) for a secondary school algebra course. I. M. Mokhina, Uch. zap. Pskov. gos. ped. inst. no. 21 25-32 '61.

ALGEBRAIC FIELDS see Fields, Algebraic

ALGERIA—GEOLOGY, STRUCTURAL

Genesis of the most recent supra-arcual antiforms along the Dzungarian fault and their similarity to the fault-fold of the hills of Gafsa and the gash folds of Fezzan Province. V. S. Votrovich, Dokl. AN SSSR 164 no. 1 874-876 O '65.

ALGERIA—MEDICAL ASSISTANCE, RUSSIAN

The healing comes from Moscow. A. Shvakov, Az. i Afr. seg. 9 no. 10 38 O '65.

ALGICIDES

Use of polymetallic ores and their products as algicides. A. P. Terentev and others, Dokl. AN SSSR 161 no. 1 628-630 O '65.

ALGORITHMS

Algorithm for teaching an open-loop optimizing control system the correct recognition of situations. I. M. Chukhovyi, I. P. Kolesnikov, Avtomatyka 10 no. 1 14-51 '65.

Method for minimizing logical circuit of an algorithm. V. G. Lazarev, Avtom. i telemek. 26 no. 10 1876-1811 O '65.

ALIENATION (SOCIAL PSYCHOLOGY)

Olzeman, T. I. [The problem of alienation and the bourgeois legend about Marxizm] Problema otchuzhdeniya i burzhuvnaya legenda o marksizme, Moskva, Znanie, 1965 77 p. (Novoe v zhizni, nauke, tekhnike i Seriya Filosofiya, nos. 10/20)

ALIMENTARY CANAL

Absorptive activity of the intestine and stomach in water and general starvation. R. O. Fattelberg, I. I. Erolova, Fiziol. zhur. [Ukr.] 11 no. 4: 163-169 Zh-Ag '65.

ALIMENTARY CANAL—DISEASES

Changes in the cellular Golgi apparatus of the intervertebral nerve ganglia in acute gastrointestinal infections. A. A. Kulikov, Sborn. nauch. trud. TashUMI 22: 32-35 '62.

Cellulose in adults. A. M. Begak, I. G. Mikhova, Sborn. nauch. rab. vobsh. nauch.-kult. uch. posviashch. no. 1 140-143 '64.

Excretion of bile by the salivary glands in some diseases of the gastrointestinal tract. L. D. Lindematen, L. A. Rudin, Med. rad. 10 no. 9 20-23 S '65.

ALIMONY

(see also subdivision under Ukraine)

Decisions of the Plenum of the Supreme Court of the U.S.S.R. Sov. iust. 29 no. 18: 27-28 S '65

ALITE

Crystalline structure and hydration properties of tri-calcium silicate and alite. I. M. But, V. V. Timashev, V. E. Koushanskii, Izv. vuz. ucheb. zav. khim. i khim. tekhn. 8 no. 3: 453-456 '65.

ALKALI LANDS see Saline and alkali soils

ALKALI METAL ALUMINATES

Aluminothermic reduction of sodium aluminate in vacuum. S. M. Iskhakov and others, Trudy Inst. met. i obog. AN Kazakh. SSR 12 131-135 '65

Data on the mechanism of thermal decomposition and reduction of sodium and potassium hydrides. V. S. Maltsev and others, Trudy Inst. met. i obog. AN Kazakh. SSR 12: 136-142 '65.

Investigating the reducibility of alkali aluminates in vacuum. V. S. Maltsev, V. T. Pankashkin, V. D. Podumalov, Trudy Inst. met. i obog. AN Kazakh. SSR 12: 125-130 '65.

ALKALI METAL CHLORIDES

Activity coefficients of sodium and cesium chlorides in a mixture of formamide with acetamide at 25° C. I. E. Indeeva, I. M. Kessler, I. M. Poyarov, Elektr. khim. 1 no. 7: 822-827 Zh '65.

ALKALI METAL FLUORIDES

System of sodium, potassium, and lanthanum fluorides. G. A. Bukhalova, I. P. Babayeva, T. M. Khidim, Zhur. neorg. khim. 10 no. 9: 2127-2131 S '65

ALKALI METAL OXIDES

Effect of sodium and potassium oxides on the mineralogical composition of Portland cement clinker. N. A. Toropov, K. A. Dohovoi, Izv. AN SSSR. Neorg. khim. 1 no. 5 769-771 My '65.

ALKALI METAL SALTS

Hydrogenation of dimethylethylamylcarbinol in the presence of alkali metal cations. A. M. Sokol'skii, S. A. Riabinina, D. V. Sokol'skii, Elektr. khim. 1 no. 9 1698-1103 S '65

ALKALI METAL SULFATES

System Li_2SO_4 - $CaSO_4$ - H_2O at 35°C. V. G. Shevchuk, Zhur. neorg. khim. 10 no. 9: 2167-2169 S '65

ALKALI METAL SULFIDES

Series of metal stresses in solutions of alkali sulfides. B. A. Stepanov, B. A. Fomulyukh, V. N. Gureev, Izv. AN Uz. SSR. Ser. tekhn. nauk 9 no. 5 75-77 '65

ALKALI METALS

Behavior of alkali metal impurities in the crystallization of cesium salts from a melt. A. N. Kirgintsev, I. G. Avvakumov, A. I. Vukh, Dokl. AN SSSR 161 no. 6 1315-1318 O '65.

Overvoltage and mechanism of cathodic incorporation of alkali metals into solid electrodes. B. N. Kabanov and others, Elektr. khim. 1 no. 9: 1023-1028 S '65.

ALKALI METALS—ANALYSIS

Determination of sodium and potassium in titanium dioxide by flame photometry. Z. G. Frutkin, G. N. Moskovich, Zh. A. Filippova, Zav. lab. 31 no. 9 1090-1091 '65

ALKALI PROTEINASE see Trypsin

ALKALIES

Complex systems with metal hydrides. N. V. Maruf, Ikhvili and others, Sborn. AN Gruz. SSR 19 no. 1 17-21 Zh '65

Determination of microimpurities in sodium, potassium, and sodium hydroxides. M. M. Godneva, R. D. Votlanikova, Zhur. anal. khim. 20 no. 8: 831-835 '65

Problem of the recovery of alkali from sulfide waste liquids. V. S. Petelin, B. Ia. Starlaev, Zhur. prikl. khim. 38 no. 6: 1212-1216 Je '65.

ALKALINE EARTH CHLORIDES

Double layer capacity in fused alkaline earth metal chlorides. N. G. Bukov, G. N. Svalov, Elektr. khim. 1 no. 7: 880-881 Zh '65

ALKALINE EARTH SILICATES

Solid solutions of $3SiO_2$ - SiO_2 in $3CaO$ - SiO_2 and their properties. I. M. But, V. V. Timashev, V. E. Koushanskii, Izv. AN SSSR. Neorg. mat. 1 no. 5 780-783 My '65.

ALKALOIDS

Alkaloids from the rootstock of *Nardostema lacynata* Willd. DC. V. I. Glyzin, P. L. Senov, Apt. delo 14 no. 3: 28-30 Ja-F '65.

Growing the periwinkle Vinca herbacea in Pyatigorsk. D. A. Bocharova, Ras. res. 1 no. 3: 405-410 '65.

Loss of tapano group alkaloids during their isolation from biological material. O. K. Akopian, Farmateev. zhur. 20 no. 10: 80-84 '65.

Production of extracts from alkaloid-containing vegetable medicinal raw material under the effect of ultrasound. H. P. Pivnenko, O. M. Sotnikova, Farmateev. zhur. 20 no. 1: 30-42 '65

Pyrazolidine alkaloids in some ragweed species. V. S. Alkatelev, O. I. Bantkovskiy, Farmateev. zhur. 20 no. 1: 49-54 '65.

Some general problems in studying the alkaloid-bearing capacity of plants. A. A. Makarov, Ras. res. 1 no. 3 436-442 '65.

ALKANES see Paraffins

ALKENES see Olefins

ALKYLATION

Phases of a cell cycle and the mutagenic effect of alkylating compounds. N. P. Dubinin, V. K. Shcherbakov, G. N. Kessler, Genetika no. 2: 73-86 Ag '65.

Reaction mechanism of direct haloalkylation of elementary phosphorus. B. M. Gladstein and others, Zhur. ob. khim. 35 no. 9: 1578-1571 S '65.

ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see Communist Party of the Soviet Union

ALLELOPATHY

Effect of water-soluble exudates of some forest and forest wood species on one-year-old oak seedlings. M. M. Matvelev, P. O. Tymoshelev, Ukr. bot. zhur. 22 no. 4: 28-32 '65.

ALLERGY

Comparative evaluation of methods used in detecting allergy following experimental BCG vaccination. Report No. 1. I. M. Akopian, Zhur. eksp. i klin. med. 2 no. 3: 55-60 '62

Densitizing effect of streptomycin on specific hypersensitivity in experimental tuberculosis. I. Z. Mikhov, D. S. Kuznetsova, Antibiot. no. 3: 235-240 '65

Experience in experimental reproduction of allergen fungus allergy. Kh. L. Galikova, Biol. eksp. i med. i med. 60 no. 9: 78-80 S '65.

Reproduction of clinical forms of allergic reaction following sensitization with a chemical allergen. B. G. Stokanov, Vopr. AMN SSSR no. 1: 86-91 '65.

17-ketosteroid and blood proteins in allergic dermatoses. A. P. Buryta, V. G. Borovskaya, P. F. Petunin, Vopr. dermat. i ven. no. 1: 16-22 '65

Some changes in the functional state of the blood coagulation system in experimental sensitization. D. N. Malanuk, Probl. gemat. i perel. krovi no. 3: 16-19 '65.

ALLOOCIMENE

Structure of alloocimene dioxide. B. A. Arbuzov and others, Dokl. AN SSSR 164 no. 6: 1041-1043 O '65

ALLOYS

Determining the short-range order structure of liquid binary alloys. E. S. Filippov, A. M. Samarin, Dokl. AN SSSR 163 no. 1: 85-87 N '65

Phase diagrams of the ternary systems V - Ta - Nb and V - Ta - Mo. A. P. Nedelov and others, Izv. AN SSSR. Neorg. mat. 1 no. 5: 715-720 My '65.

Wear resistance of alloys used in the manufacture of gas turbines. A. I. Luysh, M. G. Morozov, Izv. vuz. ucheb. zav. i energ. 8 no. 8: 115-119 S '65

ALLOYS—ANALYSIS

Chemical phase analysis of scandium borides. M. D. Litulka, Z. S. Akhina, Zav. lab. 31 no. 9 1056-1058 '65

ALLOYS—HARDENING

Dislocation structure formed during thermomechanical treatment of alloys with a low stacking fault energy. L. S. Bushnev, T. F. Dudarev, V. I. Panin, Izv. AN SSSR. Met. no. 5: 173-179 S-O '65.

ALLOYS—TESTING

Improved apparatus for studying the resistance of alloys against abrasion at high temperatures. O. G. Chernykh, Zav. lab. 31 no. 9: 1110-1111 '65.

Relaxation strength of aging alloys. R. I. Mikhovich and others, Fiz. i matem. sci. no. 9: 17-20 S '65

ALLOYS—THERMAL PROPERTIES

Temperature dependence of elastic properties of thin-sheet aging alloys. I. A. Alekseeva and others, Fiz. i matem. sci. no. 9: 25-27 S '65

ALLUVIAL PLAINS see subdivision under Moldavia

ALLOVIUM see subdivision under Moldavia

ALLYL COMPOUNDS

Vinylpyrrolidone copolymers with allyliden dicarbonate. T. T. Minakova, F. P. Sidel'kovskaya, M. P. Shostakovskii, Izv. AN SSSR. Ser. khim. no. 10: 1880-1882 '65.

ALLYLAMINE

Physicochemical study of the interaction of anisil isothiocyanate with allyl and benzylamines. S. S. Kiriluk, I. M. Fadin, Zhur. fiz. khim. 39 no. 9: 2293-2296 S '65.

ALLYLAMINE, EFFECT OF RADIATION ON

Radiation copolymerization of allylamine with acrylic and methacrylic acid. T. P. Shcherbinin, I. P. Fedorova, Vysokom. soed. 7 no. 9 1549-1553 S '65.

ALMA-ATA—HAPTISTS

A trip to Alma-Ata. S. T. Timchenko, S. P. Fadin, Brat. vest. no. 3: 78-79 '65

ALMA-ATA PROVINCE—BEANS—IRRIGATION

Growing kidney beans in irrigated soils of Alma-Ata Province. R. A. Bobrova, Trudy Resp. opyt. sta. kart. i ovoshch. khoz. 2: 178-200 '60

ALMA-ATA PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A matter demanding constant attention. A. Kakimzhanov, Part. zhizn. no. 22: 49-51 N '65.

ALMA-ATA PROVINCE—CORN (MAIZE)

Effectiveness of stimazine and atrazine in weed control in the corn plantings of Alma-Ata Province. O. F. Faterova, Trudy Kz. NIZR 8: 116-122 '64.

ALMA-ATA PROVINCE—ONIONS

Cultivation practices in obtaining large crops of common onion in the Alma-Ata suburban zone. P. M. Drenburg, Trudy Resp. opyt. sta. kart. i ovoshch. khoz. 2: 157-164 '60.

ALMA-ATA PROVINCE—ONIONS—FERTILIZERS AND MANURES

Effect of micro- and macroelements on the yield of common onion in Alma-Ata Province. Z. Rakhimova, Trudy Resp. opyt. sta. kart. i ovoshch. khoz. 2: 165-170 '60

ALUMINUM INGOETS

Characteristics of the zone recrystallization of aluminum. V. N. Vigdorovich, I. F. Chernomordin. *Izv. vuz. ucheb. zav., tsvet. met.* 8 no. 5 95-100 '65.
Nature of the feathered structure of ingots of industrial aluminum. O. S. Buchvar, T. V. Likhina. *Izv. AN SSSR Met.* no. 5 124-131 S-O '65.

ALUMINUM-IRON ALLOYS see Iron-aluminum alloys

ALUMINUM-MAGNESIUM ALLOYS—HYDROGEN CONTENT

Investigating the supersaturated solution of hydrogen in the Al-5 alloy. V. V. Seichinikov, A. D. Rainer. *Trudy MATE* no. 64 120-131 '65.

ALUMINUM-MAGNESIUM ALLOYS—METALLURGY

Effect of inoculating the Al-5 alloy on changes in its mechanical properties in conditions of prolonged storage. M. I. Nikiforin, A. A. Tikhonov. *Trudy MATE* no. 64 106-119 '65.

Investigating the inoculation of the Al-5 alloy with small additions of zirconium, tantalum, and molybdenum. M. I. Nikiforin, V. G. Antashev. *Trudy MATE* no. 64 94-105 '65.

ALUMINUM-MAGNESIUM ALLOYS—WELDING

Welding of the Al-5 alloy. P. M. Ievlev. *Trudy LIVT* no. 60 5-11 '65.

ALUMINUM-MANGANESE ALLOYS—METALLOGRAPHY

Effect of heat treatment on certain properties and the structure of the extruded AlMg alloy. I. M. Valubiat, S. S. Korotkiy, E. B. Granovskiy. *Izv. vuz. ucheb. zav., tsvet. met.* 8 no. 5 128-130 '65.

ALUMINUM-NICKEL ALLOYS see Nickel-aluminum alloys

ALUMINUM ORGANIC COMPOUNDS see Organo-aluminum compounds

ALUMINUM OXIDE CRYSTALS—ELECTRIC PROPERTIES

Intrinsic ion conduction of polycrystalline aluminum oxide. M. N. Buznikov. *Radiotekhnika i elektronika* 10 no. 10 1915 O '65.

ALUMINUM OXIDES

Study of the chromatographic behavior of some organotin compounds in thin layers of aluminum oxide. M. Vobotskiy, V. D. Nefedov, E. N. Sinotova. *Zhur. ob. khim.* 35 no. 9 1084-1087 S '65.

Study of the sorption properties of an anodic oxide film on aluminum by the tracer method. Part 5. Effect of temperature. Sorption or dependent on the concentration of solution-filter at high temperatures. A. F. Bogolavtseva, V. T. Belov, E. M. Koryukov. *Izv. vuz. ucheb. zav., tsvet. met.* 8 no. 4 407-410 '65.

ALUMINUM-SILICON ALLOYS—ELECTRIC PROPERTIES

Electrical resistance of aluminum-silicon alloys. S. I. Spivakova, G. S. Zhdanov. *Lit. prot. v. no. 9* 30-31 S '65.

ALUMINUM SULFATE

Studying solubility in the system $\text{Se}_2(\text{SO}_4)_4\text{-Al}_2(\text{SO}_4)_3\text{-H}_2\text{O}$ at 25°. A. I. Zuzublin, G. D. Savukova. *Trudy Inst. metal. i obog. AN Kazakh. SSR* 14 15-17 '65.

ALUMINUM-TITANIUM ALLOYS see Titanium-aluminum alloys

ALUPKA (UKRAINE)—ARCHITECTURAL MUSEUMS

Alupka. Dvorets-muzei. Alupkinskiy dvorets-muzei. The Palace-Museum in Alupka. (Kiev, Gos. izd-vo "Myiststvo," 1964) 23 p. (chiefly illus.) [In Russian, English, and French]

AMALGAMATION

The structure of silver amalgams. S. A. Kuligin, R. Sh. Skhtar, I. A. Kakovskiy. *Izv. vuz. ucheb. zav., tsvet. met.* 8 no. 5 50-53 '65.

AMALGAMS

Diffusion coefficients of metals in mercury. Part I: New method for determining diffusion coefficients from the decay with time of the anodic limiting current on a hanging mercury drop. A. G. Stromberg, E. A. Zakharenko. *Elektrokhimiya* 1 no. 9 1046-1043 S '65.

Effect of the contact diameter and size of a hanging mercury drop on its active surface in the method of amalgam polarography with argon. B. F. Nazarov, A. G. Stromberg. *Elektrokhimiya* 1 no. 7 851-853 JI '65.

Increase in the sensitivity of the method of amalgam polarography with storage by the enlargement of the surface area of ammonium mercury amalgam at higher temperature in nonaqueous solutions. I. A. Kabanov, A. G. Stromberg. *Zhur. anal. khim.* 20 no. 8 769-774 '65.

Photoelectric phenomena in diluted alkali metal amalgams. V. B. Lavrov, I. I. Malev. *Dokl. AN SSSR* 104 no. 4: 846-848 O '65.

AMATEUR MOTION PICTURES

"Politekhnik," a student motion-picture periodical. A. B. Fedorov. *Vest. vuz. shkoly* 23 no. 10 60-70 O '65.

AMEBIASIS

Experience in the detection and treatment of the chronic forms of amebiasis. N. N. Bat'manov and others. *Sb. Nauch. rab. vrach. san.-kur. uch. prof. sovetov* no. 1 141-146 '64.

AMERICA—DISCOVERY AND EXPLORATION

Who discovered America after all? G. I. Anokhin. *Priroda* 54 no. 10 70-76 '65.

AMIDES

Changes in the amide group content of cerebral cortex protein in dying and resuscitation. M. S. Gaevala, E. A. Nosova, L. M. Stez. *Ukr. biokhim. zhur.* 37 no. 5 691-695 '65.

Determining the content of other additives in fatty acid alkylamides. O. F. Kostenko, I. A. Kozlov, Maslozhir. *prom.* 31 no. 7 41-42 JI '65.

Reaction of alkylidichlorophosphine oxides with carbonyl amides. S. Z. Ivin and others. *Zhur. ob. khim.* 35 no. 10 1870 O '65.

Reaction of diketene with ammonia and amides of carboxylic acids. V. I. Gumar, L. F. Ovechkin, S. I. Zay'valov. *Izv. AN SSSR, Ser. khim.* no. 10 1885-1886 '65.

AMINES

Conducting nonaqueous systems formed by noneconducting components. A. I. Kornysheva, S. P. Mikhalevich, A. A. Pustushenko. *Elektrokhimiya* 1 no. 7 800-805 JI '65.

Interaction of acetylene and acetylene compounds with amines and ammonia. I. A. Chekulaeva, L. V. Kondrat'eva. *Usp. khim.* 34 no. 9 1583-1603 S '65.

Interaction of aromatic amines with pyromellitic dianhydride. A. I. Ardashnikov. *Dokl. AN SSSR* 164 no. 6: 1293-1295 O '65.

Monoorganosilanes. Part 7: Reactivity of monorganosilanes in the interaction with amines. V. O. Reikhsfel'd, V. A. Prokhorova. *Zhur. ob. khim.* 35 no. 10 1830-1835 O '65.

Physicochemical analysis of binary liquid systems formed by amines. Part 1: Systems diphenylamine-amine. I. A. Fialkov, O. V. Chytruk, O. K. Kudra. *Zhur. ob. khim.* 35 no. 9 1523-1529 S '65.

Reactions of α -oxides. Part 7: Acid catalysis and autocatalysis in the reaction of ethylene oxide with amines. N. M. Ichedev, M. M. Smirnova. *Kin. i kat.* 6 no. 3: 457-465 My-Je '65.

Silicon-containing acetylenic enamines. A. A. Petrov, I. A. Marelna, K. S. Mingaleva. *Zhur. ob. khim.* 35 no. 10 1720-1723 O '65.

Synthesis of barane and neobarene amines. L. I. Zakhar'kin, V. N. Kalinin. *Zhur. ob. khim.* 35 no. 10 1882-1884 O '65.

AMINES—OPTICAL PROPERTIES

Stereochemical studies. Part 18: Determination of amine configuration by the rotatory dispersion method. V. M. Potapov, V. M. Dami'yanov, A. A. Terent'ev. *Zhur. ob. khim.* 35 no. 9 1539-1545 S '65.

AMINO ACID METABOLISM

Amino acid composition of blood plasma and erythrocytes in hypoparathyroidism. G. A. Shukova, G. D. Simbirtseva. *Gemat. i perel. krov.* 1:180-182 '65.

Effect of taurine and glycine on the incorporation of labeled amino acids into proteins of various parts of the central nervous system. M. G. Seifulina. *Sb. Nauch. rab. TashGMI* 22:325-329 '62.

Free amino acids in the blood of cows with ketosis. V. M. Koropov, N. I. Perederzov. *Veterinariya* 42 no. 10 55-58 O '65.

Qualitative and quantitative changes in amino acids of the blood serum in Botkin's disease. S. V. Roinsvill. *Sb. AN Gruz. SSR* 39 no. 1 57-61 JI '65.

AMINO ACIDS

Amino acid composition of a placenta hydrolyzate. R. A. Krivonozhko. *Gemat. i perel. krov.* 1:78-82 '65.

Amino acid composition of photosynthesizing bacteria. I. V. Malefeyev, V. P. Korzenko, E. N. Kondrat'eva. *Mikrobiologiya* 31 no. 5 753-755 S-O '65.

Economy of protein ingredients in mixed feeds by selecting them according to their amino acid composition. I. U. Grudusov. *Mikrolev. prom.* 31 no. 8 5-7 Ag '65.

Effect of antibiotics, neutralizing protein synthesis, on the reserve of free amino acids in cells of *Endomyces magnusii*. L. A. Shevchenko, A. T. Novichkova. *Mikrobiologiya* 34 no. 5 757-762 S '65.

Effect of aromatic and taste imparting substances on the quality of "Podmoskovny" cheese. D. A. Gontikov, A. M. Kontunina. *Izv. vuz. ucheb. zav., tsvet. met.* 8 no. 5 98-100 '65.

Effect of organic acids on the growth of *Pseudomonas liquefaciens* and the synthesis of free intracellular amino acids. V. N. Shaposhnikov, I. O. Orlova. *Mikrobiologiya* 34 no. 4: 602-610 JI-Ag '65.

Energy characteristics of the ester bond in N-acetylaminic acid esters. L. V. Kozlov, L. M. Gnedman, Biokhimiya 30 no. 5 1051-1054 S-O '65.

Incorporation of C^{14} -amino acids into isolated histones of nuclei of resting and growing liver. A. S. Konikova and others. *Biokhimiya* 30 no. 5: 809-812 S-O '65.

Relation between amino acid transformations and ammonia metabolism in the brain. P. A. Kometiant. *Ukr. biokhim. zhur.* 37 no. 5: 721-733 '65.

Seasonal changes in the amino acid composition of mulberry leaves. E. P. Akushkin. *Nauch. dokl. vys. shkoly, biol. nauk* no. 4 170-179 '65.

Spectrum of the action of visible-light induced phosphorescence of an aromatic amino acid solution irradiated with ultraviolet rays at 77°K. S. I. Aksenov, V. I. Olonev, I. A. Vladimirov. *Biokhimiya* 10 no. 5 817-818 '65.

AMINO ACIDS—SPECTRA

Infrared spectra of amino acids in a sorbed state. K. K. Kalin'chik and others. *Izv. AN SSSR, Ser. khim.* no. 10 1897-1898 '65.

AMINO COMPOUNDS

1,2-Diphenyl-1,1,2,2-tetrafluoroethane derivatives. Part 4: Amino derivatives of 1,2-diphenyl-1,1,2,2-tetrafluoroethane. L. M. Agapovskiy, V. I. Troitskaya. *Zhur. ob. khim.* 35 no. 9 1612-1620 S '65.

AMINO GROUP

Microdetermination of α -amino nitrogen in amino acids, polyphosphates, and proteins by means of gas chromatography. B. G. Belen'kiy, V. A. Orestova. *Biokhimiya* 30 no. 5 1021-1026 S-O '65.

AMINOTRANSFERASES see Transaminases

AMMINES

Catalytic action of copper ammoniate during oxidation of uranium dioxide by atmospheric oxygen. I. A. Kanyuskiy, I. V. Goncharov, V. B. Rengevich. *Radio-Khimiya* 7 no. 5 585-589 '65.

Kinetics of the formation of double ammoniates. G. A. Lazerkov, L. A. Dvinderko, M. V. Zaretskiy. *Zhur. fiz. khim.* 39 no. 9: 2169-2174 S '65.

AMMONIA

Interaction of acetylene and acetylene compounds with amines and ammonia. I. A. Chekulaeva, L. V. Kondrat'eva. *Usp. khim.* 34 no. 9 1583-1603 S '65.

Production of ammonia water on the base of carbon gas with the circular phosphate method. N. G. Bunakov and others. *Koks i khim.* no. 3: 38-40 '65.

Reaction of diketene with ammonia and amides of carboxylic acids. V. I. Gumar, L. F. Ovechkin, S. I. Zay'valov. *Izv. AN SSSR, Ser. khim.* no. 10 1885-1886 '65.

Simultaneous dehydration of n-butyl alcohol and ammonia in the presence of gumbrin. Kh. I. Arashidze, E. K. Tavakilidze. *Sb. AN Gruz. SSR* 39 no. 3: 60-67 S '65.

AMMONIA AS FERTILIZER

Nitrogen and amino acid content in rice leaves under the influence of abundant fertilization with ammonium sulfate. G. P. I. Fiziol. rast. 12 no. 3: 398-404 My-Je '65.

AMMONIA CRYSTALS—TESTING

Mechanical properties of polycrystalline ammonia under linear compression. D. N. Khol'shtin and others. *Fiz. tver. tela* 7 no. 9: 2740-2792 S '65.

AMMONIA METABOLISM

Relation between amino acid transformations and ammonia metabolism in the brain. P. A. Kometiant. *Ukr. biokhim. zhur.* 37 no. 5: 721-733 '65.

AMMONIUM COMPOUNDS

Synthesis of diguanidyl and ammonium salts of N, N'-derivatives of hexamethylenediamine. V. P. Denisenko, V. P. Rudi, E. M. Perel'. *Zhur. ob. khim.* 35 no. 10: 1743-1745 O '65.

AMMONIUM COMPOUNDS—SPECTRA

Appearance of dipole-dipole interaction in the infrared spectrum of solutions of trialkyl ammonium salts. G. S. Denisov, E. V. Ryl'nev, D. N. Suglov, *Dokl. AN SSSR* 164 no. 6: 1092-1096 O '65.

AMMONIUM FLUORIDES

Physicochemical investigation of solid phases of the system $\text{NH}_4\text{F} - \text{UO}_3 - \text{H}_2\text{O}$. A. A. Opalovskiy, S. S. Vatsanov, Z. M. Kuznetsova. *Radiochimia* 7 no. 5: 589-590 '65.

AMMONIUM SALTS

Thermochemical evaluation of capacity of inorganic salts of ammonium and hydrazine to combustion and explosion. A. A. Shidlovskiy. *Zhur. fiz. khim.* 39 no. 9: 2163-2168 S '65.

AMMONIUM SULFATE

Effect of inorganic impurities in mother liquors on the coarseness and shape of ammonium sulfate crystals. G. N. Lebedeva and others. *Koks i khim.* no. 10 39-44 '65.

Studying the hydrodynamic conditions of crystallizers for nonaqueous processes. I. M. Khanin and others. *Koks i khim.* no. 3: 47-51 '65.

AMMONIUM SULFATE—PHYSIOLOGICAL EFFECT

Studying the effect of prolonged feeding of ammonium sulfate to young cattle. N. A. Shmaranov, A. A. Pashkin, D. I. Baranova. *Khim. v sel. khoz.* 3 no. 9: 60-64 S '65.

ANGARA VALLEY—AGRICULTURE

Some problems in the study of natural geographical conditions as related to the development of agriculture in the Krasnoyarsk area of the Angara Valley. *IU, P. Mikhailov. Dokl. Inst. geog. Sib. i Dal' Vost. no. 2:21-31 '62.*

ANGARA VALLEY—FOREST ECOLOGY

Problems in phytogeography of the lower Angara Valley. *A. V. Belov, V. A. Roshin. Dokl. Inst. geog. Sib. i Dal' Vost. no. 6:51-59 '61.*

ANGARA VALLEY—IRON ORES—ANALYSIS

Possibility of using correlation analysis for determining the content of some components in the iron ores of the Angara-Slim region. *G. V. Il'inskiy, A. A. Shimenovskiy, G. V. Shimenovskiy. Izv. vyz. ucheb. zav., geol. i razv. n. no. 5:97-103 My '65.*

ANGARA VALLEY—METEOROLOGY, AGRICULTURAL

Some problems in the study of natural geographical conditions as related to the development of agriculture in the Krasnoyarsk area of the Angara Valley. *IU, P. Mikhailov. Dokl. Inst. geog. Sib. i Dal' Vost. no. 2:21-31 '62.*

ANGARA VALLEY—SOILS

Some problems in the study of natural geographical conditions as related to the development of agriculture in the Krasnoyarsk area of the Angara Valley. *IU, P. Mikhailov. Dokl. Inst. geog. Sib. i Dal' Vost. no. 2:21-31 '62.*

ANGARSK—SCHOOLS—FURNITURE, EQUIPMENT,

ETC.
Children's institutions of Angarsk. *N. Dikhlina. Detsk. vosp. 30 no. 9:85-87 S '65.*

ANGELICA

(see also subdivision under Soviet Far East)

Inhibiting effect of essential oils and coumarin compounds from *Angelica officinalis* Ledeb. fruit on seed germination. *G. A. Denisova. Rast. res. 1 no. 3:425-432 '65.*

ANGIOCARDIOGRAPHY

Angiocardiology in preoperative diagnosis of mediastinal tumors. *IA S. Ovtukh. Zhur. ob. khim. 3 no. 5:15-53 '62.*

ANGIOGRAPHY

Age-related characteristics of the cerebral vessels according to serial angiographic data and their changes in intracranial tumors. *A. P. Romanov, IU, A. Zorid, Vop. neirokhir. no. 5:29-34 '64.*

Topography of the deep cerebral veins in dilated lateral ventricles. *D. B. Bekov. Vop. neirokhir. no. 5:1-5 '64.*

ANGIOMA

Capillary cavernous angioma of the internal meniscus of the knee joint. *B. K. Neshuev. Ortop., travm. i protez. 26 no. 5:61-63 My '65.*

Cutaneous vascular formations in newborn infants. *V. I. Ponomareva. Nauch. trudy Riaz. med. inst. 11:201-207 '60.*

Embryonic angioma of the posterior mediastinum. *A. K. Lukinykh. Nauch. trudy Riaz. med. inst. 11:35-38 '60.*

Partial gigantism in diffuse hemangiomas. *V. I. Ponomareva. Nauch. trudy Riaz. med. inst. 11:200-211 '60.*

Treatment of hemangiomas of the tongue by suturing. *V. I. Ponomareva. Nauch. trudy Riaz. med. inst. 11:212-214 '60.*

ANGIOSPERMS

Culture of isolated angiosperm embryos in an artificial medium. *M. D. Ioffe, G. I. A. Zhukova. Bot. zhur. 50 no. 8:157-162 Ag '65.*

ANGIOTENSIN

Use of synthetic angiotensin II in the treatment of acute hypotensive states. *N. I. Pavlovskaya. Kardiologiya no. 3:81-86 '65.*

ANHYDRIDES

Amides and anhydrides of phosphorus acids. Part 6: Mixed acid anhydrides of trivalent and pentavalent phosphorus. Synthesis and some properties. *L. I. Mizrakh, V. P. Evdokimov, L. M. Sandulova. Zhur. ob. khim. 35 no. 10:1871-1876 O '65.*

Amides and anhydrides of phosphorus acids. Part 8: Reaction of amides of phosphorus acid with carboxylic acid anhydrides. *V. P. Evdokimov, E. K. Shlenkova. Zhur. ob. khim. 35 no. 9:1587-1591 S '65.*

Reactions of organoaluminum compounds with acyl peroxides and anhydrides. *G. A. Razuvayev, L. P. Stepovik. Zhur. ob. khim. 35 no. 9:1672-1676 S '65.*

ANICHKOV, NIKOLAI NIKOLAEVICH, 1885-1905

In memory of N. N. Anichkov. *A. P. Avtays. Priroda 54 no. 2:109 F '65.*

ANILINE

Herbicides and plant regulators. Part 43: Reaction of *N*, *N*-dimethylamidomethylphosphoryl chloride with anilines. *N. N. Melnikov and others. Zhur. ob. khim. 35 no. 10:1771-1774 O '65.*

ANIMAL GUT INDUSTRIES

Dergunova, A. A. [Processing of guts] Oshabotka kishok. 2. Izd., perer. i dop. Moskva, Pishchevaya promyshlennost', 1965. 183 p. (Uchenoe posobie dlia podgotovki kadrov massovyykh professii)

ANIMAL HEAT

Species characteristics of the thermogenesis following hypothermia in rodents. *I. A. Isaakyan, D. A. Rozhnova, I. S. Mikhalkova. Zhur. evol. biokhim. i fiziol. 1 no. 5:119-124 S-O '65.*

ANIMAL INTRODUCTION see subdivision under Aral Sea

ANIMAL LOCOMOTION

Structure of locomotor organs in the flying squirrel (*Pteromys volans* L.) as related to its gliding flight. *R. S. Pollakova, A. S. Sokolov. Zool. zhur. 44 no. 6:602-616 '65.*

ANIMAL PHOTOGRAPHY see Photography of animals

ANIMALS, HABITS AND BEHAVIOR OF

Characteristics and origin of delayed reactions in dogs. *I. S. Beritashvili, I. M. Aivazashvili, T. S. Ordzonikidze. [Trudy] Inst. fiziol. AN Gruz. SSR 11:23-36 '65.*

Correlation between the nature of behavior and reproductive function in polar fox (*Alopex lagopus* L.). *L. N. Trut. Biol. MOIP. Otd. biol. 76 no. 3:102-106 My-Ju '65.*

Zablinski, Jan. [Possibility of mutual understanding. Translated from the Polish] *Vozmozhnost' vzaimoponimaniya* [2. izd. Lodz: Gos. nauchn. izd-vo [n. d.], 186 p. illus.

ANIMALS, INFANCY OF

Morphological and cytochemical characteristics of the cells of the retina and visual cortex during the early postnatal period of the opening of the animal's eyes. *I. K. Svanidze. [Trudy] Inst. fiziol. AN Gruz. SSR 14:189-211 '65.*

ANISOTROPY

Microanisotropy of water saturated sands. *L. V. Gorelik, A. A. Patrenko. Izv. VNEG 76:289-304 '64.*

ANNEALING OF METALS

Hardening of copper-nickel alloys during recrystallization annealing and recovery during repeated deformation. *B. I. Puchkov and others. Metallofiz. i term. obr. met. no. 3:17-22 Mr '65.*

ANNIVERSARIES

Noteworthy dates. *Nar. obr. no. 10:127 O '65.*

ANORTHITE

Linear rate of growth of anorthite crystals in glass at 1400°C. *N. A. Toropov, G. V. Tigonov. Izv. AN SSSR. Neorg. mat. 1 no. 5:775-778 My '65.*

ANOXEMIA

Activity of glutathione reductase of the blood in rats under normal conditions and in oxygen insufficiency. *Kh. M. Rubina, I. A. Romanchuk. Vop. med. khim. 11 no. 1:27-31 Ja-J' '65.*

Changes in the quantity of reticulocytes in the peripheral blood under the effect of a brief hypoxia as a method for evaluating the functional state of bone marrow. *R. M. Glants, N. A. Klimkov, V. M. Petrenko. Gemot. i perel. krov. 1:175-179 '65.*

Effect of various grades of hypoxia on the sensitivity to epileptogenic agents and some functional properties of motor formations in the brain. *S. A. Dolina. Fiziol. zhur. 51 no. 7:798-805 '65.*

Hypoxia and oxidative phosphorylation in mitochondria of the various regions of the brain. *L. F. Panchenko. Nauch. dokl. vyz. shkoly. biol. nauki no. 4:74-77 '65.*

ANSERINE

Biosynthesis of anserine and carnosine and their intracellular distribution in the muscular tissue in chickens. *O. V. Dobrylina. Vop. med. khim. 11 no. 1:97-99 Ja-F '65.*

ANTAE (SLAVIC PEOPLE)

The social structure of the Antae. *O. P. Pivankov. Ukr. ist. zhur. 9 no. 8:119-121 Ag '65.*

ANTAGONISM (BACTERIA) see Antibiosis

ANTARCTIC OCEAN—ICE—TESTING

Dispersion analysis of the strength of Antarctic sea ice. *G. I. Batanov. Probl. Arkt. i Antark. no. 20:55-60 '65.*

ANTARCTIC REGIONS—ATMOSPHERE

Characteristics of the height and temperature distribution of the tropopause over central Antarctica. *N. V. Shiposh. Inform. biol. Sov. antark. eksp. no. 52:28-31 '65.*

ANTARCTIC REGIONS—BIBLIOGRAPHY

Bibliography. *Inform. biol. Sov. antark. eksp. no. 52:81-83 '65.*

ANTARCTIC REGIONS—COSMIC RAYS—MEASUREMENT

Measurements of the intensity of cosmic rays in the stratosphere over Antarctica. *S. N. Vernov and others. Izv. AN SSSR. Ser. fiz. 29 no. 10:1805-1806 O '65.*

ANTARCTIC REGIONS—GEOPHYSICAL RESEARCH

By radio from the Antarctic. *Inform. biol. Sov. antark. eksp. no. 52:69-72 '65.*

Eighth Session of the international Special Committee for Antarctic Research (S. C. A. R.). *M. M. Semov. Inform. biol. Sov. antark. eksp. no. 52:5-11 '65.*

ANTARCTIC REGIONS—HISTORY

Along the pages of historical documents on the priority of the discovery of Antarctica. *A. F. Laktionov. Probl. Arkt. i Antark. no. 20:75-83 '65.*

ANTARCTIC REGIONS—ICE

Temperature regime of the Antarctic fast ice. *G. I. Flanov. Inform. biol. Sov. antark. eksp. no. 52:40-42 '65.*

ANTARCTIC REGIONS—NO ROLEPIS

Distribution and feeding habits of the bathypelagic fish *Notolepis costalis* (Gün.) (Paralepididae). *G. A. Solianik. Inform. biol. Sov. antark. eksp. no. 52:60-62 '65.*

ANTARCTIC REGIONS—RADIO, SHORTWAVE

Some results of listening to shortwave radio stations in the Antarctic. *L. P. Superev. Inform. biol. Sov. antark. eksp. no. 52:48-50 '65.*

ANTARCTIC REGIONS—RUSSIAN EXPLORATION

Eighth Antarctic Expedition. *N. I. Tiabina. Inform. biol. Sov. antark. eksp. no. 52:15-22 '65.*

The sailing of the Tenth Antarctic Expedition. *IA. P. Koblenz. Inform. biol. Sov. antark. eksp. no. 52:68-69 '65.*

ANTARCTIC REGIONS—SOLAR RADIATION

Anomalous absorption by the polar caps. *R. G. Gachechiladze, G. M. Khocholava. Sobr. AN Gruz. SSR 39 no. 3:555-560 S '65.*

ANTARCTIC REGIONS—TEMPERATURE INVERSIONS

Inversion in the lower atmospheric layer of the Antarctic. *S. S. Gaisigov, I. N. Timofeeva. Trudy TSAO no. 68:78-91 '65.*

ANTARCTIC REGIONS—WHALES

New tables for determining the weight of Antarctic whales. *A. A. Sudakov. Ryb. khoz. 41 no. 9:65-66 '65.*

ANTARCTIC REGIONS—WINDS

Gravity wind. *T. A. Tshitovich. Trudy TSAO no. 68:67-75 '65.*

ANTENNAS (ELECTRONICS)

Flat-top switching antennas. *D. B. Zimin, A. P. Filatov, A. A. Dolbrenkov. Radiotekhnika 20 no. 5:25-31 My '65.*

Superdirectional radiation patterns of linear antennas. *P. V. Dichek, I. L. Verbitskii. Radiotekhn. i elektron. 10 no. 10:1783-1791 O '65.*

ANTHRACENE

Content of anthracene derivatives in the bark of alder buckthorn. Report No. 1. *K. L. Stukket, F. G. Smolianskaya, G. I. Zmeeva. Rast. res. 1 no. 3:369-372 '65.*

Methods for quantitative determination of anthracene derivatives in the roots of rhubarb. *A. S. Romanova, A. I. Ban'kovskii. Apt. delo 14 no. 1:74-78 Ja-F '65.*

ANTHRACITE COAL see subdivision under Ukraine

ANTHRANILIC ACID

3, 6-Endoxocyclohexanes and -cyclohexenes. Part 26: Wagner-Meerwein rearrangement in demethylation of 3, 6-endoxocyclohexanecarboxylic acid and its methyl ester. *N. S. Zefirov and others. Zhur. ob. khim. 35 no. 10:1798-1801 O '65.*

ANTHRAQUINONES

Colored polyarylates based on some dihydroxyanthraquinones. *V. V. Korshak, S. V. Vinogradova, I. P. Antonova-Antipova. Vysokom. soed. 7 no. 9:1543-1548 S '65.*

Effect of substituents on one-electron reduction of anthraquinone derivatives. *A. I. Brodskii, L. L. Gordienko, Teoret. i ekspt. khim. 1 no. 1:152-155 '65.*

ANTHRAX

Improved variant of the T'Senkovskii vaccine no. 2. *V. R. Arkhipova. Trudy VNIIVS 24:135-140 '64.*

Kishinev. Moldavskii institut epidemiologii, mikrobiologii i gigniy. [Anthrax; problems of immunology, clinical aspects and laboratory diagnosis] *Antrak; voprosy immunologii, kliniki i laboratornoi diagnostiki. Pod red. E. N. Shliakova. Kishinev, Karim moldovenaske, 1964. 102 p. (DNLM)*

ANTHRAX—MICROBIOLOGY

Characteristics of *Bacillus anthracis* isolated from air, dust, and imported raw hides. *IU, I. Boikov. Trudy VNIIVS 24:111-119 '64.*

Effect of an anthrax bacteriophage on the various strains of *Bacillus anthracis*. *IU, I. Boikov. Trudy VNIIVS 24:120-124 '64.*

Group examination of samples of raw hides for anthrax. *L. E. Naimushina. Trudy VNIIVS 24:391-401 '64.*

ANTHRAX—MICROBIOLOGY (Continued)

Study of the contamination of tanneries and stations for primary processing of raw hides by the spores of *Bacillus anthracis*. I. I. Bolotov. Trudy VNIIVS 21:107-113 '64.

Testing nitrogen peroxide for disinfecting raw hides contaminated with the spores of *Bacillus anthracis*. A. A. Polukhov and others. Trudy VNIIVS 21:31-37 '64.

Use of the fluorescent antibody method for detecting *Bacillus anthracis* in soil and dust. I. I. Bolotov. Trudy VNIIVS 21:125-132 '64.

ANTHRAX—PREVENTIVE INOCULATION

Results of simultaneous vaccination of sheep against *Bacillus anthracis*, bradzet, and infectious enterotoxemia. I. U. B. Safarov, N. M. Ibrahimov, Veterinariia 42 no. 10:39-40 O '65.

ANTHRAX, SYMPTOMATIC

Symptomatic anthrax, a survey. K. I. Kagan. Veterinariia 42 no. 10:31-32 O '65.

ANTHROPOLOGY

Brief news. Biol. MOIP, Otd. biol. 70 no. 1:127-128 My-Je '65.

ANTHROPOLOGY

In vivo oxidation of some blue-green algae and their effect on bacteria. L. I. Postolytska. Uki, bot. zhur. 22 no. 5:12-17 '65.

ANTIBIOTICS

Antimicrobial properties of salicylanilide and its derivatives. R. V. Kul'yk, I. O. Vasylyevskii. Mikrobiol. zhur. 26 no. 4:80-85 '64.

Antitumor antibiotics of the enalkine group produced by actinomycetes. T. S. Makarova and others. Antibiotiki no. 3:201-207 '65.

Biochemical mechanisms of the action of antineoplastic antibiotics in connection with the problem of the search for new active preparations. G. E. Gauze. Vest. AMN SSSR no. 4:16-52 '65.

Characteristics of the development of molds producing various antibiotic and antibiotic substances. Z. E. Bakker and others. Mikrobiologiya 34 no. 4:953-960 Ji-Jg '65.

Control of foaming in biosynthesis. R. D. Solfer. Antibiotiki no. 3:254-271 '65.

Effect of antibiotics, neutralizing protein synthesis, on the release of free amino acids in cells of *Endomyces magnusii*. I. A. Shevchenko, A. T. Novikova. Mikrobiologiya 34 no. 5:737-742 S-O '65.

Effect of antibiotics on diphtheria bacilli in mixed and pure cultures. L. I. Kartushina, Kh. M. Danabas. Shor. nauch. trud. TashGMI 22:335-343 '62.

Identification of the antibiotic 1180 produced by actinomycetes from the *Actinomyces griseus* group. N. P. Bogdanova and others. Antibiotiki no. 3:195-201 '65.

Pathogens of suppurative cerebrocranial complications and their relation to antibiotics. V. I. Situtsier, V. F. Imshenetskaya. Vop. mikrobiol. no. 1:57-59 '65.

State of some liver functions in patients with brucellosis treated with antibiotics. A. D. Dzharov, K. D. Dzhahlov. Shor. nauch. trud. TashGMI 22:161-169 '62.

Studies on the toxicity and chemotherapeutic properties of antitumor antibiotics of the enalkine group. N. A. Blumberg, N. I. Kalanova. Antibiotiki no. 3:207-210 '65.

Study of the sensitivity of enteropathogenic coli bacilli to antibiotics in vitro. V. F. Solov'eva. Antibiotiki no. 3:250-261 '65.

Treatment of dysentery with a combination of antibiotics in small concentrations. A. L. Katsenovich, E. B. Khavkina. Shor. nauch. trud. TashGMI 22:156-163 '62.

Treatment of experimental radiation sickness with bone marrow and antibiotics. S. N. Aleksandrov, K. F. Galkovskaya, T. I. Baidachenko-Rostovtseva. Vop. onk. 11 no. 10:77-81 '65.

Use of antibiotics in sheep raising. A. A. Volkova. Vop. int. sel'khoz. Kir. no. 1:58-70 '64.

Use of antibiotics in the treatment of skin diseases and syphilis in children. M. A. Rozenblat, A. A. Stodolskii, P. F. Maslov. Vest. dermat. i ven. no. 2:40-47 '65.

Use of some wastes of the antibiotics industry for growing fodder yeast. I. I. Kvasnykh, D. M. Isakova, O. O. Nestorenko. Mikrobiol. zhur. 27 no. 5:30-34 '65.

Use of synthetic fatty alcohols and alkyl sulfates in the production of antibiotics. V. I. Rumiantsev, V. A. Ezhov, M. A. Zhelezovskii, prom. 31 no. 7:38-49 Ji '65.

Variability of enteropathogenic coli bacilli under the influence of some antibiotics. B. M. Dvoretzki. Antibiotiki no. 3:252-263 '65.

Viothecin, a new antibiotic. N. P. Bogdanova and others. Mikrobiologiya 34 no. 4:623-626 Ji-Jg '65.

ANTIBIOTICS—PHYSIOLOGICAL EFFECT

Determination of the concentration of streptomycin, dihydrostreptomycin, colistin and monomycin in the labyrinthine fluid in guinea pigs. V. S. Maravetskaya. Antibiotiki no. 3:245-250 '65.

ANTICOMMUNIST PROPAGANDA see Propaganda, Anticomunist

ANTIFREEZE SOLUTIONS

Formulas and technology for the manufacture of frost-resistant boots. L. D. Tokueva and others. Nauch. i raz. 24 no. 8:42-44 '65.

ANTIGENS AND ANTIBODIES

Age-related distribution of antibodies to parainfluenza viruses. V. A. Timonova, M. A. Ikhino, A. V. Plushchikov. Vop. virus. 10 no. 2:217-219 Mi-Ji '65.

Anterithyocytic antibodies and their significance in autoimmune diseases of the blood system and other systems of the body. M. I. Chernenko and others. Gemat. i perel. krovi 1:228-230 '65.

Antigenic characteristics and antigenic structure of polysaccharide-containing complexes of enteropathogenic and nonpathogenic strains of *Escherichia coli*. S. V. Dzhok'ko-Afonas'ka, I. A. Zakharova. Mikrobiol. zhur. 26 no. 1:3-9 '64.

Chemical nature of antigens determining the specificity of cancerous tumors in man. P. N. Kozlov, V. S. Korosteleva. Vop. onk. 11 no. 10:58-63 '65.

Determination of the specificity of polysaccharide antigens obtained from yeasts and yeastlike fungi. I. A. Lubimova. Vest. dermat. i ven. no. 1:15-50 '65.

Existence of two types of antibodies to desoxyribonucleic acid. A. M. Povlenyay, M. I. Levi. Vop. med. khim. 11 no. 2:95-97 Mi-Ji '65.

Experimental production of antibodies against streptomycin and mycerin. N. A. Ozeretskova. Antibiotiki no. 3:222-225 '65.

Incidence of the CW antigen in the blood of a population group in the Soviet Union. O. S. Budaikov. Probl. gemat. i perel. krovi no. 3:19-21 '65.

Immunization to leucocytes in pregnancy. Kh. V. Siniichuk, L. M. Ventsuk. Probl. gemat. i perel. krovi no. 3:21-24 '65.

Possibility of detecting cerebral antigens in the blood of neuropsychic patients. V. S. Glebov, Zhur. nev. i psikh. 65 no. 10:1517-1523 '65.

Some immunological indices in the leukogenic form of acute leukemia. Z. N. Grigor'eva. Probl. gemat. i perel. krovi no. 3:3-10 '65.

Study of burn antigens and antibodies by means of electrophoresis. V. A. Mazurenko. Gemat. i perel. krovi 1:238-241 '65.

Study on the effect of physical and chemical agents on organospecific antigens of the brain tissue. N. N. Popova. Biol. eksp. biol. i med. 60 no. 9:80-84 '65.

Study of the specific antigens of hepatomas induced in rats by *N*-nitrosodimethylamine. V. I. Fel', I. N. Shvemberger, V. A. Ivanov. TSitologiya 7 no. 3:416-420 My-Je '65.

ANTIGENS AND ANTIBODIES—ANALYSIS

Comparative sensitivity of some immunological methods for the determination of antibodies. S. K. Mikha. Biol. eksp. biol. i med. 60 no. 9:122-125 '65.

Comparative value of nonspecific and cardiolipin antigens in the examination of cerebrospinal fluid in syphilis. A. A. Studitskiy, L. S. Kornikova, D. L. Ashavskaya. Vest. dermat. i ven. no. 1:65-69 '65.

Data on the biology and classification of dysentery bacilli. Report No. 5. Thermolabile antigens in subspecies of *Flexneria bacilli*. L. D. Grinberg. Trudy Len. inst. epid. i mikrobiol. 24:252-258 '63.

Data on the biology and classification of dysentery bacilli. Report No. 7. Characteristic of the antigenic structure of *Shigella sonnei*. L. D. Grinberg. Trudy Len. inst. epid. i mikrobiol. 24:266-273 '63.

Obtaining dry antigenolysin serum for Coombs' test. M. I. Dudnik. Gemat. i perel. krovi 1:75-78 '65.

Study on the antigenic structure of mycobacteria by a double agar diffusion method. S. M. Vul', Probl. tub. no. 7:72-77 '64.

ANTIHYALURONIDASE

Nonspecific antihyaluronidase of the blood serum in rats with experimental hyper- and hypothyroidism. I. A. Dumanskii, N. B. Latsuk. Biol. eksp. biol. i med. 60 no. 9:40-48 '65.

ANTIMETABOLITES

Comparative cytophotometric study of the response of normal and neoplastic cells to the action of various metabolic inhibitors. M. S. Shudel', TSitologiya 7 no. 3:377-386 My-Je '65.

ANTIMONY

Photometric determination of antimony impurity in tellurium. A. I. Busev and others. Zhur. anal. khim. 20 no. 8:812-814 '65.

ANTIMONY-ALUMINUM ALLOYS see Aluminum-antimony alloys

ANTIMONY-BISMUTH-LEAD ALLOYS see Lead-antimony-bismuth alloys

ANTIMONY CHLORIDES

Production of antimony trichloride from antimony pentachloride. M. V. Mokhosoev. Zhur. prikl. khim. 39 no. 6:1355-1358 Je '65.

ANTIMONY ORES see subdivision under Maritime Territory

ANTINAZI MOVEMENT see Antinazi

ANTINEOPLASTIC AGENTS

Antitumor antibiotic of the enalkine group. T. S. Makarova and others. Antibiotiki no. 3:201-207 '65.

Biochemical mechanisms of the action of antineoplastic antibiotics in connection with the problem of the search for new active preparations. G. E. Gauze. Vest. AMN SSSR no. 4:16-52 '65.

Characteristics of antineoplastic antibiotics. T. S. Makarova and others. Antibiotiki no. 3:201-207 '65.

Chemotherapy of tumors of the enalkine group. T. S. Makarova and others. Antibiotiki no. 3:201-207 '65.

Effect of antineoplastic antibiotics on the growth of tumor cells in culture. G. I. Kulik, M. I. Fedotkin. Vest. AMN SSSR no. 9:81-84 S '65.

Effect of chemotherapeutic preparations on the growth of the extract of *Leuconostoc* and on the formation and development of metastases. L. V. Tsyrlina. Vop. onk. 11 no. 10:105-113 '65.

Methods for increasing the activity of antineoplastic compounds. A. K. Golovinskiy. Vest. AMN SSSR no. 4:34-45 '65.

Morphological changes in blood and bone marrow under the effect of the preparation of the enalkine group. L. P. Kuznetsov. Vest. AMN SSSR no. 12:16-22 '65.

Relation between the radiophysics and the effects of inhibition-antineoplastic agents. Dokl. AN SSSR 161 no. 4:105-108 '65.

Relation of the carcinolytic properties of antineoplastic agents to the functional state of the organism. B. I. Burimeno. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Some trends in the development of antineoplastic agents. L. F. Lashin. Vest. AMN SSSR no. 12:16-22 '65.

Studies on the toxicity and chemotherapeutic properties of antitumor antibiotics of the enalkine group. N. A. Blumberg, N. I. Kalanova. Antibiotiki no. 3:207-210 '65.

Study on the sensitivity of the enalkine group of mice tumor (sarcoma 18) to antineoplastic agents. L. F. Shatikhova. TSitologiya 7 no. 3:416-420 My-Je '65.

Antioch—Bakers. Baker's corporation in Antioch. G. L. Kurbatov. Vest. chern. i met. 2:1-2 '65.

ANTIOXIDANTS

Mechanism of the inhibition of the oxidation of compounds with a conjugated system. Berlin. Zhur. fiz. khim. 39 no. 4:105-108 '65.

Relation between the radiophysics and the effects of inhibition-antineoplastic agents. Dokl. AN SSSR 161 no. 4:105-108 '65.

Synthetic inhibition and action of antineoplastic agents. No. 1. Effect of the inhibition of the oxidation of the antioxidant activity of the enalkine group. Burimeno. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

Antioxidants—Toxicology. Toxicology of paroxynonamide and its derivatives. Kel'man. Nauch. i med. zhur. 22 no. 5:12-17 '65.

- ANTS** see subdivision under Kight-istan
- ANTWERP—DISCUSSION**
Antwerp, the great gate of a small country. S. Napskov, Nov. vrem. 23 no. 17 20-32 N '65.
- AORTA**
Diagnosis of occlusive lesions of the branches of the aortic arch. I. U. E. Berzov and others. Sov. med. 28 no. 3 13-21 M '65.
- AORTA—DISEASES**
Case of tuberculous of the breast and aortic aneurysm of tubercular etiology. L. M. Mamedov, A. G. Bobkov, Khim. khiz. no. 2 71-73 '65.
Hemodynamic changes in aortic coarctation. G. A. Glevier, Kardiologiya no. 1 76-79 '65.
Rhythm disorders in intracardial V-type thrombus in the presence of patent ductus arteriosus, aortic coarctation and aneurysm of the pulmonary artery. D. Dimitrov and others. Kardiologiya no. 3 79-80 '65.
- AORTA—LIGATURE**
Action of the right ventricle of the heart under conditions of progressive stenosis on the left ventricle and left ventricular insufficiency. P. Z. Meerzon and others. Zhurnal kardiologii no. 2 no. 6 1-13 '62.
- AORTA—SURGERY**
I. After following resection and prosthetic substitution of the aorta for coarctation. V. N. Selezov, N. I. Sosikina, Akush. i gyn. no. 1 113-131 '65.
I. After following resection of the aorta for coarctation and its replacement by plastic prosthesis. L. A. Isenbeld, L. A. Medvedev, N. I. Furina, Akush. i gyn. no. 2 115-116 '65.
- AORTA—SYPHILIS**
Artificial pleurography and the spreading rate of the pulse wave in syphilitic aortitis. M. P. Frishman, M. M. Lashenko, Vest. d. m. i. n. no. 2 56-62 '65.
- AORTA—TUBERCULOSIS**
Tuberculous aortitis. L. A. Blum, Probi. tub. no. 7 60 '61.
- AORTIC ANEURYSMS**
Unique localization of cancer simulating aortic aneurysms. G. A. Dzhigitov, Nauch. trudy Riaz. med. inst. 11 358-360 '60.
- AORTIC ANEURYSMS—RUPTURE**
Intravital diagnosis of a rupture of dissecting aneurysm of the thoracic aorta. M. A. Gurevich, N. V. Makhatayev, Sov. med. 28 no. 3 61-66 M '65.
- APARTMENT HOUSES**
(see also subdivision under Tashkent, Uzbekistan)
Calculation of the economic effectiveness of the new equipment of residential buildings. L. D. Bogdanov, Zh. Gos. khoz. Mosh. 39 no. 8 20-21 Ag '65.
Economic problems of the longevity of residential buildings. H. M. Kolotilina, Gos. khoz. Mosh. 39 no. 8 22-24 Ag '65.
A higher line is necessary. N. Il'inskiy, Zhil. i kom. khoz. 16 no. 9 21 S '65.
Interior of a model apartment. O. Bykovskiy, Stroi. i arkh. Mosh. no. 5 21-23 '65.
It is necessary to be more strict. M. Bakharin, Zhil. i kom. khoz. 16 no. 9 21 S '65.
Study of the action of transverse elements of large-panel apartment houses. M. N. Khodimskiy and others, Izv. polit. ekonom. no. 11 169-184 '65.
- APARTMENT HOUSES—DESIGN AND CONSTRUCTION**
(see also subdivision under Bulgaria, Czechoslovakia, Kiev, Leningrad, Moscow, Samarkand Province, Uzbekistan)
Able to engineer and build. B. Kositsyn, Stroi. i arkh. Mosh. no. 5 17-18 '65.
Assembling large-panel apartment houses directly from trucks. E. Pinskiy, Stroi. i arkh. 11 no. 7 8-11 JI '64.
Effect of layouts on the cost of housing construction. E. Hudenko, Stroi. i arkh. 11 no. 7 6-8 JI '63.
Make wider use of the method of housing construction combines. No stroi. Ros. 6 no. 9 24-25 S '65.
The most advanced method of housing construction is in operation, from the all-Union seminar in Leningrad. A. N. Riskin, Stroi. i arkh. Len. 27 no. 8 20-28 S '65.
Principle of grouping apartment houses. D. Morozov, Stroi. i arkh. 11 no. 7 3-6 JI '63.
Problems of future houses, sociological principles of planning. G. D. Platonov, V. I. Ruzhizha, Stroi. i arkh. Len. 27 no. 8 7-13 Ag '65.
- APARTMENT HOUSES—HEATING AND VENTILATION**
see subdivision under Golodnaya Steppe
- APARTMENT HOUSES—MAINTENANCE AND REPAIR**
(see also subdivision under Kuybyshev; Moscow; Voronezh)
Give a better organization to the maintenance of apartment houses. D. Boshinov, Zhil. i kom. khoz. 16 no. 9 14-15 S '65.
- Peculiarities of the maintenance of residential buildings erected on bagging soils. M. P. Platonov, Sbor. nauch. trud. RNI AKKH no. 2 155-161 '63.
Products and building materials for the industrialization of the general repair and maintenance of residential houses. V. S. Akhanov, Sbor. nauch. trud. RNI AKKH no. 2 136-154 '63.
Use of polymer materials in the repair of residential houses. Sh. Golant, Zhil. i kom. khoz. 16 no. 9 20-21 S '65.
What was discussed in debates. Zhil. i kom. khoz. 16 no. 9 19 S '65.
- APARTMENT HOUSES—MANAGEMENT** see subdivision under Yaroslavl
- APARTMENT HOUSES—NOISE CONTROL** see subdivision under Alma-Ata
- APARTMENT HOUSES, COOPERATIVE—MANAGEMENT** see subdivision under Volgograd
- APOPHYLLITE**
Electron paramagnetic resonance of Mg^{2+} in apophyllite. L. V. Bereshev, A. S. Morfinin, R. M. Mineeva, Dokl. AN SSSR 161 no. 5 1141-1142 O '65.
- APOPLEXY**
Effect of triggering light stimulation on the electric activity of the brain following insulin. L. G. Makanova, Zhur. nevro. i psikh. 65 no. 10 1466-1472 '65.
Hemorrhages in the fundus oculi in cerebral insulin. T. B. Shuhov, Zhur. nevro. i psikh. 65 no. 10 1473-1475 '65.
- APPARENT DEATH** see Death, Apparent
- APPELLATE PROCEDURE**
Specific characteristics of an advocate's role in criminal appellate proceedings. D. Ostrovskiy, Sov. iust. 20 no. 19 14-16 O '65.
- APPENDICITIS**
Appendicitis caused by pinworms. A. G. Gugsidze, Sbor. AN Gruz. SSR 39 no. 1 190-206 JI '65.
Course of acute appendicitis in measles. N. N. Volobuev, Sov. med. 28 no. 3 125-127 M '65.
Difference of hematological changes in acute forms of appendicitis in years of maximal and minimal solar activity. V. A. Kozlov, I. A. P. Pristal, V. K. Herlov, Nek. vop. khim. i k. nov. pat. no. 3 41-45 '63.
- APPLE**
Effect of concentrated solutions of chemicals on apple trees. L. Z. Boudulina, L. S. Furzenko, Khim. v sel'. khoz. 3 no. 9 26-29 S '65.
Winter sowing of apple rootstock. A. K. Ileganov, Uch. zap. Kras. gos. ped. inst. 24 no. 6 74-77 '63.
- APPLE—FROST RESISTANCE**
Frost in the fall. L. S. Galverenskaya, Priroda 54 no. 10 125-126 '65.
- APPLE—PRESERVATION**
Effect of immediate postharvest chilling of apples on their keeping quality. A. A. Kolesnik, L. A. Avdeeva, Khol. tekhn. 12 no. 6 10-13 S-O '65.
- APPLE SCAB**
(see also subdivision under Tajikistan)
Results of testing fungicides for the control of apple scab. N. A. Shukova, Trudy VTZR no. 20 pt. 1 67-9 '64.
- APPLIED MECHANICS** see Mechanics, Applied
- APSHERON PENINSULA—BITS (DRILLING AND BORING)**
Effectiveness of using diamond bits in the Zyrya oil field. A. S. Braev, A. A. Avanesov, Bu. ant. no. 9 3-5 '65.
- APSHERON PENINSULA—ELECTRIC LINES**
Mamedov, A. I. [Method for calculating electric lines for offshore oil fields] Metodika rascheta elektricheskikh setei dlia morskikh neftepromyslov. Baku, Azernesht, 1965 203 p.
- APSHERON PENINSULA—GAS, NATURAL**
Dadashev, F. G. [Hydrocarbon gases in Tertiary sediments in eastern Azerbaijan; Apsheron oil and gas province] Uglevodorodnye gazy tretichnykh otlozhenii Vostochnogo Azerbaidzhana, Apsheron-skala neftegazonosnaya oblast'. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 125 p.
- APSHERON PENINSULA—GAS, NATURAL—GEOLOGY**
Oil and gas potentials of the lower division of the producing formation in the southern zone of the Apsheron area. A. A. Guseinov, Azerb. nef. khoz. 44 no. 8 7-8 Ag '65.
- APSHERON PENINSULA—GEOLOGICAL TIME**
Data on the absolute age of the terrigenous components of the producing formation and their importance in the study of the paleogeography of the Middle Pliocene Apsheron facies. A. S. Tunayev, Azerb. nef. khoz. 44 no. 8 9-11 Ag '65.
- APSHERON PENINSULA—MELDEW**
Review of powdery mildew of the Apsheron Peninsula. M. V. Klucheva, Izv. AN Azerb. SSR, Ser. biol. nauk no. 3 31-37 '65.
- APSHERON PENINSULA—PALEOGEOGRAPHY**
Data on the absolute age of the terrigenous components of the producing formation and their importance in the study of the paleogeography of the Middle Pliocene Apsheron facies. A. S. Tunayev, Azerb. nef. khoz. 44 no. 8 9-11 Ag '65.
- APSHERON PENINSULA—PETROLEUM GEOLOGY**
Oil and gas potentials of the lower division of the producing formation in the southern zone of the Apsheron area. A. A. Guseinov, Azerb. nef. khoz. 44 no. 8 7-8 Ag '65.
- APSHERON PENINSULA—PETROLEUM PRODUCTION**
A study of the determining of the effect of pattern arrangement of oil recovery. S. T. Ornatyanov, K. A. Knapetov, Azerb. nef. khoz. 44 no. 8 4-6 Ag '65.
- APSHERON PENINSULA—POTATOES—FERTILIZERS AND MANURES**
Effect of quantity and combination of mineral fertilizers on the yield and quality of potatoes. G. C. Gambarian, Izv. AN Azerb. SSR, Ser. biol. nauk no. 3 103-109 '65.
- APSHERON PENINSULA REGION—PETROLEUM IN SUBMERGED LANDS**
Mamedov, A. I. [Method for calculating electric lines for offshore oil fields] Metodika rascheta elektricheskikh setei dlia morskikh neftepromyslov. Baku, Azernesht, 1965 203 p.
- APSHERONSK REGION (KRASNODAR TERRITORY)—EPIMEDIUM, FOSSIL**
Discovery of Epimedium (Berberidaceae) in Sarmatian deposits of the Northern Caucasus. T. F. Kutuzkina, Bot. zhur. 50 no. 8 1113-1116 Ag '65.
- AQUARIUMS** see subdivision under Genchesk region (Ukraine)
- AQUATIC SPORTS**
(see also subdivision under Sverdlovsk)
Human glider. I. U. Belinov, Izobr. i rats. no. 7 10 '65.
Mass participation for sports competitions! A. Kuz. Voen. zhurn. 41 no. 9 44 S '65.
- ARAB COUNTRIES—FOREIGN RELATIONS—ISRAEL**
Some comments of an Israeli journalist, from the editor's mail. Nov. vrem. 23 no. 46 21-25 N '65.
- ARABIC LANGUAGE—DICTIONARIES—RUSSIAN**
Baranov, Kh. K. [Arabic-Russian dictionary. About 33,000 words] Arabsko-russkii slovar'. Okolo 33 000 slov. 12d. 3., stereotipnoe. Moskva, Gos. izd-vo inostr. i natsional'nykh slovaroi, 1962. 1186 p. (CUI)
- ARABIC LITERATURE—LEBANON**
"The sea's waves do not die." Vop. lit. 9 no. 10 147-148 O '65.
- ARABIC POETRY—HISTORY AND CRITICISM**
Berlefs, E. E. [Selected works] Izbrannye stikhi. Moskva, Nauka [Vol. 3. Sufism and Sufistic Literature] Sufizm i sufistskaya literatura. 1965. 522 p.
- ARABINOSE**
Deadpath of Candida tropicalis yeast adapted to L-arabinose. I. U. N. Karasvili, M. V. Buturina, Mikrobiologiya 34 no. 4 876-879 JI-Ag '65.
- ARAKS VALLEY—SOILS**
Absorbed cations and their relationship in the soils of the Araks zone. R. G. Mamedov, Izv. AN Azerb. SSR, Ser. biol. nauk no. 3 28-31 '65.
- ARAL-PAYGAMBAR PRESERVE (UZBEKISTAN)—OWLS**
Feeding habits of little owl in the Aral-Paygambar Preserve (Uzbekistan). G. I. Ishunin, Ornitologiya no. 7 471-473 '65.
- ARAL SEA—ANIMAL INTRODUCTION**
Results of the acclimatization of invertebrates in the Aral Sea. T. A. Kortunova, Ryb. khoz. 41 no. 9 24-26 '65.
- ARAL SEA—ASPIUS**
Fillets from Aspius aspius L. A. Chalenko, Ryb. khoz. 41 no. 9 71 '65.
- ARAL SEA—CHALCALBURNUS**
Some characteristics of the biology of Chalcalburnus of the Aral Sea as related to its farming. U. E. Erakeev, Ryb. khoz. 41 no. 9 27-29 '65.
- ARAL SEA—ICE**
Methodology of the long-range forecasting of the freezing and opening of the Aral Sea. I. A. Lipatnikova, Trudy TSIP no. 142, 25-27 '65.
- ARAL SEA—INVERTEBRATES**
Results of the acclimatization of invertebrates in the Aral Sea. T. A. Kortunova, Ryb. khoz. 41 no. 9 24-26 '65.

ARAL SEA REGION—CLIMATE

Zakharovskiy, O.M. [Climatic description of the Aral Sea region] Klimatskoye opisanie raiona Aral'skogo mornia. Pod red. O.A. Menovoi. Leningrad, Gidrometeoizdat, 1964 66 p.

ARAL SEA REGION—HERRING-GULL

Ecology and physical significance of herring gull at the southern shores of the Aral Sea. K. Kenchegulov. Uzb. biol. zhur. 9 no. 5 68-71 '65

ARAL SEA REGION—WATERMELONS

Preparation of soil for water melons in the conditions of the north in Sea of Aral region. M.I. Molina. Trudy, Itsp. opyt. sta. Karl i. ovoshch. 2 226-229 '60

ARBITRATION AND AWARD

(see also subdivision under Moscow Province)
Awardment of individual guiding instructions of the State Arbitration Agency of the Council of Ministers of the U.S.S.R. Sov. gos. i pravo 35 no. 10 138 O '65
Review the law on state arbitration. R.F. Kalistatova. Sov. gos. i pravo 35 no. 10 69-77 O '65

ARBITRATION AND AWARD—CASES

(see also subdivision under Ukraine)
Arbitration practice. Sov. iust. 29 no. 10 32 S '65
Arbitration practice. Sov. iust. 29 no. 10 31 O '65

ARBUSO REARRANGEMENT see Rearrangements (Chemistry)

ARCHAEOLOGICAL RESEARCH see subdivision under Ukraine

ARCHAEOLOGY see subdivision under Bashkiria, Ukraine

ARCHANGEL—JUVENILE DELINQUENCY

There should be no "strut", side by side with the adolescent. R. Artamonov. Agitator. 33 no. 20 41-45 O '65

ARCHANGEL—VISITORS, BRITISH

James Robins becomes acquainted with Russia. V. Ovchinnikov. Sov. profsoyuz. 21 no. 20 6-8 O '65

ARCHANGEL PROVINCE—ROAD CONSTRUCTION

Overall soil stabilization for road construction in Archangel Province. B. Veselov, N. Shvetsov. Avt. dor. 28 no. 9 19 S '65

ARCHANGEL PROVINCE—SOIL STABILIZATION

Overall soil stabilization for road construction in Archangel Province. B. Veselov, N. Shvetsov. Avt. dor. 28 no. 9 19 S '65

ARCHES

Determining the extreme stresses in three-hinged arches. L.B. Grinze. Trudy Leningradsk. no. 1 135-140 '64

ARCHES—VIBRATION

Vibrations of sharply sloping circular arches in a case of the vibration of their supporting sections. A.I. Osledko. Izsl. po teor. sooruzh. no. 14, 113-123 '65

ARCHITECTURAL ACOUSTICS

Problems of acoustics systems in premises with rather poor acoustical characteristics. G.R. Rabinovich. Vest. svyazi. 25 no. 8 12-13 Ag '65

ARCHITECTURAL DECORATION AND ORNAMENT see Decoration and ornament, Architectural

ARCHITECTURAL MUSEUMS see subdivision under Alupka (Ukraine)

ARCHITECTURE

(see also subdivision under Leningrad; Lithuania, Terek)
The book is the builder's friend. A. Gerasimenko. Stroitel. arkhit. 13 no. 9 38-39 S '65
Economic principle of the experiment. B. Zarembo. Ekon. stroitel. no. 9 42-44 S '65
Economic significance and measurement of the time factor in designing. T.B. Rubinshteyn. Vych. i org. tekhn. v stroitel. proekt. no. 2 71-79 '64

ARCHITECTURE—CONGRESSES

Welcoming the congress of architects. S.B. Speranskii. Stroitel. arkhit. Len. 27 no. 9 1-7 S '65

ARCHITECTURE—DESIGNS AND PLANS

Cabinetless method of storing drawings executed on transparent paper. P.F. Fedyaev. Vych. i org. tekhn. v stroitel. proekt. no. 1 82-84 '64
Classification in architectural design. E.I.A. Kipper. Vych. i org. tekhn. v stroitel. proekt. no. 1 77-79 '64
Organizing a library of programs in the State Institute for Prototype Design and Planning for Technical Research. V.V. Sokolov. Vych. i org. tekhn. v stroitel. proekt. no. 1 86-88 '64
Problem of the nations and international features in architecture. G. Golovko. Stroitel. arkhit. 13 no. 9 32-34 S '65

Standard project is a concrete conception. G. Mader. Stroitel. arkhit. 13 no. 9 35 S '65

ARCHITECTURE—HANDBOOKS, MANUALS, ETC

More on an architectural reference book. M.S. Levius. Vych. i org. tekhn. v stroitel. proekt. no. 2 81-84 '65

ARCHITECTURE AND CLIMATE see subdivision under Soviet Central Asia

ARCHIVES

(see also subdivision under Nagorno-Karabakh Autonomous Province, Ukraine)
Acquisition of documentary materials for archives. I.V. Hainaba, F.P. Tsenkov, G.P. Romanil. Ist. dzh. ta. ikh. vyk. no. 1 21-35 '61
The role of state archives in the development of local lore studies. V.V. Grubovets'kiy, V.L. Kalinchenko, Sh.S. Lialukova'kiy. Ist. dzh. ta. ikh. vyk. no. 1 9-20 '61
Transmission of the text of documents of the Soviet period. D.P. Shatalina. Ist. dzh. ta. ikh. vyk. no. 1 37-51 '64

ARCONADA, CÉSAR MUÑOZ, 1900-

César Arcónada's Anti-Fascist novel "Tajo River." L.A. Romadnova. Trudy Un. dzh. nat. i. Vop. lit. no. 1 221-250 '61

ARCTIC FOX

Correlation between the nature of behavior and reproductive function in polar fox (Alopex lagopus L.). L.N. Trut. Biol. MOIP. Otd. biol. 70 no. 3 102-106 My-Jc '65

ARCTIC OCEAN—HYDROMETEOROLOGY

Influence of Atlantic waters on the formation of the hydrometeorological regime of the Arctic seas. A.O. Shpakher. Trudy TSIP. no. 12 67-74 '65

ARCTIC OCEAN—ICE—OPTICAL PROPERTIES

Albedo of ice in the Arctic seas according to data of aircraft observations. A.I.A. Buzuev, N.P. Shchetnikov, A.A. Timerev. Probl. Aik. i. Antark. no. 20 49-51 '65

ARCTIC OCEAN—SEA LEVEL

Methodology of forecasting the lowering and raising of the water level by the effect of wind for the Arctic seas. N.V. Mustafin. Trudy TSIP. no. 12 80-92 '65

ARCTIC REGIONS

Results of scientific work on the acclimatization of man in the North and problems of further studies. G.M. Danilshchikov. Probl. Sev. no. 9 287-291 '65

ARCTIC REGIONS—CLOUDS

Photographic sky-patrol around the North Pole. N.Z. Filippov. Biol. Abast. astrofiz. obser. no. 42 201-205 '65

ARCTIC REGIONS—CYCLONES

Vertical extent of the pressure systems in the Arctic. L.A. Gavi Ilova. Probl. Ark. i. Antark. no. 20 31-39 '65

ARCTIC REGIONS—DRIFTING ICE STATIONS

[Twelve exploits] Dvenaditsat' podvigov. Leningrad, Gidrometizdat, izd. vo. 1965. 320 p.

ARCTIC REGIONS—ICE CRYSTALS

Ice flowers. F.D. Shpilov. Priroda. 54 no. 2 127-128 F '65

ARCTIC REGIONS—RUSSIAN EXPLORATION

Scientist and encyclopedist; cherished thoughts of D.I. Mendeleev. A student of the Arctic. A.F. Laktionov. Priroda. 54 no. 2 100-101 F '65

ARCTIC REGIONS—SOLAR RADIATION

Anomalous absorption by the polar caps. R.G. Gachechiladze, G.M. Khocholava. Soob. AN Gruz. SSR. 39 no. 3 555-560 S '65

ARCTIC REGIONS—UNDERWATER NAVIGATION

Submarine under the ice: 25th anniversary of the first navigation under ice. I.A. Kakel', S.E. Gorlatov. Priroda. 54 no. 2 104-108 F '65

ARCTIC REGIONS—WORLD WAR, 1939-1945—PERSONAL NARRATIVES

Veshchezerskii, G.A. [By the cold cliffs] U khladnykh skat. Moskva, Voenizdat, 1965. 147 p. (Voennoye memuary)

AREA MEASUREMENT

Evaluation of the precision of survey measurements by errors of closure in conditional equations. I.U. V. Kennits. Izv. vys. ucheb. zav., spets. i. aerol. no. 2 3-12 '65

ARISTOTLE, 322-384

Aristotle on the deduction of the true conclusion from false premises. G.I. Shuhmanashvili. Soob. AN Gruz. SSR. 39 no. 1 231-238 JI '65

ARITHMETIC—AUDIO-VISUAL AIDS

Aid for the first graders. M.V. Fedorenko. Rad. shkola. 44 no. 10 41-42 O '65

ARITHMETIC—STUDY AND TEACHING

Arithmetic in a kindergarten. Z. I. Chudova and others. Do. shk. osp. 48 no. 9 19-19 S '65
Differentiated work during the teaching of arithmetic. D.P. Selivanov. Rad. shk. 44 no. 6 18-18 Jc '65
From the history of the methods of teaching arithmetic. A. Leushina. Do. shk. osp. 48 no. 9 23-23 S '65
Propaedeutic exercises on the solving of arithmetic problems by means of equations. B.I. Dru. Rad. shkola. 44 no. 10 35-41 O '65
Vocational trend in the course of the theory of arithmetic in normal schools. B.I. M. Voprotanov. Rad. shkola. 44 no. 10 38-41 O '65

ARLAN OIL FIELD—OIL FIELD PRODUCTION

Characteristics of flooding operations in the Arlan oil field. R.V. Bilenov. Neftprom. delo. no. 11 45-49

ARLAN OIL FIELD—PETROLEUM PRODUCTION

Development of layer VI in the Arlan oil field. K.I.A. Korobov, D.G. Mamedov. Neftprom. delo. no. 9 3-6 '65

ARMED FORCES see subdivision under Russia

ARMENIA—ADMINISTRATIVE ECONOMIC EXPERIENCES

In the Economic Council of Armenia. Prom. Arm. 8 no. 8 61-61 JI '65
In the Economic Council of Armenia. Prom. Arm. 8 no. 8 69-71 Ag '65

ARMENIA—AGRICULTURE—ECONOMIC ASPECTS

Objectives of the development of agriculture in the light of the resolutions of the March Plenum of the Central Committee of the CPSU (1965). G.M. Goghaman. Izv. AN Arm. SSR. Obshchestv. nauki. no. 9 3-11 '65

ARMENIA—APARTMENT HOUSES—NOISE CONTROL

Noise control in one of the urgent problems. A. Chig. S. Martirosian. Prom. Arm. 8 no. 8 44-51 Ag '65

ARMENIA—ASCARIDS AND ASCARIASIS

Some problems in raising the population of ascarids. N.I.U. Danilov. Zhur. zh. i. biol. med. 2 no. 5 6-6 '62

ARMENIA—ASSOCIATIONS, INSTITUTIONS, ETC.

The role of organizations with public participation in the education of the new man. A.A. Sahagyan. Izv. AN Arm. SSR. Obshchestv. nauki. no. 9 1-7 '65

ARMENIA—BASALT

Economic problems in using basalt as a new material in stone cutting. K. Simonian, R. Hovhannisyan, K. Yrlov. Prom. Arm. 8 no. 8 11-16 Ag '65

ARMENIA—BONUS SYSTEM

Vago and bonus system for workers. Prom. Arm. 8 no. 8 73-75 Ag '65

ARMENIA—CHURCH AND STATE

History of the anti-church and anti-Chalcedonian tendency in Armenia in the fourth century. A.D. L.A. I. Patsish. Vest. drev. lit. no. 2 122-130 '65

ARMENIA—COPPER MINES AND MINING—SAFETY MEASURES

State of safety measures at the Kafan Copper Mine. A. Balaban. Prom. Arm. 8 no. 8 13 Ag '65

ARMENIA—DESIGN, INDUSTRIAL

In the special industrial design office. Prom. Arm. 8 no. 8 56-58 Ag '65

ARMENIA—ECONOMIC CONDITIONS

Classification of industrial enterprises of the Armenian Economic Council according to the fulfillment of the gross output production plan in the first six months of 1965. Prom. Arm. 8 no. 7 5 JI '65
Conference on the improvement of efficiency indices of general production. I. Shakhkhanian. Prom. Arm. 8 no. 7 61-66 JI '65
Fulfillment of the gross output plan and the development rate of the industry of the Armenian Economic Council by branch administrations in the first six months of 1965. Prom. Arm. 8 no. 7 3 JI '65
Fulfillment of the production plan for the metal in particular kinds of industrial production by the enterprises of the Armenian Economic Council in the first six months of 1965. Prom. Arm. 8 no. 7 3-4 JI '65

ARMENIA—ECONOMIC RESEARCH

In the Institute of Economics of the Academy of Sciences of the Armenian S.S.R. V. Khodzhanov. Vop. ekon. no. 8 149-150 Jc '65

ARMENIA—ECONOMICS—STUDY AND TEACHING

Permanent seminars for economists and civic workers. I.U. Movsesian. Prom. Arm. 8 no. 7 53-54 JI '65

ARMENIA—ELECTRIC ENGINEERING

Improve the quality of design and installation work. Z. Firunts. Prom. Arm. 8 no. 7 51-52 JI '65

ARMENIA—ELECTRIC EQUIPMENT INDUSTRY—FINANCE

Promote high profitability. B. Tonikian. Prom. Arm. 8 no. 7:9-10 JI '65.

ARMENIA—ELECTRIC EQUIPMENT INDUSTRY—TECHNOLOGICAL INNOVATIONS

Plant of innovators. E. Kechechian. Prom. Arm. 8 no. 8:36-37 Ag '65.

ARMENIA—ELECTRIC LINES—POLES AND TOWERS

The LEP 35 and 110 kw precast lightweight concrete poles. G. Arutunian. Prom. Arm. 8 no. 7:41-46 JI '65.

ARMENIA—FACTORY SANITATION

Competition for the title of the best enterprise in sanitary conditions. Prom. Arm. 8 no. 7:66-67 JI '65.

ARMENIA—FOUNDING

Conference of eastern. N. Manukian. Prom. Arm. 8 no. 8:59-61 Ag '65.

ARMENIA—INDUSTRIAL MANAGEMENT

In the Committee of Party and State Control of the Central Committee of the Communist Party of Armenia and of the Council of Ministers of the Armenian S.S.R. Prom. Arm. 8 no. 7:56-61 JI '65.

In the House of Technology of Armenia. Prom. Arm. 8 no. 6:71-72 Ag '65.

In the Party and State Control Committee of the Central Committee of the Communist Party of Armenia and of the Council of Ministers of the Armenian S.S.R. Prom. Arm. 8 no. 8:67-68 Ag '65.

ARMENIA—INDUSTRIES

Efficiency of basic production funds. R. Babadzhanian. Prom. Arm. 8 no. 7:11-13 JI '65.

ARMENIA—INSTRUMENT MANUFACTURE

Technical and economic substantiation of the type of articles in the manufacture of devices for analytical purpose. A. Mkrtchyan. Prom. Arm. 8 no. 8:17-18 Ag '65.

ARMENIA—LABOR PRODUCTIVITY

Fulfillment of the labor productivity plan in the Armenton industry in the first six months of 1965. Prom. Arm. 8 no. 7:5 JI '65.

ARMENIA—LIGHTWEIGHT CONCRETE

Lightweight concrete based on air-entrained fillers. R. Sarkisian, K. Davtian. Prom. Arm. 8 no. 7:48-50 JI '65.

Stone concrete based on natural porous fillers. K. Mikheev. Prom. Arm. 8 no. 8:11-13 Ag '65.

ARMENIA—LIGHTWEIGHT CONCRETE PRODUCTS

The LEP 35 and 110 kw precast lightweight concrete poles. G. Arutunian. Prom. Arm. 8 no. 7:41-46 JI '65.

ARMENIA—MARBLE INDUSTRY

Agavean marble (a filler for polyvinyl chloride materials). M. Kazarian. Prom. Arm. 8 no. 7:31-32 JI '65.

ARMENIA—NUTHATCHES

Ecology of small rock nuthatch (*Sitta neumayer rupicola* Blanford) in Armenia. M. S. Adamian. Ornithologia no. 7:157-165 '65.

ARMENIA—PAPER

Improving the transportation, storage, and use of paper. I. A. Poghosian. Poligrafia no. 8:20 Ag '64.

ARMENIA—RELATIONS (GENERAL) WITH UKRAINE

Ukrainsko-armianskaya nauchnaya sessiya. 2d, Kiev and L'vov, 1962. [Historical contacts and friendship between the Ukrainian and Armenian peoples, collection of materials] Istoriicheskie svyazi i družba ukrainakogo i armianskogo narodov; sbornik materialov. Kiev, Naukova dumka, 1965. 182 p. (NIC) (NeU)

ARMENIA—SHOE MACHINERY

Mechanization of shoe-manufacturing processes. A. Aramagian. Prom. Arm. 8 no. 8:18-20 Ag '65.

ARMENIA—SOFT DRINKS

New kinds of soft drinks. F. Zaz'ian. Prom. Arm. 8 no. 8:32-33 Ag '65.

ARMENIA—STANDARDIZATION

Standardization is an important potentiality in industry. E. Agadzhanian. Prom. Arm. 8 no. 7:6-8 JI '65.

ARMENIA—STONE, CAST

Economic problems in using basalt as raw material in stone casting. K. Simonian, R. Bogdanian, K. Arakova. Prom. Arm. 8 no. 8:14-16 Ag '65.

ARMENIA—TECHNICAL EDUCATION

In the House of Technology of Armenia. Prom. Arm. 8 no. 7:43-64 JI '65.

ARMENIA—TECHNOLOGICAL INNOVATIONS

Brief news. Prom. Arm. 8 no. 7:67 JI '65.
Brief news. Prom. Arm. 8 no. 8:72 Ag '65.

ARMENIA—TEXTILE INDUSTRY—HYGIENIC ASPECTS

With a thought for men. A. Topalishian. Okhr. truda i sdel. stani. 8 no. 11:22-23 N '65.

ARMENIA—THEATER—PRODUCTION AND DIRECTION

Formation of the concept of staging in the Soviet Armenian theater. A. G. Kocharian. Izv. AN Arm. SSR. Obshchestv. nauki no. 9:53-74 '65.

ARMENIA—TRADEMARKS

Our trade-mark is our honor. Prom. Arm. 8 no. 8:3-6 Ag '65.

ARMENIA—WAGES

Wage and bonus system for workers. Prom. Arm. 8 no. 8:73-75 Ag '65.

ARMENIA—WOODWORKING INDUSTRIES—TECHNOLOGICAL INNOVATIONS

Introduction of new equipment is a basis for technical development. G. Shaginian. Prom. Arm. 8 no. 7:37-39 JI '65.

ARMENIAN WIT AND HUMOR

Hagop Baronian's "National pillars." G. Kh. Stepanian. Izv. AN Arm. SSR. Obshchestv. nauki no. 9:75-112 '65.

ARMENIANS see subdivision under Poland

ARMIES see subdivision 'Army' under Russia

AROMATIC COMPOUNDS

Mechanism of termination of kinetic oxidation chains by means of radical stabilizers. M. S. Khlopiankina and others. Khim. kat. 5 no. 3:304-306 My-Je '65.

AROMATIC PLANTS

Nepeta transcaspica Grossh., a promising aromatic plant. A. I. Mekevkina. Rast. res. 1 no. 3:410-419 '65.

Sixth meeting of the Coordinating Council of the Ministry of Agriculture of the U.S.S.R. on the problem "Development of scientifically justified measures for the increase of production and improvement of the quality of oilseed and aromatic plants." V. S. Sokolov, A. E. Grashchenkov. Rast. res. 1 no. 3:483-484 '65.

ARRHYTHMIA

Rhythm disorders in intracardial V-type thrombus in the presence of patent ductus arteriosus, aortic coarctation and aneurysm of the pulmonary artery. D. Dimitrov and others. Kardiologiya no. 3:78-80 '65.

ARRHYTHMIA—PREVENTION

Treatment and prevention of seizures of paroxysmal tachycardia. B. R. Rubanovskii. Sov. med. 28 no. 3:21-27 Mi '65.

ARSENIC

Effect of arsenic and mercury on the course of catalytic and electrolytic reactions on ruthenium. T. N. Stokanovskaya, G. P. Khomchenko, G. D. Vovchenko. Vest. Moak. un. Ser. 2: Khim. 20 no. 1:81-84 JI-Ag '65.

ARSENIC ELECTRODES see Electrodes, Arsenic

ARSENIC SELENIDES—PHOTOELECTRIC PROPERTIES

Impurity photoconductivity in single-crystal and vitreous arsenic selenide. B. T. Kolomiets, G. I. Stepanov. Fiz. tver. tela 7 no. 9:2698-2700 S '65.

ARSENIC SULFIDES

Interaction between As₂S₃ and PbS. N. T. Kolomiets, I. U. A. Polukov. Izv. AN SSSR. Neorg. mat. 1 no. 5:721-724 My '65.

ARSHAN (CHITA PROVINCE)—MINERAL WATERS

Changes in gastric secretory function in diseases of the stomach during a prolonged use of mineral water at Arshan Health Resort. M. L. Khotkina and others. Shor. nauch. rab. vrach. san.-kur. uchr. profsotuzov no. 1:81-89 '64.

Treatment of chronic angiodysentery at Arshan Health Resort. S. S. Pozdnev, L. G. Levina, A. I. Kudravykh. Shor. nauch. rab. vrach. san.-kur. uchr. profsotuzov no. 1:126-131 '64.

ART

Akademiya khudozhestv SSSR, Institut teorii i istorii izobrazitel'nykh iskusstv. [History of Soviet art] Istoriya sovetskogo iskusstva. Moskva, Iskusstvo, Vol. 1. [Painting, sculpture, graphic art] Zhivopis', skulptura, grafika. 1965. 302 p. illus.

In the multicolored world of art. E. Veltutseva. Bibliotekar' 43 no. 10:30-31 O '65.

ART—BIBLIOGRAPHY see Bibliography—Art

ART—EXHIBITIONS see subdivision under Leningrad

ART—TECHNIQUE

Akademiya khudozhestv SSSR, [School of the fine arts in ten numbers] Shkola izobrazitel'nogo iskusstva v desyati vypuskakh. Moskva, Iskusstvo, No. 3. Izd. 2., 1. apr. 1. dop. 1965. 209 p. illus.

ART AND INDUSTRY

Aesthetics of industrial production. L. Bezmozdin. Stroitel'stvo i khim. 6 no. 9:36-38 S '65.

ART INDUSTRIES see subdivision under Azerbaijan, Moldavia, Ukraine

ARTASHAT REGION (ARMENIA)—WINE AND WINE MAKING

Technology of making the Cahors-type wine. N. Kazimov, A. Kalantarian. Prom. Arm. 8 no. 8:26-29 Ag '65.

ARTELS see Cooperative societies

ARTERENOL see Noradrenalin

ARTERIES—DISEASES

Arterial osmotherapy as a fundamental component in the compound treatment of obliterating endarteritis. I. A. Osipian. Zhur. eksp. i klin. med. 2 no. 5:31-36 '62.

Arteriography in vascular syndromes of the vertebro-basilar system. S. Stefanov. Zhur. nevrolog. i psikh. 65 no. 10:1502-1508 '65.

Clinical aspects and diagnosis of aneurysms of the middle cerebral artery. A. S. Kuznetsov, B. M. Nikiforov. Zhur. nevrolog. i psikh. 65 no. 10:1441-1446 '65.

Diagnosis of occlusive lesions of the branches of the aortic arch. I. U. Eliezerov and others. Sov. med. 28 no. 3:15-21 Mr '65.

Shabanov, M. Sh. [Arterial system of the human lower extremities under normal conditions and in endarteritis obliterans] Arterial'naya sistema nizhnego konchelnosti cheloveka v norme i pri obliteriruyushchem endarterite. Aktyubinsk, 1964. 248 p. (DNLM)

Spinal insult in osteochondrosis of the spine. I. P. Kolomoitseva, E. V. Makarova. Trudy i-go MMI 38 176-196 '65.

ARTERIES—INFLAMMATION

Laboratory control of the treatment of endarteritis obliterans. T. G. Varshavskaya, G. S. Gletova. Shor. nauch. rab. vrach. san.-kur. uchr. profsotuzov no. 1:168-172 '64.

Rheovasography for the evaluation of a lumbar novocaine block applied with A. V. Vishnevskii's method in endarteritis obliterans. V. M. Novikov. Klin. khir. no. 2:11-13 '65.

ARTERIES—LIGATURE

Effectiveness of revascularization of the testis by the directed change of their blood supply, experimental study. E. P. Mel'man and others. Urologiya 20 no. 3:16-21 My-Je '64.

ARTERIES—RADIOGRAPHY

Arteriography in vascular syndromes of the vertebro-basilar system. S. Stefanov. Zhur. nevrolog. i psikh. 65 no. 10:1502-1508 '65.

ARTERIES—SURGERY

Comparative evaluation of physical factors in the effect of stress on the walls of functioning arterial vessels at the sites of their junction according to intraluminal extramural principles. G. A. Asolian, J. V. Nikhlin. Vest. AN SSSR no. 4:83-70 '65.

ARTERIES—WOUNDS AND INJURIES

Diagnostic errors in lesions to major arteries in extremities. K. M. Muzyka, N. A. Shor. Klin. khir. no. 2:44-46 '65.

ARTERIOSCLEROSIS

Changes in the cholesterol and lecithin content in the blood of patients with arteriosclerosis according to the stages of the disease. Z. I. Umidova, O. A. Kuz'menko. Shor. nauch. rab. TashGMI 22:36-43 '62.

Clinical course in coronary atherosclerosis. G. A. Nargizian. Zhur. eksp. i klin. med. 5 no. 1:124-124 '65.

Pathological anatomy and pathogenesis of pulmonary hypertension in chronic insufficiency of the left ventricle caused by atherosclerosis and hypertension. Kh. M. Odina. Kardiologiya no. 3:22-28 '65.

Steroid hormones and atherosclerosis. M. A. Krekhova. Vest. AN SSSR 20 no. 10:24-35 '65.

ARTHRITIS

Treatment of scapulohumeral periarthritis with peri- and intra-articular hydrocortisone injections. K. Katalaps. Shor. nauch. rab. vrach. san.-kur. uchr. profsotuzov no. 1:178-181 '64.

ARTHRITIS, RHEUMATOID

Results of the treatment of infectious nonspecific (rheumatoid) polyarthritis at Yevpatoriya Health Resort. D. L. Ferel'muter. Shor. nauch. rab. vrach. san.-kur. uchr. profsotuzov no. 1:173-177 '64.

State of the vegetative nervous system in true rheumatic fever and infectious polyarthritis. O. K. Kuznetsova. Shor. nauch. rab. TashGMI 24:60-65 '62.

Subluxations in infectious nonspecific polyarthritis. I. U. S. Khomakov. Sov. med. 28 no. 3:97-100 Mr '65.

- ARTHRITIS, RHEUMATOID—PREVENTION**
Prephalaxis of deforming arthritis in some injuries of the capsular and ligamentous apparatus of the knee joint complicated by tenosynovitis. M. L. Abramov. Ortop., travm. i protez. 26 no. 9:61-64 S '65.
- ARTHRODYSIS**
Compression arthrodysis of the hip joint. V. I. Fishkin. Ortop., travm. i protez. 26 no. 5:65-69 My '65.
- ARTHROPLASTY**
Use of amniotic tissue of the human placenta in arthroplasty. M. V. Volkov, V. A. Podkolzin. Ortop., travm. i protez. 26 no. 9:20-23 S '65.
- ARTHROPOD-BORNE VIRUSES**
Conference on arbovirus infections. B. F. Semenov. Vop. virus., 10 no. 2:248-249 Mr-Apr '65.
- ARTHROPODA**
Origin and main stages of the evolution of Arthropoda. Report to L. From annelids to arthropods. A. G. Shirov. Zool. zhur. 44 no. 6:803-817 '65.
- ARTIFICIAL INSEMINATION**
Use of androgens in the artificial insemination to alter the sex ratio in animals. E. M. Vladimirovskaya. Nauch. dokl. vys. shkoly, biol. nauki. no. 4:86-90 '65.
Use of the semen of wild boars in the artificial insemination of domestic brood sows of desirable breeding types. V. A. L. and others. Trudy Inst. eksp. biol. AN Kazakh. SSR. 11:53-56 '65.
- ARTIFICIAL KIDNEY**
Hemodialysis in the treatment of acute renal failure in a 3-year-old child poisoned by mercuric chloride. I. N. Fuchinskii. Urologi., 29 no. 3:56-59 My-Je '64.
- ARTIFICIAL LEATHER** see Leather, Artificial
- ARTIFICIAL LIMBS**
Remedial training prostheses of the leg. I. A. Mendeleev. Ortop., travm. i protez. 26 no. 5:81-85 My '65.
- ARTIFICIAL PNEUMOPERITONEUM** see Pneumoperitoneum, Artificial
- ARTIFICIAL RESPIRATION**
Use of controlled respiration and arterial hypotension with the use of a siphon in surgery of meningovascular tumors of the brain. V. Kh. Raikhshteyn. Vop. neirokhir. no. 1:51-53 '65.
- ARTIFICIAL SATELLITES**
Photographic observations of "Echo-2" entering the earth's shadow. L. M. Genkina, N. N. Denisuk, E. S. Eroshovich. Astron. zhur. 42 no. 5:1117-1119 S-O '65.
[Space research] Ref. zhur. Issl. kosm. prost. nos. 10-11 O-N '65.
- ARTIFICIAL SATELLITES—SCIENTIFIC APPLICATIONS**
Preliminary results of studying the nuclear component of cosmic rays with the aid of the artificial satellite "Elektron-2." L. V. Kurnosova and others. Izv. AN SSSR. Ser. fiz. 29 no. 10:1853-1858 O '65.
Study of low-energy charged particles with the aid of the artificial satellites "Kosmos-12," "Kosmos-15," and "Elektron-2." S. N. Vernov and others. Izv. AN SSSR. Ser. fiz. 28 no. 10:1794-1799 O '65.
- ARTIK REGION (ARMENIA)—VOLCANIC ASH, TUFF, ETC.**
Quarrying tuff of Artik deposit. M. Iuzbashv. Prom. Arm. 8 no. 7:13-15 Ji '65.
- ARTISTS—CORRESPONDENCE, REMINISCENCES, ETC.**
Neradovskii, P. I. [From the life of an artist] Iz zhizni khudozhnika. Leningrad, Khudozhnik RFSR, 1965. 198 p.
- ARZNI (ARMENIA)—MINERAL WATERS**
Use of diluted Arzni mineral water baths in the treatment of coronary insufficiency in hypertension. N. R. Ghandzhetian. Zhur. eksp. i klin. med. 5 no. 1:85-89 '65.
- ASALINE**
Results of the use of asaline in a clinic. G. V. Kruglova. Vop. onk. 11 no. 10:10-16 '65.
- ASBEST (SVERDLOVSK PROVINCE)—CAISSONS**
Unique caisson well. I. Bystrov, V. Bystrova. Na stroi Ross. 6 no. 9:17-18 S '65.
- ASBESTOS**
Methods for the production of synthetic asbestos. A. D. Fedoseev. Vest. AN SSSR. 35 no. 10:46-48 O '65.
- ASBESTOS CEMENT**
Attention! competition. Izobrazitel, no. 7:4 '65.
- ASBESTOS CEMENT—TESTING**
Method of mechanical testing of sheet asbestos cement. P. A. Stefanovich. Stroi. mat. 11 no. 10:21-22 O '65.
- ASBESTOS-CEMENT PIPE** see Pipe, Asbestos-cement
- ASCARIDS AND ASCARIASIS** see subdivision under Armenia
- ASCITES**
Effect of the ascitic fluid on the adhesion of ascitic tumor cells and L-fibroblasts to glass. I. U. A. Rovenski, V. M. Buhman. Biol. eksp. biol. i med. 60 no. 9:99-100 S '65.
Reproduction of experimental hepatitis and liver cirrhosis associated with jaundice and ascites, histological and histochemical studies. V. I. Metel'ten. Arph. pat. no. 10:21-29 '61.
- ASCOCHYTA**
Disinfecting pea seeds infected with Ascochyta. M. A. Darozhkin, A. M. Azharchich. Vest. AN SSSR. Ser. sel'sk. hosp. nav. no. 2:72-76 '65.
- ASCOMYCETES**
Plant growth stimulators produced by Taphrina fungi. T. I. Drakina. Mikrobiologiya. 34 no. 1:702-706 Ji-Ag '65.
- ASCORBIC ACID**
Apparatus for determining the effect of vacuum on the destruction of vitamin C and ascorbin in food products. I. U. L. Gordon, R. A. Khilakina. Kons. i ov. prom. 20 no. 7:40-41 Ji '65.
- ASEEV, NIKOLAI NIKOLAEVICH, 1889-1963**
Moldavskii, D. M. Nikolai Aseev. Moskva, Khudozhestvennaya literatura, 1965. 150 p.
- ASH (TECHNOLOGY)**
Bactericidal action of the ash of herbaceous plants treated with calcium hydroxide. A. A. Polnikov, A. P. Alfimov. Trudy VNIIS. 24:25-30 '64.
- ASHKHABAD—BOOKSELLERS AND BOOKSELLING**
When the book trade lags behind life. I. U. Subbotin. Kniz. torg. 16 no. 4:19-20 Ap '65.
- ASHKHABAD—JET STREAM**
Critical aerodynamic analysis of the period of June 6-9, 1959, with extremely strong jet stream over Ashkhabad. M. V. Burkova, V. A. Dzhorzhiko. Trudy Stod. -Az. nauch.-issl. gidrometeor. inst. no. 20:69-85 '65.
- ASHKHABAD—PARKS**
Microclimate of planted areas in Ashkhabad. M. Saranova. Stroi. i arkhit. Uzb. 6 no. 1:29-31 Ja '65.
- ASHKHABAD—PETROLEUM INDUSTRY—AUDITING AND INSPECTION**
Kandymov, Atagel'dy. [Eyes of the time] Glaza vremeni. Ashkhabad, Turkmenizdat, 1965. 16 p.
- ASIA—DESERT FLORA**
Origin of the flora of Old World deserts in connection with the survey of the genus Nitaria L. F. G. Bobrov. Bot. zhur. 50 no. 8:1053-1067 Ag '65.
- ASIA—FINANCE**
Akademii nauk SSSR, Institut naukov Azii. [State finance of the non-socialist countries of Asia] Gosudarstvennye finansy nesotsialisticheskikh stran Azii. Moskva, Nauka, 1965. 373 p.
- ASIA—HISTORIOGRAPHY**
Leningrad Universitet [Historiography and the science of historical sources on the history of Asian countries; materials of the Interuniversity conference of January 25-27, 1963] Istoriografiya i istochnikovedeniya istorii stran Azii; materialy mezhdunarodnogo nauchnogo konferentsii 25-27 yanvarya 1963 g. [Leningrad] Izd-vo Leningr. univ., 1965. (CSI-II)
- ASIA, CENTRAL—DARKLING BEETLES**
New species of darkling beetles (Coleoptera, Tenebrionidae) from the regions of Central Asia adjacent to Kazakhstan. N. G. Skopin. Trudy Kaz. NIIZR. 8:371-308 '64.
- ASIA, CENTRAL—HISTORY**
Khalifa, N. A. [Incorporation of Central Asia into Russia; from the 1800's to the 1890's] Prisoedineniye Srednei Azii k Rossii (80-90-e gody XIX v.). Moskva, Nauka, 1965. 460 p.
- ASIA, SOUTHEASTERN—POLITICS**
An ominous cloud over Asia. B. Zaitsev. Az. i Afr. sog. 9 no. 10:18-21 O '65.
- ASIA, SOUTHEASTERN—TRADE UNIONS**
[Trade unions of the countries of southeastern Asia] Profsoyuzy stran Yugo-Vostochnoi Azii [Moskva] Profdat, 1964. 78 p. (Profsoyuz mirn) (CSI-II)
- ASIA, SOVIET CENTRAL** see Soviet Central Asia
- ASIA MINOR—ETHNOLOGY**
Rise of the Hittite Kingdom and the problem of the earliest inhabitants of Transcaucasia and Asia Minor. G. A. Melikishvili. Vest. drev. ist. no. 1:3-30 '65.
- ASIATIC CHOLERA** see Cholera, Asiatic
- ASPARTIC ACID METABOLISM**
Role of N-acetyl-L-asparaginate acid in brain lipase metabolism. G. Kh. Dumatian. Uzb. biokhim. zhur. 37 no. 5:679-680 '65.
- ASPERGILLUS**
Malate dehydrogenase and glyoxalate reductase of Aspergillus niger. A. S. Dzhuma, V. I. Yakovleva, V. I. Pavlovich. Biokhimiya. 40 no. 5:596-603 S-O '65.
- ASPHALT CONCRETE**
[see also subdivision under Tashkent]
Using infrared rays in asphalt concrete construction. S. M. Bagdadyanov and others. Avt. dokl. 26 no. 0:20-22 S '65.
- ASPHYXIA**
Morphological changes in the spinal cord of the ferret in fatal intrauterine asphyxia. N. I. Popova. Akush. i ginek. no. 2:65-69 '65.
- ASPHYXIA NEONATORUM**
Muscular activity of infants born in asphyxia. A. D. Dul'a. Akush. i ginek. no. 2:67-68 '65.
- ASPIUS** see subdivision under Aral Sea
- ASSEMBLY—LINE METHODS**
[see also subdivision under Uzbekistan]
Automated method of planning assembly-line organization of operations (AMPIOR). I. U. Sheinuk, I. U. Lyayeva, L. P. Khort. Vych. i org. tekhn. v stroi. i prom. no. 2:18-20 '64.
Automatic line for the manufacture of dimension stock. N. O. Nekhamkin, V. I. Sanev. Duna. i drev. prom. no. 11:5-8 Ja-Mar '65.
Completely mechanized carding section. V. N. Gerasimov, A. F. Kuloshin, S. T. Khamanov. Tekst. prom. 25 no. 10:26-30 O '65.
Development of grain harvesting combination and units for straw harvesting. M. A. Putyagin. Trakt. i sel'khoz. mash. no. 8:17-20 Ag '65.
Effect of the layout on the reliability and effective capacity of a molding section of an automatic foundry line. A. G. Starovoi. Lit. proizv. no. 9:19-20 S '64.
From the experience in the operation of the TN-2 unit. N. A. Tikhonov. Mashin. i prom. 31 no. 7:43-42 '65.
Fully automated assembly line in foundry practice. V. N. Fomin. Lit. proizv. no. 9:13-17 S '65.
Organization of continuous lines for the cleaning and inspection of fabric in knit mills. I. Z. Benkin, A. A. Novozhilov. Tekst. prom. 25 no. 10:34-38 O '65.
Performance of the SHAZ wrapping machines in the continuous line. G. I. Makhilov, I. U. Ugalnikov, G. I. Kogan. Mash. i kond. prom. 9 no. 6:37-40 '65.
Principles of the technological and operational design of assembly-line construction with the aid of electronic computers. V. I. Sadovskii. Vych. i org. tekhn. v stroi. i prom. no. 3:2-0 '64.
Prospects for and trends in the work on textile machinery. G. D. Petrov, B. I. Makol'mov. Trakt. i sel'khoz. mash. no. 8:21-24 Ag '65.
Reconstruction of corn-handling continuous lines into multi-purpose ones. A. Gudin, B. Melnik. Zakup. sel'khoz. prod. no. 5:35-38 My '65.
Relationship between automatic assembly and the construction of parts in units and machines. V. V. Ivanov. Vest. mashinost. 45 no. 9:45-48 S '65.
Some problems of precision in automatic assembly of parts having cylindrical conjugating surfaces. A. A. Gusev. Izv. vys. ucheb.-nav. mashinost. no. 11:64-169 '65.
Some problems of the analysis of the power process of continuous conveyor lines for the repair of freight cars. V. D. Slonopov. Trudy OMIIT. 43 pt. 2:127-141 '61.
Speed rate equalizer in the pressing out of matted products on the "I. M." continuous production line. B. I. Gantkov, I. U. Yudin, V. I. Kulagin, Khkh. i kond. prom. 9 no. 8:10-12 S '65.
Standardization and mechanization of assembly systems. A. A. Yakubovich. Vest. mashinost. 45 no. 9:72-73 S '65.
Standardization of equipment in an important factor in the lowering of the costs of continuous production lines in wool spinning. V. A. Novak. Tekst. prom. 25 no. 10:30-41 S '65.
- ASSOCIATIONS, INSTITUTIONS, ETC.** see subdivision under Armenia
- ASSYRIA—SOCIAL CONDITIONS**
Social structure of the New Assyrian Empire. V. A. Jakobson. Vest. drev. ist. no. 11:100-117 '65.
- ASTHMA**
Change in the dynamics of contraction of the right ventricle in bronchial asthma in children. I. U. L. Pavlovich. Soob. AN Gruz. SSR. 39 no. 3:729-735 S '65.
Pathogenesis of an attack of cardiac asthma. G. S. Dadianov. Zhur. eksp. i klin. med. 2 no. 9:75-79 '62.
Phasic structure of cardiac contractions in patients with cardiac asthma. A. A. Stupitskii. Kardiologiya. no. 3:55-58 '65.

ATMOSPHERIC TURBULENCE (Continued)

The most simple and accurate method of calculating the turbulent coefficient in the surface layer. L. V. Dubrovin, Shor, rab kumb gidromet obser., no. 2, 55-74 '65.

Possible correctness of the alternative forecast of rough air. E. I. Sofiev, Trudy Sred.-Az nauch.-issl. gidrometeor. inst., no. 20, 244-250 '65.

Scheme for calculating the characteristics of the turbulence of the surface boundary layer. N. P. Gopiyev, Trudy GON, no. 84, 171-181 '65.

Structural functions of turbulence in a stably stratified atmosphere. G. M. Tepin, Izv. AN SSSR Fiz. atm. i okeana, no. 10, 1091-1094 '65.

ATOMIC POWER PLANTS see subdivision under Obninsk (Kaluga Province)

ATOMIC POWER PLANTS—WATER SUPPLY

Transition of ammonia from water solutions to saturated steam. O. I. Matynova and others, Teploenergetika, no. 12, 10, 73-79 '65.

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC SPECTRA

Coherent excitation of the optical spectra of atoms flying through a crystal. V. V. Okorokov, Pis'ma v red. Zhur. eksper. i teor. fiz., 2 no. 4, 175-179 Ag '65.

ATOMIC SUBMARINES

Important event in the history of navigation. I. A. Galkin, S. E. Gorlatov, Probl. Arkt. i Antark., no. 20, 84-91 '65.

ATOMIC WEAPONS—INTERNATIONAL CONTROL

A constructive program for strengthening peace. Mezhdunar. zhizn', no. 11, 3-8 N '65.

A "no" to nuclear weapons. V. Berezhev, Nov. vrem., no. 47, 10-11 N '65.

The U.N. and nuclear weapons. N. Fedorchenko, Nov. vrem., no. 44, 3-5 O '65.

ATOMIZATION

Atomizer for burning liquid phosphorus. A. S. Mozukhin, Khim. i nef. mashinost., no. 9, 35 '65.

Horizontal multistage atomizing extractor. N. I. Gel'perin and others, Khim. i nef. mashinost., no. 9, 1-3 S '65.

Some aspects of the kinetics of particle adhesion in liquid media. A. D. Zimon, N. G. Kleishin, Koll. zhur., no. 5, 685-689 S-O '65.

ATROPHY, MUSCULAR

Case of Werdnig-Hoffmann's infantile spinal amyotrophy. F. A. Monchak, Trudy Vor. med. inst., 51, 239-244 '63.

ATROPINE

Methodology for the quantitative determination of atropine in the leaves of belladonna and datura. Z. R. Kuskova, Apt. delo, no. 1, 69 Ja-F '65.

ATTORNEY AND CLIENT

Good helpers. L. Patonova, M. Oleinikov, Sov. iust., no. 19, 29 S '65.

Problems in need of solutions. D. Basher, Rad. pravo, no. 7, 80-91 O '65.

AUDIO-VISUAL EQUIPMENT

Our "home teachers." L. T. Sesaruk, Sem'ia i shkola, no. 8, 17 S '65.

AUDITING AND INSPECTION

(see also subdivision under Black Sea Economic region; Lithuania)

About the formation of organs of party-state control. Part. zhizn', no. 22, 48 N '65.

Barmine, V. V. [Analysis of the managerial operations of enterprises engaged in civil improvement.] Analiz khoz. iatsvennot. delatel'nosti predpriyatiy po blagoustroystvu gorodov. Moskva, Finansy, 1965, 83 p.

AUKS

(see also subdivision under Bering Sea; Kurile Islands)

Evolutionary significance of the transformations of the ear part of the skull in auka. V. D. Hichev, N. N. Kartashev, Zool. zhur., no. 6, 937-940 '65.

AURANTIN

Functional changes of giant chromosomes under the influence of inhibited RNA synthesis. I. I. Kiknadze, Tsitologiya, no. 7, 311-318 My-Je '65.

AURORAS

Geographic distribution of auroral-type absorption according to data of vertical sounding of the ionosphere. A. S. Buzprozvannaya, Probl. Arkt. i Antark., no. 20, 68-74 '65.

AUSTRIA—POLITICS AND GOVERNMENT

Crisis in the Austrian Government. G. Schnitzke, Nov. vrem., no. 44, 16 O '65.

AUTHORS see subdivision under White Russia

AUTHORS, ESTONIAN—CORRESPONDENCE, REMINISCENCES, ETC

For a comprehension of the social. Andu Hint, Vop. It. 9 no. 10, 101-111 O '65.

AUTOCLAVES

Controlling pressure in an autoclave battery and level in a first stage separator. A. D. Gerlein, Tsvet. met., no. 30, 6-79 Je '65.

Digester relief gases in sulfate pulping. A. I. Sinitsyn, A. B. Marshak, T. B. Egorova, Bum. prom., no. 8, 15-17 Ag '65.

Laboratory autoclave for work with corrosive media. M. M. Gol'dman, V. G. Roshchupkin, Trudy Inst. met., no. 1, obog. AN Kazakh. SSR, 14, 76-77 '65.

New data on physical processes taking place in the autoclave treatment of cellular concrete. K. F. Lomonov, Stroitel'sk. Len., no. 27, no. 0, 21-22 Ag '65.

AUTOCLAVES—CORROSION

Inspection of the condition of the metal of digester shells. Sh. P. Meshkha, Bum. prom., no. 7, 20 Ji '65.

AUTOIMMUNE DISEASES

Antithyroid antibodies and their significance in autoimmune diseases of the blood system and other systems of the body. M. I. Chernenko and others, Gemat. i perel. krov', no. 1, 228-230 '65.

Autoimmune processes in diseases of the thyroid gland. A. M. Rasnik, Vest. AMN SSSR, no. 20, 10, 47-58 '65.

Study of autoantigens in the blood of schizophrenics. L. A. Shukalova, Trudy Vor. med. inst., 51, 230-238 '63.

AUTOMATIC CONTROL

Accuracy of predicting systems. V. I. Vasilyev, B. K. Svetitskiy, Avtomatyka, no. 10, 4, 21-30 '65.

Algorithm for teaching an open-loop optimizing control system the control of situations. I. U. M. Chekhoviy, I. P. Kerekesner, Avtomatyka, no. 10, 4, 41-44 '65.

Algorithmation of optimal selection of parameters of complex systems for the control of their operational capability. O. G. Alekseev, V. G. Staroselskiy, Avtom. i telem., no. 26, 9, 1631-1638 S '65.

Aliiev, T. M., A. M. Melik-Shakhmurov, and I. I. Shain, [Automatic a.c. compensating devices.] Avtomatichesk. kompensatsionnye ustroystva peremennogo toka, Baku, Azerbaidzhan. gos. izd-vo, 1965, 359 p.

Analysis of automatic control systems using signal flow graphs, graphical method. V. V. Kleshechov, Avtomatyka, no. 10, 4, 87-92 '65.

Analysis of the efficiency of work output of the automated ore dressing section in the Kivoryog Central Mining and Ore Dressing Combine. A. S. Davidovich and others, Met. i gornorud. prom., no. 4, 94 Ji-Ag '65.

Analytical design of controllers for processes with distributed parameters. T. K. Sirozetdinov, Avtom. i telem., no. 9, 1481-1488 S '65.

Autocorrelation and spectral methods for measuring speed of motion. S. F. Kozubovskiy, Avtomatyka, no. 10, 4, 31-36 '65.

Automatic control and regulation of woodpulp rigidity during chlorination. L. L. Gurevich and others, Bum. prom., no. 7, 11-14 Ji '65.

Automatic control of a multichamber tubular furnace. O. F. Shestikhin, Prom. energ., no. 10, 41-42 O '65.

Automatic control of a process of mixing of several components. V. S. Kostohryzov, E. M. Kravchuk, Avtomatyka, no. 10, 4, 55-59 '65.

Automatic control of an object with pure delay by a controller with switch parameters. Part 1. L. K. Shigin, Avtom. i telem., no. 10, 1864-1871 O '65.

Automatic control of platform-type feed distributors. O. Goriachev, Tekh. v. sel'khoz., no. 25, no. 6, 20-30 Je '65.

Automatic control of the feeding of a grain combine. R. Kalimullin, Trakt. i sel'khoz. mash., no. 8, 20-21 Ag '65.

Automatic control of the salt dissolving process. L. S. Genkin, Khim. i kond. prom., no. 9, 6, 35-38 Je '65.

Automatic control of the temperature conditions in the continuous hydrogenation of oils and fats. S. V. Luchkov and others, Mashinost. i prom., no. 10, 14-15 O '65.

Automatic control system for railroad signaling with the control of switches from the cabin of an electric train's engineer. V. V. Krivuchkov, S. F. Filipov, G. M. Erlikh-Melamed, Gor. zhur., no. 8, 63-65 Ag '65.

Automatic device for determining saturation pressure in a well. T. P. Ivanov, G. F. Timakov, Neftprom, delo, no. 8, 20-34 '65.

Automatic guiding systems for screen and felt setting. A. S. Babinskiy, Pov. skor. bumagodel. mash., no. 1, 3-37 '62.

Automatic line for the production of annealed sheet glass. V. I. Vanin, Stk. i ker., no. 2, 30-31 Mr '65.

Automatic unit for determining the concentration of ammonia nitrogen. V. I. Yurov, V. A. Malchuk, Khim. i tekhnol. Khim. i kum. prom., no. 9, no. 10, 21-24 O '65.

Automating gas-distribution stations. G. A. Cheladyn, V. V. Gromov, Gaz. delo, no. 2, 15-17 '65.

Automating the process of preparing cast iron with spheroidal graphite. E. A. Goltman, Lit. proizv., no. 9, 11-13 S '65.

Automation of coke oven heating systems. I. U. K. Nikitin, V. P. Kurguzkin, I. P. Koshchinskii, Stk. i khim., no. 3, 18-23 '65.

Automation of compressor stations at the Degtyarka Copper Mine. N. E. Indenbaum, Gor. zhur., no. 8, 37-42 Ag '65.

Automation of electric power supply units of small electric power stations. I. U. K. Vukob, Trudy Uchen. sel'khoz. inst., no. 10, 2, 181-173 '64.

Automation of the separation of waste sand refuse after polygonal screening. R. M. Gaisin, G. N. Nedelko, Lit. proizv., no. 9, 45-48 S '64.

Automation of the subassemblies of refrigeration plants for petrochemical industries. V. N. Koshkov, Khim. i tekhnol., no. 5, 61-64 S-O '65.

Calculation of a realizable transfer function of a closed-loop automatic control system using the minimum criterion of the root-mean-square error. V. P. Fedulin, Avtom. i telem., no. 20, no. 9, 1521-1532 S '65.

Calculation of magnetoelectric torque transducers with similar change of their design parameters. T. I. Agasheva, Izv. vuz. ucheb. zav., elektromekh., no. 3, 952-953 '65.

Control of the thickness of the leather sole parts. O. H. Rylov, H. A. Plukor'skiy, Lek. prom., no. 2, 34-39 Ap-Je '65.

Control system using models operating in an accelerated time scale. V. I. Dutsenko, G. S. Chukhai, Lit. proizv., no. 59, 103-111 '65.

Criterion of the absolute stability of multiply connected pulse systems with nonstationary characteristics of linear elements. I. A. Z. Tsyphkin, M. S. Bel'man, Izv. AN SSSR, no. 1, 151-54 N '65.

Determination of optimal weight coefficients of a discretely distributed receiving device. V. L. Volkov, b. Avtomatyka, no. 10, 4, 77-75 '65.

Determination of time spent by an operator in the solution of problems in the control of a machine power plant. V. I. Nikolaev, Izv. AN SSSR, Energ. i transport, no. 4, 140-145 Ji-Ag '65.

The dispatching service of a tract. S. Valodkin, I. Tishchenko, Ekonom. otch., no. 10, 41-13 O '65.

Economic expediency of the centralization and rationalization of petroleum-production processes. H. E. Obidov, Neftprom, delo, no. 6, 30-31 '65.

Effect of the parameter of drift of an object on the stability and quality of transient processes in systems with a Smith-type linear advance unit. V. I. A. Reteh, H. G. Shafelchuk, Izv. vuz. ucheb. zav.; elektromekh., no. 10, 110-123 S '65.

Effective means of eliminating manual work in the petroleum industry. A. G. Akhmetshina, Neftprom, delo, no. 9, 27-30 S '65.

Effects of the deviation of the parameters of linear systems with indirect measurement of perturbations. I. I. Dekhtarenko, Avtomatyka, no. 10, 4, 10-20 '65.

Electric field of a controlled electrochemical cell. V. V. Tretov, V. S. Borovkov, Elektrokhimia, no. 9, 1130-1133 S '65.

Existence of an optimal Lyapunov function and conditions of optimum control for a problem consisting of the analytical construction of regulators. E. G. Albrecht, Avtom. i telem., no. 10, 1301-1311 O '65.

Generators of random numbers for the study of automatic control systems. S. V. Tigorov, A. A. Kozlovskiy, M. F. Madzharov, Trudy MEI, no. 59, 220-244 '65.

Heat-engineering peculiarities in controlling thermal conditions of holding furnaces with nonmixing media. N. I. Tait, V. N. Astashev, Met. i gornorud. prom., no. 4, 39-40 Ji-Ag '65.

Improvement in the construction of the RZMO system. I. U. V. Panajevskiy, V. V. Shupshukov, V. A. Goltman, Tsvet. met., no. 3, 15-17 S-O '65.

Industry-wide conference on problems of elaborating and introducing control systems for complicated operations. V. Kh. Galov, Vych. i org. tekhn. i stroit. i proek., no. 1, 108-110 '64.

Method for evaluating the conditional damping time of the correlation functions of a certain class of random processes. I. U. L. Klovov, L. V. Zhuravlov, Avtom. i telem., no. 10, 1695-1702 O '65.

Method for solving a problem concerning maximum response time of objects, the dynamic characteristics of which are determined by an experimental method. A. N. Kharitonov, Trudy MEI, no. 59, 219-228 '65.

Method for the calibration and timing of the sensor of the automatic silk reeling machine. B. I. Kontin, Lek. prom., no. 2, 68-69 Ap-Je '65.

Modernization of AT-175-Sh looms. G. I. Chuzh, F. A. Kapiton, Lek. prom., no. 2, 66-67 Ap-Je '65.

Multipoles containing closing contacts of internal relays. A. G. Lunts, Dokl. AN SSSR, no. 1, 17-20 N '65.

AUTOMATIC CONTROL (Continued)

- Need for consolidation of actions Pozh delo no 9 1-2 S '65
- New system of automatic speed control Zhel dor transp. 47 no 10,82 O '65
- Numerical method for determining transient processes of nonlinear automatic systems using digital computer based on the calculation of the convolution integral A.V. Val'feyn Izv. vuz. ucheb. zav., elektromekh. 8 no 6,811-840 '65
- Operational amplifiers and multipliers for automatic control systems B.I. Kontorovich Shor. ot NITIA ZIMASHILA Uralmashzavoda no 7 63-103 '65
- Optimal processes in a third-order system with complex poles N.N. Mikhtilov, Zh. A. Novosel'tseva, Avtom. i telem. 26 no 9,1502-1513 S '65
- Optimal rules for the regulation of the power plant during variable resistance of water to the movement of the ship I.U. P. Petrov, Trudy LITV no. 61 5-10 '64
- Optimal transient process in linear systems with fractional rational transfer functions. D.I. Likerman, Izv. vuz. ucheb. zav., prof. 8 no 5,44-48 '65
- Optimization of a discrete industrial process by making a prediction analysis on a control computer. A.A. Belotetskiy, I.U. B. Val'denberg, Avtom. i telem. 26 no 9,1514-1523 S '65
- Optimization of reliability and structure of hierarchical control systems. Part 1. Optimization of reliability A.I. Koevlin, Avtom. i telem. 26 no 10,1764-1770 O '65
- Optimum control processes with stochastic feedback. I.U. I. Parnev, Avtom. i telem. 26 no 10,1672-1681 O '65
- Predictive automatic control systems using dynamic models for one class of objects. N.M. Aleksandrovskiy, S.V. Rgorov, V.P. Meshchkin, Trudy MEI no 50,85-102 '65
- Principles of the optimum control of second-order systems with varying load torque and number of constraints in operation with a cyclic program. I.U. V. Stepanov, Avtom. i telem. 26 no 10,1853-1860 O '65
- Problems in the automatic control of a nonlinear dynamic object. M.V. Gubashvili, N.R. Mentsolidze Soud. AN Gruz. SSR 39 no 1,145-149 Ji '65
- Problems of the theory of optimization of industrial processes. N.N. Koutnik Avtom. i telem. 26 no 10,1682-1694 O '65
- Pulse method for determining the frequency characteristics of sampled-data control systems M.P. Sakharov, Avtom. i telem. 26 no 10,1737-1745 O '65
- Reliability of doubled systems taking into account the nature of switch faults and the comb of network. L.L. Barinaukiy, V.S. Dem'yanchuk Avtomatika 10 no 4, 3-8 '65
- Reliability of protective devices. V.V. Malev, Avtom. i telem. 26 no 9,1606-1613 S '65
- Results of testing devices for the control of fluctuations caused by waves in the canal section between the Kuybyshev locks. A.M. Vlasovets, N.A. Rneev, Trudy LITV no. 64,37-45 '64
- Selection of a maximal system of constraints. I.Sh. Piskner, Avtom. i telem. 26 no 9,1553-1562 S '65
- Selective control system in a 200 Mw block. I.S. Ibrayin, A.G. Chuchko Elek. stn. 36 no 10,15-19 O '65
- Some optimizing functions of single-stage production. V.S. Tanaev, Dokl. AN BSSR 9 no 1,11-14 Ja '65
- Stock concentration regulator A.A. Velikher, A.I. Khodakov Bum. prom. no 8,19-20 Ag '65
- Synthesis of a logical control system for the operation of lock gates. V.M. Ivarshchev, L.A. Semenov, Trudy LITV no. 64,50-50 '64
- A system for the automatic control of fuel proportioning processes in sintering plants. A.G. Astakhov and others, Met. i gornou. prom. no 4,12-13 Ji-Ag '65
- A system for the automatic control of thermal conditions in open-hearth furnaces taking into account the intensity of gas separation from the bath. V.B. Melezhih, Met. i gornou. prom. no 4,70-80 Ji-Ag '65
- Technical and economic requirements of hump yard reinforcers under the conditions of automatic braking of cars. V.E. Pavlov, Shor. trud. LITV no. 216,87-100 '64
- Testing a system for automatically regulating the load on cutting machines B.A. Voklov, IU M. Voevodin Ugol' Ukr. 9 no 10,43 O '65
- Third All-Union Conference on the Invariance Theory and Its Application to Automatic Control Systems. Avtomatika 10 no 4,93 '65
- Trends in the centralized control of woodpulp and paper manufacture. N.S. Pargach, Bum. prom. no 7,28-29 Ji '65
- Use of automatic devices at the Krivoy Rog Basin mines. V.T. Khevnik, Gor. zhur. no 3,36-39 Ag '65
- Use of suction cylinder couches in automatic sheet handling machines. V.I. Skitslunovskiy, Pov. skor. hamagodel, mash. no 1,38-55 '62
- Use of the harmonics balance method in studying unitary-code automatic control systems V.M. Binkovskiy, Avtom. i telem. 26 no 9,1533-1545 S '65

Ways of automatic regulation of the process of cellulose degradation. A.L. Sukhanov, Khim. volok. no 5,60-62 '65

"Zvuk" unit for automating single-stage milling cycles at ore dressing plants. L.N. Ra'nikov, V.V. Pidorich, TSvet. met. 38 no 6,14-18 Je '65

AUTOMATIC CONTROL—ABSTRACTS

[Automatic control, remote control, and computer technology] Ref zhur. Avtom. i telem. i vych. tekhn. nos 10-11 O-N '65

AUTOMATIC CONTROL—MATHEMATICAL MODELS

Modeling and the scientific organization of the work of the operators V. Vende, Sois. trud. 10 no 10,71-77 '65

AUTOMATIC MACHINERY see Machinery, Automatic

AUTOMATIC TIMERS

Electron timer relay with dependent characteristics and with a long delay time at minor time constants V.I. Tsvetkov, Priborostroyeniye no 9,15-17 S '65

AUTOMATION

Attaching manual work. V. Bitunov, Agitator. 38 no 10, 32-35 My '65

Automated method of planning assembly-line organization of operations (AMPPOR). L.I.U. Shelnuk, I.U. A. Ivanov, L.P. Khori, Vych. i org. tekhn. v stroit. i proekt. no 2, 18-29 '64

Automation of compressor stations with electrically driven compressors. I.A. A. Belousov, A.S. Babalan, A.L. Kaplan Za tekhn. prog. 5 no 8,3-6 Ag '65

Automation should meet the challenge of new objectives. G.A. Zubkov, Gor. zhur. no 8,3-6 Ag '65

Features of increase reliability of discrete-type computing and controlling systems. V.B. Svecinskiy, Trudy MEI no 50,245-252 '65

From exhibition stands into production A. Bildman, Inform. biul. VDNKh no 3-25-26 Mr '65

Grekov, V.I. [Automation of production processes in light industry enterprises] Avtomatizatsiya tekhnologicheskikh protsessov na predpriyatiakh legkoi promyshlennosti. Moskva, Legkaya Industriya, 1965. 322 p.

Making an isolated sealed-off steps for an increased work load F.A. Abramov and others Ugol' Ukr. 9 no 10,14-48 O '65

Mathematical description of the process taking place in shaft gear drives. V.I. Zhidko and others Izv. vuz. ucheb. zav., pishch. tekhn. no 5,171-178 '65

Means of automation for automatic molding lines. V.V. Chernyshev, Lit. proizv. no 8,12-17 Ag '64

Methodology of designing automated systems of planning and control of construction in the U.S.S.R. V.S. Siniak, Vych. i org. tekhn. v stroit. i proekt. no 2,2-13 '64

Present status and prospects of the mechanization and automation of engineering and management work in the heavy machinery industry. M.G. Umingin, Vest. mashinost. 45 no 9,73-75 S '65

Prospects for nonless coal mining by means of machine units. M.I. Barmut, I.L. El'kin, N.N. Golovin Ugol' Ukr. 9 no 10,48-49 O '65

Roof control in steeply pitched seams. G.V. Khalagot, Ugol' Ukr. 9 no 10,19-50 O '65

Seminar on mechanization and automation of engineering and technical-economic calculations in structural design. N.I. Urovtalaka, Vych. i org. tekhn. v stroit. i proekt. no 3,95-98 '64

Study of experiences in the mechanization and automation of coal preparation and coking shops. I. Kapel'man, V. Zatylnikov, Koks i khim. no 3,58-59 '65

Substituting for manual labor M. Borisov, A. Maksimov, Inform. biul. VDNKh no 3,11-12 Mr '65

There are no specific problems of roof control in nonless coal mining. N.G. Rusakov, Ugol' Ukr. 9 no 10, 50-51 O '65

Use of computers in the control of complex industrial processes. N.M. Aleksandrovskiy, A.N. Kharitonov, Trudy MEI no 50,185-194 '65

Work of the construction bureau "Tavetmetavtomatika" on the automation of technological processes at nonferrous metallurgy plants and factories. G.A. Zubkov, TSvet. met. 38 no 6,18-6 Je '65

AUTOMATION—BIBLIOGRAPHY see Bibliography—Automation

AUTOMATION—SOCIAL ASPECTS

(see also subdivision under United States)

Change of the content and character of work under socialism. V.I.A. Suslov, Nauch. dokl. vuz. shkoly, filos. nauki 8 no 5,40-46 '65

AUTOTISM

Correlation of Kandinskii-Clerambault syndrome with the catatonic syndrome. S.A. Iaroslavtsev, Zhur. nev. i psikh. 65 no 10,1533-1538 '65

Prognostic significance of Kandinskii-Clerambault syndrome in paranoic schizophrenia. L.K. Khokhlov, Zhur. nev. i psikh. 65 no 10,1524-1532 '65

AUTOMOBILE DRIVERS

Shevchenko, V.D. [Learn how to drive a car] Uchites' upravlyat' avtomobilem. Kazan' Leningradskoe knizhnoe izd-vo, 1965. 194 p. diagr. (insert)

Strong, I.S., R.V. Khochenko, and L.L. Ostrovskiy, [For the motor-vehicle driver] Vozdelniy avtomobilika Kishinev, Karta moldoveniaske, 1965. 165 p

AUTOMOBILE STUFF see Steel, Automobile

AUTOMOBILE TRAINS

Evaluating maneuvering properties of automobile trains. I.A. Zakin, Avi. transp. 43 no 10,43-44 O '65

AUTOMOBILES

Moskovskiy avtomobil'nyi zavod, [ZIL-111 and ZIL-111A automobiles] Avtomobil' ZIL-111 i ZIL-111A. Moskva, Mashgiz, 1961. 366 p (MID)

AUTOMOBILES—BRAKES

Khal'fan, I.U.A. [Braking characteristics of an automobile] Formirovaniye kachestva avtomobilika. Moskva, Transport, 1965. 78 p. (Nauchno-populiarnaya biblioteka avtomobilista)

AUTOMOBILES—DESIGN AND CONSTRUCTION

The GAZ-21T "Volga" automobile. N. Kozlov, Avi. transp. 43 no 10,44-46 O '65

AUTOMOBILES—EXHIBITIONS

The automobile and the times; a letter from Paris. L. Volodin, Nov. vrem. 23 no 44,26-27 O '65

AUTOMOBILES—TIRES

Testing of automobile tires. S.M. Zukerberg, B.V. Nenasikov, Kauch. i rez. 21 no 10,40-43 '65

AUTOMOBILES, ELECTRIC

New method for traction analysis of an electric car. O.A. Stavrov, Avi. prom. 31 no 6,14-17 Je '65

AUTOMOBILES, FOREIGN—MAINTENANCE AND REPAIR

Moscow. Nauchno-issledovatel'skiy institut avtomobil'nogo transporta. [Maintenance and repair of imported motor vehicles; a provisional manual] Tekhnicheskoe obsluzhivaniye i remont importnykh avtomobilov; vremennoe rukovodstvo. Moskva, Transport, 1965. 117 p.

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AUTONOMIC NERVOUS SYSTEM see Nervous system, Autonomic

AUTORADIOGRAPHY

Importance of autoradiography in the study of the kinetics of blood cells. E.B. Vladimirovskiy, L.D. Kymakli, Vest. AMN SSSR 20 no 10,79-82 '65

Radiological study of the cell life cycles in solid tumors, the G₂ phase in the cells of hepatoma and mammary tumors O.S. Frankfort, TSitologiya no 3, 388-393 My-Je '65

AUTOTROPHIC BACTERIA see Bacteria, Autotrophic

AVERAGE

How to use correctly various forms of the average in economic calculations. L. Kaznets, Vest. stat. no 10, 46-55 '65

AVIATION MEDICINE

Experience in the use of electronic computers in the psychophysiological selection of candidates for higher aviation schools. E.I. Garber, V.S. Krasutskiy, Voen.-med. zhur. no 1,67-71 '65

Fishing of the pressure suit. A.S. Davrilov, A.S. Tsvetkov, A.I. Shaposhnikov, Voen.-med. zhur. no 1, 65-67 '65

AXONOMETRIC PROJECTION

A method for solving technical problems in parallel projections. I.A. Sukhina, Izv. vuz. ucheb. zav. mashinost. no 8,9-9 '65

Method of construction of axonometric drawings by means of superposition of the image field above the binary homographic field. A.V. Kuznetsov, Nom. sbor. no 3,32-40 '65

AZEOTROPES

Differential equations for curves of the constancy of distribution ($x_1^0/x_2^0 = \text{const.}$) of the component of a ternary system between the coexistent solution and ideal vapor. Part 2. M.P. Susarev, A.N. Marichev, Zhur. fiz. khim. 39 no 9,2210-2225 S '65

AZEPINONE

Graft copolymerization of styrene with ϵ -caprolactam in block. E.L. Baranov, T.M. Prunza, V.V. Kurashov, Izv. AN SSSR, Ser. khim. no 10,1860-1866 '65

AZERBAIJANI—ART INDUSTRIES

Azerbaijani ornament in decorative art. T. Vedeneva, Doshk. voap. 38 no 7,17-19 Ji '65

BACTERIA, PHYTOPATHOGENIC

Use of microelements in controlling alfalfa and clover bacteriosis. K. G. Bol'tukova, M. S. Matyshevskiy. Mikrobiol. zhur. 26 no. 4:66-70 '64.

BACTERIA, SAPROPHYTIC

Study of the phospholipase activity of saprophytic bacteria. I. B. Ieshchinskaya. Mikrobiologiya 31 no. 5:786-792 S-O '65.

BACTERIA, SAPROPHYTIC—CULTURES AND CULTURE MEDIA

Production of classical ergot alkaloids by the saprophytic *Claviceps purpurea* Tul. culture. A. I. Shalagina and others. Mikrobiologiya 31 no. 5:901-901 S-O '65.

BACTERIA, SILICATE see subdivision under Ukraine

BACTERIA, SULFUR

Investigating the use of sulfur bacteria in hydrometallurgy. A. I. Golomazk, V. I. Ivanov. Izv. vuz. ucheb. zav. i. tekh. met. 6 no. 5:33-42 '65.

BACTERIAL ANTAGONISM see Antibiosis

BACTERIAL WHITE DIARRHEA see Rulorum disease

BACTERICIDES

Antimicrobial synthetic fibers and fabrics. T. A. Mal'ina and others. Tekstil. prom. 25 no. 9:31-32 S '65.

Bactericidal action of the ash of herbaceous plants treated with calcium hydroxide. A. A. Pollakov, A. P. Nifantov. Trudy VNIIVS 24 25-30 '64.

Changes produced in the cells of *Bacillus anthracoides* and *Escherichia coli* under the action of a hydrochloric acid solution of iodine monochloride (preparation no. 74). G. M. Bosh'yan, V. V. Kostin. Trudy VNIIVS 24:148-151 '64.

Chemical composition of the vegetative forms and spores of *Bacillus anthracoides* subjected to the action of a hydrochloric acid solution of iodine monochloride, solution of iodine and calcium hypochlorite. G. M. Bosh'yan. Trudy VNIIVS 24:179-183 '64.

Preservation of chlorine in the solution of calcium hypochlorite and its bactericidal properties. A. A. Pollakov. Trudy VNIIVS 24:20-24 '64.

Respiration level of a vegetative bacillus culture of *Bacillus anthracoides* before and after treatment with preparation no. 74. Report no. 1. G. M. Bosh'yan, O. N. Mal'gonova. Trudy VNIIVS 24:162-170 '64.

Use of bactericidal surface-active substances in cosmetic preparations. E. I. Vasilenko. Maslozhir. prom. 31 no. 7-28 JI '65.

BACTERIOLOGICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Improved method of washing test tubes and Petri dishes. S. A. Eremichev. Lab. delo no. 10:623-625 '65.

BACTERIOLOGY—TECHNIQUE

Modification of the method of the negative image of the capsule. A. I. Zyryanov, N. N. Tikhov. Lab. delo no. 10:608-609 '65.

BACTERIOLYSIS

Lysogenization of some *Staphylococci*. D. D. Ilesaymen'ko. Mikrobiol. zhur. 27 no. 5:61-63 '65.

Relation of the nucleotide composition of bacterial DNA to the lysogenic state of the bacteria. A. A. Kukulin'skii, I. M. Gubrilovich. Dokl. AN BSSR 9 no. 8:550-551 Ag '65.

BACTERIOPHAGE

Biological properties of small enteric phages containing DNA. B. N. Il'yushenko and others. Mikrobiologiya 34 no. 6:814-819 S-O '65.

Characteristics of the lysogenic culture of *Actinomyces sphaeroides* strain 35 producing novobioicin and its temperate actinophage. I. A. I. Rautenshtein and others. Mikrobiologiya 34 no. 6:828-834 S-O '65.

Dark inactivation of T-phages by acridine dyes. V. K. Ruyin. Biologika 10 no. 5:374 '65.

Effect of anthrax bacteriophage on the various strains of *Bacillus anthracis*. I. I. Bol'kov. Trudy VNIIVS 24:120-124 '64.

Heterogeneity of the complex actinomycin D - DNA of the bacteriophage T₂. L. B. Melker, G. E. Dobretsov. Biologika 10 no. 5:380-382 '65.

Induction of mutations of the phage T2 by nitrous acid and hydroxylamine. D. M. Gol'dfarb and others. Genetika no. 2:8-12 Ag '65.

Induction of mutations by ultraviolet irradiations and nitrous acid in the extracellular phase FX174. T. P. Chernik, A. S. Krivitskii. Genetika no. 2:39-46 Ag '65.

Lysogenesis of *Escherichia coli* 000 and SK strains, bacterial hosts for S₂ phage. R. A. Belykh, A. S. Krivitskii. Mikrobiologiya 34 no. 6:820-827 S-O '65.

Phage reproduction in spheroplasts of *Escherichia coli* produced with the help of lytic enzymes of the phage T2. D. M. Gol'dfarb, V. A. Zinov, V. N. Gerasimovich. Mikrobiologiya 34 no. 4:648-652 JI-Ag '65.

Phage-typing of *Bacillus cereus*. V. A. Polkovskii. Dokl. AN BSSR 9 no. 8:552-554 Ag '65.

Some biological characteristics of some bacteriophages. D. V. Dedopladko. Mikrobiol. zhur. 27 no. 5:55-60 '65.

Study of the biochemical and ecological properties of paratyphoid bacilli as compared with their phage types. M. K. Kadyrova. Sbor. nauch. tr. TashGMI 22 316-351 '62.

BACTERIOSTATICS

Structure and bacteriostatic activity of hydroxy and methoxy analogs of some sulfanilamides. V. I. Bilyntukov, V. O. Grin', H. D. Tish'kiy. Farmatsev. zhur. 20 no. 1:13-16 '65.

BAHREIN—FOREIGN RELATIONS—GREAT BRITAIN

There is no peace in the state of "general prosperity." V. Rodianskii. Sov. profsoyuz 21 no. 2:38-39 N '65.

BAHREIN—STRIKES AND LOCKOUTS—PETROLEUM INDUSTRY

There is no peace in the state of "general prosperity." V. Rodianskii. Sov. profsoyuz 21 no. 2:38-39 N '65.

BAIKAL, LAKE—BENTHOS

Littoral and sublittoral benthos of Lake Baikal along the southeastern shore. M. M. Kozhov and others. Gidrobiol. zhur. 1 no. 1:3-11 '65.

BAIKAL, LAKE—DESCRIPTION

Lamakin, V. V. [On the shores and islands of Lake Baikal] Po beregam i ostrovam Baikala. Moskva, Nauka, 1965, 169 p. (Nauchno-popularnaya seriya)

BAIKAL, LAKE—WATER RESOURCES DEVELOPMENT

Conservation and utilization of the resources of Lake Baikal. I. P. Gerasimov, A. A. Trofimuk. Vest. AN SSSR 35 no. 10:66-68 O '65.

BAIKAL LAKE REGION—BIRDS

New data on the ornithofauna of the Baikal Lake region. O. K. Gusev. Ornithologiya no. 7:87-91 '65.

BAIKAL LAKE REGION—BLACK DUCK

Neating of the black mallard *Anas peccorioryncha* Sw. in the Baikal Lake region. N. G. Skriabin. Ornithologiya no. 7:266-271 '65.

BAIKAL LAKE REGION—NATURAL RESOURCES

Comprehensive utilization and conservation of the natural resources of Lake Baikal. B. R. Bulantuev and others. Dokl. Inst. geog. Sub. i Balt. Vest. no. 2:3-13 '62.

BAIKAL LAKE REGION—POLES

The revolutionary democratic movement in Siberia on the eve of the revolt of Polish exiles on the Lake Baikal road. N. P. Mitina. Uch. zap. Inst. slav. 28:3-23 '65.

BAKERIES

(See also subdivision under Tuva A. S. S. R.; Uglich, Yaroslavl Province, Uzbekistan)

Automatic control of the salt dissolving process. L. S. Genkin. Khleb. i kond. prom. 9 no. 6:35-36 Je '65. Let's put the production of national baked products on an industrial basis. E. Matorova, V. Genshaft. Sov. poireb. koop. 9 no. 10:21-22 '65.

Mechanization of the accounting for finished production and its application in centralized branch bookkeeping. L. G. Petiova. Khleb. i kond. prom. 9 no. 10:31-35 O '65.

Propositioning of liquid ingredients by means of a continuous thin-layer flow. M. D. Goncharov and others. Khleb. i kond. prom. 9 no. 6:1-7 Je '65.

Use of electronic computers for solving problems in the distribution of bakeries. M. L. Polonskii, I. G. Gleizer, A. D. Patsera. Khleb. i kond. prom. 9 no. 6:23-25 Je '65.

BAKERIES—CLASSIFICATION

Classification of cooperative bakeries. S. A. Triana. Khleb. i kond. prom. 9 no. 6:26-28 Je '65.

BAKERIES—EQUIPMENT AND SUPPLIES

Electric ovens passed the test. M. G. Drapkin. Khleb. i kond. prom. 9 no. 6:43 Je '65.

Flour feeding to the X-12 dough mixers. V. G. Abdushev. Khleb. i kond. prom. 9 no. 10:42-43 O '65.

Grill-hearth traveling tunnel ovens. N. E. Morev, I. A. S. Isakovskii. Khleb. i kond. prom. 9 no. 10:15-18 O '65. Small emulsifier. A. G. Ginzburg, L. I. Enelbaum, N. S. Kalitina. Khleb. i kond. prom. 9 no. 6:8-9 Je '65.

BAKERIES—TECHNOLOGICAL INNOVATIONS see subdivision under Blysk (Altai Territory); Tatar A. S. S. R.

BAKERS see subdivision under Antioch

BAKHMET'YEVKA OIL FIELD—OIL WELL COMPLETION

Unutilized possibilities for sand-jet perforation. G. G. Denisov. Neftprom. delo no. 3:27-28 '65.

BAKING

New method for preparing emulsions for sugar cookies. M. A. Antokolskaya and others. Khleb. i kond. prom. 9 no. 6:9-11 Je '65.

BAKING—TABLES, CALCULATIONS, ETC.

Calculating the dosage of the liquid salt phase for dough. V. M. Dontchenko. Khleb. i kond. prom. 9 no. 6:32-34 Je '65.

BAKU—INDUSTRIAL HYGIENE

Experiment in action. A. Lerner, P. Savin. Okhrotuda i sots. strah. 8 no. 11:14-15 N '65.

BAKU—LABOR AND LABORING CLASSES

Sarkisov, N. K. [Struggle of the Baku proletariat during the first Russian revolution] Bor'ba bakinskogo proletariata v period pervoi russkoi revoliutsii. Baku, Azerneshr, 1965, 200 p.

BALAN, IVAN ZAKHAROVICH, 1902-1965

Ivan Zakharovich Balan; obituary. Maslozhir. prom. 31 no. 7 47 JI '65.

BALANCING OF MACHINERY

Balancing driving wheels. M. Nosenkov and others. Avt. transp. 43 no. 10:41-42 O '65.

Balancing the flywheel-stabilizers of the speed of film motion. A. M. Mel'nik-Stepanian. Trudy LKI no. 11:25-27 '64.

BALASHOV—DISTRIBUTIVE EDUCATION

Here they train purchasing agents. E. Grevishev. Zakup. so'khov. prod. no. 5:42-43 My '65.

BALDNESS

Group incidence of alopecia areata. I. N. Vinokurov, M. I. Liberman. Vest. dermat. ven. no. 1:52-53 '65.

BALEY (CHITA PROVINCE)—GOLD ORES—CRUSHING AND GRINDING

Industrial tests in pebble mill grinding of gold containing ores at the Ordzhonikidze plant in the Baley-Zoloto Combine. M. L. Pevzner and others. TSvet. met. 38 no. 6:6-11 Je '65.

BALKAN PENINSULA—GEOLOGY—CONGRESSES

Karpat-Balkanskaya geologicheskaya assotsiatsiya. 6. s'ezd. [Materials of the Sixth Congress of the Carpatho-Balkan Geological Association, reports of the Soviet geologists] Materialy. i doklady sovetskikh geologov. Kiev, Naukova dumka, 1965, 461 p.

BALKHASH, LAKE—PARASITES—MYSDAE

Parasitological evaluation of *Myxidae*, introduced in Lake Balkhash. E. G. Sidorov. Trudy Astr. zap. no. 9 201-207 '61.

BALKHASH LAKE REGION—FLEAS

Biology of fleas of greater gerbils in the northern desert subzone following extermination of rodents aimed at the elimination of plague epizootic. Z. P. Maslennikova, A. I. Gorbunova. Zool. zhur. 44 no. 9 1410-1410 '65.

BALKHASH LAKE REGION—JERBOAS

Occurrence of a dwarf jerboa in the southern Balkhash Lake Region. N. N. Trukhnachev. Zool. zhur. 44 no. 0:1428-1429 '65.

BALKHASH LAKE REGION—RODENTS—EXTERMINATION

Biology of fleas of greater gerbils in the northern desert subzone following extermination of rodents aimed at the elimination of plague epizootic. Z. P. Maslennikova, A. I. Gorbunova. Zool. zhur. 44 no. 9 1410-1410 '65.

BALL BEARINGS—VIBRATION

Effect of the waviness of the ring race on the vibration of a ball bearing. B. T. Shefel', G. K. Lipskii, V. A. Gushchina. Vest. mashinostr. 45 no. 7:40-51 JI '65.

BALLAST (RAILROADS)

Effect of various types of rails on the residual deformations in the ballast bed. M. I. Kulagin. Trudy TSNIIMPS, no. 202:5-18 '65.

BALISTOCARDIOGRAPHY

Balistic cardiological changes in treating the 1st and 2d stages of hypertension with inductothermy. G. K. Mikhlin. Zhur. eksp. i klin. med. 2 no. 6:57-62 '62.

Characteristics of the ballistocardiogram in healthy pregnant women. N. F. Rybkina. Akush. i gign. no. 1:28-32 '65.

BALTIC SEA REGION—DIATOMS, FOSSIL

Problem No. 1 of the Yoldia Sea in the Baltic Sea region; based on the data of diatom investigations. T. E. Ledyshkina. Dokl. AN SSSR 164 no. 5:1122-1124 O '65.

BALTIC SEA REGION—GEOLOGY

Problem No. 1 of the Yoldia Sea in the Baltic Sea region; based on the data of diatom investigations. T. E. Ledyshkina. Dokl. AN SSSR 164 no. 5:1122-1124 O '65.

BALTIC SEA REGION—RAPAKIVI

New masses of rapakivi granites in the Baltic region and Leningrad Province. S. N. Tikhomirov. Dokl. AN SSSR 164 no. 4:880-890 O '65.

BALTIC STATES—CHEMISTRY—STUDY AND TEACHING
Chemistry of the Baltic States on the 25th Anniversary of the re-establishment of Soviet Power in Lithuania, Latvia, and Estonia. P. S. Barchus. Zhurnal khim. 35 no. 6 1507-1512 S '65

BALTIC STATES—WORLD WAR, 1939-1945—CAMPAIGNS
Victory bringing the sun back. Sov. voen. 46 no. 17-18 Ag '64

BAMBOO
The biology of the reproductive organs of the bamboo. I. I. Barchuk. Izvestiya Vsesoyuzn. nauch. issled. 12 1-1304 S '65

Survival of bamboo. I. S. Kanandze. Dokl. AN SSSR 164 no. 5 1397-1400 O '65

BANACH SPACES
A class of functions from normally positive operators in Banach spaces. A. Z. Khamishon. Sib. mat. zhur. 6 no. 5 1163-1175 S-O '65

BANKS AND BANKING
(see also subdivision under China Province)
Some problems in developing credit and strengthening the control through the ruble. N. Smirnov. Vop. ekon. no. 6 77-88 Jc '65

BAPTISTS
(see also subdivision under Alma-Ata)
The situation in the parishes. Brat. vest. no. 3 2-78 '65
To all parishes of Evangelical Christians and Baptists in the U.S.S.R. Brat. vest. no. 3 3-4 '65

BAR ASSOCIATIONS
Problems in need of solutions. D. Basher. Rad. pravo. 28 no. 7 90-91 O '65
Some suggestions to improve the organization of Soviet advocacy. G. M. Shafir. Sov. gos. i pravo. 35 no. 10 101-102 O '65

BARANNIKOV, ALEKSEI PETROVICH, 1890-1952
75th anniversary of Academician A. P. Barannikov's birth. S. I. Levina. Vest. AN SSSR 35 no. 10:133-134 O '65

BARBARYCH, ANDRII IVANOVYCH, 1903-
Andrei Ivanovich Barbarych, on his 60th birthday. M. I. Kotov. Bot. zhur. 50 no. 8 1163-1164 Ag '65

BARBITURIC ACID
Detection of 5-(1-methylbutyl)-5-ethylthio barbituric acid and its sodium salt. V. I. Lobanov. Zhurnal khim. 20 no. 8 921-922 '65

BARIUM
Faster methods of determining barium in ores and concentration products. L. D. Dolaberdze and others. Trudy KIMS no. 5 77-79 '63
Testing new reagents, cheaper than oleic acid, on the mineral complex of barite ores. I. D. Chogoshvili. Trudy KIMS no. 5 3-11 '63

BARIUM—ELASTIC PROPERTIES
Elastic properties of barium at pressures up to 22000 kg/cm². V. F. Voronov, F. F. Voronov, O. V. Stal'gorova. Zhur. eksp. i teor. fiz. 49 no. 3 755-759 S '65

BARIUM CHLORIDE—TOXICOLOGY
Reaction of the hemopoietic system to an experimental chronic intoxication from barium chloride. V. G. Bebesheko. Gemat. i perel. krovi. 1 222-227 '65

BARIUM OXIDE
Structure of barium oxide films on face (110) of tungsten single crystals. D. A. Gorodetskiy, I. U. P. Mol'nik. Fiz. tverd. tela 7 no. 9 2760-2768 S '65

BARIUM TITANATE CRYSTALS
Effect of vapors of polar liquids on the dielectric properties of single crystals of barium titanate with certain additions. E. P. Gusakov, A. I. Kudzin. Fiz. tverd. tela 7 no. 9 2845-2846 S '65

BARIUM TITANATES
Change in the probability of the appearance of the Mossbauer effect on Sn¹¹⁹ impurity nuclei during a ferroelectric phase transition in BaTiO₃. V. V. Chekin and others. Pis'ma v red. Zhur. eksp. i teor. fiz. 2 no. 4 186-189 Ag '65

BARK
Role of the bark of woody plants in photosynthetic processes. A. I. Fateev. Biologika 10 no. 5 885-888 '65

BARK BEETLES
Injurious insects brought with Siberian lumber constitute a danger for shrenk spruce. Zh. Ismukhambetov. Trudy Koz. NIZR 8 245-250 '64

BARLEY—GENETIC RESEARCH
Germinal selection and yield of chlorophyll mutations. G. N. Shangin-Berezovskiy. Trudy Inst. gen. no. 32 81-93 '65

BARLEY—VARIETIES
Effect of ecologic conditions of cultivation and physiological state of seeds (degree of maturity) on the malting sensitivity, frequency and nature of hereditary changes in gamma irradiated barley. N. I. Nurkhin, N. A. Pastushenko-Strelets, G. N. Shangin-Berezovskiy. Trudy Inst. gen. no. 32 18-58 '65

BARLEY BREEDING
Experimental data on the nature of inheritance of some taxonomic characters in Hordeum spontaneum C. Koch. G. F. Nikitenko, L. M. Nesterenko. Dokl. AN SSSR 164 no. 4 925-927 O '65

BARN—MAINTENANCE AND REPAIR
Recommendations on the maintenance of barns. A. Anukhovskiy. Sel. strel. 20 no. 9 27-28 S '65

BAROMETER
Field testing of an experimental set of microbarometer with a microscope-micrometer. V. G. Pligov. Trudy Un. duzh. nar. 3, Geol., gor. delo i geod. no. 1 132-139 '63

BARONIAN, HAGOP H., 1840-1891
Hagop Baronian's "National pillars." G. Kh. Stepanian. Izv. AN Arm. SSR. Obshchestv. nauki no. 9 75-112 '65

BARS (ENGINEERING)
Use of integral transformations for calculating semi-infinite bars and cylindrical shells. A. I. Tsel'pelin. Stroitel. mekh. i mash. soor. 7 no. 5 37-12 '65

BARSA-KEL'MES ISLAND—ACCENTORS (BIRDS)
Winter occurrence of hedge sparrow on the Barsa-Kel'mes Island. V. L. Rashek. Ornitologiya no. 7 406-407 '65

BARSUKOV, LEONID NIKOLAEVICH, d. 1905
Leonid Nikolaevich Barsukov, an obituary. I. I. Sinagdin and others. Zemledelie 27 no. 10 89 O '65

BARYONS
Renormalization of the vector current in baryons by the disturbance of SU(6)-symmetry. E. V. Gendlin, O. V. Kanchell, S. G. Matlufin. Pis'ma v red. Zhur. eksp. i teor. fiz. 1 no. 3 35-10 Mt '65

BASAL METABOLISM
Diagnostic value of some formulae for the calculation of basal metabolism. M. I. Lianda. Voen.-med. zhur. no. 1 80-81 '65

BASALT
(see also subdivision under Armenia; Georgia, Soviet Far East)
Crystallization of basalt at the pressure of 25 kilobars and temperatures from 800° to 1300°. I. U. S. Genshuf and others. Sov. geol. 8 no. 8 26-31 Ag '65
New data on ocean basalts and their significance for general geology. I. U. M. Sietmann. Sov. geol. 8 no. 8 3-25 Ag '65

Selecting the composition of basaltic rocks for the production of fibers for various purposes. A. A. Misanikov, M. S. Aalanova. Strel. i ker. 22 no. 3 12-15 Mt '65

BASALT—ANALYSIS see subdivision under Kamchatka

BASE-EXCHANGING COMPOUNDS
Chemical stability of KU-1 and KU-2 cation exchangers. M. A. Milusheva, A. I. Dudaeva. Trudy Inst. met. i obog. AN Kazakh. SSR 12 105-108 '65

Sorption of metal ions by carboxyl base exchanging compounds in the form of hydrogen. E. I. Kazantsev and others. Izv. vys. ucheb. zav., fiz. i mat. 8 no. 5 43-48 '65

BASHKAUS VALLEY—SANDPIPERS
Sandpipers in the upper Bashkaus Valley (southeastern Altai). E. A. Irtsov. Ornitologiya no. 7 470-471 '65

BASHKIR PRESERVE—BIRDS
Quantitative characteristics of the summer ornithofauna of the Bashkir Preserve. K. P. Filonov. Ornitologiya no. 7 63-66 '65

BASHKIRIA—ARCHAEOLOGY
Akademiya nauk SSSR. Bashkirskiy filial, Ufa, Institut Istorii, Iazyka i Literatury. [Archaeology and ethnography of Bashkiria] Arkheologiya i etnografiya Bashkiri. Pod. red. R. G. Kuzeeva i K. V. Sal'nikova. Ufa, Vol. 1, 1962, 365 p.

BASHKIRIA—CEMENT—CORROSION
Gel'man, G. N., and V. S. Danilushkevskiy. [Corrosion of cement alone in oil wells] Korrozia tsementnogo kamnia v nefitnykh skvazhinakh. Ufa, Izd-vo "Bashkortostan," 1964 59 p.

BASHKIRIA—CONDENSATION, OIL, WELLS
Economic efficiency of the low-temperature separation of gas at the Kamshutskoye and Mudnaganscondensate fields. V. I. Luchin, A. M. Shlangeev. Gidrotekhn. no. 2 33-36 '65

BASHKIRIA—ETHNOLOGY
Akademiya nauk SSSR. Bashkirskiy filial, Ufa, Institut Istorii, Iazyka i Literatury. [Archaeology and ethnography of Bashkiria] Arkheologiya i etnografiya Bashkiri. Pod. red. R. G. Kuzeeva i K. V. Sal'nikova. Ufa, Vol. 1, 1962, 365 p.

BASHKIRIA—GASES—SEPARATION
Economic efficiency of the low-temperature separation of gas at the Kamshutskoye and Mudnaganscondensate fields. V. I. Luchin, A. M. Shlangeev. Gidrotekhn. no. 2 33-36 '65

BASHKIRIA—GLOBE THISTLE
Distribution and resources of globe thistle in Bashkiria. I. A. Gubanov, I. K. Dumlal, F. V. Kuchelov. Nauch. dokl. vyssh. shkoly, biol. nauk no. 4 120-132 '65

BASHKIRIA—PETROLEUM PRODUCTION
Baiak, K. A., and A. S. Samgullin. [Let us increase the economic efficiency of oil-field development] Povyshim ekonomicheskuyu effektivnost' razrabotki nefitnykh mestozhizlen. Ufa, Bashkirskoe knizhnoe izd-vo, 1964, 86 p.

Reserves for increasing petroleum production in Bashkir fields. K. I. Kovalenko, G. I. Bilevov. Nauch. dokl. 13 no. 9 22-27 S '65

BASHSHÄR IBN BURD, d. 783 or 4
Panegyrics in the works of the poet Bashshär ibn Burd. S. K. Svetlov. Trudy Un. duzh. nar. 3, Vop. lit. i filol. 251-271 '64

BASICITY
Basicity of the nucleus of pyrene compounds. Part I: Basicity of chromene compounds. A. I. Tel'machev, L. M. Shulezko, A. A. Klitenko. Zhurnal khim. 25 no. 10 1707-1714 O '65

BATHOMETER
New model of a bacteriological bathometer. A. K. Goltsev, V. F. P. Kibakov. Lab. delo no. 10 170-171 '65

BATHROOMS
Put the production of bathroom units on an industrial basis. V. A. Derzh. Stroitel. i arkh. 17 no. 6 no. 7 19 '65

BATHS, MEDICATED see subdivision under Urganien (China Province)

BATHS, MOON AND MUD
(see also subdivision under Tumbukan, Blavopol Territory)
Gastric secretory activity under the effect of mud applications and in their combination with the internal use of Borzhomi mineral water. P. I. Kapandzev, M. I. Nauch, I. M. Vrach, M. N. Kur, uch. prof. i med. no. 1 53-55 '64

Tubage as a means of increasing the effectiveness of electro- and mud therapy in chronic infectious diseases. P. I. Sudaletov and others. Strel. i ker. 22 no. 3 12-15 Mt '65

BATS see subdivision under Moldavia

BAUXITE
(see also subdivision under Severonauk, Sverdlovsk Province)

Behavior of iron hydroxide in an alkali medium during autoclave treatment. L. P. Ni and others. Trudy Inst. met. i obog. AN Kazakh. SSR 12 10-15 '65

Kinetics of the reaction of hydrogen sulfide with red-bauxite. O. P. Korochintsev. Khim. i tek. 8 no. 3 547-550 My-Je '65

Petrov, V. P., ed. [Problems in the geology and mineralogy of bauxites. Translated from the English and French] Voprosy geologii i mineralogii boksitov. Moskva, Mir, 1961. 481 p. maps (insert)

BAUXITE—ANALYSIS
Vanadium distribution in the treatment of hydrogillite bauxites for alumina by the Bayer-aluminate method. V. Z. Tarasenko, A. I. Zayulov, A. N. Jaranchevskiy. Trudy Inst. met. i obog. AN Kazakh. SSR 12 10-22 '65

BEAMS AND GIRDERS
Calculating box-shaped beam spans by a composition method. A. V. Aleksandrov. Izv. po teor. i konstr. no. 14 209-213 '65
Calculating continuous beams with a digital machine. A. A. Golin. Izv. po teor. i konstr. no. 14 241-252 '64
Calculation of beams on elastic foundations with a variable coefficient of the subgrade. S. N. Klopikov. Osn. i fund. i mekh. gran. 7 no. 6 121-23 '65

Plastic bonding of freely supported beams under the action of pulsed loading. I. A. Kitko, A. T. Spiridonov. Izv. AN SSSR, Mekh. no. 5 126-127 S-O '65

BEAMS AND GIRDERS (Continued)

Sectorial geometrical characteristics of rolled I-beams; All-Union State Standard G239-56, M. V. Kanevskii, Stroi. mekh. i mash. stroit., 7 no. 3 of cover '65

Universal equipment for mounting beams, B. V. Stepanov, Avt. doi., 28 no. 9:46 S '65.

BEAMS AND GIRDERS—VIBRATION

Forced steady-state vibrations of infinite beams supported by an elastic semipiece, V. N. Terent'ev, A. P. Filippov, Prikl. mekh., 1 no. 9:107-114 '65.

BEAMS AND GIRDERS, CONTINUOUS—ELECTRO-MECHANICAL ANALOGIES

Application of electric modeling in the design of continuous girders, V. S. Zin'kovskii, Trudy KHIT no. 71 71-73 '65.

BEANS

Water loss to evaporation from fields planted with beans, B. A. Pomykin, Trudy GGI no. 123:36-47 '65.

BEANS—FERTILIZERS AND MANURES see subdivision under Azerbaijan, Kazakhstan

BEANS—IRRIGATION see subdivision under Alma-Ata Province

BEANS—VARIETIES

Effect of vegetation conditions on seed proteins in forage beans, A. D. Heizovikov, Nauch. dokl. vys. shkoly, biol. nauk no. 4:149-153 '65.

BEARING INDUSTRY—MANAGEMENT

(see also subdivision under Moscow)

Improving technological standards and increasing the production of bearings in the enterprises of the Moscow City and Middle Volga Economic Councils, Biulet. tekhn. inform. Gos. nauch. issl. inst. nauch. i tekhn. inform., 18 no. 9:18 S '65

BEARING INDUSTRY—QUALITY CONTROL

Economic indices of quality, V. I. Kitaev, Mashinostroi. tel' no. 10:1-2 O '65.

BEARINGS (MACHINERY)

Effect of pulsating hydraulic pressure on the wear of bearing materials, A. I. Tarasov, Trudy Novosib. sel'khoz. inst., 24 no. 2:21-26 '63.

Experimental determination of deformations in contact areas between rolling bodies and bearing rings, I. I. Chukov, Vest. mashinostroi., 45 no. 7:43-46 JI '65.

Hydrostatic spherical thrust bearing with a tapering gap, O. I. Bogdanov, V. G. Danil'kev, Vest. mashinostroi., 45 no. 9:20-30 S '65.

Measurement of bearing temperature of turbines manufactured by the Kharkov Turbogenerators Plant, G. G. Aleksandrovskii, G. A. Lezhichinskii, I. I. Zimichev, Energo mashinostroi. no. 11 no. 9:21-23 S '65

Some results of studying sleeve bearings with capron bushes, I. I. Shabanov and others, Trudy Ufian. sel'khoz. inst., 10 no. 2:160-160 '61.

Structural analysis of dust protecting devices for the bearing units of agricultural machinery, M. M. Tenenbaum and others, Trakt. i sel'khoz. mash., no. 6:20-32 Ag '65.

Transistorized-ionic frequency converter for the power supply of an asynchronous motor of a grinding electric spindle, V. A. Lashutov, Trudy MBI 55:11-20 '65.

BEARINGS (MACHINERY)—LUBRICATION

Capillary processes in sliding anti-friction bearings demonstrating the relation between the surface tension of the lubricant and liquid friction, A. A. Dyckho, K. A. Dyckho, Trudy OMIT 43 pt. 2:109-116 '63

Hydraulic lubrication of sliding bearings, O. I. Bogdanov, M. P. Rudenko, Izv. vys. ucheb. zav., mashinostroi. no. 3:73-77 '65.

BEARINGS (MACHINERY)—MAINTENANCE AND REPAIR

Methods for the repair and testing of locomotive roller and ball bearings, M. I. Edel'shtin, V. E. Pint, Trudy T'SNI MES no. 208:165-164 '65.

BEARINGS (MACHINERY)—STANDARDS

Ball and roller bearings, Standartizatsiya 29 no. 8: 48 '65.

BECHUANALAND PROTECTORATE—ECONOMIC CONDITIONS

Bechuanaland on the path toward independence, E. Abilina, Mir, ekon. i mezhdunar. otn., no. 11:112-114 '65.

BECHUANALAND PROTECTORATE—POLITICS AND GOVERNMENT

Bechuanaland on the path toward independence, E. Abilina, Mir, ekon. i mezhdunar. otn., no. 11:112-114 '65.

BEDNYI, DEM'IAN, 1893-1945

D. Bednyi as master of social speech characteristics, V. I. Petrovskii, Voeny L'viv. un. Ser. filol. no. 3: 45-51 '66.

To the heart of the reader, I. Grinberg, Vop. lit. 9 no. 10:200-212 O '65.

BEDSTRAW

Phytochemical study of the plant Galium cruciata, M. I. Borysov, I. H. Borysluk, Farmats. zhur., 20 no. 1:83-90 '65.

BEECH—DISEASES AND PESTS see subdivision under Czechoslovakia

BEEF CATTLE

Beef productivity of the Estonian Red cattle and its crosses with the Aberdeen-Angus breed, V. P. Fiadlov, Vest. AN BSSR, Ser. sel'khoz. nauk no. 3 84-90 '65

BEEF CATTLE—FEEDING AND FEEDS

Intensive growing and fattening of uncastrated young cattle, E. M. Akulava, Vest. AN BSSR, Ser. sel'khoz. nauk no. 2:99-103 '65.

BEEF CATTLE BREEDING

(see also subdivision under White Russia)

Crossing Red Estonian cows with Aberdeen-Angus bulls for beef production, N. F. Rostovtsev, V. P. Fedotov, Dokl. Akad. sel'khoz. nauk no. 9 27-31 S '65

BEE TL ES see subdivision under Mangyshlak Peninsula, Ustyurt

BEETS—DISEASES AND PESTS

Saiphos preparations in beet aphid control, N. I. Nesterenko, Trudy VIZR no. 20 pt. 1:25-27 '64.

BEETS, SUGAR see Sugar beets

BEGOVAT (UZBEKISTAN)—STEEL INDUSTRY—MANAGEMENT

Give the "green light" to plans for scientific labor organization, A. Bratlov, I. A. Karpev, Sov. profsoyuz 21 no. 20:14-15 O '65.

BEILIN, ISAK GRIGOR'EVICH, 1883-1965

In memory of I. G. Beilin, M. Dunin Zashch. rast. ot vied. i biol. 10 no. 7 03 '65.

BELAYA TSEKOV' (UKRAINE)—MILITARY EDUCATION

Special attention to rural collectives, I. Filimonov, Voen. znani., 41 no. 9:29-30 S '65.

BEL'CHIKOV, NIKOLAI FEDOROVICH, 1890

On the seventy-fifth birthday of N. F. Bel'chikov, A. I. Kuz'min, Izv. AN SSSR, Ser. lit. i inzh., 24 no. 5 151-152 S-O '65.

BELGOROD-DNESTROVSKIY (UKRAINE)—WARBLERS

Olivaceous warbler (Hippolais palikda clausa Lind.) in Belgorod-Dnestrovskiy (Dnipro Province), S. P. Pashkovskii, Ornitologiya no. 7:287-289 '65.

BELGOROD PROVINCE—KINDERGARTEN—MUSIC

Seminar of music teachers, L. Shakhova, Doshk. vosp. 38 no. 9 50-51 S '65.

BELGOROD PROVINCE—RURAL LIBRARIES

Relying on rural libraries, I. Posokhov, Biblioteka' 43 no. 10 5-6 O '65.

BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848

Belinskii and Polish literary criticism of the 1840's and 1850's, E. Z. Tsybenko, Izv. AN SSSR, Ser. lit. i inzh., 24 no. 5:413-420 S-O '65.

V. G. Belinskii on the historical drama, L. N. Klymkova, Voeny L'viv. un. Ser. filol., no. 3:31-37 '65.

BELLADONNA

Methodology for the quantitative determination of atropine in the leaves of belladonna and datura, Z. R. Kusikova, Apt. delo 11 no. 1:60 Ja-F '65.

BELLINGSGAUZEN, FADDEI FADDEEVICH, 1778-1852

The editing of Bellingsgauzen diary book, S. B. Stevich, Inform. biul. Sov. antark. eksp., no. 52:83-85 '65.

BELOZERSKII, A. N., 1905-

Academician A. N. Belozerskii's 60th birthday, Vest. AN SSSR 35 no. 10:136-137 O '65.

BELTS AND BELTING

Improved design of V-shaped transmission belting, V. I. Malinov, Kauch. i rez., 24 no. 10:50-52 '65.

BELTS AND BELTING—TESTING

Clips for the tension test specimen of conveyor belts made from synthetic fibers, A. M. Kucherakii, V. D. Sokol'skaya, Kauch. i rez., 24 no. 8:54-55 '65.

BENCAINE

Use of bencaine in stomatological practice, A. L. Leonardov, Probl. chel.-kris. khir., no. 1:14-16 '65.

BENDING see Flexure

BENTHOS see subdivision under Baltic, Lake;

Zhebriyan Bay

BENTONITE

(see also subdivision under Donetsk Basin)

Combined treatment of wine with bentonite and polyacrylamide, P. M. Mal'tsev, E. P. Nizura, Izv. vys. ucheb. zav. i pitsch. tekhn. no. 5:119-121 '65.

Construction of cut-off screens and supporting structures in using bentonite suspensions, A. N. Meshcheryakov, V. B. Khelfets, Gidr. stroit. 35 no. 6:18-22 Je '65.

Use of bentonite in the manufacture of technical dipped rubber goods, N. V. Kirsanov and others, Kauch. i rez., 24 no. 10:40-50 '65.

BENTONITE—ANALYSIS see subdivision under Tatar A. S. S. R.

BENTONITE—TESTING

Swelling properties of bentonite from various deposits, L. I. Levi, I. U. D. Pozdnev, Lit. proizv. no. 9:20-22 S '64.

BENTONITE, EFFECT OF TEMPERATURE ON

Effect of heat treatment on the structure and physico-chemical properties of bentonite clays, M. S. Merabishvili and others, Trudy KIMS no. 5:39-41 '63

BENZAMINE

Comparative study of the pharmacological properties of diamide and novocaine amide, V. M. Avakian, L. A. Manukian, Zhur. eksp. i klin. med., 5 no. 1:25-32 '65.

BENZANTHRACENONE

Polarographic study of polycyclic aromatic ketones. Part I. Polarography of benzanthracene in 70% methanol, I. A. Khelfets, E. A. Preobrazhenskaya, V. D. Bezuglyi, Zhur. ob. khim., 35 no. 10 1703-1707 O '65.

BENZENE

Boron fluoride as catalyst in reactions promoting the removal of sulfur from coke chemical benzene, E. P. Babin, A. A. Kuz'menkov, N. L. Zotova, Zhur. prikl. khim., 38 no. 6 1253-1256 Je '65.

Equilibrium between liquid and vapor in the systems benzene - butyl acetate and carbon tetrachloride-butyl acetate, I. N. Bushmakina, B. Baldangin, P. A. Molodtchenko, Zhur. prikl. khim., 38 no. 5:1417-1418 Je '65.

Poisoning effect of benzene on an iron catalyst obtained by thermal decomposition of amalgams, A. E. Agronomov, A. P. Mischenko, Vest. Mosk. un. Ser. 2: Khim., 20 no. 4:31-39 Ji-Ag '65.

Polymerization of β -iodophenylacetylene, A. A. Berlin, M. I. Cherkashina, P. P. Kishikisa, Izv. AN SSSR, Ser. khim., no. 10:1875-1877 '65.

Preparation of polyvinylones by the reaction of dibromomethylbenzene with calcium carbide, I. A. M. Iushkin, I. U. A. Maikov, Vysokom. sood., 7 no. 9:1481-1483 S '65

Separation of isomeric alkyl benzenes by gas chromatography, S. V. Viti and others, Zhur. anal. khim., 20 no. 8:850-855 '65.

Studying the composition of the impurities of hydrofined benzene separated by the rectification method, L. I. Marichev, Koks i Khim., no. 3:11-47 '65.

Using the method of purification by sulfuric acid with additives in the recovery of benzene for organic synthesis, V. Z. Sokolov and others, Koks i khim., no. 8 7-10 '65.

BENZENE DERIVATIVES

Isomeric effects during the β -decay of RaE in the o-, m-, p-tolyl derivatives of bismuth, V. D. Nefedov and others, Radiokhimiya 7 no. 5:827-828 '65.

BENZHYDROL

Products of the condensation of aminobenzhydrols with compounds containing a labile hydrogen atom, V. I. Riabov, O. F. Ginzburg, Izv. vys. ucheb. zav., khim. i khim. tekhn., 8 no. 3:426-431 '65.

BENZIDINE

Quantitative polarographic determination of microconcentrations of p-phenylenediamine and benzidine, I. U. Bellis, Lab. delo no. 10:584-585 '65.

BENZIMIDAZOLE

Cyanine dyes containing fluorine. Part 12: Cyanine dyes from 5-Trifluoromethylmercapto-2-methylbenzimidazole derivatives, L. M. Lagudovskii and others, Zhur. ob. khim. 35 no. 9:1644-1650 S '65.

BENZODIAZEPINE—THERAPEUTIC USE

Use of librium in the treatment of schizophrenia with obsessions, L. I. Golovan', G. I. Zavidovskaya, I. U. Sukal'skaya, Zhur. nevro. i psikh., 65 no. 10:1574-1580 '65.

BENZOIC ACID

Adsorption of some derivatives of pentafluoro- and pentachlorobenzene at the solution-air and solution-mercury interfaces, V. A. Kuznetsov, B. B. Damaskin, Elektrokhimiya 1 no. 9:1153-1156 S '65.

BENZONITRILE

1,3-Bipolar addition to unsaturated compounds. Part 12: Addition of benzonitrile N-oxide and α ,N-diphenylhydrazine to alkyl thioenynes and their analogs, S. I. Radchenko, V. N. Chistoklov, A. A. Petrov, Zhur. ob. khim., 35 no. 10:1735-1739 O '65.

BENZOPHENONE

Reducing metalation of carbonyl compounds. Part 3: Interaction of dimethyl benzophenone derivatives with acid nitriles, D. V. Ioffe, Zhur. ob. khim., 35 no. 10: 1851-1855 O '65.

BENZOPYRENE

Localization of aromatic hydrocarbon 3,4-benzopyrene in cells. S. B. Patrusevich, M. N. Meisel'. Dokl. AN SSSR 165 no. 1 203-206 N '65

BENZOTHAZOLE

2-(β , β -trifluoroethyl)benzothiazole, 2-(α , β , β -trifluoroethyl)benzothiazole and their reactions. B. E. Gruz, L. M. Iagupol'ski. Zhur. ob khim. 35 no. 9 1636-1644 S '65

BENZYLAMINE

Physicochemical study of the interaction of anisil isothiocyanate with allyl and benzylamines. S. S. Kiriluk, I. M. Fedin. Zhur. fiz. khim. 39 no. 9:2293-2296 S '65

BERDSK (NOVOSIBIRSK PROVINCE)—WATER SUPPLY

Plutification of the Berdsk Gulf of Novosibirsk Reservoir as related to the problems of water supply to Berdsk. T. S. Udalova. Trudy TSSB 5 no. 10 95-94 '65

BEREZHOVA, BATTLE OF, 1941

Only one entry. P. Sagaldak. Voen. znani 41 no. 9:8-9 S '65.

BEREZINA PRESERVE—BIRDS

Birds of pine forests of the Berezina Preserve. R. K. Kozhevnikov. Ornitologiya no. 7:55-52 '65.

BERING SEA—AUKS

Petrels and auks of the Bering Sea. V. P. Shuntov. Ornitologiya no. 7 276-286 '65.

BERING SEA—FLATFISHES

First occurrence of *Erax zachirus* (Lock) at the Asian coast of the Bering Sea. M. I. Kulikov. Izv. TINRO 55 245 '64.

BERING SEA—HALIBUT

Efficient use of the Pacific halibut. A. A. Kirillova, P. L. Kendenkrova. Ryb. khoz. 41 no. 8 53-54 '65

BERING SEA—PETRELS

Petrels and auks of the Bering Sea. V. P. Shuntov. Ornitologiya no. 7:276-286 '65.

BERING SEA—SABLEFISH

Adaptability of the sablefish *Anoplopoma fimbria* (Pallas) to the radical changes in pressure. M. I. Kulikov. Izv. TINRO 55 247-248 '64

BERLIN—ALLIED OCCUPATION, 1945-

In Berlin after the liberation. Horst Schutzieler. Ist. SSSR 9 no. 3 209-225 My-Je '65.

BERLIN, BATTLE OF, 1945

In the direction of Berlin. G. Zhukov. Voen.-ist. zhur. 7 no. 6 12-22 Je '65.

BERLIN CONFERENCE, 1945

International academic colloquium devoted to the 20th anniversary of the Potsdam agreements. Werner Rosenberg. Mir, ekon. i mezhdunar. otn. no. 11 137-140 '65.

BERRES see subdivision under Kotelnich District

BERSHAD' DISTRICT—COLLECTIVE FARMS—INTER-

FAIRM COOPERATION
Current task. I. A. Mel'nychenko. Ekon. Rad. Ukr. 8 no. 5:54-55 My '65.

BERSHAD' DISTRICT—VEGETABLE GARDENING

Current task. I. A. Mel'nychenko. Ekon. Rad. Ukr. 8 no. 5:54-55 My '65.

BERYL—SPECTRA

Infrared spectroscopy of beryls. T. A. Sozenko. Vest. LGU 20 no. 18 130-133 '65.

BERYLLIUM—METALLURGY

Interaction of phenacetic with calcium carbonate during sintering. A. I. Zazubina, I. A. Katkov. Trudy Inst. met. i obog. AN Kazakh. SSR 12 108-110 '65.

BERYLLIUM—ALUMINUM ALLOYS see Aluminum-beryllium alloys

BERYLLIUM BRONZE—TESTING

Studying the strength and elasticity properties of a BrB2 beryllium bronze microtapes. Z. A. Timofeeva, L. B. Zhermanskaya. Metalloved. i term. obr. met. no. 3: 33-38 Mr '65.

BERYLLIUM COMPOUNDS

Investigating the system $\text{BeSO}_4 - \text{MgSO}_4 - \text{H}_2\text{O}$ at 25 and 50°. G. D. Savrukova, A. I. Zazubina. Trudy Inst. met. i obog. AN Kazakh. SSR 14:9-14 '65.

Polynuclear beryllium complexones. M. I. Kabachnik and others. Dokl. AN SSSR 184 no. 6:1311-1314 O '65.

BERYLLIUM FLUORIDE

Fluoride complexes of beryllium in a chloride-fluoride melt. M. V. Smirnov, V. B. Komarov, N. I. A. Chukreev. Zhur. neorg. khim. 10 no. 9:2001-2005 S '65.

BERYLLIUM ORES—ANALYSIS

Use of 3-acetyl-2-hexanone for the determination of beryllium in mineral raw materials and in products of their treatment. L. I. Moliseva, I. K. Mashentseva, N. M. Kuznetsova. Zhur. anal. khim. 20 no. 8:798-801 '65

BESSEMER PROCESS

Smelting of steel in oxygen and steam-blown converters with an acid lining. N. I. Goncharenko and others. Met. i gornorud. prom. no. 1 20-25 Ji-Ag '65
Thermal conditions in an oxygen-blown converter. V. S. Kocho and others. Met. i gornorud. prom. no. 4:16-20 Ji-Ag '65

BESSEMER PROCESS—TABLES, CALCULATIONS, ETC.

Working out nomograms for the calculation of additions during the converter smelting process. S. T. Zaykov, and others. Met. i gornorud. prom. no. 4 25-28 Ji-Ag '65.

BESTUZHEV, ALEKSANDR ALEKSANDROVICH, 1797-

1837
Smirnov, I. S. D. A. Bestuzhev-Marlinskii. [Leningrad] Lenizdat, 1965 37 p. (Uzinki Petropavlovskoi kreposti)

BETA RAYS—INDUSTRIAL APPLICATIONS

Express analysis of organometallic compounds based on reflected β -radiation. F. B. Ashbel' and others. Zav. lab. 31 no. 9 1052-1053 '65.

BETA RAYS—PHYSIOLOGICAL EFFECT

Effect of beta rays on the larvae of the housefly. V. D. Bubnov, I. S. Ivashkov. Trudy VNIIS 21:330 '64.

BETAMINE—PHYSIOLOGICAL EFFECT

Effect of cortisone and betamine on the oxidation of tyrosine in the liver of mice with experimental leukemia. A. I. D'yachkova. Vop. med. khim. 11 no. 1 61-65 Ja-F '65

BETATRON

Vorob'ov, A. A., and others. [Betatron defectoscopy of materials and articles] Betatonna defektoskopli materialov i izdelii. Moskva, Atomizdat, 1965. 177 p.

BIBENZYL

1,2-Diphenyl-1,1,2,2-tetrafluoroethane derivatives. Part 4. Amino derivatives of 1,2-diphenyl-1,1,2,2-tetrafluoroethane. L. M. Iagupol'ski, V. I. Troitskaya. Zhur. ob khim. 35 no. 8:612-1620 S '65
Reaction of phosphorus acid esters with 1,1-diphenyl-ethane hydroperoxide. P. A. Kirpichnikov and others. Dokl. AN SSSR 184 no. 5:1050-1053 O '65.

BIBLYBAT OIL FIELD—SECONDARY RECOVERY OF OIL

Determining the incremental production in secondary recovery of oil from layer V in the Biblybat field. T. I. Bagarov. Azerb. neft. khoz. 44 no. 8:20-30 Ag '65

BIBLIOGRAPHY

Akademiya nauk SSSR. [Bibliography of publications of the Academy of Sciences of the U.S.S.R.; a year-book] Bibliografiya izdaniy: ezhegodnik. Leningrad, Vol. 8. Bol'shinskaya, O. P., and others, comps. [Publications for the year 1963] Izdaniya, vyshedshe iz pechaty v 1963 g. Pod red. S. P. Lappova. 1965. 985 p.

[Annual of Soviet books; classed index] Ezhegod. knigi SSSR; sist. ukaz. vol. 1 '64, publ. 1965.

[Book chronicle] Knizh. let. nos. 44, 46 '65. Dopointel'nyi vypusk no. 9 '65. Ukazatel' seri, vypuski korykh zaregistirovanny v "Knizhnoi letopisi" za 1958 g. [Ukazatel' on microfilm]

[Chronicle of the publications of the White Russian S. S. R.] Let. druku BSSR nos. 6-7 Je-Ji '65.

[Information index of bibliographical lists and card files] Inform. ukaz. bibl. spis. i kart. 9 nos. 19-20 O '65

[New books; bibliographical information weekly] Nov. knigi, ezheed. Inform.-bibl. zhur. 10 nos. 30, 42-40 S-D '65

[New books of the U. S. S. R.] Nov. knigi SSSR nos. 8-17, 19-20, 37, 40-45, F-My, S-N '65.

BIBLIOGRAPHY—AGRICULTURAL CHEMISTRY

New books and articles on agricultural chemistry. Khim. y sol'. khoz. 3 no. 9:77-80 S '65.
Propaganda of chemistry. V. Artem'ev. Bibliotekar' 43 no. 10:10-12 O '65.

BIBLIOGRAPHY—AGRICULTURE

For the library of an agronomist. L. Raskin. Zemledelie 27 no. 11:85-86 N '65.
[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sol', khoz. 9 no. 10 O '65.

BIBLIOGRAPHY—AGRICULTURE—LABOR PRODUCTIVITY

Moscow. Tsentral'naya nauchnaya sel'skokhoziaistvennaya biblioteka. [Labor productivity in the agriculture of foreign countries; a bibliographical list of foreign literature for 1940-1963] Proizvoditel'nost' truda v sel'skom khoziaistve zarubezhnykh stran, bibliograficheskiy spisek inostrannoy literatury za 1940-1963 gg. Moskva, 1965. 143 p.

BIBLIOGRAPHY—ANTARCTIC REGIONS

Bibliography. Inform. biul. Sov. antark. eksp. no. 5:31-32 '65.

BIBLIOGRAPHY—ART

[Literature and art of the peoples of the U. S. S. R. and foreign countries] Lit. i isk. nar. SSSR i zarubezhnykh stran no. 5 '65

BIBLIOGRAPHY—AUTOMATION

Cybernetics and production management. M. B. Skolnikova. Vych. i org. tekhn. v stroit. i proek. no. 1:160-161 '64.

BIBLIOGRAPHY—BIOLOGICAL PRODUCTS

Moscow. Tsentral'naya nauchnaya sel'skokhoziaistvennaya biblioteka. Spravochno-bibliograficheskiy add. 1 [Biogenic stimulants in animal husbandry, bibliographical list of Soviet literature published from 1961 to 1964 comprising 244 items] Biostimulyatory v zhivotnovodstve, bibliograficheskiy spisek otchestvennoy literatury za 1961-1964 gg. v kollektive 244 nazvaniy. Moskva, Akad. sel'skhoz. nauk, 1965 25 p.

BIBLIOGRAPHY—BIOLOGY

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'khoz. 9 no. 10 O '65.

BIBLIOGRAPHY—BUILDING

Design and planning in newspapers and periodicals during 1963. E. M. Rudoi. Vych. i org. tekhn. v stroit. i proek. no. 1:162-167 '64.

BIBLIOGRAPHY—CHEMISTRY

[Chemical information; classed index of articles in foreign periodicals] Khim. inform., sist. ukaz. v inostr. zhur. no. 8 S '65

BIBLIOGRAPHY—CHEMISTRY, ANALYTICAL

New books. Zhur. anal. khim. 20 no. 8 801 '65.

BIBLIOGRAPHY—COMMUNIST EDUCATION

For propaganda and students. V. Voinberg. Ist. zhizni no. 21:73-78 N '65.

BIBLIOGRAPHY—COMMUNIST PARTIES

Documents and articles on the history of the CPSU and the international Communist and labor movement, published in journals, studies, collections, and translations in August 1965. Vop. ist. KPSS 9 no. 10:141-148 O '65.

Documents and articles on the history of the CPSU and the international Communist and labor movement, published in journals, studies, collections, and translations in September 1965. Vop. ist. KPSS 9 no. 11:150-154 N '65.

BIBLIOGRAPHY—COPYING PROCESSES

Scientific and technological information of 1963-1964 on the reproduction of documents. Vych. i org. tekhn. v stroit. i proek. no. 1:160-161 '64.

BIBLIOGRAPHY—ECONOMICS

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam; ekon., filoz., ist. i mezh. dunar. otn. 8 no. 10 O '65.

BIBLIOGRAPHY—EDUCATION

[Literature on the pedagogical sciences and public education] Lit. po ped. naukam i nar. obr. Ja-Je '64 no. 2 '65.

BIBLIOGRAPHY—ELECTRIC ENGINEERING

To the attention of the readers of "Elektrichestvo". Elektrichestvo no. 9:91-93 S '65.

BIBLIOGRAPHY—EPIDEMIOLOGY

Index of I. M. Anichol's scientific works. Trudy I. M. Anichol, i mikrobiol. 24:303-310 '63.

BIBLIOGRAPHY—GLACIOLOGY

Mirovoi tsentr dannykh MGG B. Okonchatel'nyi katalog po glatsiologii za period MGG/MGS. Final catalogue of IGY/IOC glaciological data. Moskva, 1963. 164 p. [In Russian and English] (NNC)

BIBLIOGRAPHY—GLADKOV, FEDOV VASIL'YICH,

1893-1958

A. F. V. Gladkov
100 p.

BIBLIOGRAPHY—GREAT BRITAIN—GOVERNMENT

OWNERSHIP
Akademiya nauk SSSR. Fundamentalnaya biblioteka obshchestvennykh nauk. [Nationalization and the problems of nationalized branches in Great Britain in the postwar period; a bibliographical list of books and periodical articles for 1940-1963] Natsionalizatsiya i problemy natsionalizirovannykh otasl' v Velikobritanii v poslevoynnyy period; bibliograficheskiy ukazatel' knig i zhurnal'nykh stat'ei za 1940-1963 g.g. Moskva, 1964. 137 p.

BIBLIOGRAPHY—HERPETOLOGY

Moscow. Tsentral'naya nauchnaya sel'skokhozyaistvennaya biblioteka. Spravochno-bibliograficheskiy otdel. [Index of herpetology in vegetable and vine crop growing, bibliographical list of Soviet literature published from 1959 to 1961 comprising 182 items] Ispol'zovaniye gerpetofauny v ovoshchevodstve i bakhtchevodstve, bibliograficheskiy spisek otechestvennoy literatury v kollektive 182 nazvaniy za 1959-1961 gg. Moskva, Akad. sel'khoz. nauk, 1965. 23 p.

BIBLIOGRAPHY—HISTORY

[New foreign books on the social sciences, economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezh-dunar. otz. 8 no. 10 O '65.

BIBLIOGRAPHY—HISTORY, MODERN

Moscow. Gosudarstvennaya publichnaya istoricheskaya biblioteka. [Modern history, annotated bibliography for teachers of secondary schools] Novaya istoriya, smulirovanniy ukazatel' literatury dlya uchitel'ov srednei shkoly. Pod red. I. S. Galkina. Moskva, Kniga, 1965. 210 p.

BIBLIOGRAPHY—HYDROPONICS

Moscow. Tsentral'naya nauchnaya sel'skokhozyaistvennaya biblioteka. Spravochno-bibliograficheskiy otdel. [Soil-less growing of farm plants, index of Soviet literature published from April 1 to December 31, 1964] Vyrashchivaniye sel'skokhozyaistvennykh rasteniy bez pochvy; ukazatel' otechestvennoy literatury s 1 aprilya po 31 dekabrya 1964 g. Sost. E. M. Tsvetkova. Moskva, 1965. 43 p.

BIBLIOGRAPHY—INDUSTRIAL MANAGEMENT

Organization of work on a scientific basis. IU, Tugov. Biblioteka. 43 no. 10:13-15 O '65.

BIBLIOGRAPHY—INTERNATIONAL RELATIONS

Egorov, V. N., comp. [Foreign policy and international relations, bibliography manual, 1961-June 1964] Vneshtnaya politika i mezhdunarodnye otnosheniya, bibliograficheskiy spravochnik 1961-Iyun' 1964 g. Moskva, Izd-vo "Mezhdunarodnye otnosheniya," 1965. 279 p.

[New foreign books on the social sciences, economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezh-dunar. otz. 8 no. 10 O '65.

BIBLIOGRAPHY—KAZAKHSTAN—HISTORY

[Bibliography of the history of Kazakhstan] Bibl. po ist. Kazakh. no. 1 '64.

BIBLIOGRAPHY—KIRGHIZISTAN—MEDICINE

Trunze. Kirgizskiy institut kraevoy meditsiny. [Bibliography of works completed at the Kirgiz Institute of Regional Medicine, 1954-1964] Bibliografiya rabot, vypolnennykh v kirgizskom institute kraevoy meditsiny 1954-1964. Trunze [1964] 54 p.

BIBLIOGRAPHY—KOLA PENINSULA

Akademiya nauk SSSR. Kol'skiy filial, Khovsk. Biblioteka. [Kola Peninsula; a bibliography of Soviet literature, 1962] Kol'skiy poluostr'ov; bibliograficheskiy ukazatel' sovet'skoy literatury (1962 god) Sost. M. T. Bosporova i L. B. Petrovskaya. Apatity, 1965. 62 p.

BIBLIOGRAPHY—LAW

New legal literature in the U. S. S. R., July-August 1965. Sov. gos. i pravo 35 no. 10:153-158 O '65.

BIBLIOGRAPHY—LENIN, VLADIMIR IL'ICH, 1870-1924

Index to the bibliographies of the volumes of V. I. Lenin's complete collected works. N. D. Shukhnovskaya. Vop. ist. KPSS 9 no. 10:99-100 O '65.

Property of the people. Knizh. tolg. 10 no. 4:3 Ap '65.

BIBLIOGRAPHY—LITERATURE

[Literature and art of the peoples of the U. S. S. R. and foreign countries] Lit. i isk. nar. SSSR i za rub. stran no. 5 '65.

BIBLIOGRAPHY—LUR'E, SOLOMON IAKOVLEVICH, 1890-1964

List of works by S. I. A. Lur'e. I. D. Amusin. Vest. drev. ist. no. 1:231-230 '65.

BIBLIOGRAPHY—MACROMOLECULAR COMPOUNDS

Akademiya nauk SSSR. Biblioteka. [High-molecular compounds; biographic index of Soviet and foreign books, 1930-1963] Vysokomolekulyarnye soedineniya, bibliograficheskiy ukazatel' otechestvennykh i zarubezhnykh knig 1930-1963. Sost. R. M. Vilenskaya. Pod red. S. I. A. Frankella. Leningrad, 1965. 368 p.

BIBLIOGRAPHY—MAPS

[Cartographic chronicle, 1964] Kart. let 1964, publ. 1965.

BIBLIOGRAPHY—MATERIALS

Akademiya nauk URSS. Kiev. Institut problem materiyaloznavstva. [Bibliography of works of the members of the Institute of Problems in the Study of Materials of the Academy of Sciences of the Ukrainian S. S. R., 1962-1963] Bibliografiya trudov soodruzhnikov Instituta problem materiyalovedeniya AN URSS (1962 i 1963 gg.) Kiev, In-t tekhn. Informatsii, 1965. 53 p.

BIBLIOGRAPHY—MECHANICAL DRAWING

Cherniak, A. I. A. [Mechanical drawing for the worker, an index of recommended literature] Rabochemu - o tekhnicheskoy ehticheskoy, rekomendatsionnyy ukazatel' literatury. Moskva, Gos. biblioteka SSSR, 1959, 31 p. (NR)

BIBLIOGRAPHY—MEDICINE

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Sci. V. Biol., med., sci. khov. 9 no. 10 O '65.

BIBLIOGRAPHY—MEDICINE, RURAL

Khavkov. Detskaya nauka meditsina biblioteka. [Organization of medical service for the rural population, for the group conference of the chief physicians of central, numbered, district and rural district hospitals] Organizatsiya meditsinskogo obsluzhivaniya sel'skogo naseleniya, k kustosovomu soveshchaniyu glavnykh vnael' tsentral'nykh nomenykh, salonykh, i sel'skikh uchastkovykh bol'nits. Khavkov, 1964. 20 p. (CS-11)

BIBLIOGRAPHY—MENTAL ILLNESS

Index of books on neuropsychology, psychiatry, and related disciplines received in the State Central Scientific Medical Library in July 1965. F. A. Akhutin. Zhur. nev. i psikh. 65 no. 10:1595-1596 '65.

BIBLIOGRAPHY—METEOROLOGY

Akademiya nauk SSSR. Mezhdudedomstvennyy geofizicheskiy komitet. [Meteorology and the physics of the atmosphere; a bibliography, 1960-1962] Meteorologiya i fizika atmosfery; bibliograficheskiy ukazatel' 1960-1962 gg. [Moskva, 1965] 244 p.

BIBLIOGRAPHY—METEOROLOGY, AGRICULTURAL

Works on problems of agrometeorology published for the Soviet period in the system of the hydrometeorological service in Uzbekistan. Trudy Sred.-Az. nauch.-issled. gidrometeor. inst. no. 24:28-34 '65.

BIBLIOGRAPHY—MILITARY ART AND SCIENCE

Books on the history of wars and military art. Voen.-ist. zhur. 7 no. 6:109-112 Je '65.

BIBLIOGRAPHY—MILITARY HISTORY

Books on the history of wars and military art. Voen.-ist. zhur. 7 no. 6:106-112 Je '65.

BIBLIOGRAPHY—MOTION PICTURES—PATENTS

Soviet certificates of inventions in motion-picture equipment. Tekh. kino i telev. 9 no. 11:88-90 N '65.

BIBLIOGRAPHY—MUNICIPAL SERVICES

Bibliography of manuscript and printed scientific research works of the members of the Rostov Scientific Research Institute of the Academy of Municipal Services in the years 1933 - 1941 and 1946 - 1962. L. A. Berz. Shor. nauch. trudy. RNI AKKH no. 2:102-174 '63.

BIBLIOGRAPHY—MUSIC

[Chronicle of musical literature] Let. muz. lit. no. 3 '65.

BIBLIOGRAPHY—OLONETS (KARELIA)

Petrozavodsk. Publichnaya biblioteka. [Olonets; a leaflet for readers] Olonets; pamiatnik chitatel'nu. Petrozavodsk. Karelskoye knizhnoye izd-vo, 1964. 20 p. (CS-11)

BIBLIOGRAPHY—PERIODICALS

[Chronicle of periodical publications of the U. S. S. R.] Let. period. izd. SSSR Ap '63 - Ap '65.

BIBLIOGRAPHY—PHARMACY

New literature on pharmacology published in 1964. A. M. Fil'min. Apt. delo 14 no. 1:81-87 Ja-P '65.

BIBLIOGRAPHY—PHILOSOPHY

New books on philosophy. Nauch. dokl. vys. shkoly; filos. nauki 4 no. 5:149-152 '65.

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezh-dunar. otz. 8 no. 10 O '65.

BIBLIOGRAPHY—PHOTOPERIODISM

Moscow. Glavnyi botanicheskiy sad. Nauchnaya biblioteka. [Photoperiodism of plants, bibliography of the literature for 1940-1963] Fotoperiodizm rasteniy; bibliograficheskiy ukazatel' literatury 1940-1963 gg. Sostaviteli: T. N. Sokolova, T. V. Sakova. Pod red. N. N. Konstantinova. Moskva, Nauka, 1965. 304 p.

BIBLIOGRAPHY—PLANTS, PROTECTION OF

[Bibliography of plant protection, 1964] Bibliografiya zashchity rasteniy; bibliograficheskiy spisek otechestvennoy literatury za 1964-1965 gg. v kollektive 210 nazvaniy. Moskva, 1965. 27 p.

BIBLIOGRAPHY—PLASTICS IN AGRICULTURE

Mos. bil. of. of. [Index of recommended literature] Rabochemu - o tekhnicheskoy ehticheskoy, rekomendatsionnyy ukazatel' literatury. Moskva, Gos. biblioteka SSSR, 1959, 31 p. (NR)

BIBLIOGRAPHY—POULTRY HOUSES AND EQUIPMENT

Moscow. Tsentral'naya nauchnaya sel'skokhozyaistvennaya biblioteka. Spravochno-bibliograficheskiy otdel. [Mechanization and electrification of poultry farms, bibliographical list of Soviet literature published from 1962 to 1964 comprising 230 items] Mekhanizatsiya i elektrifikatsiya ptitsevodcheskikh ferm, bibliograficheskiy spisek otechestvennoy literatury za 1962-1964 gg. v kollektive 230 nazvaniy. Moskva, 1965. 25 p.

BIBLIOGRAPHY—POWER ENGINEERING

Literature on industrial power engineering. Prom. energ. 20 no. 10:62 O '65.

BIBLIOGRAPHY—PRESS

On the Day of the Press. Knizh. tolg. 16 no. 4:8 Ap '65.

BIBLIOGRAPHY—ROCKS

Akademiya nauk SSSR. Sibirskoye otdelenie. Gosudarstvennaya publichnaya nauchno-tekhnicheskaya biblioteka. Nauchno-bibliograficheskiy otdel. [Physical properties of rocks; a bibliography, 1950-1963] Fizicheskie svoystva goruykh porod; bibliografiya 1950-1963. Novosibirsk, Akad. nauk SSSR, 1964. 512 p.

BIBLIOGRAPHY—RUSSIA—HISTORY

New literature on the history of the U. S. S. R. Ist. SSSR 9 no. 3:194-199 My-Je '65.

BIBLIOGRAPHY—RUSSIAN LITERATURE

Brief book reviews. Oktabr' 42 no. 10:221-224 O '65.

BIBLIOGRAPHY—RUSSIAN STUDIES

Brief surveys of periodicals on Soviet studies. R. Z. Mat. i soob. teat. otd. Inst. po izuch. SSSR no. 55/56: 115-119 '64.

BIBLIOGRAPHY—SCIENCE

[New foreign books. Series A: Mathematics, mechanics, astronomy, physics, geophysics, chemistry, geology, physical geography] Nov. knigi za rub. Sci. A. 10 no. 10 O '65.

BIBLIOGRAPHY—SOCIAL SCIENCES

An anniversary edition of sociopolitical literature. G. M. Alekseev. Vop. ist. KPSS 9 no. 10:152-151 O '65.

BIBLIOGRAPHY—SOILS

Bibliography. Pochvovedenie no. 9:99-110 S '65.

BIBLIOGRAPHY—SUDRABKALNS, JANIS, 1894-

Latvijas Padomju Sociālistiskās Republikas Zinatnu akadēmija. Valodas un literatūras institūts [Janis Sudrabkalns, a bibliography] Janis Sudrabkalns, bibliografijs. Riga, Latvijas PSR. Zinatnu akad. izdevnieciba, 1964. 391 p. [In Latvian] (M)

BIBLIOGRAPHY—TISSUE EXTRACTS

Moscow. Tsentral'naya nauchnaya sel'skokhozyaistvennaya biblioteka. Spravochno-bibliograficheskiy otdel. [Biogenic stimulants in animal husbandry, bibliographical list of Soviet literature published from 1961 to 1964 comprising 244 items] Biostimulyatory v zhivotnovodstve; bibliograficheskiy spisek otechestvennoy literatury za 1961-1964 gg. v kollektive 244 nazvaniy. Moskva, Akad. sel'khoz. nauk, 1965. 26 p.

BIBLIOGRAPHY—TRADE UNIONS

Published in 1965. I. Smirnov. Sov. profsoyuzy 21 no. 2: 44-45 N '65.

BIBLIOGRAPHY—UKRAINE—HISTORY, MILITARY

Ripetaky, Stepan. [Bibliography of sources on the history of the Ukrainian Sich Riflemen] Bibliografiya dzherel do istorii Ukrain'skykh Sichovykh Stril'stiv. New York, Vydavnycha komisija Bratstva USS, 1965. 115 p.

BIBLIOGRAPHY—UKRAINE, WESTERN—EUROPEAN WAR, 1914-1918

Ripetaky, Stepan. [Bibliography of sources on the history of the Ukrainian Sich Riflemen] Bibliografiya dzherel do istorii Ukrain'skykh Sichovykh Stril'stiv. New York, Vydavnycha komisija Bratstva USS, 1965. 115 p.

BIBLIOGRAPHY—UKRAINIAN LITERATURE

Literary studies and critical publications of "Radianskyi pys'mennyk." M. Sydorak. Rad. lit. 9 no. 9:96 S '65.

BIBLIOGRAPHY—VOLGA DELTA—PARASITOLOGY

Supplement to the bibliography on parasitology of the Volga Delta. Z. A. Kurchikina. Trudy Astr. zap. 1964, 227-237. '64.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)

How to use recommended bibliographies. B. Smolnova. Bibliotek. 13 no. 10 42-45 O '65.

BICILLIN

Clinical observations on the treatment of syphilis with bicillin-4. N. A. Troshchinskaya. Vest. dermat. ven. 1 82-85 '65.

Effectiveness of the treatment of infectious syphilis (stage I and II) with bicillin-1 and bicillin-3. G. M. Pikhaleva and others. Vest. dermat. ven. 1 156-61 '65.

BICYCLE RACING

Use of energy characteristics of various gear positions. R. M. Ragimov. Teor. i prak. fiz. kul't. 28 no. 8 35-37 Ag '65.

BIDSTRUP, HERLUF, 1912-

Bidstrup in Moscow. V. Mitin. Sov. voen. 46 no. 17 38 Ag '64.

BIG BUSINESS see subdivision under California

BILE

Variability of *Escherichia coli* in continuous culture on media with bile. A. N. Kovalevskaya, T. A. Revenko. Mikrobiologiya 34 no. 4 680-682 Ji-Ag '65.

BILE DUCTS—CANCER

Causes of late diagnosis of primary cancer of the liver and the bile ducts. A. K. Lukinykh. Nauch. trudy Riaz. med. inst. 14:135-145 '60.

BILE DUCTS—DISEASES

Effect of cholecystitis and angiocholitis on the course of typhoid and paratyphoid diseases. A. P. Kazantsev. Sov. med. 28 no. 3 85-89 Mr '65.

BILIARY CALCULI see Calculi, Biliary

BILIARY TRACT—DISEASES

Effect of mineral water from Baitila spring on the secretory function of the stomach, bile secretion and activity of the intestine. L. A. Terent'eva and others. Sbor. nauch. rab. vrach. san.-kur. uch. profsojuzov no. 1, 64-66 '64.

Medicinal effect of water extracts from birch leaves. N. L. Mattison, O. P. Nizkovskaya, E. I. Martynova. Rast. res. 1 no. 3 377-380 '65.

BILIARY TRACT—INFLAMMATION

Treatment of chronic angiocholecystitis at Arshan Health Resort. S. S. Pozdnev, L. G. Levina, A. I. Kudr. atykh. Sbor. nauch. rab. vrach. san.-kur. uch. profsojuzov no. 1 126-131 '64.

BILIRUBIN

Method of determining bilirubin (according to Jendrassek, Cleghorn and Grof's method). V. T. Morozova. Lab. delo no. 10 588-591 '65.

BILL DRAFTING

Legislative Drafting and Codification Department of the People's Commissariat of Justice of the R.S.F.S.R. and its role in the preliminary review of legislative projects, 1917-1922. L. I. Antonova. Izv. vys. ucheb. zav., prav. 9 no. 1 111-119 '65.

Potential use of cybernetic methods in legislative activities. O. A. Gavrilov. Sov. gos. i pravo 35 no. 10:118-123 O '65.

BINAGADY REGION (AZERBAIJAN)—OWLS, FOSSIL

A new species of fossil eagle owl from Binagady. N. I. Burchak-Abramovich. Ornitologiya no. 7:452-454 '65.

BINDING MATERIALS

Arbuzov, B. A. [Efficient methods of preparing coated mixtures] Ratsional'nye sposoby prigotovleniya plakirovannykh smesey. Leningrad, 1965. 23 p. (Leninogradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Liteinoe proizvodstvo, termicheskaya obrabotka i metallovedenie)

Butt, T. U. M., and L. N. Rashkovich. [Hardening of binding materials at high temperatures] Tverdenie vlyazhushchikh pri povyshennykh temperaturakh. Izd. 2., perer. i dop. Moskva, Stroiizdat, 1965. 222 p. illus. charts (insert)

Butt, T. U. M., ed. [Technology of binding materials] Tekhnologiya vlyazhushchikh veshchestv. [By] T. U. M. Butt i dr. Moskva, Vysshaya shkola, 1965. 619 p.

Sulfate resistance of gypsum-cement-pozzolonal and gypsum-slag-cement binders of improved strength. A. V. Volzhenskii, A. V. Ferronakaya, G. F. Mikhailova. Stroim. 11 no. 10:30-31 O '65.

Synthetic binders in the production of mineral wool products. G. A. Isakov and others. Stroim. 11 no. 10:35 O '65.

BINDING MATERIALS—STORAGE

Mechanized storage of liquid binders. P. F. Parasiuk. Lit. proizv. no. 9,40 5 '65.

BINS—SAFETY MEASURES

Makovich, A. T. [Safety manual for workers servicing cement silos and bunkers] Pamiatka po tekhnike bezopasnosti dlia rabochikh, obsluzhivavshchikh tsimentnye silosy i bunkery. Moskva, Stroiizdat, 1965. 27 p. (Toksika bezopasnosti v promyshlennosti stroitel'nykh materialov)

BIOCHEMISTRY

Accumulation of glutamine by tumors and its inclusion in the proteins of tumorous and normal cells. K. A. Pavlovskikh, A. P. Belousov, V. P. Shishkov. Vop. med. khim. 11 no. 2 32-36 Mr-Ap '65.

Age-related characteristics of the sensitivity of tissues to the effect of hormones. V. V. Frol'kis. Fiziol. zhur. 51 no. 7 837-862 '65.

Biochemical and cytochemical characteristics of cerebral tumors. L. Z. Pevzner, E. D. Tumina. Vop. med. khim. 11 no. 1 3-17 Ja-I '65.

Biochemical indices in the clinical aspect of pulmonary and extrapulmonary forms of tuberculosis. N. N. Biokhin. Probl. tub. 10 no. 7 21-29 '64.

Biosynthesis of asparagine and carnosine and their intracellular distribution in the muscular tissue in chickens. O. V. Dobrylina. Vop. med. khim. 11 no. 1 87-99 Ja-F '65.

Correlations between lactose, sodium and potassium in human milk during the lactation period. O. F. Tanasitshuk. Fiziol. zhur. 51 no. 7 867-869 '65.

Effect of vitamin B15 on the biochemical processes in muscular activity. N. N. Iakovlev. Vop. med. khim. 11 no. 1 44-50 Ja-F '65.

Inhibition of the biosynthesis of cholesterol and fatty acids in the liver in rats by derivatives of mevalonic acid. A. N. Klimov and others. Vop. med. khim. 11 no. 1 101-103 Ja-F '65.

Role of calcium ions in the excretion of stimulating substances from a frog's heart under the effect of acetylcholine and adrenaline. I. G. Putintseva. Fiziol. zhur. 51 no. 7 861-864 '65.

Significance of biochemical properties of the nucleus apparatus of the tumor cell in the pathogenesis of cancer. I. B. Zbarskii. Vest. AMN SSSR no. 4:7-10 '65.

BIOCHEMISTRY—ABSTRACTS

[Biochemistry] Ref. zhur.: Biol. khim. nos. 19-22 O-N '65.

BIOCHEMISTRY—CONGRESSES

Sixth International Biochemical Congress. L. K. Omit'skaya. Mikrobiologiya 34 no. 5 931-937 S-O '65.

BIOCHEMISTRY see subdivision under Kazakhstan

BIOFLAVONOIDS

Capillary permeability and vitamin P deficiency in hypertension. N. S. Kolesin. Kardiologiya no. 3:75-76 '65.

BIOGEOCHEMISTRY

Role of marine plankton in the migration of chemical elements. Z. A. Vinogradova. Gidrobiol. zhur. 1 no. 4:12-18 '65.

BIOLOGICAL PRODUCTS—BIBLIOGRAPHY see Bibliography—Biological products

BIOLOGICAL SOCIETIES see subdivision under Samarkand

BIOLOGY

Lunkovich, V. V. [Popular biology] Zanimatel'naya biologiya. Moskva, Nauka, 1965. 272 p.

Physical aspects of some problems in molecular biology. S. E. Bresler. Usp. fiz. nauk 84 no. 3:119-430 N '64.

BIOLOGY—ABSTRACTS

[Biology] Ref. zhur.: Biol. nos. 10-21 O-N '65.

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—DICTIONARIES

Rokitskii, P. F. [English-Russian biological dictionary] Anglo-russkii biologicheskii slovar'. Izd. 2. Moskva, Sovetskaya Entsiklopediya, 1965. 680 p. (DNAL)

BIOLOGY—PHILOSOPHY

Kiev. Meditsynskii institut. [Philosophical problems in medicine and biology] Filosofskie voprosy meditsiny i biologii. Kiev, Zdorov'ia, 1965. 255 p.

BIO-LUMINESCENCE

Bioluminescence and chemiluminescence of some organic compounds. A. I. Zburayev, V. A. Veselovskii, N. N. Koshchenko. Usp. sov. biol. 60 no. 2:178-197 S-O '65.

Effect of low temperatures on the extremely weak luminescence of plants. A. Sh. Agayev, I. A. E. Doskoch, B. N. Tarusov. Biofizika 10 no. 5 832-836 '65.

Mechanism of bioluminescence in plants. R. A. Gasanov. Izv. AN Azerb. SSR. Ser. biol. nauk no. 3:9-15 '65.

Polarization spectra of fluorescence and phosphorescence based on emitting mitochondria and cell nuclei. S. V. Konev, V. P. Bobrovich. Biofizika 10 no. 5 813-816 '65.

BIONICS

Orientation and navigation of animals; the main trends in bionic research. B. P. Mantel'tse, N. P. Naumov, V. E. Akhmet. Priroda 54 no. 2 26-32 F '65.

BIOPHYSICS

Biophysics and its objectives. B. N. Tarasov. Nauch. dokl. vys. shkoly. Biol. nauki no. 4:7-11 '65.

BIOPSY

Diagnostic role of puncture biopsy on the surgical table in diseases of abdominal organs. A. F. Lobko. Sov. med. 28 no. 9 36-40 Mr '65.

BIO-SYNTHESIS

Guanosine monophosphate-synthetase reaction of *E. coli*. S. R. Mardashev, L. M. Aravala. Ukr. biokh. zhur. 37 no. 5:761-760 '65.

Indazole, adenylic acid, coenzyme A, and their acetyl derivatives involved in the synthesis and biodegradation of acetylcholine. S. I. Savvin, I. A. Popova. Khim. khim. 10 no. 5:870-870 S-O '65.

Matrix activity of DNA and chromatin from the embryo of *Megoura fontinalis* in RNA synthesis. D. I. Dzhokhalev, K. A. Rafanil, M. A. Timofeeva. Sob. AN Gruz. SSR 30 no. 3 577-502 S '65.

Nonspecific functions of nucleic acids and other polyanions in protein biosynthesis. M. F. Iuliy, F. P. Matylenko, A. H. Shakhlyar. Ukr. biokh. zhur. 37 no. 5:700-711 '65.

Nucleic acids, synthesis of protein and chlorophyll in chloroplasts. N. M. Slonkin. Ukr. biokh. zhur. 37 no. 5 840-840 '65.

Some methodological problems of producing highly active xanthophyll preparations. V. S. Snokov, A. S. Seldin. Uzb. biol. zhur. 9 no. 4:5-0 '65.

Study of soluble RNA and aminoacyl-RNA-synthetase in a comparative specificity aspect. A. N. Dolobovskii, G. N. Zaitseva. Ukr. biokh. zhur. 37 no. 5:650-664 '65.

Synthesis of AU-type RNA in animal cells. K. G. Gavarina, N. G. Shupina, H. D. Priokoshkin. Dokl. AN SSSR 164 no. 6:1413-1416 O '65.

BIOTIC COMMUNITIES

Production of filamentous algae in ponds and the biocenosis connected with these algae. O. V. Evlakh. Trudy VNIIPKII 13:157-161 '65.

Tasks and work program of the new Scientific Council. V. N. Sukachev. Vest. AN SSSR 35 no. 10 55-57 O '65.

BIPHENYL

Sodium oxydiphosphate for disinfecting refrigeration chambers. L. T. Golosmol. Veterinariia 12 no. 10 83 84 O '65.

BIRCH

Mineral nutrition of pine and birch in pure and mixed stands. A. L. Mamedov. Agroklimat no. 20:93 104 O '65.

BIRCH—THERAPEUTIC USE

Medicinal effect of water extracts from birch leaves. N. L. Mattison, O. P. Nizkovskaya, E. I. Martynova. Rast. res. 1 no. 3:377-380 '65.

BIRD LICE—EXTERMINATION

Dimethylidichloroethyl phosphate as an effective means in controlling chicken mites. B. A. Prolov. Trudy VNIIVS 24:55-64 '61.

BIRD POPULATIONS

(see also subdivision under Teiskel Alatau)

Evaluation of the role of bird populations in the removal of nature. P. P. Vtorov. Ornitologiya no. 7:165 169 '65.

Population characteristics of the migration of birds. T. P. Shevtsova. Ornitologiya no. 7:316-327 '65.

BIRDBANDING

Migration of sandpipers according to birdbanding data. M. I. Lebedeva. Ornitologiya no. 7:328-340 '65.

Ringed mottled ducks in the Anzrakhan Preserve. M. A. Gantshina, A. E. Lagovoi. Trudy Aul. zap. no. 11 393-398 '63.

BIRDS

(see also subdivision under Altai Mountains, Amu Darya Valley, Balkh Lake region, Bashkir Preserve, Berezina Preserve, Dnepropetrovsk region, Dnieper Valley, Estonia; Gorky region; Karenga Valley; Klauka, Lake; Khanty-Mansi National Area; Khor Valley; Kolyma Range, Kurile Islands, Kyzyl-Agach Preserve; Maritime Territory; Mongolia; Moscow; Repetek Desert Preserve; Rostov Province; Sakhalin Range; Siberia, Western; Talas Alatau; Tengiz Depression; Volga Delta)

Avifauna of water reservoirs. V. V. Slakhovskii. Ornitologiya no. 7:400 '65.

Notes on the history of some elements in the avifauna of the arid zone of the Palearctic. L. S. Stepanov. Nauch. dokl. vys. shkoly. Biol. nauki no. 4 39-42 '65.

BIRDS—BEHAVIOR

Testing a new contact apparatus for studying the behavior of hatching birds. M. S. Dolbik. Ornitologiya no. 7: 365-370 '65.

BIRDS—EGGS AND NESTS

(see also subdivision under Black Sea Preserve, Krasnoyarsk Territory, Kuybyshev Reservoir)

Testing a new contact apparatus for studying the behavior of hatching birds. M. S. Dolbik. Ornitologiya no. 7: 365-370 '65.

BIRDS—EMBRYOLOGY see Embryology—Birds**BIRDS—FOOD**

(see also subdivision under Moscow region)

Feeding habits of little owl in the Aral-Paygambar Preserve (Uzbekistan). G. I. Ishumov. Ornitologiya no. 7: 471-472 '65.

More on the feeding habits of bank swallow. O. M. Miasoedova. Ornitologiya no. 7: 461-462 '65.

Use of sticky caps for studying the feeding habits of young birds of prey. V. M. Galushin. Ornitologiya no. 7: 380-384 '65.

BIRDS—GEOGRAPHICAL DISTRIBUTION

(see also subdivision under Azerbaijan, Khakhsir Range)

Artificial geography in the Ornitologiya during the last 5 years. V. F. Lariyev. Ornitologiya no. 7: 503-504 '65.

Geographical variation of capercaillie. N. N. Danilov. Ornitologiya no. 7: 440-445 '65.

Large-scale map drawing of the distribution of tetraonid birds. E. I. Korenberg, I. V. Kovalevskii, V. I. Kuznetsov. Ornitologiya no. 7: 371-379 '65.

BIRDS—MIGRATION

(see also subdivision under Estonia; Taymyr Peninsula; Ukraine, Western)

Migration of sandpipers according to birdbanding data. M. I. Lebedeva. Ornitologiya no. 7: 328-340 '65.

Notes on the fall migration of sandpipers in the Volga Delta. E. N. Matkushin. Trudy Astr. zap. no. 8: 295-307 '63.

Population characteristics of the migration of birds. T. P. Shevareva. Ornitologiya no. 7: 310-327 '65.

BIRDS—PARASITES see Parasites—Birds**BIRDS—PHYSIOLOGY**

Age-related changes in birds. N. S. Anorova. Ornitologiya no. 7: 395-415 '65.

Biological significance of black grouse mating in the light of the sexual selection theory. A. M. Chel'tsov-Debutov. Ornitologiya no. 7: 380-397 '65.

Relation between the abortive (fall) sex cycle of some birds and the conditions of daylight. V. F. Lariyev, V. A. Zhelezn. Ornitologiya no. 7: 475-476 '65.

BIRDS, PROTECTION OF

Problems of bird protection. N. A. Gladkov. Ornitologiya no. 7: 8-10 '65.

BIRDS IN WINTER

(see also subdivision under Komandorskiye Islands; Oka Terrace Preserve; Transcarpathia; Yamalovka region, Chita Province)

Little bustard in the U.S.S.R. and measures for its protection in winter. P. V. Ivanov, S. G. Priklonskii. Ornitologiya no. 7: 130-133 '65.

BIRDS OF PREY see subdivision under Kyzyl Kum;

Moldavia; Tien Shan; Volga Delta

BIRDSONG

Singing of chaffinch females. V. I. Antkin, G. A. Parakhin. Ornitologiya no. 7: 456 '65.

BIRDSONG—RECORDING AND REPRODUCING

Methods of recording bird voices under field conditions. B. N. Vepritsov, V. I. Markov. Ornitologiya no. 7: 353-364 '65.

BIRTH, MULTIPLE

Moltobolism in owls in the various categories of multiparous pregnancy. A. -Sh. M. Amarbaev. Trudy Inst. eksp. biol. AN Kazakh. SSR 11: 194-203 '65.

BIRTH INJURIES

Immediate and remote effects of the use of the vacuum extractor. L. A. Knipanskii. Akush. i gyn. no. 1: 60-92 '65.

Traumatic effect of vacuum extraction; experimental study. IU, I. Fil'tser, Akush. i gyn. no. 1: 77-81 '65.

BISMUTH ISOTOPES—DECAY

Isomeric effects during the β -decay of RaE in the α -, m-, p-tolyl derivatives of bismuth. V. D. Nefedov and others. Radiokhimia 7 no. 5: 627-628 '65.

Synthesis of p-xylyl derivatives of polonium as products of the β -decay of RaE in the analogous derivatives of bismuth. V. D. Nefedov, M. Vobetsky, I. Borak. Radiokhimia 7 no. 5: 628-629 '65.

BITING MIDGES

Biting midges of the genus *Culicoides* (Diptera, Holcoidae) from bird nests. V. M. Glukhova, A. S. Gembilekii. Dokl. AN SSSR 0 no. 1: 65-68 Ja '65.

BITS (DRILLING AND BORING)

(see also subdivision under Apsheron Peninsula)

Blowhole boring by combined percussion-roller bits in strip mining. E. D. Karpukhin, IU M. Motov Nauch. soob. IGD 24: 13-21 '65.

Effect of tolerances on the efficiency of bits. A. I. Fed'ko and others. Azerb. noft khaz. 44 no. 8: 21-48 Ag '65.

Some problems in the design of bit supports. A. A. Khalilov, I. N. Kazimov. Za tekhn. prog. 5 no. 8: 29-31 Ag '65.

BITUMEN

Bitumen unit for applying hydraulic insulation. M. P. Prityl'skii. Stroil. dor. mash. 10 no. 9: 20-21 S '65.

Inclusions of bitumens in the calcine crystals. V. V. Mogarova. Lit. i pol. iskop. no. 3: 123-125 My-Je '65.

Tank for heating bitumen. S. I. Ben'iaminov. Mekh. stroil. 22 no. 8: 17 Ag '65.

BITUMINOUS MATERIALS

Mechanizing the conveying of molten bitumen during the laying of soft roofs. A. Shaposhnikov, B. I. Aushanov. Stroil. i arkhit. Uzb. 6 no. 1: 13 Ja '65.

Unit for preparing road emulsions. B. E. Bellaev and others. Stroil. dor. mash. 10 no. 9: 11-13 S '65.

BIUL'-BIUL', MAMEDOV, 1897-1961

Mamedova, A. B. Biul'-Biul'. Baku, Azerbaidzhan-skoe gos. izd-vo, 1964. 121 p.

BYSK (ALTAI TERRITORY)—BAKERIES—TECHNOLOGICAL INNOVATIONS

Activity of efficiency promoters in bakeries. M. A. Babushkin. Khleb. i kond. prom. 9 no. 5: 31-32 Je '65.

BLACK DUCK see subdivision under Balkal Lake region**BLACK GROUSE**

(see also subdivision under Caucasus)

Biological significance of black grouse mating in the light of the sexual selection theory. A. M. Chel'tsov-Debutov. Ornitologiya no. 7: 380-397 '65.

BLACK SCAB see Potato wart**BLACK SEA—COPEPODA—FOOD**

Diurnal grazing of phytoplankton in the Black Sea by the copepod *Calanus helgolandicus* (Claus). T. S. Petipa. Zool. zhur. 44 no. 6: 844-854 '65.

BLACK SEA—FISHERIES

Achievements of the fishermen of the Azov-Black Sea region. I. Denisenko. Ryb. khoz. 41 no. 9: 1-2 '65.

Work of the crew of the medium-size Black Sea seiner "Chernomorski." Davydenko. Ryb. khoz. 41 no. 6: 50 '65.

BLACK SEA—GAMMARIDAE—FOOD

Feeding habits of *Gammarus carinatus* (Rathke) in the Black Sea. I. I. Groze. Zool. zhur. 44 no. 6: 855-862 '65.

BLACK SEA—PHYTOPLANKTON

Diurnal grazing of phytoplankton in the Black Sea by the copepod *Calanus helgolandicus* (Claus). T. S. Petipa. Zool. zhur. 44 no. 6: 844-854 '65.

BLACK SEA—RADIOTRIUM

Concentration of mesothorium-1 in the waters of the Black Sea. K. F. Lazarev and others. Dokl. AN SSSR 164 no. 4: 910-912 O '65.

BLACK SEA—URANIUM ISOTOPES

Isotopic composition of uranium in the waters and sediments of the Black and Azov Seas. D. S. Nikolsky and others. Dokl. AN SSSR 165 no. 1: 187-189 N '65.

BLACK SEA—WINDS—MAPS

Maps of prevailing winds over the Black Sea. V. M. Zemliakov. Trudy UkrNIGMI no. 52: 88-94 '65.

BLACK SEA ECONOMIC REGION—AUDITING AND INSPECTION

Results of the reorganization of intradepartmental control. A. Cherneta. Bukh. uch. 22 no. 9: 45-48 S '65.

BLACK SEA ECONOMIC REGION—TECHNOLOGICAL INNOVATIONS

Increase in the control over efficiency-promotion suggestions. S. Bokyr. Fin. SSSR 39 no. 10: 52-53 O '65.

BLACK SEA ECONOMIC REGION—WAGES—MACHINERY

From practice in planning work indices in an enterprise. V. Emels. Sots. trud. 10 no. 10: 50-52 '65.

BLACK SEA PRESERVE—BIRDS—EGGS AND NESTS

Mixed egg laying of red-breasted merganser, sheldrake, and gadwall in the Black Sea Preserve. T. B. Ardama-tskia. Ornitologiya no. 7: 456-457 '65.

BLACK SEA REGION—FISHING BOATS

Demonstration ships of the fishing industry in the Azov-Black Sea basin. N. Zin'ko, V. Boichenko. Ryb. khoz. 41 no. 8: 82-83 '65.

BLACK SEA REGION—HISTORICAL GEOGRAPHY

Notes on ancient geography and topography of Sametia and Taurida. A. N. Shcheglov. Vest. drev. ist. no. 2: 107-113 '65.

BLADDER—CANCER

Cancer of the urinary bladder based on materials of the urological department of the Ryzan Province Clinical Hospital. L. S. Bellaeva. Nauch. trudy Riaz. med. inst. 11: 256-260 '60.

Surgical treatment of bladder cancer. A. I. A. Pytel'. Urologiya 29 no. 3: 33-48 My-Je '64.

BLADDER—INNERVATION

Afferent effects from the urinary bladder on the hypothalamus. N. A. Adamovich. Biul. eksp. biol. i med. 60 no. 3: 15-18 S '65.

BLADDER—SURGERY

Surgical treatment of bladder cancer. A. I. A. Pytel'. Urologiya 29 no. 3: 33-48 My-Je '64.

BLADDER—TRANSPLANTATION

Transplantation of a frozen urinary bladder to stimulate the process of bone formation. N. I. Kuznetsova. Ortop. i travm. i prot. 26 no. 5: 27-32 My '65.

BLAGONRAVOV, GEORGI IVANOVICH, 1895-1937

G. I. Blagonravov. I. Viktorov. Voenn.-ist. zhur. 7 no. 3: 127-128 Mr '65.

BLAST FURNACES—DESIGN AND CONSTRUCTION

Durability of the bells and hoppers on the new charging equipment. V. P. Tatarsov, I. V. Raspopov. Metallurg 10 no. 10: 8-11 O '65.

BLAST FURNACES—EQUIPMENT AND SUPPLIES

Lengthening the service life of blast furnace air tuyeres. N. A. Evdokimov, A. I. Soldatkin, V. I. Vazhinskii. Met. i gornorud. prom. no. 4: 10-11 Ji-Je '65.

Radiometric control of the charge level in a blast furnace. Met. i gornorud. prom. no. 4: 70-71 Ji-Je '65.

BLAST FURNACES—MAINTENANCE AND REPAIR

Service of the lining and cooling equipment of a blast furnace in the smelting of iron-manganese. A. P. Likharev and others. Metallurg 10 no. 10: 12-14 O '65.

BLASTING

Blasting under difficult conditions. A. P. Kudulis. Avt. doi. 28 no. 9: 28 S '65.

Charges with air spaces and high-dispersion granulated explosives as means of controlling the blast effect. L. N. Marchenko, G. P. Demiduk. Nauch. soob. IGD 24: 22-31 '65.

Chernigovskii, A. A. [Computation of slab charges for the opening up of minerals] Raschet ploskikh zariadov dlia vskrytiia poleznykh iskopaemykh. Pod red. G. I. Pokrovskogo. Moskva, Nedra, 1965. 85 p.

Efficiency of the organization of boring and blasting operations in the Krivoy Rog Basin open-cut mines. G. E. Karpinskii. Nauch. soob. IGD 24: 40-45 '65.

Improving the boring equipment, and experience in coal mining by blasting long boreholes with water stemming. B. E. Akaciov and others. Ugol' Ukr. 9 no. 10: 10-19 O '65.

A new arrangement of explosive charges in a crosscut. M. G. Geokhachian. Gor. zhur. no. 8: 30-31 Ag '65.

Pay more attention to the execution of large-scale blasting in underground workings. S. A. Izrael'ski, A. G. Fridman. Bezop. truda v prom. 9 no. 9: 15-16 S '65.

Safety measures for carrying out large-scale blasting operations. IU. S. Medvedev, G. P. Bersenev. Bezop. truda v prom. 9 no. 9: 17-18 S '65.

Vibrations of the reinforced concrete tower head frame under the seismic effect of open pit blasting. IU. V. Neliubov, E. I. Barhin, S. I. Svetlichnyi. Shakht. stroil. 9 no. 7: 20-22 Ji '65.

BLASTING—SAFETY MEASURES

Boring and blasting operations in hot slabs. A. T. Volov. Bezop. truda v prom. 9 no. 8: 18-20 Ag '65.

Explosives in making petroleum wells. IU. N. Ovsinnikov. Bezop. truda v prom. 9 no. 8: 20 Ag '65.

Results of testing flameless blasting at the "Kapital'nain-2" mine. N. I. Aleksandrov, R. M. Khanaev, S. P. Nikulin. Bezop. truda v prom. 9 no. 8: 28-30 Ag '65.

BLIND

For those who lost their sight. Sots. obshch. 26 no. 11: 42 N '65.

BLUKHER, VASILII KONSTANTINOVICH, 1889-1938

Kondrat'ev, N. D. [Marshall Blukher] Marshal Blukher. Moskva, Voenizdat, 1965. 292 p. (Sovetskie poikovodtsy i voenachal'niki)

BLOOD

Effect of the blood of *Vipera lebetina* L. on ticks of the genus *Ornithodoros*. D. T. Zhogolev. Zool. zhur. 44 no. 8: 1422-1423 '65.

BLOOD—AGGLUTINATION

Reaction in microclotted and quantitative microbiological characteristics of erythrocytes. Report No. 154-60. *Abstracts of papers presented at the 1st All-Union Symposium on Microbiology and Immunology*. T.A. Zhurav. *Izv. Leningradskogo universiteta* 24:105-123 '65.

BLOOD—ANALYSIS AND CHEMISTRY

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Activity of lactate dehydrogenase and content of lactic acid in the blood in cardiac insufficiency. V.M. Tatarova. *Kardiologiya* no. 3:82-83 '65.

Correlation between tissue oxygen metabolism, hemodynamics and regional blood circulation. M.I. Burevich, S.A. Berahteln, M.M. Povlyaykov. *Fiziol. zhur.* [Ukr.] 11 no. 1:555-563 JI-Ag '65.

Effect of the transfusion of some blood substitutes and blood on the coronary blood circulation under normal conditions and in experimental coronary insufficiency. V.B. Kofayeva. *Gemat. i perel. krovi* 1:148-152 '65.

Rheovasography as a method of control in the treatment with diadynamic currents of the pain syndrome following surgery for hernia of lumbar disks. I.V. Lipanova. *Trudy I-go MMI* 38:281-283 '65.

Study of specific anaphylactogenic and hemodynamic properties of heteroproteins subjected to denaturation. G.M. Malakhova, V.V. Surdalen, N.S. Rozanova. *Probl. gemat. i perel. krovi* no. 3:30-33 '65.

Theoretical substantiation of the systolic discharge using the radiolabeling method. U.S. Rabinovich, Y.F. Kapitsky. *Med. rad.* 10 no. 6:62-67 S '65.

BLOOD—CIRCULATION, ARTIFICIAL

Basic results of S.S. Zhukhonenko's artificial blood circulation and its recent variations in experimental reanimation of a dead organism. M.P. Adamevko. *Fiziol. zhur.* [Ukr.] 11 no. 1:470-475 JI-Ag '65.

First experience in the use of a Soviet-made fibrinogen in surgery with artificial circulation. A.G. Karayannov, M.A. Umanskii, M.G. Kremen', Klin. khir. no. 2:18-22 '65.

BLOOD—CIRCULATION, DISORDERS OF

Blood supply of the spinal cord and the syndromes of its disorders: a brief review. V.S. Rolenberg. *Zhur. nevr. i psikh.* 65 no. 10:1581-1583 '65.

Clinical aspects of blood circulation disorders in the abdominal aorta. K.F. Kanareikin, I.S. Kuzhenko. *Zhur. nevr. i psikh.* 65 no. 10:1498-1501 '65.

Diagnosis of occlusive lesions of the branches of the aortic arch. U.E. Beresov and others. *Sov. med.* 28 no. 3:15-21 Mr '65.

Effect of adenosine triphosphate on the course of biochemical processes in the muscles in circulatory disorders. D.L. Ferdman and others. *Klin. khir.* no. 2: 20-33 '65.

Hemodynamic changes in aortic coarctation. G.A. Glezer. *Kardiologiya* no. 3:70-72 '65.

Hemodynamic disorders in stenosis of the carotid artery. V.I. Lerman. *Zhur. nevr. i psikh.* 65 no. 10:1408-1402 '65.

Neurohumoral factors in the blood of patients with chronic circulatory insufficiency. U.I. Detskiy. *Kardiologiya* no. 3:58-61 '65.

Osteoneurologic symptoms in cervical osteochondrosis. R.R. Galle. *Trudy I-go MMI* 38:203-210 '65.

Role of blood circulation insufficiency in the transition of epidemic hepatitis in children into a chronic form. S.D. Khuzuria. *Sbor. nauch. trid. TashGMI* 27:107-202 '62.

Symptoms of protection and damage in the clinical aspects of vascular psychoses. G.I. Plesso. *Trudy Vor. med. inst.* 51:7-12 '63.

Vascular asymmetries in transient disorders of the cerebral blood circulation. S.S. Imanova. *Zhur. nevr. i psikh.* 65 no. 10:1447-1453 '65.

Vertebral-basilar insufficiency in cervical osteochondrosis. M.A. Iavchunovskaya, R.A. Kuzyr. *Trudy I-go MMI* 38:189-183 '65.

Vertebral-basilar insufficiency in cervical osteochondrosis. M.A. Iavchunovskaya, R.A. Kuzyr. *Trudy I-go MMI* 38:189-183 '65.

BLOOD—COAGULATION

Blood coagulation in the human fetus. S.A. Brilliantova. *Akush. i gin.* no. 2:40-43 '65.

Blood coagulation in thrombophlebitis. N.A. Novosad. *Gemat. i perel. krovi* 1:235-237 '65.

Blood coagulation system in gastric cancer. I.I. Kapchenko, P.V. Lys. *Klin. khir.* no. 2:23-29 '65.

Changes in some indices of blood coagulation in postpartum thrombophlebitis. L.P. Zubnaya. *Akush. i gin.* no. 1:55-60 '65.

Effect of erythrocytes on blood coagulability. B.I. Kuznetz. *Probl. gemat. i perel. krovi* no. 5:10-16 '65.

Effect of the preservation of blood and plasma on the blood coagulation system. S.M. Martynov, A.P. Kuchuk. *Gemat. i perel. krovi* 1:112-116 '65.

Function state of the blood coagulation system in hemorrhages caused by uterine fibromyoma. N.A. Vasiliuk. *Akush. i gin.* no. 2:81-85 '65.

Functional state of the anticoagulative blood system in cerebral necrosis. N.K. Kazleva, A.S. Gaganov. *Izv. AN Azerb. SSR. Ser. biol. nauk* no. 3:126-130 '65.

Role of thrombogenesis in the process of cessation of hemorrhage in labor. L.S. Pershinov, K.V. Parat-Koshits. *Sov. med.* 28 no. 3:60-66 M '65.

Some changes in the functional state of the blood coagulation system in experimental isosensitization. D.N. Matanskii. *Probl. gemat. i perel. krovi* no. 3:16-18 '65.

State of the blood coagulation system in uterine myoma and dysfunctional uterine hemorrhages. G.E. Gofman, E.M. Usim. *Akush. i gin.* no. 2:78-81 '65.

BLOOD—COLLECTION AND PRESERVATION

(See also subdivision under: Urticaria)

Detection of bacterial pollution of preserved blood and its components. Z.M. Boltanov, R.I. Zayats. *Gemat. i perel. krovi* 1:225-228 '65.

Deterioration of the hemolytic rate of preserved blood. R.S. Polshchuk. *Gemat. i perel. krovi* 3:110-111 '65.

Effect of the preservation of blood and plasma on the blood coagulation system. S.M. Martynov, A.P. Kuchuk. *Gemat. i perel. krovi* 1:119-118 '65.

Isotomolydin and isohomologized content of the blood plasma in donors. S.A. Filina, N.N. Tugeneva. *Probl. gemat. i perel. krovi* no. 3:10-12 '65.

Method of separating plasma for blood preservation in plastic bags. R.B. Ginduk. *Probl. gemat. i perel. krovi* no. 3:47-48 '65.

Public health and the problem of blood donation. A.I. Kiselev, A.A. Fedin. *Probl. gemat. i perel. krovi* no. 3:49-50 '65.

Some data on the study of preserved (cervical) blood in irradiated dogs. G.I. Smolov. *Gemat. i perel. krovi* 1:119-121 '65.

Study of the microstructure of dry blood preparations. M.V. Podolskiy, G.M. Vlodavskaya. *Probl. gemat. i perel. krovi* no. 5:53-54 '65.

Two-stage method for obtaining donor blood with high hematologic properties. *Probl. gemat. i perel. krovi* no. 5:45-51 '65.

BLOOD—DISFASIS

(See also subdivision under: Kiev Province)

Effect of blood transfusion on the function of endocrine glands in people after and before a neurological disease. G.D. Shubnikov. *Gemat. i perel. krovi* 1:20-22 '65.

BLOOD—SEDIMENTATION

Erythrocyte sedimentation reaction in the chest cavity. Zh.A. Gevorgyan. *Zhur. obshch. klin. med.* 3:105-112 '62.

BLOOD—TRANSFUSION

Adaptation of a hypertonic solution of sodium chloride to animals in hypothermia complicated by hemorrhage and in hemolysis shock. P.A. Pecher. *Gemat. i perel. krovi* 1:161-164 '65.

Blood transfusion in thoracic injuries in peacetime. N.V. Khoroshko. *Voen.-med. zhur.* no. 1:61-63 '65.

Correlation of erythrocytes and plasma in the chest cavity blood during indirect cardiac massage. I.I. Belyakov. *Blud. eksp. biol. i med.* 80 no. 9:15-18 '65.

Effect of blood transfusion on the function of endocrine glands in people after and before a neurological disease. G.D. Shubnikov. *Gemat. i perel. krovi* 1:20-22 '65.

Effect of blood transfusion on cardiovascular activity in various myocardial diseases. P.M. Al'teyev, N.N. Skachkova. *Probl. gemat. i perel. krovi* no. 3:37-42 '65.

Effect of intra-arterial transfusion of a human serum on the reactivity of cellular elements of immune response and blood in the focus of myelitis inflammation. P.N. Derbenev. *Gemat. i perel. krovi* 1:158-160 '65.

Effect of intra-arterial transfusion on the properties of the plasma and bacteriostatic activity of the blood. I.V. Avtonomov. *Gemat. i perel. krovi* 1:11 35 '65.

Effect of plasma transfusion from human convalescents on the toxic properties of acute experimental toxic disease. G.I. Shukhovich, V.A. Grib. *Gemat. i perel. krovi* 1:39-42 '65.

Effect of the transfusion of some blood substitutes and blood on the coronary blood circulation under normal conditions and in experimental coronary insufficiency. V.B. Kofayeva. *Gemat. i perel. krovi* 1:148-152 '65.

Effect of the transfusion of some blood substitutes and blood on the rate of the coronary blood flow, myocardial oxygen consumption and heart action. U.S. Rabinovich. *Fiziol. zhur.* 61 no. 7:104-105 '65.

Isotomolydin and isohomologized content of the blood plasma in donors. S.A. Filina, N.N. Tugeneva. *Probl. gemat. i perel. krovi* no. 3:10-12 '65.

Method of separating plasma for blood preservation in plastic bags. R.B. Ginduk. *Probl. gemat. i perel. krovi* no. 3:47-48 '65.

Public health and the problem of blood donation. A.I. Kiselev, A.A. Fedin. *Probl. gemat. i perel. krovi* no. 3:49-50 '65.

Some data on the study of preserved (cervical) blood in irradiated dogs. G.I. Smolov. *Gemat. i perel. krovi* 1:119-121 '65.

Study of the microstructure of dry blood preparations. M.V. Podolskiy, G.M. Vlodavskaya. *Probl. gemat. i perel. krovi* no. 5:53-54 '65.

Two-stage method for obtaining donor blood with high hematologic properties. *Probl. gemat. i perel. krovi* no. 5:45-51 '65.

Vertebral-basilar insufficiency in cervical osteochondrosis. M.A. Iavchunovskaya, R.A. Kuzyr. *Trudy I-go MMI* 38:189-183 '65.

Vertebral-basilar insufficiency in cervical osteochondrosis. M.A. Iavchunovskaya, R.A. Kuzyr. *Trudy I-go MMI* 38:189-183 '65.

Vertebral-basilar insufficiency in cervical osteochondrosis. M.A. Iavchunovskaya, R.A. Kuzyr. *Trudy I-go MMI* 38:189-183 '65.

Vertebral-basilar insufficiency in cervical osteochondrosis. M.A. Iavchunovskaya, R.A. Kuzyr. *Trudy I-go MMI* 38:189-183 '65.

Vertebral-basilar insufficiency in cervical osteochondrosis. M.A. Iavchunovskaya, R.A. Kuzyr. *Trudy I-go MMI* 38:189-183 '65.

Vertebral-basilar insufficiency in cervical osteochondrosis. M.A. Iavchunovskaya, R.A. Kuzyr. *Trudy I-go MMI* 38:189-183 '65.

Vertebral-basilar insufficiency in cervical osteochondrosis. M.A. Iavchunovskaya, R.A. Kuzyr. *Trudy I-go MMI* 38:189-183 '65.

Vertebral-basilar insufficiency in cervical osteochondrosis. M.A. Iavchunovskaya, R.A. Kuzyr. *Trudy I-go MMI* 38:189-183 '65.

Vertebral-basilar insufficiency in cervical osteochondrosis. M.A. Iavchunovskaya, R.A. Kuzyr. *Trudy I-go MMI* 38:189-183 '65.

Vertebral-basilar insufficiency in cervical osteochondrosis. M.A. Iavchunovskaya, R.A. Kuzyr. *Trudy I-go MMI* 38:189-183 '65.

Vertebral-basilar insufficiency in cervical osteochondrosis. M.A. Iavchunovskaya, R.A. Kuzyr. *Trudy I-go MMI* 38:189-183 '65.

Vertebral-basilar insufficiency in cervical osteochondrosis. M.A. Iavchunovskaya, R.A. Kuzyr. *Trudy I-go MMI* 38:189-183 '65.

BLOOD GROUPS

- Determination of isohemagglutinins in umbilical blood vessels of full-term newborn infants. G. D. Kytmanova. Akush. i g. in. no. 2:51-57 '65.
- Incidence of the CW antigen in the blood of a population group in the Soviet Union. O. S. Rudakov. Probl. gemat. i perel. krovi no. 3:19-21 '65.
- Inheritance of blood groups in man. L. T. Torgonina, V. M. Neiselman. Zhur. eksp. i klin. med. 5 no. 1:110-114 '65.

BLOOD PLASMA SUBSTITUTES

- Changes in the gaseous composition of the blood following transfusion of polyglucin, HK-8 and 10% solution of sodium lactate in experimental cardiac wounds. A. N. Daniluk. Gemat. i perel. krovi 1:53-56 '65.
- Effect of the transfusion of some blood substitutes and blood on the rate of the coronary blood flow, myocardial oxygen consumption and heart action. I. B. Kokhanova, Fiziol. zhur. 51 no. 7:811-850 '65.
- Obtaining of large quantities of universal anti-Rhesus serum by using various colloidal diluents. Report No. 2. A. A. Ashkharzi. Probl. gemat. i perel. krovi no. 3:24-30 '65.
- Preparation of dry lactate plasma. A. S. Dukarevich. Gemat. i perel. krovi 1:83-88 '65.
- Some data on an experimental evaluation of a combined dry protein-salt plasma substitute. K. A. Lobneta. Gemat. i perel. krovi 1:71-74 '65.
- Use of blood substitutes in cardiac wounds under hypothermic conditions. Z. P. Fedorova. Gemat. i perel. krovi 1:57-60 '65.
- Use of blood substitutes in the treatment of extensive superficial burns. R. I. Murzin, L. I. Gerasimova, A. A. Kinn. Probl. gemat. i perel. krovi no. 3:34-38 '65.

BLOOD PLATELETS

- Changes in the number of thrombocytes and in the thrombocyte formula in initial forms of cancer of the cervix uteri. M. I. Stukova. Akush. i g. in. no. 1:112-115 '65.
- Effectiveness of the juice of *Schizandra chinensis* in thrombocytopenia. I. I. Laptev. Voen.-med. zhur. no. 1:78-80 '65.
- Energy metabolism in human thrombocytes under normal conditions, in polythemia and chronic myelosis. V. A. Igurova, A. I. Bimova. I. B. Sere. Vop. med. khim. 11 no. 1:11-11 Ja '65.
- Myogenic thrombocytosis in animals of various ages during physiological physical stress. S. V. Berezutska. Fiziol. zhur. [Ukr.] 11 no. 1:511-513 Ji-Ag '65.
- Substrates of anabolic metabolism of carbohydrates in human blood platelets. N. B. Chernyak, R. I. Lavteva. Vop. med. khim. 11 no. 1:60-66 Ja '65.
- Thrombocytopenic syndrome in hemangiomas. S. V. Levitskaya, E. B. Kata. Probl. gemat. i perel. krovi no. 5:22-26 '65.
- Qualitative composition of the thrombocytes in peripheral blood. I. A. Il'rovskaya. Gemat. i perel. krovi 1:104-108 '65.

BLOOD PRESSURE

- Changes in renal vascular resistance under the effect of adrenal medullary hormones. N. P. Zakharchevskaya. Fiziol. zhur. 51 no. 7:814-820 '65.
- Changes in the maximum arterial pressure in healthy patients during a normal course of labor. I. A. M. Landa, I. I. Piliuk. Akush. i g. in. no. 2:24-26 '65.
- Relation between the pressure in the carotid and temporal arteries. E. F. Laneta. Vop. neirokhir. no. 5:22-24 '65.

BLOOD PROTEINS

- Blood serum proteins in various stages of burn disease. L. P. Klimenko. Gemat. i perel. krovi 1:242-244 '65.
- C-reactive protein as a criterion of the activity of pulmonary tuberculosis. M. G. Loevman. Probl. tub. no. 7:31-37 '64.
- Changes in the blood serum proteins in chronic lymphoid leukosis. A. M. Polianskaya and others. Probl. gemat. i perel. krovi no. 3:3-8 '65.
- Changes in the plasma volume and protein composition of the blood serum in late pregnancy toxemias. L. L. Kolpakova. Akush. i g. in. no. 1:130-133 '65.
- Changes in the total protein and protein fractions of the blood serum in scarlet fever. I. G. Kvitashvili. Sob. AN Gruz. SSR 39 no. 3:107-111 S '65.
- Characteristics of serum proteins in acute hepatitis. P. R. Khashimova. Vop. med. khim. 11 no. 1:17-22 Ja '65.
- Composition of blood protein fractions in patients with dydial mole and chorioepithelioma. I. P. Gomenchuk. Akush. i g. in. no. 2:84-89 '65.
- Content of DNA and protein and glycoprotein fractions in the blood in various forms of collagen diseases. L. N. Mkrichian. Zhur. eksp. i klin. med. 5 no. 1:105-109 '65.
- Content of mucoproteins in the blood of pregnant women. R. Z. Zatehik. Akush. i g. in. no. 2:30-32 '65.
- Content of sulfhydryl and disulfide groups in proteins of human blood serum in some liver and kidney diseases. S. I. A. Kaplanskii, A. V. Azlavchik. Vop. med. khim. 11 no. 2:41-46 Mr-Ap '65.

Determination of C-reactive protein in patients with minor forms of pulmonary tuberculosis. V. Z. Vaidushko. Probl. tub. no. 7:37-40 '61.

Determination of iodine bound with blood proteins. G. S. Skripnov. Lab. delo no. 10:551-559 '65.

Disorders of serum protein fractions and of some indices of liver protein function in primary tuberculous children. O. G. Vaidushko, V. V. Kizim. Probl. tub. no. 7:40-41 '61.

Dynamics of the correlations of serum protein fractions following resection of a segment or lobe of the lung in tuberculosis, clinicochemical parallels. A. G. Gultman, A. I. Petrovskii. Probl. tub. no. 7:43-47 '61.

Interrelations between the blood protein fractions and the renal blood flow in systemic sclerosis. I. S. Dimpian, N. L. Yulianin. Zhur. eksp. i klin. med. 2 no. 5:97-100 '62.

Physicochemical and immunological characteristics of the individual proteins of antidiabetic serum. K. Kh. Khadzhev. Sbor. nauch. tr. TashGMI 22:370-377 '62.

Physiological features of various breeds of sheep and their crosses based on the data of the electrophoretic study of serum proteins and hemoglobin. M. K. Koltser, M. T. Katkov, N. I. Abukunov. Trudy Inst. eksp. biol. AN Kazakh SSR 11:113-123 '65.

Protein content in the blood plasma of rainbow trout. N. V. Koroleva. Izv. GosNIORIF 58:109-110 '61.

Protein fractions of the blood serum in healthy children aged 15 days to 15 years. F. Kh. Nazarmukhamedov, Sbor. nauch. tr. TashGMI 22:300-309 '62.

17-ketosteroids and blood proteins in allergic dermatoses. A. P. Dazyta, V. G. Baidovskaya, P. P. Petrunin. Vest. d. m. i v. n. no. 1:16-22 '65.

Significance of electrophoretic study of blood protein fractions for detecting the activity of the rheumatic process in pregnant women with heart defects. O. V. Levantovskaya, V. A. Spasskaya. Akush. i g. in. no. 1:137-139 '65.

Study of specific anaphylactogenic and hemodynamic properties of heteroproteins subjected to denaturation. G. M. Malakhova, V. V. Suzdalova, N. S. Rozanova. Probl. gemat. i perel. krovi no. 3:30-33 '65.

Study of the changes in the proteolytic activity of the whole blood in mice following whole-body X-ray irradiation. L. V. Erokhina. Trudy Inst. gen. no. 32:254-256 '65.

BLOOD PROTEINS—SPECTRA

Study of infrared spectra of hemoproteins and their components. I. U. S. Manolov, V. P. Komov, S. E. Manolov. Biofizika 10 no. 5:782-787 '65.

BLOOD SUGAR

Genesis of electrocardiographic changes during a sugar test. D. L. Kulinskii, F. F. Vyssokii. Vest. VIM SSSR 20 no. 10:72-77 '65.

BLOOD VESSELS

New method for the selective isolation and microscopic examination of cerebral vessels and capillaries. A. M. Chilingarin. Zhur. eksp. i klin. med. 5 no. 1:19-24 '65.

BLOOD VESSELS—PERMEABILITY

State of vascular permeability following the introduction of various tuberculin in an experiment. R. I. Danilova, M. Z. Lubetskaya. Sbor. nauch. tr. TashGMI 22:220-233 '62.

BLOOD VESSELS—RADIOGRAPHY

Rheovasography for the evaluation of a lumbar novocaine block applied with A. V. Vinnitskii's method in endarteritis obliterans. V. M. Novikov. Klin. khir. no. 2:11-13 '65.

BLOOD VESSELS—SURGERY

Effect of anesthetics and some hemodynamic disorders during anesthesia on the neuromuscular transfer of excitation and the action of muscle relaxants. V. A. Kovalev, I. A. M. Khmelevskii. Vest. AMN SSSR no. 4:78-86 '65.

Method for the control of occlusion of the neck of an aneurysm of the cerebral vessels during operation. E. I. Zlotnik. Vop. neirokhir. no. 5:57 '64.

[Multivolume manual on surgery] Mnogotomnoye rukovodstvo po khirurgii. Moskva, Meditsina.

Vol. 6. Pt. 1. Bakulev, A. N., and B. V. Petrovskii, eds. [Surgery on the heart and major vessels] Khirurgiya serdtsa i magnitral'nykh sosudov. 1965. 571 p. (DNLM)

BLOOD VESSELS—TRANSPLANTATION

Experimental angioplasty of peripheral arteries using venous autografts. B. M. Datsenko. Klin. khir. no. 2:3-10 '65.

BLOOD VOLUME

Changes in the plasma volume and protein composition of the blood serum in late pregnancy toxemias. L. L. Kolpakova. Akush. i g. in. no. 1:130-133 '65.

Determination of the minute volume of the blood using the thermodilution method. M. M. Povzhykov, D. O. Holov. Fiziol. zhur. [Ukr.] 11 no. 4:548-550 Ji-Ag '65.

Seasonal variability of the changes in cardiac minute volume following a standard stress. V. V. Kokhanovskii. Nov. vop. klin. i kroev. pat. no. 3:52-56 '63.

BLOODLETTING

Changes in blood regeneration rates under the effect of carbacholine administration. I. I. Timoshenko. Gemat. i perel. krovi 1:219-215 '65.

BLOWERS

Mechanical characteristics of discs and covers of steam turbines and blowers. P. V. Skliuev. Energomaashinostroenie 11 no. 9:12-11 S '65.

Operation of pumps and air blowers under low supply conditions. V. I. Polikovskii, A. A. Levin. Teploenergetika 12 no. 10:71-71 O '65.

BLUE BABY see Tetralogy of Fallot

BLUPRINTING

Improved model of the SFA bluprinting machine. L. S. Fetisov. Vych. i org. tekhn. v. str. i proek. no. 1:81-85 '61.

Recommendations for remodeling the "Stankin" (SKA-1) and the "Vishkom" (SKM-1) bluprinting machines. L. S. Fetisov. Vych. i org. tekhn. v. str. i proek. no. 1:78-80 '61.

BLUPRINTS

Device for cutting bluprints. V. M. Shamsaev. Vych. i org. tekhn. v. str. i proek. no. 3:91-95 '61.

BOARDING SCHOOLS

(see also subdivision under Chuvashla)

Dormitories at schools. Nal. obi. no. 10 O '65.

BOCHAYKOVO (VHENSKE PROVINCE)—TEACHERS

Village teacher. K. Khutski. Agitator 33 no. 10:13 My '65.

BODY TEMPERATURE

Chemical thermoregulation in small insectivores (Insectivora, Mammalia). N. V. Bashonina. Nauch. dokl. vys. shkoly, biol. nauki no. 4:43-47 '65.

Effect of insulation on the skin temperature topography and electric resistance of the skin in children of school age. S. Kh. Shamsaurov. Sbor. nauch. tr. TashGMI 22:177-180 '62.

BODY TEMPERATURE—REGULATION

Ontogeny of pyrogen activity in connection with age-related formation of the heat-regulation function. E. A. Shevel'ko. Fiziol. zhur. 51 no. 7:877-883 '65.

BÖHLER, LORENTZ, 1895-

Meeting with Lorenz Böhrer, on his 80th birthday. M. V. Volkov. Ortop. i travm. i prot. 26 no. 5:86-89 My '65.

BOGDANOVA, TAMARA

Three friends. Knizh. tovg. 16 no. 4:26-26 Ap '65.

BOGS see Swamps

BOILERS

Adjustment and study of the operation of the burners of the PK-39 boiler. A. G. Ivinov. Energomaashinostroenie 11 no. 9:14-17 S '65.

Burning of sulfur-bearing mazut with small air excess. M. E. Khazuzin, I. P. Dniskin. Elek. sta. 36 no. 10:20-24 O '65.

Calculation of deflection of blast streams. L. G. Kovarski. Energomaashinostroenie 11 no. 9:14-16 S '65.

Choice of alternatives in redesigning draft and blast machines. V. I. U. Rubinov. Elek. sta. 36 no. 11:28-30 N '65.

Choice of gas and air speeds and possibilities for standardizing the dimensions of gas pipes. S. I. Mochan, O. G. Revzina. Teploenergetika 12 no. 10:32-37 O '65.

Choice of the rate of flow of steam in designing the superheaters of boiler units. S. M. Shvartsman. Energomaashinostroenie 11 no. 8:11-14 Ag '65.

Diagram for controlling derived stresses in the drum during the firing of a boiler. G. A. Dzhigit. Lev. vya. ucheb. zav. i energ. 8 no. 9:54-60 S '65.

Ion-exchange filters with compound operation in power blocks with 300 Mw. ratings. V. F. Botenko and others. Elek. sta. 36 no. 10:8-15 O '65.

Methods for calculating the efficiency of heat regeneration in steam and gas systems. B. V. Sar'nov, A. A. Mitkov. Elek. sta. 36 no. 11:30-40 N '65.

Power expenditure on aerodynamic resistances of boiler components. I. K. Lebedev. Izv. vya. ucheb. zav. i energ. 8 no. 9:101-105 S '65.

Selective control system in a 200 Mw. block. L. S. Bravin, A. G. Chachko. Elek. sta. 36 no. 10:15-19 O '65.

Study of circulation reliability of 42x5 mm. water walls of the TGM-64 boiler. R. I. Pomirchik, V. N. Solov'ev. Energomaashinostroenie 11 no. 9:12-14 S '65.

- BOILERS (Continued)**
- On the hydrodynamics of flow in Π -shaped pipes at critical and subcritical pressures. L. V. Kozlov, B. V. Glushko. *Energomashinostroyeniye* no. 10-12-5 '65.
- Thermostatic control system of a boiler-turbine block. G. G. Chuchko. *Teplotekhnika* 12 no. 11 50-57 N '65.
- Operating conditions of units with once-through type heaters. I. V. Zelenchikov. *Teplotekhnika* 12 no. 10-12-0 '65.
- BOILERS—ABSTRACTS**
[Boiler manufacture] Ref zhur. Kholosir no. 11 N '65.
- BOILERS—CLEANING**
Magnetic cleaning of water in steam boilers. V. Grushko, Stronikhar. *Uzb.* 6 no. 10 6 O '65.
Freshest cleaning of water and steam conduits of a 300 MW boiler. A. M. Arkhipov, V. I. Zhdanov, B. S. Rogatskaya. *Elek. sta.* 36 no. 11 14-20 N '65.
- BOILERS—CORROSION**
Corrosive effect of gases used in the waste heat boilers of the sulfuric acid industry. E. I. Dorman, P. I. Sachedrin. *Prom. energ.* 20 no. 10 20-25 O '65.
Use of inhibitors in electric power stations. P. A. Akhmedov, N. V. Mikhailov. *Teplotekhnika* 12 no. 10 13-18 O '65.
- BOILERS—DESIGN AND CONSTRUCTION**
More on the shortcomings of standard designs of small boiler systems. A. S. Rodionov. *Prom. energ.* 20 no. 10 59 O '65.
Standard strength calculation for the elements of steam boilers. L. B. Sigalov. *Dizop. truda v prom.* 9 no. 8 46-48 Ag '65.
- BOILERS—FIRING**
Utilization of the firing heat of the boilers of thermal electric power plants. V. B. Popov. *Energetik* 13 no. 10 9-10 O '65.
- BOILERS—HANDBOOKS, MANUALS, ETC**
Khrut, P. S., and G. R. Liberman. (Manual for boiler machinists (firemen)) *Pamiatka mashinista (Kochegarai parogo kotla, Moskva, Energiia, 1966 119 p.*
- BOILERS—INCORUSTATIONS**
Effect of surface roughness on the formation of salt deposits. I. V. Blinchevskii. *Teplotekhnika* 12 no. 10 31-32 O '65.
Evaporation in the use of hydrazine. V. I. Vainshtein. *Elek. sta.* 36 no. 11 69-90 N '65.
- BOILERS—MAINTENANCE AND REPAIR**
Effectiveness of increasing the operating period between general overhauls of boiler and turbine equipment of electric power plants. S. E. Feigin. *Elek. sta.* 36 no. 10 27-30 O '65.
- BOILERS—SAFETY APPLIANCES**
Automatic devices for maintaining the water level in boilers. L. A. Kuznetsov. *Bezop. truda v prom.* 9 no. 9 43-46 S '65.
- BOILERS—SAFETY PLUGS**
Expediency of using low melting plugs in DKV boilers. I. M. Llando. *Prom. energ.* 20 no. 10 58 O '65.
- BOILERS—WELDING**
Design strength of joints welded by high-frequency currents. A. V. Ratner and others. *Teplotekhnika* 12 no. 11 67-70 N '65.
Present state and prospects for the development of butt joint welding of pipe heating surfaces. A. S. Gel'man, and others. *Teplotekhnika* 12 no. 11 63-66 N '65.
- BOLNEI DISTRICT—ALBITE**
Study of cinnamonic forest soils of Georgia, formed on quartz albtophyre. E. K. Nakaidze. *Soob. AN Gruz. SSR* 39 no. 1 159-166 JI '65.
- BOLNEI DISTRICT—FOREST SOILS**
Study of cinnamonic forest soils of Georgia, formed on quartz albtophyre. E. K. Nakaidze. *Soob. AN Gruz. SSR* 39 no. 1 159-166 JI '65.
- BOLSHEVISM** see Communism
- BOLTS AND NUTS**
Introducing an automatic line for manufacturing the M12 hexagon headed bolts. G. S. Tikhonov. *Bul. tekhn. inform. infor. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 18 no. 2 39 S '65.
- BOMBARDMENT WITH PARTICLES** see Collisions (Nuclear physics)
- BONDS, CHEMICAL** see Chemical bonds
- BONE GRAFTING**
Bone grafting in congenital harelip and cleft palate. G. I. Semenchenko. *Probl. chel.-lits. khir.* no. 1-102-107 '65.
Fixation of fragments of the mandible in bone-grafting operations. M. P. Barchukov. *Probl. chel.-lits. khir.* no. 1 44-46 '65.
- Intracutaneous test using trypan blue in homoplasty of lyophilized bone in defects of the mandible. N. S. Gubeva. *Probl. chel.-lits. khir.* no. 1 51-60 '65.
Two-stage plastic surgery on the mandible using biologically treated bone tissue. L. A. Aleksandrova. *Probl. chel.-lits. khir.* no. 1 37-43 '65.
- BONES**
Changes in the structure of the bony tissue in lambs as related to the season of birth. M. Toishbekov. *Trudy Inst. ekap. biol. AN Kazakh. SSR* 11 201-218 '65.
- BONES—ABNORMALITIES AND DEFORMITIES**
Intautic osteogenesis imperfecta in newborn infants. A. I. Kotelnikova. *Skush. i gin.* no. 1 140-119 '65.
- BONES—CANCER**
Transplantation of an osteogenic rabbit sarcoma into different tissues and organs. A. P. Kondrat'eva, R. A. Mel'nikov. *Vop. onk.* 11 no. 10 63-69 '65.
Treatment of patients with osteogenic sarcomas. N. N. Trapeznikov, M. S. Tsechkovskii, B. P. Tarasov. *Ortop. travm. i protez.* 26 no. 5 32-37 My '65.
- BONES—DISEASES**
Disability Evaluation Committee and the prevention of disability in the diseases of osteoarthritic apparatus. N. Kosinskaja. *Sots. obshch.* 26 no. 10 28-31 O '65.
Moscow, Tsentral'nyi institut (travmatologii i ortopedii. (Problems of the pathology of the bone system) Voprosy patologii kostnoi sistemy. Moskva, 1957 284 p. (ICPL)
- BONES—RADIOGRAPHY**
X-ray examination characteristics of age-related and breed features of the development of the bony tissue in the Kazakh fine-wool stud lambs and its crosses. V. I. Ogorodnikov. *Trudy Inst. ekap. biol. AN Kazakh. SSR* 11 124-134 '65.
X-ray examination characteristics of the bony tissue of the Argali Merino line rams and their crosses. V. I. Ogorodnikov. *Trudy Inst. ekap. biol. AN Kazakh. SSR* 11 175-181 '65.
- BONES—TUBERCULOSIS**
Pyrogens in the pathogenesis and treatment of experimental osteoarticular tuberculosis. F. Kh. Kuchelavskiy. *Probl. tub.* no. 7 79-86 '61.
- BONES—TUMORS**
Results of diagnosis and radiotherapy of osteoblasto-elastomas (giant cell tumors). V. I. Skotnikov. *Nauch. trudy Riaz. med. inst.* 11 272-286 '60.
Simpozium po voprosam patologicheskoi anatomi, kliniki, lecheniya i iskhodov osteoblastoklastom. Moscow, 1960 (Osteoblastoclastoma, giant-cell bone tumor, Transactions of the Symposium. May 30-31, 1960) Osteoblastoklastoma, gigantokletochnaya opukhol' kosti. Trudy Simpoziuma... 30-31 maya 1960 g. Pod obshchei red. M. V. Volkova. Moskva, Tsentr. in-l. travmatologii i ortopedii, 1962. 246 p. (ICRL)
- BONUS SYSTEM**
(see also subdivision under Armenia; Europe, Eastern)
Awarding bonuses for the quality of production and industrial management. I. Vaganov. *Sots. trud* 10 no. 10 39-46 '65.
Awarding bonuses to workers and the scale of wages. *Sots. i zhizn' Uzb.* 6 no. 1 39 Ja '65.
Important experiment. I. Akimova. *Dkon. sirol.* no. 10 18-20 O '65.
In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. *Sots. trud* 10 no. 10 144-147 '65.
Incentive payments for the improvement of production quality in industry. S. Sergeev. *Sots. trud* 10 no. 10 25-35 '65.
There is a need for group forms of material incentives. H. Ruberna. *Ekon. Rad. Ukr.* 8 no. 5 62-66 My '65.
Verification of the new principles of issuing bonuses. M. Beliaev, E. Kostrikova. *Sots. trud* 10 no. 10 46-48 '65.
- BOOK INDUSTRIES**
A remarkable step has been made. M. Arhuzov. *Kulzh. tovg.* 16 no. 4 18-19 Ap '65.
When the book trade lags behind life. I. V. Subbotin. *Kulzh. tovg.* 16 no. 4 19-20 Ap '65.
- BOOK INDUSTRIES—EXHIBITIONS**
(see also subdivision under Leningrad Province)
"Art of the Book" 1965 international exhibition in Leipzig. A. Ernst. *Polygrafia* no. 7 5 JI '65.
Survey of the best achievements in the book arts. S. B. Telingater. *Polygrafia* no. 7-8 JI '65.
Survey of the books of five republics. R. G. Aleev. *Polygrafia* no. 7 36-38 JI '65.
- BOOKBINDING**
Mechanization of stitching and bookbinding operations. P. V. Karpov. *Polygrafia* no. 8 32-33 Ag '64.
- Plastic bindings. G. S. Sakhov, N. P. Metekhan. *Polygrafia* no. 4 31-32 Ap '65.
- BOOKKEEPING**
Improve the accounting of sales. I. Gendel'. *Kulzh. tovg.* 16 no. 4 17-18 Ap '65.
- BOOKS**
(see also subdivision under White Russia)
Best books of 1961 for national format and printing. *Polygrafia* no. 9 15 Ag '65.
Results of the All-Union Book Inspection. K. M. Huzar. *Polygrafia* no. 9 16-30 Ag '65.
Scientific, technological, and industrial publications to the All-Union content. E. I. Denkov. *Polygrafia* no. 9 40-43 Ag '65.
- BOOKSELLERS AND BOOKSHIPPING**
(see also subdivision under Azerbaijan; Gorky, Kaluga Province; Krasnodar Territory; Kiev, Minsk Province; Novosibirsk, Krasnoyarsk Territory; Orenburg; Riga, Rostov Province; Ryazan Province; Ukraine; Ulyanovsk Province; Uzbekistan; Volgograd, Zhukovskiy, Moscow Province)
Bookselling film. A. Govorov. *Kulzh. tovg.* 16 no. 4 10-11 Ap '65.
Grakhovodov, N. N. [Problems in the organization of the book trade] *Voprosy organizatsii knizhnogo tovgov. Alma-Ata, Izd-vo "Kazakhstan," 1965. 117 p.*
Legal advice. *Kulzh. tovg.* 16 no. 4 40 Ap '65.
Lenin and books. *Kulzh. tovg.* 16 no. 4 1-2 Ap '65.
News in the book trade. *Kulzh. tovg.* 16 no. 4 11 Ap '65.
On steel highways. Kh. Muratov. *Kulzh. tovg.* 16 no. 4 22-23 Ap '65.
- BOOKSTORES—EQUIPMENT AND SUPPLIES**
Table which can be assembled and disassembled. *Kulzh. tovg.* 16 no. 4 46-47 Ap '65.
- BOOTS AND SHOES**
(see also subdivision under Azerbaijan)
Footwear for children. V. R. Komarova. *Kulzh. sta.* prom. 7 no. 3 17 Mr '65.
- BOOTS AND SHOES—PRICES**
Establishing the grade of merchandise according to the coloring of the footwear. V. L. Haytinskii. *Kulzh. obuv. prom.* 7 no. 4 29-30 Mr '65.
- BOOTS AND SHOES—STANDARDS**
New state standard for the limits for shoe manufacture. I. I. Stenkov, K. I. Chentanova. *Kulzh. obuv. prom.* 7 no. 3 7-10 Mr '65.
Quality and beauty of footwear. G. Matveev. *Standartizatsia* 29 no. 5 66-69 '65.
Standardization of the dimensions of shoe heels and top lifts. V. I. Dubanov. *Kulzh. obuv. prom.* 7 no. 3 25-26 Mr '65.
- BOOTS AND SHOES, RUBBER**
Formulas and technology for the manufacture of frost-resistant boots. T. I. Tatarova and others. *Kulzh. sta. 24 no. 8 42-44 '65.*
- BOOTS AND SHOES, RUBBER—TREADING**
Some properties of rubber manufactured with the use of low pressure polyethylene. V. N. Babitskiy, A. D. Zaitonikovskii, B. I. Krasov. *Kulzh. obuv. prom.* 7 no. 3 23-25 Mr '65.
- BORAZINE—THERMAL PROPERTIES**
Thermal stability of B-trichloroborazole. I. M. Lando, L. V. Krikorova. *Zhur. neorg. khim.* 10 no. 9 2115-2119 S '65.
- BORDER PATROLS**
Heroes of the first days of the war. A. P. Kladt. *Ist. SSR* 9 no. 3 30-40 My-Ju '65.
Moskvichy, L. N. [Young friends of the border guards] Iunye drug'ia pogranichnikov. Alma-Ata, Kazakhstan, 1965. 34 p.
- BORDITELLA—CULTURES AND CULTURE MEDIA**
Use of a meat-agar culture medium in growing whooping cough bacilli. A. A. Domina, K. D. Chumt, L. I. Lardua. *Lab. delo* no. 10 801-804 '65.
- BORIC ACID**
Borotrihydroxy glutarates of elements of group II of the periodic table. E. M. Shvartn, M. D. Tomilova, A. P. Levinsh. *Zhur. neorg. khim.* 10 no. 9 2084-2088 S '65.
Certain reaction of polydimethylsiloxanefilm induced by boric acid. V. D. Lobkov, A. I. Kabanovskii, I. V. Lugov. *Vysokom. sood.* 7 no. 9 1635-1638 S '65.
System $H_2PO_3 \cdot CH_3OH \cdot H_2O$ ($OC(H_2)3 \cdot 3H_2O$), I. S. Shalimovich, N. A. Poliakova. *Zhur. neorg. khim.* 10 no. 9 2170-2174 S '65.
- BORING**
Auger borehole drilling in steeply plying seams subjected to outburst. I. P. Chebotkov. *Ugol' Ukr.* 9 no. 10 15-48 O '65.

BORING (Continued)

- Determination of the duration of blast-drilling operations during their normalization. N. S. Rodionov. Izv. vys. uchib. zvez., geol. i fiz. 6 no. 5:116-118 My '65.
- Determination of the optimum conditions of rock breaking in the rotary-percussion drilling method, the determination of the optimum angle of rotation of the drill. I. A. U. Svatov, I. Shumanov. Izv. AN Uz. SSR. Ser. Tekhn. nauk. 9 no. 1:75-78 '65.
- Efficiency of the organization of boring and blasting operations in the Kirov Rog Basin open-cut mines. G. E. Karpinski. Nauch. soob. IGD. 24:10-15 '65.
- Making boreholes with smaller diameter at the Tekeli Mine. A. I. Bludn and others. Gor. zhur. no. 8:27-30 Ag '65.
- Selection of the technical means for the mechanization of rock collecting in a geological prospecting gallery. N. V. Tikhonov. Izv. vys. uchib. zvez., geol. i fiz. 6 no. 5:149-152 My '65.

BORING—TECHNOLOGICAL INNOVATIONS

- What does the odor of a drill tell? E. Muslin, Izob. i razr., no. 7:11-13 '65.

BORING MACHINERY

- Hand pneumatic thermodrills. I. P. Goldnev and others. Mekh. stroi., 22 no. 8:16-17 Ag '65.
- Parameters of the auger mining of coal. I. L. Mordukhovich. Nauch. soob. IGD. 21:122-120 '65.
- Safety problems in coal mining with auger boring. L. F. Zorin, N. M. Lavinenko, I. A. Koveshnikov. Berop. truda v prom., 9 no. 9:6-9 S '65.
- Using hard-alloy tools in boring frozen soils with the BKM machines. G. V. Aitunovich and others. Stroitel. i dor. mash. 10 no. 10:21-25 O '65.

BORING MACHINERY—DESIGN AND CONSTRUCTION

- Correct the drawbacks of BSN rotary boring rigs. I. U. A. Shiba. Gor. zhur. no. 8:72-73 Ag '65.
- Improving the boring equipment, and experience in coal mining by blasting long boreholes with water stemming. B. E. Aksentov and others. Ugol' Ukr. 9 no. 10:18-19 O '65.

BORISOV DISTRICT—COLLECTIVE FARMS

- People's activity as a guarantee of success. N. Topchikov. Part. zhizni. no. 21:10-12 N '65.

BORNEOL

- Nature of the "new borneol". I. I. Budyshv, L. V. Koznikova. Zhur. obshch. khim. 34 no. 9:1657-1661 S '65.

BORON FLUORIDE

- Boron fluoride as catalyst in reactions promoting the removal of sulfur from coke chemical benzenes. E. P. Babin, A. A. Kur'monov, N. L. Zetova. Zhur. prikl. khim. 38 no. 8:1251-1256 Je '65.

BORON HYDRIDES

- Solubility of diborane in diethylene glycol dimethyl ether. A. I. Gorbunov and others. Zhur. neorg. khim. 10 no. 9:1971-1975 S '65.

BORON HYDRIDES—SPECTRA

- Calculation and interpretation of the vibration spectra of diborane compounds Part 2. V. N. Kapahali, L. M. Sverdlov. Zhur. fiz. khim. 39 no. 9:2193-2197 S '65.

BORON NITRIDE CRYSTALS

- Morphology of cubic crystals of boron nitride. N. I. Tikhonov, V. I. Ivanov, L. I. Feldgum. Dokl. AN SSSR. 161 no. 6:1286-1287 O '65.

BORON ORGANIC COMPOUNDS see Organoboron compounds

BORON STEEL

- Studying the possibility of electrolytic boronization to increase the wear resistance of cylinder bushings in marine diesel. N. I. Golubkov, A. V. Kiriulin. Trudy LIIVT. no. 70:35-40 '64.
- Use of boronized bucket chain pegs on a dredge. V. M. Zamorayev, V. A. Kulikov. Trudy LIIVT. no. 76:20-32 '64.

BOROTARTRATES

- Borotartaric acids. M. B. Shchigol', N. B. Burchinskaya. Zhur. neorg. khim. 10 no. 9:2000-2006 S '65.

BORTEN, PER, 1913-

- People and events: Maurice Couve de Murville; Per Borten; Paul Martin. Nov. vrem. 73 no. 44:12, 26, 31 O '65.

BORZHOMI (GEORGIA)—MINERAL WATERS

- Gastric secretory activity under the effect of mud applications and in their combination with the internal use of Borzhomi mineral water. P. R. Kapandze, Sbor. nauch. rab. vrach. san.-kur. uch. pri otdel'nykh no. 1, 50-55 '64.

BOSNIA AND HERZEGOVINA—REBELLION OF 1875

- The Ukrainian public and the uprising in Bosnia and Herzegovina, 1875-1876. I. U. Fomin. Ukr. ist. zhur. no. 8:34-43 Ag '65.

BOSPORUS, CIMMERIAN (KINGDOM) see Cimmerian Bosphorus (Kingdom)

BOTANICAL CHEMISTRY

- Phytochemical study of the plant *Gallium cruciata*. M. I. Borysov, I. U. H. Borysiuk. Farmatsev. zhur. 20 no. 1:63-66 '65.
- Phytochemical study of the scapophyll tree. Report No. 3: Study of saponins in the seed vessel of the soapberry tree. N. I. A. Zykyova, P. E. Kryvenchuk. Farmatsev. zhur. 20 no. 1:66-70 '65.

BOTANICAL GARDENS see subdivision under Donetsk, Leningrad

BOTANICAL RESEARCH

- (see also subdivision under Leningrad)
- The Botanical Institute of the Academy of Sciences of the U.S.S.R. is 250 years old. I. V. Ignatenko. Pochvovedenie no. 9:93-95 S '65.

BOTANICAL SOCIETIES

- Activities of the All-Union Botanical Society in 1964. A. A. Ivanov. Bot. zhur. 50 no. 8:1193-1203 Ag '65.
- Fiftieth anniversary of the All-Union Botanical Society. I. M. Lavinenko, A. A. Ivanov. Bot. zhur. 50 no. 9:1205-1217 S '65.
- In the Committee on the History of the Flora and Vegetation of the U.S.S.R. of the All-Union Botanical Society. D. A. Dmitrev. Bot. zhur. 50 no. 9:1360-1362 S '65.
- Prehistory of the All-Union Botanical Society. A. A. Ivanov. Bot. zhur. 50 no. 9:1345-1351 S '65.

BOTANY see subdivision under Carpathian Mountains, Crimea; Georgia; Komodo Island, Ovruch Range; Urugol' Island

BOTANY—ANATOMY

- Effect of water supply on the anatomical structure of the stem of reed (*Phragmites communis* Trin.). V. G. Nikolaevskii. Nauch. dokl. vys. shkoly; biol. nauk. no. 4:108-113 '65.
- Microscopical study of representatives of the genus *Delphinium* (Delphinium L.) of the family Ranunculaceae. Report No. 1. I. P. Karpus'. Farmatsev. zhur. 20 no. 1:71-76 '65.
- Structure of the embryo and seedlings of some species of *Gossypium*. A. S. Davitov. Bot. zhur. 50 no. 5:655-662 My '65.

BOTANY—CONGRESSES

- Conference in Tbilisi dedicated to the 100th anniversary of the birth of N. I. Kuznetsov. S. A. Gribova. Bot. zhur. 50 no. 5:738-743 My '65.

BOTANY—ECOLOGY

- (see also subdivision under Doliches Valley, Pokut'ye; Sara Peninsula, Turukhan Valley)
- Biological inequality of Crimean wild vetch (*Vicia* L.) seeds in connection with habitat conditions. V. V. Utkin. Ukr. bot. zhur. 22 no. 5:41-50 '65.

BOTANY—EMBRYOLOGY

- Analysis of some developmental characteristics of the Filularia-type embryo. I. D. Romanov. Bot. zhur. 50 no. 9:1276-1287 S '65.
- Biology of flowering and embryology of *Salsola gemmifera* Pall. V. I. Konycheva. Uzb. biol. zhur. 9 no. 5:68-63 '65.
- Condition and role of pigments in the embryo of winter radish (*Raphanus sativus* L.). K. P. Dovbysh. Ukr. bot. zhur. 22 no. 5:92-94 '65.
- Culture of isolated angiosperm embryos in an artificial medium. M. D. Ioffe, G. A. Zhukova. Bot. zhur. 50 no. 8:1157-1162 Ag '65.
- Development of the embryo in *Nymphaea candida* Presl. and *Nymphaea tetragona* Georgi. O. V. Val'seva, E. I. Savich. Bot. zhur. 50 no. 9:1323-1326 S '65.
- Embryology of aquatic cucumber (*Ecballium elaterium* (L.) A. Rich.). A. K. Dzavlatova. Ukr. bot. zhur. 22 no. 4:15-22 '65.
- Embryology of the representatives of the family Saxifragaceae. Report No. 1. Megasporeogenesis and development of the female gametophyte in *Boraginella crassifolia* (L.) Fritsch and *Chrysanthemum alternifolium* L. L. V. Korobova-Semenchenko. Nauch. dokl. vys. shkoly, biol. nauk. no. 4:101-107 '65.

BOTANY—JUVENILE LITERATURE

- Stories about plants. Z. Sizenko. Doshk. vosp. 38 no. 7:75-76 Ji '65.

BOTANY—MORPHOLOGY

- Morphology of the genus *Hamamelis* L. N. T. Skvorisova. Bot. zhur. 50 no. 9:1143-1148 Ag '65.
- Some characteristics of shoot formation in *Scopolia tangutica*. A. V. Aleksandrova, I. B. Sandina. Rast. res. 1 no. 3:410-414 '65.

BOTANY—STUDY AND TEACHING

- Attention! Florists! I. S. Sharygina, E. L. Smolina. Vest. vys. shkoly 23 no. 10:66-68 O '65.
- Curricular excursions on botany in secondary schools. P. F. Antonov. Uch. zap. Chuv. gos. ped. inst. no. 16:151-157 '63.

BOTANY—VARIATION

- Artificial mutations of practical value in potatoes. E. A. Solonko. Genetika. no. 1:179-181 '65.
- Characteristics of mutational changes in pea varieties and forms. K. K. Sidorova, N. P. Kalina, L. P. Uzhintseva. Genetika. no. 2:136-142 Ag '65.
- High-yielding mutant produced by Co⁶⁰ gamma radiation of cotton plants. Sh. I. Dragimov, R. I. Kovalchuk, P. Patzlev. Genetika. no. 1:166-172 '65.
- Induced system mutations in wheat. S. I. Makarova, N. N. Zoz. Genetika. no. 2:113-118 Ag '65.
- Joint action of various mutagens on barley. S. A. Valeva. Genetika. no. 2:108-112 Ag '65.
- Production of economically valuable artificial mutations in grain crops. N. S. Shcheglova. Genetika. no. 2:143-147 Ag '65.
- Relative mutagenic effectiveness of some chemical compounds on plants. P. K. Shkvarnikov, M. I. Kulik, V. T. Sazonova. Dokl. AN SSSR. 164 no. 5:1161-1164 O '65.
- Role of variety in an experimental mutagenesis. V. B. Enken. Genetika. no. 2:124-135 Ag '65.
- Specificity of the effect in induced mutagenesis. N. P. Dubinin and others. Dokl. AN SSSR. 165 no. 1:210-213 N '65.
- Utilization of radiation-induced bean and soybean mutants in breeding work. S. G. Todoradze. Genetika. no. 1:165-191 '65.

BOTANY, ECONOMIC—RESEARCH

- Meeting of the section on the "Mobilization of natural plant resources of the U.S.S.R. for the needs of the national economy and medicine" of the Special Research Council, March 18, 1965. L. P. Markova. Rast. res. 1 no. 3:480-482 '65.
- Science and technology. N. I. Vavilov. Rast. res. 1 no. 3:443-449 '65.

BOTANY, MEDICAL

- (see also subdivision under Tomsk Province)
- Alkaloids from the rootstocks of *Nardostachya lavagata* Willd. DC. V. I. Glyzin, P. L. Sonov. Apte. delo. 14 no. 1:29-30 Ja-F '65.
- Concepts of holorange and coenorange as exemplified by some medicinal plants. V. B. Kuvshinov. Bot. zhur. 50 no. 8:1121-1125 Ag '65.
- Drying medicinal plant raw material under field conditions. S. G. Makeenko, I. D. Kornetsov. Apte. delo. 14 no. 1:61-64 Ja-F '65.
- Effectiveness of the juice of *Schizandra chinensis* in thrombocytopenia. I. I. Laptev. Voen.-med. zhur. no. 1:78-80 '65.
- Procurement, storage, and use of medicinal plants. I. M. Hubs'kiy. Farmatsev. zhur. 20 no. 1:3-5 '65.
- Production of extracts from alkaloid-containing vegetable medicinal raw material under the effect of ultrasound. H. P. Pivnenko, O. M. Sotnikova. Farmatsev. zhur. 20 no. 1:30-42 '65.

BOTANY, MEDICAL—RESEARCH

- (see also subdivision under Leningrad)
- Meeting of the section on the "Mobilization of natural plant resources of the U.S.S.R. for the needs of the national economy and medicine" of the Special Research Council, March 18, 1965. L. P. Markova. Rast. res. no. 3:480-482 '65.

BOTTLING MACHINERY

- Automatic separators for air-liquid mixtures. A. I. A. L'vishis. Mashinostroitel. prom. 31 no. 7:33-37 Ji '65.

BOTULISM

- Possibility of detecting the botulinus toxin in water by the method of determining the phagocytic index. S. M. Minervin and others. Mikrobiol. zhur. 26 no. 4:13-17 '64.

BOUNDARY LAYER

- Calculation of the characteristics of laminar separation areas. I. U. G. El'kin, V. A. Nefland. Inzh. zhur. 5 no. 5:812-820 '65.
- Diffusion burning in a laminar boundary layer. Sh. A. Ershin, L. F. Iarin. Nauch.-tekhn. probl. gor. i vzryva. no. 2:101-105 '65.
- Exact solution of boundary layer equations. B. M. Berkovskii. Dokl. AN SSSR. 9 no. 1:51-54 Ja '65.
- Heavy injection into a turbulent boundary layer. M. M. Gurlink. Izv. AN SSSR. Mekh. no. 5:152-153 S-O '65.
- Regularities of a boundary layer resulting from the approximation of viscosity of uniformly dissociating air. I. U. A. Dem'yanov, I. N. Murzinov. Inzh. zhur. 5 no. 5:871-872 '65.

BOUNDARY PATROLS see Border patrols

BOUNDARY VALUE PROBLEMS

- Normally solvable elliptic boundary value problems. A. V. Bitadze. Dokl. AN SSSR. 164 no. 9:1218-1220 O '65.

BRAIN

- Biochemical heterogeneity of brain mitochondria. Z. D. Figuevna. Zhur. obshch. biokhim. i fiziol. 1 no. 5:413-418 S-O '65.

HEAD (Continued)

- ## BRAIN—BLOOD SUPPLY

- ### BRAIN—CALCIFICATION

- ## BRAIN—DISEASES

Pathogens of

- ### BRAIN—HEMORRHAGE

- Subarachnoid hemorrhages as a result of the rupture of an aneurysm of the vessels of the base of the brain in hypertension and endocarditis Z. I.A. Eletskaya Sbor. nauch. trud. TashGMU 22:22-82 182

PROFESSOR OF LAW

- ## BRAIN—LOCALIZATION OF FUNCTIONS

- ## BRAIN—SURGERY

- ## BRAIN—SYPHILIS

- BRAIN—TUMORS

- Effect of neuro-stimulators and neurologic and curariform substances on the functional recovery following the removal of extracerebral tumors.** G. G. Mikava, N. N. Bontschukh. *Vopr. neirofiziol.*, no. 152, 55, 1965.

- Oligodendrogliomas of cerebral hemispheres; clinical aspects, surgery and radiotherapy. IU P. Krivosheina, A. A. Volkov, Vop. neirokhii, no. 1:21-26 '65.

- Some correlations of pathological changes in the electroencephlogram and electromyogram of muscle tonus in patients with tumors of the frontal lobe. N. A. Filonovskaya. *Vop. neirokhii*, no. 111-12, 1955.

- Ventriculography with the use of malodil in tumors of the posterior cranial fossa. R. S. Tiapina, Vop. neirokhir., no. 1:40-43 '65.

- trauma, A.P. Bogatinskina, Trudy Vor. med. inst. 51:218-224 '63,
Neurodynamic disorders in patients in a late stage of a

- S.S. Oganestian. Zhur. eksp. i klin. med. 2 no 5:17-25
'62

Life cycle of some c. hydroidae. N. N. Sidorov. Zool. zhurn. 11 no 9 1109-1111 '65.

Investigation of the effect of non-encemented joints on the structural state of the concrete dam of the Bratkovskaya Hydroelectric Power Station. N. S. Rozhnova, V. N. Molyushin. Izv. VNIIG, 76, 14-51 (1961).

Results of simultaneous vaccination of sheep against Bacillus anthracis, brad. of, and infectious enterocolitis. H. B. Safarov, N. M. Bagimov, Veterinariy 12 no. 10 30-40 Q '65.

Effect of fatty substrate on the action of Hypoclebe
improving shat breed quality. Tr. V. Amer. na 38.
Polandov, A. N. Evropeyskaya volnina i oshchep-
telnost' 70-73 '69.

- BREAD—PACKING see subdivision under Cereals

Prokhorov, G. I. *Izvestiya vuzov. Biologiya*, 1965, No. 5, 39-41. 465

Electrode system for the cyclic breakdown of thin dielectric specimens, S. N. Kolomoj. *Zav. Lab.*, 31, no. 1164, 1965.

Causes of neglect in cancer of the breast. III. A.
Goldin. Nauch. und. klin. Med. Berl. 207
100.

- BREAST—DISEASES

- BREAST—SURGERY

- Expanded axillary-internal mastectomy and its place in treating cancer of the breast. S. A. Rhoads, Virginia, 11 no. 10, 23-32 '65.

Case of tuberculosis of the breast and aortic aneurysm of tubercular etiology. I. M. Mametov, A. G. Iudin.
Klin. khir., no. 2:71-73 '65.

BRECHT, BERTOLT, 1898-1956
Brecht and his art. Lev Kopelov. Nov. v. 100, 23
no. 45:20-30 N '65.

Critical review of the present state of genetic theory, crop plant and animal breeding, N. I. Vavilov, *Genetica* no. 1:20-40 '65.

New type of industrial building. G.I. Kupatov, B. A. Strol'tekh, 27 no 0;26-27 8 1961.

The party organizations of the front during the heroic defense, June-July 1941. N. M. Lomonosovsk. Vop., KPSS 9 no. 10:50-58 © 1955.

Land has become more generous. V. A. Itai'ko.
Zemledello 27 no. 1176-78 N '05.

BRICK INDUSTRY see subdivision under Kazakhstan,
Kokand, Soviet Central Asia

BRICK WALLS—DRYING

Drying of brick walls by the galvanostatic method
O. M. Fridman, *Gen. Khim. Stroi.* no. 6:30-31 Ag '65

BRICKMAKING MACHINERY

Device for determining the degree of the compression of cob bricks, I. I. Miloshevskii, *Stroi. mat.* 11 no. 10:6-7 O '65.

BRICKS

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov. [Chemically stable and heat resistant ceramic products, methods of testing] *Izdeliia khimicheski stoikie i termostoiki keramicheskie, metody ispytani* (GOST 437-64). 17d, official no. Moskva, [17d-vo standartov] 1964. 17 p. (SSSR, Gosudarstvennyi standart)

BRIDGE CIRCUITS

Thermistor bridge with automatic digital reading and an automatic zero correction, I. M. Zaks and others
Stroi. tekhn. no. 9:41-43 S '65

T-type d.c. bridge and prospects for its use in the measurement of large resistances A. M. Teplovskii
Trudy Inst. Kom. stand., mer i izm. prib. no. 74:11-18 '63.

BRIDGES—FOUNDATIONS AND PIERS

Strengthening river bridge piers, A. P. Chudskii, *Avi. dor.* 28 no. 9:25-26 S '65.

BRIDGES, CONCRETE

Using lightweight slag concrete in bridge construction, A. P. Tatarskii, K. A. Darganov, *Avi. dor.* 28 no. 9:13-14 S '65.

BRIDGES, CONCRETE—DESIGN AND CONSTRUCTION

Construction and testing of a bridge with coreless span structures, L. I. Menchikovskii, V. L. Khil'min
Avi. dor. 28 no. 9:15 S '65.

BRIDGES, WOODEN—MAINTENANCE AND REPAIR

Improving the durability of wooden bridges, A. D. Dmitriev, B. A. Giotov, V. L. Kirillin, *Avi. dor.* 20 no. 9:12, 22, 26 S '65.

BRIQUETS

Equipment and method of the pulsatron briquetting of scrap metal, V. G. Gonononko, V. V. Smolovskii, Kuz. shikhan, *proizv.* 6 no. 9:30-33 S '65

Metallurgical value of briquets from cast iron shavings, N. V. Arkad'ev, *Lit. proizv.* no. 8:10-11 Ag '64.

BROACHING

Maygulis, D. K. [High-efficiency broaching] *Vysokoproduktivnoe protagivanie*. [Chotabinsk] *IUzhno-Ural'skoe knizhnoe izd-vo*, 1965. 108 p.

Obtaining high-precision and high-finish machining in broaching holes, S. I. Zakhvatov, *Avi. prom.* 31 no. 10:36-38 O '65.

BROACHING MACHINES

Correction of the profile of bivalve bronchies, A. I. Liberman, *Stan. i Inst.* 30 no. 9:26-30 S '65.

BROACHING MACHINES—ATTACHMENTS

Automatic dividing attachment for rough broaching of teeth of bevel gear wheels, I. U. V. Tskernin, *Stan. i Inst.* 30 no. 9:40 S '65.

BRODSKII, ALEKSANDR IL'ICH, 1895-

Grigorov, I. P., I. F. Rekasheva, and V. A. Lunenok-Ishmakina, Aleksandr Il'ich Brodskii Kiev, Naukova dumka, 1965. 30 p. (Seria "Uchenye Ukrainskoi SSR")

BROMATES

Mechanism of the catalysis by vanadium compounds of the oxidation reaction of iodide by bromate, K. B. Aistat'skii, V. N. Kulagina, *Izv. vyzh. ucheb. z. av. i khim. i khim. tekhn.* 8 no. 3:376-384 '65.

BROMBERG, AVRAAM ALEKSANDROVICH, 1902-1965

Avraam Aleksandrovich Bromberg obituary, *Stroi. i dor. mash.* 10 no. 10:38 O '65.

BROMEGRASS

Autotoxicity of Bromus inermis Leyen, M. S. Krasavina, *Nauch. dokl. vys. shkoly, biol. nauki* no. 4:120-123 '65.

BROMINATION

Unsaturated organosilicon compounds. Part 17: Synthesis and bromination of some conjugated diene silicon hydrocarbons, B. G. Shakhovskoi, M. D. Stadnichuk, A. A. Petrov, *Zhurn. obshch. khim.* 35 no. 10:1714-1720 O '65.

Using the bromination method for the testing of carbon black, N. N. Lezhnev and others, *Kauch. i rez.* 24 no. 9:18-20 '65.

BROMINE ORGANIC COMPOUNDS see Organobromine compounds

BRONCHI—DISEASES

Diagnostic difficulties in a case of bronchial cyst of the lung, E. M. Poddyubina, *Probl. tub.* no. 7:87-88 '64.

BRONCHI—SURGERY

Methodology of transbronchial aspiration puncture of bifurcation lymph nodes under intravenous anesthesia with the use of muscle relaxants, B. G. Shukhin, *Sov. med.* 28 no. 3:7-10 M '65.

BRONCHI—TUMORS

Plastic bronchial surgery in benign tumors, A. P. Kuz'michev, I. P. Solov'eva, *Sov. med.* 28 no. 3:3-7 M '65.

BRONZE FOUNDRY

Casting of bronze inserts on a vertical centrifugal machine, I. U. A. Nikul'shin, *Lit. proizv.* no. 9:41 S '64.

BRONZED SKIN see Addison's disease

BROOMRAPE see subdivision under Tobacco Preserve

BROWNIAN MOVEMENTS

Thermal oscillations of linear passive systems, A. A. Kasavskii, *Zhur. tekh. fiz.* 35 no. 9:1537-1545 S '65.

BRUCELLOSIS

Brucellosis of the nervous system, V. V. Pleshchugin, *Trudy Voz. med. inst.* 51:76-81 '63.
State of some liver functions in patients with brucellosis treated with antibiotics, A. D. Dzhanarov, K. D. Dzhanaliev, *Sbor. nauch. bud. TashGMI* 22:164-169 '62.

BRUCELLOSIS—COMPLICATIONS AND SEQUELAE

Clinical aspects of residual phenomena following the recovery from brucellosis, V. M. Medzhidov, *Sbor. nauch. bud. TashGMI* 22:170-178 '62.

BRUCELLOSIS IN CATTLE

Accelerated methods for studying the undesignated milk from cows with brucellosis, V. M. Karpashova, I. I. Arkhangelskii, *Veterinariia* 42 no. 10:92-93 O '65.

BRUSHES, ELECTRIC

Performance of the slide contacts of d.c. motors in a liquid dielectric media, B. M. Pivushch, L. L. Ryskin, *Elektr. tekhnika* 36 no. 10:14-16 O '65

Quality of commutation and selection of current density beneath brushes, V. S. Khvostov, *Elektr. tekhnika* 36 no. 10:51-51 O '65

BRUSSELS SPROUTS—FERTILIZERS AND MANURES

Effect of fertilizers on the yield and quality of Brussels sprouts, G. N. Vinogradova, *Nauch. dokl. vys. shkoly, biol. nauki* no. 4:154-158 '65.

BRYANSK—WOOL INDUSTRY

Technological study room as progress promoter, M. I. A. Konovalevskii, *Tekst. prom.* 25 no. 10:81 O '65.

BRYANSK PROVINCE—AGRICULTURE—HYGIENIC ASPECTS

At the desk and in the fields, V. Poruchikov, *Okr. truda i sels. stroikh.* 8 no. 11:39 N '65.

BUCKWHEAT

New developments in the technology of the production of buckwheat groats, M. Solov'ev, *Muk. obozr. prom.* 31 no. 9:11-12 S '65

Producing high buckwheat crops, A. Omel'chenko, *Inform. biul. VDNKh* no. 7:27-28 JI '65.

BUDGET

Menchinskii, V. V. [Organization of budget work in local financial organs] *Organizatsia budzhetnoi raboty v mestnykh finansovykh organakh*. Moskva, Finansy, 161 p.

Russia (1923- U.S.S.R.) Verkhovnyi Sovet [Plan of the national economy and the budget of the U.S.S.R. for 1965; materials of the fifth session of the Sixth Supreme Soviet of the U.S.S.R.] *O narodnokhosyatsvennom plane i budzhetie Soyuza SSR na 1965 god; materialy plat. sessii Verkhovnogo Soveta SSSR shestogo sozyva*. Moskva, Izd-vo "Ekonomika," 1964. 120 p. (DS)

State budget of the U.S.S.R. for 1964-1965, N. A. Giotovskii, *Mat. i soob. issl. otd. Inst. po izuch. SSSR* no. 55:56 12-40 '64.

BUDNIKOV, PETR PETROVICH, 1895-

On P. P. Budnikov's 80th birthday, *Stroi. mat.* 11 no. 10:32-34 O '65.

Outstanding scientist, V. I. Satarin, *Tsment* 31 no. 5:22 S-O '65.

Petr Petrovich Budnikov, *Izv. AN SSSR, Ser. khim.* no. 10:1720 '65.

Petr Petrovich Budnikov on his 80th birthday, *Ogneupory* 30 no. 10:1-2 '65.

BUG VALLEY—COSSACKS

History of the settlement of the Bug Valley; the Bug Cossack army, 1769-1817, I. O. Khilont, *Ukr. ist. zhurn.* 9 no. 9:126-128 Ag '65.

BUG VALLEY—GNEISS

Dressing granite-sillimanite gneisses from the Bug Valley deposit, V. N. Gensharov, M. I. Savanov, L. N. Turchinova, *Ogneupory* 30 no. 10:10-15 '65.

BUILDING

(see also subdivision under Uzbekistan)

Accounting for the efficiency of expenditures for reconstruction N. Budunova, *Plan. khoz.* 42 no. 11:75-77 N '65.

All-Union Public Inspection of the Quality of Construction and the Competition for the Best Construction According to Standard and Economical Designs, K. K. Smirnov, *Stroi. trubo. prom.* 10 no. 10:2-3 O '65.

Construction on saline soil, M. P. Poltev, *Osn., fund. i mezh. gran.* 7 no. 5:25-27 '65.

Make stipulations for standardized elements in designs, M. I. Bernovskii, *Stroi. trubo. prom.* 10 no. 10:35-36 O '65.

Pantulin, A. G. [Principles of construction work and sanitary engineering] *Osnovy stroitel'nogo dela i sanitarnoi tekhniki*, 17d 5, perer. Moskva, Vysshiaia shkola, 1965. 330 p.

Torgonskii, M. N. [Management of construction operations] *Proizvodstvo stroitel'nykh rabot*, 17d 2, perer. i dop. Moskva, Lesnaia promyshlennost', 1965. 332 p.

BUILDING—BIBLIOGRAPHY see Bibliography—Building

BUILDING—COLD WEATHER CONDITIONS

(see also subdivision under Kazakhstan)
Simplify the computation of winter coefficients P. Kus'lin, *Stroi. tekhn.* no. 9:59-71 S '65.

BUILDING—CONGRESSES

Building on water saturated incoherent clayey soils; All-Union Congress in Tallinn, M. U. Abekov, A. Kh. Slavovosov, *Osn., fund. i mezh. gran.* 7 no. 5:30-31 '65.

BUILDING—CONTRACTS AND SPECIFICATIONS

Structure of contractual relations in industrial construction and its improvement A. Tkach, *Rad. pravo* 28 no. 7:79-83 O '65

BUILDING—DICTIONARIES

Lauko, Andrej. [Russian-Slovak and Slovak-Russian dictionary of building terms] *Russko-slovenský a slovensko-ruský stavebnícky slovník*. Bratislava, Slovenské vydav. vo technikej lit-ry [1964] 1305 p.

BUILDING—ESTIMATES

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po dolam stroitel'stva. [Collection No. 42 of standard district uniform estimates for construction work; temporary buildings and structures] *Sbornik No. 42 edinykh raznykh odnolichnykh natsenok na stroitel'nye raboty; vremennye zdaniia i sooruzheniia*. Moskva, Stroiizdat, 1965. 103 p.

BUILDING—REPAIR AND RECONSTRUCTION

Sequence in carrying out planned operations on the reconstruction and integration of standard projects, *Biul. stroi. tekhn.* 27 no. 9:12 S '65.

BUILDING—SAFETY REGULATIONS

Filipov, N. P. [Safety manual for fitters and assemblers of control devices] *Pamiatka po tekhnike bezopasnosti dlia slesaria-montazhnikha kontrol'nykh priborov*. Moskva, Stroiizdat, 1965. 23 p. (Tekhnika bezopasnosti v stroitel'stve)

BUILDING—STANDARDS

Normative documents on structural designing and carrying out the construction work, *Biul. stroi. tekhn.* 27 no. 9:13-14 S '65

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po dolam stroitel'stva. [Construction specifications and regulations] *Stroitel'nye normy i pravila*. Moskva, Stroiizdat.

Pt. 3, Sec. V, ch. 6.1. [Protection of underground metal structures from corrosion; regulations for the execution and acceptance of work] *Zashchita podzemnykh metallicheskiikh sooruzhenii ot korrozii; pravila proizvodstva i priemki rabot* (SNIP III-V, G. 1-62), 1965. 13 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po dolam stroitel'stva. [Construction specifications and regulations] *Stroitel'nye normy i pravila*. Moskva, Stroiizdat.

Pt. 4, [Estimates] *Smetnye normy*.

Vol. 3, no. 2.

Ch. 21. [Stone elements] *Kamennye konstruktsii*.

Ch. 23. [Wood elements] *Dereviannye konstruktsii*.

Ch. 25. [Floors] *Poly*.

Ch. 26. [Roofs] *Krovli*.

Ch. 27. [Finishing work] *Otdelochnye raboty*.

Ch. 38. [Electrical lighting of apartment houses and public buildings] *Elektroosveshcheniye zhilykh i obshestvennykh zdani*.

1965. 183 p.

BUILDING—TECHNOLOGICAL INNOVATIONS

Results of the competition for the best efficiency proposals of assemblers, M. Taitakovskii, *Muk. obozr. prom.* 31 no. 9:24-26 S '65

- BUILDING, STONE**
Design for a stone building to be constructed on sagging ground. A. Chutko. Stroitel'arkhit. 11 no. 7 30-31 JI '65
- BUILDING INDUSTRY** see Construction industry
- BUILDING LAWS**
Lighting systems of windowless buildings. A. Mikhailov, E. Plekhanov. Pozh. delo no. 10 28-29 O '65
- BUILDING MACHINERY** see Construction equipment
- BUILDING MACHINERY INDUSTRY** see Construction equipment industry
- BUILDING MATERIALS**
(see also subdivision under Georgia, Kazakhstan, Moscow)
Furan compounds are making progress. A. Belokh-Kadyah, S. Bulavin. Stroitel'arkhit. Uzb. 6 no. 3 14-16 Mr '65.
Panulfin, A. G. [Principles of construction work and sanitary engineering]. Osnovy stroitel'nogo dela i sanitarnoi tekhniki. Izd. 5, pered. Moskva, Vysshaya shkola, 1965. 330 p.
Production of polymer construction materials for floors. I. A. Stul'. Bui. stroitel'kh. 27 no. 9 31-36 S '65.
Products and building materials for the industrialization of the general repair and maintenance of residential houses. V. S. Akhanov, Sbor. nauch. trud RNTI AKKH no. 2 136-154 '63.
Recovery of materials and the reduction of the repair costs. A. I. Driker. Gor. khoz. Mosk. 39 no. 8 25-26 Ag '65.
Set for the supplying of materials and equipment in order. L. Cherniavskii. Ekon. stroi. no. 10 17-18 O '65.
Use of synthetic material in general repair. K. I. Karasev. Gor. khoz. Mosk. 39 no. 8 26-28 Ag '65.
- BUILDING MATERIALS—EXHIBITIONS**
Exhibit of the All-Union Institute for Building Materials Research. M. Neumov. Ekon. stroi. no. 9 16-18 S '65.
From the Exhibition of Achievements of the National Economy of the U.S.S.R.; in the "Rural construction" pavilion. Bet. i zhel. bet. 11 no. 10 46-48 O '65.
In the Soviet section of "Chemistry in construction". L. Lapobok. Na stroi. Ros. 6 no. 9 27-28 S '65.
Opening of the international exhibition "Chemistry in the Industry, Construction, and Agriculture". Bui. stroitel'kh. 27 no. 9 33 S '65.
- BUILDING MATERIALS—PRICES**
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Price list No. 1 of average district estimates for materials, parts, and elements]. Tsennik No. 1 srednikh rayonnykh smetnykh tsen na materialy, detal'i i konstruktsii. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhit. Pt. 1. [Building materials]. Stroitel'nye materialy. Izd. 3, ispr. 1957. 119 p.
- BUILDING MATERIALS—TRANSPORTATION**
Centralized transportation of semifinished building materials. G. Smirnov. Avitransp. 43 no. 10 14-15 O '65.
- BUILDING MATERIALS INDUSTRY**
(see also subdivision under Buryat A.S.S.R.)
Advanced practices are available to all enterprises. Stroi. mat. 11 no. 10 17-18 O '65.
Electron-ion technology and polymers. S. S. Davydov. Stroi. mat. 11 no. 10 10-11 O '65.
Greater attention to the expansion of the stone casting industry. Sek. i ker. 22 no. 3 1-2 Mr '65.
Increase the production of the large-scale chemical industry. K. Klopotov. Zhil. i kom. khoz. 16 no. 9 1-2 S '65.
Local materials industry should meet the standard required by present-day construction. P. G. Muromskii. Stroi. mat. 11 no. 10 1-4 O '65.
- BUILDING MATERIALS INDUSTRY—EQUIPMENT AND SUPPLIES**
Exhibit of the All-Union Institute for Building Materials Research. M. Neumov. Ekon. stroi. no. 9 16-18 S '65.
Polymer materials and equipment for processing them. A. M. Volchek. Khim. i nef. mashinostr. no. 9 37-38 S '65.
- BUILDING MATERIALS INDUSTRY—MANAGEMENT**
Turovskii, I. G., and V. E. Shneider, eds. [Economics, organization and planning for the building materials industry]. Ekonomika, organizatsia i planirovanie promyshlennosti stroitel'nykh materialov. Moskva, Stroizdat, 1965. 425 p.
- BUILDING MATERIALS INDUSTRY—QUALITY CONTROL**
Statistical method of quality control of structural elements. V. A. Lantsev, L. A. Polonskii. Stroitel'arkhit. Len. 27 no. 8 32-33 Ag '65.
- BUILDING MATERIALS INDUSTRY—STANDARDS**
Basic organizations on standardization. Bui. stroitel'kh. 27 no. 9 47-48 S '65.
- BUILDING MATERIALS PLANTS** see subdivision under Tashkent
- BUILDING MATERIALS PLANTS—DESIGN AND CONSTRUCTION**
Valzhimch, V. Ia., and others. [Principles of the technical design of enterprises for rock building materials, a manual for designers]. Osnovy tekhnologicheskogo proektirovaniia predpriatii nerudnykh stroytel'nykh materialov, posobie dlia proektnykh spetsialistov. Leningrad, Stroiizdat, 1965. 309 p.
- BUILDING SITES**
Spacing between buildings on slopes of various exposures and steepness. N. Shakarlan. Zhil. stroi. no. 6 21-24 '65.
- BUILDINGS—DESIGN AND CONSTRUCTION**
Designs of buildings submitted for the 1964 competition. L. Belousov. Stroitel'arkhit. 13 no. 9 15-21 S '65.
Instructions for designing buildings and structures on areas undercut by mining, construction specifications. 289-64. A. P. Staritsyn. Ozn., fund. i mekh. grun. 7 no. 5 52 '65.
- BUILDINGS—MAINTENANCE AND REPAIR**
Industrial floor elements for the general repair of buildings. V. S. Kuchak. Gor. khoz. Mosk. 39 no. 8 36-38 Ag '65.
Instructions on planning continuous repair of residential buildings. Zhil. i kom. khoz. 16 no. 9 30 S '65.
Precast reinforced concrete roofs for the general repair of buildings. O. M. Terent'ev. Gor. khoz. Mosk. 39 no. 8 38-40 Ag '65.
Recovery of materials and the reduction of the repair costs. A. I. Driker. Gor. khoz. Mosk. 39 no. 8 25-26 Ag '65.
- BUILDINGS, PREFABRICATED**
(see also subdivision under Moscow)
Buildings constructed by a method of lifting stories and roofs. A. Sergeev. Zhil. stroi. no. 6 31 '65.
Completely prefabricated construction of farm buildings. I. V. Voitenko, A. I. Skachev, V. V. Sokolov. Stroitel'arkhit. Uzb. 6 no. 1 32-31 Ja '65.
Results of a study of the stressed state of large-panel buildings by a method of jacking. V. Gorodnichiev and others. Stroitel'arkhit. 11 no. 7 11-14 JI '63.
- BUKHARA PROVINCE—PLANT COMMUNITIES**
Fungi of principal habitats and phytocenoses of Bukhara Province. N. I. Gaponenko. Urb. biol. zhur. 9 no. 5, 53-57 '65.
- BUKHARA PROVINCE—SOIL FUNGI**
Fungi of principal habitats and phytocenoses of Bukhara Province. N. I. Gaponenko. Urb. biol. zhur. 9 no. 5, 53-57 '65.
- BUKOVINA—INDUSTRIES**
The struggle of the workers of Soviet Bukovina for the development of industry, 1940-1964. M. V. Arsent'ev. Ukr. ist. zhur. 9 no. 8 103-105 Ag '65.
- BUKOVINA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS**
The struggle against the Fascist occupants in Bukovina, 1941-1944. P. S. Sytyko, S. I. Komarnitskii. Ukr. ist. zhur. 9 no. 8 66-72 Ag '65.
- BULGARIA—APARTMENT HOUSES—DESIGN AND CONSTRUCTION**
Development of housing construction in Bulgaria. Kirilko Ananiasov. Zhil. stroi. no. 6 28-30 '65.
- BULGARIA—ECONOMIC CONDITIONS**
Glorious twentieth anniversary. Zakhari Zakhariyev. Sov. voln. 46 no. 17 16-18 Ag '64.
- BULGARIA—HISTORY**
The national liberation movement in Bulgaria, 1853-1854. V. D. Konobeev. Uch. zap. Inst. slav. 29 134-177 '65.
- BULGARIA—INDUSTRY AND STATE**
Organization of state control in Bulgarian industry during the first years of the socialist revolution, September 1941-December 1947. A. I. Chernii. Ukr. ist. zhur. 9 no. 8 105-108 Ag '65.
- BULGARIA—IRON AND STEEL WORKERS**
Visiting our Bulgarian friends. M. Argunov. Metalurg. 10 no. 10 30-30 O '65.
- BULGARIA—IRRIGATION**
State of and prospects for the development of irrigation in Bulgaria. Georgii Nachkov. Gidr. i mel. 17 no. 8, 51-55 Ag '65.
- BULGARIA—POLITICS AND GOVERNMENT**
Spasov, Boris. [System of national representation in the People's Republic of Bulgaria]. Sistema narodnogo predstavitel'stva v Narodnoi Respublike Bolgarii. Moskva, Nauka, 1965. 89 p.
- BULGARIA—RHIZOSPHERE MICROBIOLOGY**
Antagonistic properties of actinomycetes isolated from the rhizosphere of various plants. G. Shokova, I. Gergelyev, N. Stofanov. Mikrobiologiya. 14 no. 5 471-475 8-O '65.
- BULGARIA—WORLD WAR, 1939-1945**
Glorious twentieth anniversary. Zakhari Zakhariyev. Sov. voln. 46 no. 17 16-18 Ag '64.
- BULLDOZERS**
Investigating the operating tension of the carrying system of the S-10K11 tractor with the D-147 bulldozer. M. P. Sergeev and others. Stroitel'kh. 27 no. 9 18-20 S '65.
- BULIS—DISEASES AND PESTS**
Rhinotheliosis in herd bulls. G. N. Pomenko. Veterinarna. 42 no. 10 60-62 O '65.
- BULIS—JUDGING**
Judging herd bulls on the basis of the inheritance of the form and characteristics of the udder in their daughters. V. M. Kuchin, V. V. Stakou. Vestn. AN BSSR. Ser. sel. hosp. nav. no. 2 104-110 '65.
- BULUN DISTRICT—PHYSICAL GEOGRAPHY**
Some characteristics of spatial differentiation of natural complexes at the northern limit of subarctic vegetation (lower reaches of the Lena River). I. D. Puzin. Izv. Inst. im. pr. Sh. i Dal'. Vost. no. 6 60-65 '64.
- BUNIN, IVAN ALEKSEEVICH, 1870-1953**
I. A. Bunin at work on his story "The Gentleman from San Francisco". V. N. Afanasev. Izv. AN BSSR. Ser. lit. i jaz. 21 no. 1 7-17 Ja '65.
Some stylistic features of I. A. Bunin's tale "The village". I. S. Givert. Vopr. lit. i yzv. na. Ser. filol. no. 3 101-104 '65.
- BUNTING (BIRDS)** see subdivision under Tinid region
- BURDOCK**
Quantitative and anatomical analysis of a cattle and reproductive stem leaves of some Compositae and Arctias species. S. A. Paizleva. Uzb. biol. zhur. 9 no. 4 51-52 '65.
- BURNERS**
Adjustment and study of the operation of the burners of the PK-30 boiler. Inzheneringovskoe 11 no. 14-17 S '65.
Performance of round turbulent burners in the furnaces of the TP-230-2 boiler operating on multi-fuel oil. I. I. Zhukov, A. V. Polutnev. Dlek. ma. 30 no. 11 20-25 S '65.
- BURNS AND SCALDS**
Burns and burns in construction workers. G. I. A. Shcherba. Ortop., travm. i protez. 26 no. 3 45-49 My '65.
Blood serum protein in various stages of burn disease. L. F. Khimenko. Gemat. i perel. krov. 1 242-244 '65.
Burns and their treatment. T. Ar'lov. Voen. zhur. 41 no. 9 110-110 S '65.
Content of glycogen in the liver in thermal burns of the skin; experimental study. M. A. Fain. Arkh. pat. no. 10 43-46 '64.
Effect of plasma transfusions from burn convalescents on the toxic properties of sera in experimental burn disease. G. K. Shklovskii, V. A. Orlik. Gemat. i perel. krov. 1 330-32 '65.
Immunological reactivity of the body of burn patients following skin autografts. P. I. Giller, D. I. Shubing. Gemat. i perel. krov. 1 143-145 '65.
Present state of the problem of skin homoplastic and the development of this method in treating patients with burns, survey of the literature. N. D. Kozantova. Ortop., travm. i protez. 26 no. 9 70-87 S '65.
Skin homoplastic in burn disease in children. D. I. Lashin, R. D. Ribak. Gemat. i perel. krov. 1 145-149 '65.
Study of burn antigens and antibodies by means of electrophoresis. V. A. Mazurenko. Gemat. i perel. krov. 1 230-241 '65.
Use of blood substitutes in the treatment of extensive superficial burns. R. L. Murzin, L. L. Gerasimova, A. A. From. Probl. gemat. i perel. krov. no. 3 34-38 '65.
- BURNS AND SCALDS—PSYCHOSOMATIC ASPECTS**
Neuropsychic disorders in burn disease. V. P. Rogachev. Voen.-med. zhur. no. 1 26-30 '65.
- BURYAT A. S. S. R.—BUILDING MATERIALS INDUSTRY**
Heat insulated industrial enclosing structures. V. Narz'iev. Stroi. mat. 20 no. 9 10-20 S '65.
- BURYAT A. S. S. R.—GRAIN—FERTILIZERS AND MANURES**
Fertilizers for grain. A. M. Emel'innov. Zemledelie. 27 no. 11 50-50 N '65.
- BURYAT A. S. S. R.—HISTORY**
Barlanova, A. A. [Establishment of the Buryat Autonomous Soviet Socialist Republic]. Obrazovanie Buriatskoi Sotsialisticheskoi Respubliki. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1964. 132 p.

BURYAT A. S. S. R.—INSULATION (HEAT)

Heat insulated industrial enclosing structures. V. Nazarov. *Sov. Stroi.* 20 no. 9:10-20 S '65.

BURYAT A. S. S. R.—MINERALS

Composition and properties of newly found minerals of the magnetite-jakobsite series in the Magnetitovoye deposit (Buryat A. S. S. R.). G. S. Rumiantsev. *Dokl. AN SSSR* 164 no. 5:143-146 O '65.

BURYAT A. S. S. R.—SOVIETS

Sadukov, K. A. [Volunteer participation in the activity of local soviets] *Obshchestvennoye nachalo v detskei i nozhi mekhanizatsii Sovetov. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1964, 50 p. (CSI-II)*

BURYAT A. S. S. R.—WALLS

Calculating an optimal plan for the distribution of the production of wall materials. M. Alekseev. *Ekon. stroi.* 10, 10:27-29 O '65.

BUS CONDUCTORS (ELECTRICITY)

Simplified calculation of shielded bus conductors. V. N. Vlasov. *Trudy Leningradskogo nauchno-issledovatel'skogo tsentra, 1964, 203 p.*

Study of the electrical characteristics of three-phase current conductors using single-phase mode techniques. K. M. Polyanov and others. *Izv. vuz. ucheb. zav., energ.* 8 no. 10:20-34 O '65.

BUSINESS ENTERPRISES

Singer, G. N. [Methodological problems of computing expenditures in combined production] *Metodicheskie voprosy ischisleniya zhitat v kombinirovannykh proizvodstvennykh. Kishinev, Kartia moldovenaske, 1964, 78 p.*

The statute on enterprises and the tasks of the party organizations. Part. zhizn' 1 no. 22-37 N '65.

BUSINESS ENTERPRISES—ACCOUNTING

Lubkin, I. A. [Machine accounting for the labor force of a production combine with a guarantee of economic statistics] *Mekhanizatsiya ucheta kadrov proizvodstvennogo ob'edineniya s obespecheniem ekonomicheskoi statistiki. Leningrad, 1965, 25 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya Organizatsiya i mekhanizatsiya izuzheniya i upravleniya ekonomicheskimi tsennostmi)*

BUSINESS ENTERPRISES—FINANCE

High economic effect. A. Korotkov. *Fin. SSR* 39 no. 10:72-73 O '65.

BUSTARDS

Little bustard in the U. S. S. R. and measures for its protection in winter. F. V. Ivanov, S. G. Priskovskii. *Ornitologiya* no. 7:130-133 '65.

BUTADIENE

Cobalt and copper compounds with 2-chloro-1,3-butadiene. S. N. Avakian, R. A. Karapetian. *Zhur. ob. khim.* 35 no. 0:1680-1682 S '65.

Interaction of ring-forming chlorophosphites with diene hydrocarbons. B. A. Arbutov, L. A. Shaposhnikova, V. M. Trokima. *Izv. AN SSSR, Ser. khim.* no. 10:1620-1626 '65.

Link formation mechanism in the stereospecific polymerization of dienes. B. A. Dolgoplosk and others. *Dokl. AN SSSR* 161 no. 6:1300-1302 O '65.

Organofluorine compounds. Part 2: Reaction of silane hydrides with 1-butoxy-1,3-butadiene. B. A. Sokolov, G. M. Alekseeva, G. V. Dmitriev, *Zhur. ob. khim.* 35 no. 10:1839-1840 O '65.

BUTADIENE POLYMERS

Chemical inhomogeneity of the heterogeneous catalytic hydrogenation products of sodium polybutadiene. A. I. Lazubchik, B. I. Tikhomirov, L. N. Mikhailova. *Vysokom. sood.* 7 no. 0:1662-1664 S '65.

Molecular weight distribution and physicomechanical properties of butadiene-styrene copolymers. M. Kalfus and others. *Vysokom. sood.* 7 no. 0:1655-1659 S '65.

Polymerization of butadiene by catalysis based on carbonyl metals of group VI of the periodic system of elements. B. D. Babitskii, V. A. Kormer, I. M. Lapuk. *Dokl. AN SSSR* 163 no. 1:95-98 N '65.

BUTADIENE

Unsaturated organosilicon compounds. Part 17: Synthesis and bromination of some conjugated diene silicon hydrocarbons. B. G. Shakhovskoi, M. D. Sushchuk, A. A. Petrov. *Zhur. ob. khim.* 35 no. 10:1714-1720 O '65.

BUTYLENE

Preparation of an ethylene-butylene elastomer in a liquid butylene medium. N. M. Soldov, M. A. Dalin, S. M. Kizomov. *Dokl. AN SSSR* 164 no. 4:826-827 O '65.

BUTYNYNE

Gas-chromatographic method of analysis of the absorbent in the production of monovinylacetylene. G. Shashenina. *Prem. Arin.* 0 no. 7:20-27 JI '65.

BUTTER MAKING

Some causes of the separation into layers and crumbling of creamy butter made with the continuous method. V. M. Vergelesov, A. P. Belousov. *Izv. vuz. ucheb. zav., pishch. tekhn.* no. 5:91-95 '65.

Temperature conditions during butter making with the continuous method. G. V. Tyerodskikh. *Izv. vuz. ucheb. zav., pishch. tekhn.* no. 5:84-90 '65.

BUTYL ALCOHOL

Simultaneous dehydration of n-butyl alcohol and ammonia in the presence of gumblin. Kh. I. Arashidze, L. K. Tavakilidze. *Soob. AN Gruz. SSR* 39 no. 3:560-575 S '65.

BUTYL PHOSPHATES

Extraction of scandium nitrate by tributyl phosphate. A. P. Samodolov. *Zhur. neorg. khim.* 10 no. 9:2180-2183 S '65.

Solubilization of tributyl phosphate into aqueous solutions of uranyl nitrate. V. A. Mikhailov, A. G. Nazin. *Zhur. fiz. khim.* 39 no. 0:2312-2314 S '65.

Extraction of carrier-free silver from hydrochloric solutions by tributyl phosphate. Part 3: Effect of chloride-ion concentration. M. D. Kozlova, V. I. Levin. *Radiokhimiya* 7 no. 5:534-538 '65.

Extraction of U(IV) and U(VI) from hydrochloric solutions by means of tri-n-butyl phosphate. V. M. Vdovenko and others. *Radiokhimiya* 7 no. 5:507-516 '65.

BUTYRIC ACID

γ-aminobutyric acid in the brain of monkeys in spasms caused by picrotoxin. Nguyen-Tai-Tsin, I. A. Sytinski. *Vop. med. khim.* 11 no. 1:41-41 Ja-P '65.

BUZZARDS see subdivision under Kemerovo Province**CABBAGE** see subdivision under Kazakhstan**CABBAGE—DISEASES AND PESTS** see subdivision under Kazakhstan**CABBAGE—VARIETIES** see subdivision under Karaganda**CABLES**

Automatic control of the diameter of sheathed cables on the continuous vulcanization unit. A. Bakunin, G. Miskulian, K. Oganesian. *Prom. Arin.* 6 no. 7:20-23 JI '65.

Sealing cable ends. P. V. Smirnov. *Stroitel'stvo, 10 no. 10:23-24 O '65.*

CABLEWAYS

System of remote and centralized control of trolley cableways. A. G. Kovalevskii, N. P. Troitskov. *Gor. zhur.* no. 8:50-62 Ag '65.

CADAVERS

Respiration of cadaverous skin preserved under low temperatures. L. V. Zakharenko, G. V. Deriz. *Vop. med. khim.* 11 no. 2:24-28 Mr-Apr '65.

Some data on the study of preserved cadaver blood from irradiated dogs. G. I. Smolov. *Gemat. i perel. krov.* 1:119-121 '65.

CADMIUM PLATING

Introducing cyanide cadmium plating using asymmetric current. K. D. Sokolova, V. M. Kuznetsov, V. I. Tikhomirova. *Bull. tekhn. i kon. Inform. Gos. nauch. i issled. tsentra, tekhn. inform.* 16 no. 0:12-13 S '65.

Primary and secondary internal stresses in zinc and cadmium deposits. M. A. Popovskii. *Zhur. fiz. khim.* 39 no. 9:2103-2108 S '65.

CADMIUM SALTS

Cadmium ion catalysis of the alkaline hydrolysis of cyanoethyl ester. K. B. Iatsimirskii, L. P. Tikhonova. *Zhur. neorg. khim.* 10 no. 9:2070-2074 S '65.

CADMIUM SULFIDE

Experimental study of luminescent systems. Part 3: Kinetics and mechanism of the formation of cadmium sulfide films on the glass surface. A. A. Uriskaya, G. A. Kitayev, S. G. Mokrushina. *Koll. zhur.* 27 no. 5:767-772 S-O '65.

Study of condensed films of ZnS + CdS and Zn-Cd-S of varying composition. L. S. Palatnik, N. T. Gladikh, M. N. Naboka. *Fiz. tver. tela* 7 no. 9:2850-2852 S '65.

CADMIUM SULFIDE CRYSTALS

Resonance amplification of Rayleigh ultrasonic waves by a beam of charged particles flying near a crystal surface. Yu. V. Gulyaev, P. E. Zilberman. *Fiz. tver. tela* 7 no. 9:2772-2778 S '65.

Two types of cadmium sulfide crystals. N. N. Chikovan. *Soob. AN Gruz. SSR* 39 no. 1:43-47 JI '65.

CAFFEIC ACID

Change in the content of chlorogenic and caffeic acids in stored potato varietal differing as to the resistance to Phytophthora infestans. V. E. Sokolova and others. *Dokl. AN SSSR* 165 no. 1:237-240 N '65.

CAESONS see subdivision under Asbest (Sverdlovsk Province)**CALCIUM—EFFECT ON PLANTS** see Plants, Effect of calcium on**CALCIUM—PHYSIOLOGICAL EFFECT**

Relationship of morphological and biochemical damage symptoms in mitochondria. V. I. Mashinski, O. A. Semikhatova, T. M. Bushueva. *Bot. zhur.* 50 no. 5:839-846 My '65.

CALCIUM CARBIDE

Preparation of polyvinylones by the reaction of dibromo-ethylbenzene with calcium carbide. I. A. M. Pavshkin, I. I. A. Markov. *Vysokom. sood.* 7 no. 9:1461-1463 S '65.

CALCIUM CARBONATE

Effect of the preliminary action of magnetic field on the thermal decomposition of aqueous calcium bicarbonate solutions. A. N. Kirgintsev, V. M. Sokolov. *Koll. zhur.* 27 no. 5:702-704 S-O '65.

Interaction of phenolite with calcium carbonate during sintering. A. I. Zayubina, I. A. Katkov. *Trudy Inst. met. i olog. AN Kazakh. SSR* 12:107-109 '65.

CALCIUM COMPOUNDS

Stability of complex compounds of cations of calcium and scandium subgroups. V. N. Kurnak, V. V. Serebrennikov. *Zhur. neorg. khim.* 10 no. 9:2018-2022 S '65.

CALCIUM FLUORIDE CRYSTALS

Luminescence and generation of $\text{CaF}_2 \cdot \text{Dy}^{3+}$ crystals when excited by a ruby laser. E. M. Zolotarev, A. M. Prokhorov, G. P. Shipilov. *Zhur. eksp. i teor. fiz.* 49 no. 3:720-723 S '65.

Study of the induced radiation from $\text{CaF}_2 \cdot \text{Nd}^{3+}$ (type II) crystals at room temperature. I. K. Voronko and others. *Fiz. tver. tela, eksp. i teor. fiz.* 1 no. 2:3-7 Ap '65.

CALCIUM HYDROXIDE

Bactericidal action of the ash of herbaceous plants treated with calcium hydroxide. A. A. Pollakov, A. P. Nifanov. *Trudy VNIIVS* 24:25-30 '64.

CALCIUM HYPOCHLORITE—TOXICOLOGY

Chemical composition of the vegetative forms and spore of *Bacillus anthracis* subjected to the action of a hydrochloric acid solution of iodine monochloride, solution of iodine and calcium hypochlorite. G. M. Bosh'yan. *Trudy VNIIVS* 24:179-183 '64.

Disinfection of soil contaminated with the pathogens of Tifo-Flexner's dysentery. A. K. Starkova. *Trudy VNIIVS* 24:272-273 '64.

Disinfection of soil with a solution of calcium hypochlorite. A. A. Pollakov. *Trudy VNIIVS* 24:242-251 '64.

Disinfection of soil with dry calcium hypochlorite. A. A. Pollakov. *Trudy VNIIVS* 24:262-271 '64.

Preservation of chlorine in the solution of calcium hypochlorite and its bactericidal properties. A. A. Pollakov. *Trudy VNIIVS* 24:210-214 '64.

CALCIUM ISOTOPIES—DECAY

Attempt to detect double β-decay in Ca^{40} . V. R. Lazarenko, S. I. Lukhanov. *Zhur. eksp. i teor. fiz.* 49 no. 3:751-754 S '65.

CALCIUM SILICATE CRYSTALS

Crystalline structure and hydration properties of tricalcium silicate and alite. I. U. M. Butt, V. V. Timashev, V. I. Kausheva. *Izv. vuz. ucheb. zav., khim. i khim. tekhn.* 8 no. 1:153-158 '65.

CALCIUM SILICATES

Interaction between sodium aluminate and diacid silicate. P. I. Khazanova, S. A. Skakheva, G. V. Kuz'mina. *Zhur. prikl. khim.* 38 no. 6:1481-1483 Je '65.

CALCIUM SULFATE

Effect of the preliminary action of magnetic field on the crystallization of calcium sulfate from aqueous solutions containing iron sulfate. A. N. Kirgintsev, V. M. Sokolov. *Koll. zhur.* 27 no. 5:707-701 S-O '65.

CALCULATING MACHINES

Labor-consuming character of the search for and correction of errors in calculations. V. N. Gorkov. *Vych. i org. tekhn. v stroit. i proekt.* no. 2:55-66 '64.

Method of preparing engineering calculations for mechanized execution. V. Gorkov, M. Grinberg. *Vych. i org. tekhn. v stroit. i proekt.* no. 1:62-73 '64.

CALCULI

Classification of stanolithiasis. N. F. Pashchenykh. *Probl. chol. i lit. khir.* no. 1:151-152 '65.

Clinical aspects and diagnosis of stanolithiasis. N. F. Pashchenykh. *Probl. chol. i lit. khir.* no. 1:153-156 '65.

Errors in the diagnosis of stanolithiasis. V. F. Kamashina. *Probl. chol. i lit. khir.* no. 1:133-137 '65.

Stanolithiasis in the diagnosis and treatment of stanolithiasis. N. F. Pashchenykh. *Probl. chol. i lit. khir.* no. 1:148-150 '65.

CALCULI, BILIARY

Ineffectiveness of ambulatory treatment of cholelithiasis patients at Zhelezovodsk Health Resort. I. O. Achkasova and others. *Spor. nauch. rab. vrach. nat.-kur. uchi. profsotuzov* no. 1:121-125 '64.

CALCULI, URINARY

Calculation of the incidence of a bilateral gigantic nephrolithiasis of 30 years duration. A. I. Afanasyev, F. A. Smolkin. Urologiya 29 no. 5 51 My-Je '64

Isotope cinematography using ^{131}I -labelled hippuran and ^{131}I -labelled cardiorast in urolithiasis. V. Kh. Frenkel', M. V. Frenkel'. Med. rad. 10 no. 9 39-42 S '65

Optical polarization method of studying urinary calculi. I. S. Kholpakov. Lab. delo no. 10 578-584 '65

CALCULUS, OPERATIONAL

Application of operational calculus in rail design. G. V. Mostalenko. Trudy KHIT no. 71-49-59 '65

CALCULUS OF PREDICATES

Classes of a forms closed relative to given reduced predicates and powers. Zh. A. Almagambetov. Alg. i log. 4 no. 3 71-77 '65

CALCULUS OF VARIATIONS

General variation principle in the mechanics of continuum and its application. M. I. Reizman. Stoi. mekh. i mash. 7 no. 5 9-12 '65

CALIBRATION

Errors in individual calibration of chromium-methyl and copper-methyl thermopiles. B. K. Bragin, N. G. Pajshchik. Izv. vuzov no. 9 21-22 S '65

CALIFORNIA—BIG BUSINESS

The magnates of California. I. Beglov. Mezhdunar. zhizn' 12 no. 11 37-47 N '65

CALIFORNIA CURRENT

Seasonal changes in the hydrologic structure and hydrologic characteristics of the Kuroshio and California Current. I. V. Mavrov. Trudy GOIN no. 84 225-242 '65

CALLUS (BOTANY)

Differentiation of specialized carrot cells and the characteristics of callus growth. A. N. Danilina, E. V. Lusa, R. G. Butenko. Fiziol. rast. 12 no. 3 469-478 My-Je '65

CALORIMETERS

Microcalorimeter for studying the kinetics of chemical reactions. O. S. Galik and others. Zhur. fiz. khim. 39 no. 9 2319-2322 S '65

CALVES—DISEASES AND PESTS

Raising healthy young stock. Inform. bul. VDNKH no. 3 21-25 Mr '65

CAMP SITES, FACILITIES, ETC see subdivision under Leningrad, Zerkal'noye Lake region (Leningrad Province)

CAMPODEIDAE

Campodeidae (Diplura) of southeastern Europe. Jozef Rusek. Zool. zhur. 44 no. 9 1345-1357 '65

CAMPS see subdivision under Moscow region

CAMS

Determining the pressure angles of cams. G. G. Shaurman. Izv. vuzov. ucheb. zav. mashinost. no. 8 31-35 '65

Using standard tables and diagrams in calculating the kinematics of cam mechanisms. D. M. Urin. Vest. mashinost. 45 no. 7 32-35 Ji '65

CANADA—UKRAINIANS

Ukrains'kyi holos. [jubilee almanac for the occasion of the 50th anniversary of "Ukrains'kyi holos," 1910-1960] Juvitelnyy al'manakh dlia vidnichenia 50-letia pratsi "Ukrains'koho holosu," 1910-1960 Winnipeg, Tryzub [1960] 288 p

CANALS

(see also Kara Kum Canal; Panama Canal)

Study and control of waves in navigable canals by the use of analog computers. A. M. Vlasovets. Trudy LIT no. 54 23-36 '64

CANCER

Artificial heterogenization of malignant tumors as the second principle of the immunological treatment of tumors. G. I. A. Svet-Moldavskii, V. P. Gamburg. Biol. eksp. biol. i med. 60 no. 8 85-88 S '65

Casultices of the combination of various malignant tumors. A. F. Ushakov. Nauch. trudy Riaz. med. inst. 11:88-89 '60

Effect of chemotherapeutic preparations combined with the extract of Eleutherococcus senticosus on the formation and development of metastases of an SSK tumor. E. V. Tsyrlina. Vop. onk. 11 no. 10 70-77 '65

Fever in patients with cancer. N. V. Dmitrieva. Nauch. trudy Riaz. med. inst. 11:251-255 '60

Histopathology of the trunk of the vagus nerve and the nerve ends in a cancerous tumor. N. A. Marandov. Nauch. trudy Riaz. med. inst. 11:346-357 '60

Malignant neoplasms in children. R. P. Naumkina, I. I. Ivdeev. Nauch. trudy Riaz. med. inst. 11:247-260 '60

Some aspects of the chemism and metabolism of leukoses and cancer cells. I. F. Sette. Vest. AMN SSSR no. 4: 10-22 '65

Some controversial questions in the biochemistry of tumors. V. S. Shapov. Vest. AMN SSSR no. 1 22-26 '65

Syndrom of hypercoagulability in malignant tumors of different organs. A. P. Kalinin, M. I. Balashov. Vop. onk. 11 no. 10 111-120 '65

Tissular nature of the so-called alveolar sarcoma of soft tissues. V. G. Rukavishnikova. Vop. onk. 11 no. 10 52-58 '65

Unique localizations of cancer simulating tortle aneurysms. G. A. Dashatants. Nauch. trudy Riaz. med. inst. 11:358-360 '60

Use of a scintillating transmitter with a set of fittings in the diagnosis of some malignant neoplasms. F. P. Khripitsa. Med. rad. 10 no. 9 85-89 S '65

CANCER—DIAGNOSIS

Cytologic diagnosis of some types of tumors of cartilaginous tissue. A. S. Petrova. Arkh. pat. 27 no. 8 25-31 '65

Errors and difficulties of diagnosing malignant neoplasms. P. Z. Kotlarchuk. Nauch. trudy Riaz. med. inst. 11: 333-338 '60

CANCER—EXCISION

Study and surgical treatment of cancer of the principal localizations. I. L. Matusev. Nauch. trudy Riaz. med. inst. 11:3-8 '60

CANCER—MORTALITY

(see also subdivision under Ryazan Province) Seasonal variations of mortality from cancer. B. M. Golubechkova. Vop. onk. 11 no. 10 49-51 '65

CANCER—PREVENTION

Shabad, L. M. [Prevention of cancer] Priduprezhdenie raka, Moskva, Meditsina, 1965, 51 p. (Nauchno-populiarnaya meditsinskaya literatura) (DNLM)

CANCER—TRANSPLANTATION

Changes in the immunobiological properties of Ehrlich ascites carcinoma under the effect of a suspension of normal tissues of rats. Report No. 1. Heterotransplantation of Ehrlich ascites carcinoma. D. K. Novikov. TSitologiya 7 no. 3 420-423 My-Je '65

Changes in the immunobiological properties of Ehrlich ascites carcinoma under the effect of a suspension of normal tissues of rats. Report No. 2. Modification of the antigenic structure of a tumor demonstrated by the phenomenon of immunological stimulation of growth. D. K. Novikov. TSitologiya 7 no. 3 423-427 My-Je '65

Growth of an implanted malignant neoplasm in white mice during fasting. V. F. Lapina. Nauch. trudy Riaz. med. inst. 11:339-345 '60

Growth stimulation of sarcoma-45 induced by a preliminary injection of the tumor tissue treated with Isonin 3. E. Menceviciute-Ertingiene. Vop. onk. 11 no. 10 81-84 '65

Transplantation of an osteogenic rabbit sarcoma into different tissues and organs. A. F. Kondrat'eva, R. A. Melnikov. Vop. onk. 11 no. 10 63-69 '65

CANCER CELLS

Cell mechanisms of chemical carcinogenesis. I. U. M. Vasil'ev, V. I. Goltshstein. TSitologiya 7 no. 3 302-311 My-Je '65

Changes in the intensity of adhesion between cells in the series normal liver - solid hepatoma - ascitic hepatoma. A. G. Malenkov, E. V. Sitamm. TSitologiya 7 no. 3 414-416 My-Je '65

Changes in tumor cell populations caused by cloning. I. U. B. Vakhin and others. TSitologiya 7 no. 3 393-400 My-Je '65

Comparative cytophotomicrochemical study of the response of normal and neoplastic cells to the action of various metabolic inhibitors. M. S. Shudol'. TSitologiya 7 no. 3 377-386 My-Je '65

Radioautographic study of the cell life cycles in solid tumors; the G₀ phase in the cells of hepatoma and mammary tumors. O. S. Frankfort. TSitologiya no. 3: 386-393 My-Je '65

Reversible changes of cell resistance to the lytic action of trypsin. E. A. Modjanova, I. U. M. Vasil'ev. TSitologiya 7 no. 3 410-414 My-Je '65

CANCER CELLS—PERMEABILITY

Mechanism of the "leakage" of enzymes through the outer membrane of tumor cells. S. A. Neifakh, I. M. Vasillets. TSitologiya 7 no. 3 347-356 My-Je '65

CANCER RESEARCH

Effect of antiserum to the growth hormones on Crocker's sarcoma. A. F. Lazarev, V. K. Izotov. Biol. eksp. biol. i med. 60 no. 9 99-101 S '66

Effect of the ascitic fluid on the adhesion of ascitic tumor cells and L-fibroblasts to glass. I. U. A. Rovenskii, V. M. Bukhman. Biol. eksp. biol. i med. 60 no. 9 95-98 S '65

Histological analysis of rat rhabdomyosarcomas produced by implantation of cells after their malignant degeneration in vitro. I. N. Shvemberger, I. U. B. Vakhin. Arkh. pat. 27 no. 8 40-55 '65

Professor L. Shabad on the problems of the fight against cancer: an interview. Nov. vrem. 23 no. 44 18 O '65

Significance of biochemical properties of the nuclear apparatus of the tumor cell in the pathogenesis of cancer. I. B. Zbarskii. Vest. AMN SSSR no. 4: 3-10 '65

Study and surgical treatment of cancer of the principal localizations. I. L. Matusev. Nauch. trudy Riaz. med. inst. 11:3-8 '60

Ultrastructure of the transplanted hepatoma of a rat. Report No. 1. Electron microscopical study of the hepatoma 72 and 16. I. I. Pytkovskiy, V. M. Brudskiy. TSitologiya 7 no. 3 17-27 My-Je '65

CANDIDA (FUNGUS)

Structure of hyphae from Candida pseudotropicalis. I. I. Likhov, G. A. Vitovskaya. Mikrobiologiya 10 no. 5 911-913 O '65

CANDIDA (FUNGUS)—CULTURES AND CULTURE MEDIA

Fluorescent formation in some species of yeast of the genus Candida. I. P. Strigovskikh. Mikrobiologiya 14 no. 1 61-62 Ji '66

Inoculation of Candida utilis and Candida tropicalis yeasts and its relation to flotation. M. I. A. I. I. I. I. G. M. Petukhov, G. P. Novikova. Mikrobiologiya 14 no. 5 910-913 O '65

CANNED FISH see Fish, Canned

CANNED VEGETABLES see Vegetables, Canned

CANNERY WORKERS see subdivision under Factory

CANNING AND PRESERVING—EQUIPMENT AND SUPPLIES

Apparatus for determining the effect of vacuum on the destruction of vitamins C and carotene in food products. I. I. Gordon, R. A. Kinkalina. Koms. i ov. prom. 20 no. 7 10-11 Ji '65

Cooking of apple and cherry preserves in vacuum apparatus. M. A. Kuznetsov, V. V. Dvornikov. Koms. i ov. prom. 20 no. 10 22-23 O '65

CANNING INDUSTRY see subdivision under Krasnodar Territory, Podolian Economic region; Ukraine

CANNING INDUSTRY—EQUIPMENT AND SUPPLIES

Machines for canning and packing soft bottled raw products. I. V. Ruban, A. P. Balashov. Koms. i ov. prom. 20 no. 10 7-10 O '65

Machines for cutting vegetable and root crops. G. S. Gromovskii. Koms. i ov. prom. 20 no. 10 11-14 O '65

CANNING INDUSTRY—MANAGEMENT see subdivision under Uzbekistan

CANNING INDUSTRY—QUALITY CONTROL

Flow sheet for the chemical and technical control of the production of canned green peas and sweet peas. V. V. Kuznetsova. Koms. i ov. prom. 20 no. 7 13-14 Ji '65

CANNING INDUSTRY—RESEARCH

Speed up and expand the introduction in the production of completed research work. V. I. Rogachev. Koms. i ov. prom. 20 no. 7 14-15 Ji '65

CAPERCAINILL

(see also subdivision under Amur Province)

Geographical variation of capercainill. N. B. Doronin. Ontologiya no. 7 410-445 '65

CAPILLARIES—PERMEABILITY

Capillary permeability and vitamin P deficiency in the rat. N. S. Kolesnik. Radiologiya no. 9 23-26 '65

Effect of a leukocyte mass and its ingredients on the permeability of vessels. P. N. Derbenev. Genet. i pered. 13 11-43 '65

Use of lead collimator for the examination of the permeability of skin lymphatic capillaries by means of ^{131}I -labeled albumin. V. N. Likhonov. Med. rad. 10 no. 9 83-84 O '65

CAPILLARITY

Capillary equilibrium in porous media. Report No. 2. Solution of equations. V. S. Markin. Izv. AN SSSR Tekhn. 10 17 41-1751 '65

Capillary equilibrium in real porous media. M. A. Bukhtin. Koll. zhur. 27 no. 5 661-687 '65

Disjoining pressure and equilibrium of free films. I. I. Derzhin, R. V. Gutop. Koll. zhur. 27 no. 5 671-685 O '65

CAPITAL

(see also subdivision under Kazakhstan)

Economic nature and turnover of working capital. I. I. Likhachev. Vest. Mous. univ. Ser. 8: Ekonom. 1 no. 5 14-26 S-O '65

Production between productive and nonproductive accumulation. P. Mulyshov. Vop. ekon. no. 6 46 S-O '65

CAPITAL INVESTMENTS

Accounting for joint capital investments in fixed assets. A. Vinn. Plan. khoz. 42 no. 11 80-93 N '65

Current problems of planning for capital construction. A. Elmekdzhan. Plan. khoz. 42 no. 11 16-27 N '65

Determining the economic efficiency of capital investments and new equipment. Vop. ekon. no. 6 113-114 Je '65

Efficiency of capital investments and optimal capital. P. Shlim. Nar. khoz. Kazakh. 23 no. 10 19-23 O '65

CAPITALISM

Koplov, M. M. [Status of the laboring classes in capitalist countries, a lecture] Polozheniye rabochego klassa v kapitalisticheskikh stranakh, lektsiya. Moskva, Mysl', 1965. 78 p.
(CS1-II)

Problems of the reproduction of the means of production in the developing countries and the crisis of the structure of world capitalist economy. RU, Olshevich, M. I. ekon. i prazhdunar. otz. no 11 73-81 '65.

Western Europe and modern capitalism. M. I. ekon. i prazhdunar. otz. no 11 27-40 '65.

CAR COUPLINGS—MAINTENANCE AND REPAIR

Meshechitskiy, M. D. [Maintenance and repair of automotive couplings] Remont avtomobil. Moskva, Transport, 1965. 198 p.

Russia (1923- U S S R) Ministerstvo putei soobshcheniya. [Instructions on the maintenance and repair of the automatic coupling systems for railroad rolling stock, superseding Instruction No 244027-50] Instruktsiya po remontu i otdel'nykh avtomobilnykh ustroystv podvuzhnogo sostava zheleznichnykh dorog, vzamen Instruktsii No 244027-50. Moskva, Transport, 1965. 106 p.

CARBAMIC ACID

Rapid method for the determination of silver by anodic amperometric titration with sodium diethyldithiocarbamate in an ammoniacal medium. V. I. Lohareva. Zhur. anal. khim. 20 no 8:790-792 '65.

Synthesis of poly- β -hydroxyvinyl-N-alkyl and poly- β -hydroxyvinyl-N,N-dialkyl carbamates. V. D. Neimirovskiy and others. Vysokomol. soed. 7 no 6:1580-1581 S '65.

CARBAMIC ACID—TOXICOLOGY

Use of Fluch in controlling the bacterial blight of cotton. N. K. Klapasova. Trudy VIZR im. 20 pt. 1 10-11 '64.

CARBANILIC ACID

Interaction of plants and herbicides. M. I. A. Beresovskiy. Khim. v sel. khoz. 3 no 9 10-47 S '65.

CARBAZOLE

Production and properties of carbazole-phenol-formaldehyde resins. I. G. Novikov, T. I. Akosnova, A. M. Belikova. Khim. i tekhn. no 9:39-42 '65.

CARBIDES

Classification of carbides. G. V. Samsonov. Porosh. met. 5 no 1:95-106 Ja '65.

Diffusion bonding in vacuum of metalloid carbides with high-melting metals. A. I. Burykina, O. V. Evtushenko. Porosh. met. 5 no 1:87-88 Ja '65.

CARBODIIMIDE

Reaction of aminocyclized transfer RNA with polyacrylic acid in the presence of water-soluble carbodiimide. D. G. Lerner, I. P. Naumova, L. S. Sandakhibov. Biokhimiya 30 no 5:919-1998 S-O '65.

CARBOHYDRATE METABOLISM

Carbohydrate and lignin content per cell in grape shoots. O. P. Rabinchun. Fiziol. inst. 12 no 7:479-488 My-Je '65.

Characteristics of carbohydrate metabolism in healthy potato plants and in potato plants with rugose mosaic under the influence of gibberellins. L. K. Zherubchuk. Mikrobiol. zhur. 27 no 5:15-49 '65.

Effect of selenium on the carbohydrate metabolism in rabbits. P. I. A. Beranishvili, V. I. Gidaniovich. Vestnik AN SSSR, Ser. sel'hoz. nauk. no 2:125-130 '65.

Some controversial questions in the biochemistry of tumors. V. S. Shaput. Vestnik AN SSSR no 4:22-28 '65.

Substrates of anaerobic metabolism of carbohydrates in human blood platelets. N. B. Cherniak, R. I. Lapina. Vopr. med. khim. 11 no 1 60-66 Ja-I '65.

CARBON

Formation of the grain structure of pyrolytic carbon. K. I. Syakov and others. Koks i khim. no 3:34-37 '65.

Significance of carbon source in the medium in determining Azotobacter in saline soils of Moldavia. N. M. Holobok. Mikrobiologiya 34 no 5:866-870 S-O '65.

CARBON—ANALYSIS

Use of a flame-ionization detector for determining carbon in metals. O. A. Sukhorukov, N. T. Ivanova. Zav. lab. 31 no 9:1070 '65.

CARBON, ACTIVATED

Effect of inorganic additions on carbon oxidation process. E. N. Tulinkov, I. A. Kuzin, T. G. Plachenov. Izv. vuz. ucheb. zav., khim. i tekhn. 11 no 3:418-420 '65.

Absorption of monovalent thallium by means of oxidized coal. V. G. Kovyreshin, V. D. Ponomarev, R. A. Koz'min. Zhur. prikl. khim. 38 no 6:1230-1235 Ja '65.

CARBON BLACK

(see also subdivision under Kadiyevka, Ukraine)
Effect of the graphitizing of channel black on the adsorption of polystyrene. D. K. Bogacheva, A. V. Kiselev, I. A. El'tekov. Koll. zhur. 27 no 5:856-860 S-O '65.

Use of the cold-chemical materials from coking in the manufacture of carbon black. B. S. Gurevich and others. Koks i khim. no 8 49-51 '65.

Using the combination method for the testing of carbon black. N. N. Lezhnev and others. Kauch. i rez. 21 no 9-16-20 '65.

CARBON CHLORIDES

Radicalysis of some unsaturated carbon chlorides. N. S. Rebovskiy, L. M. Kogan, A. A. Nikolaeva. Vestnik Mosk. univ. Ser. 2, Khim. 20 no 1 12-13 Ji-Ag '65.

CARBON COMPOUNDS

Effect of aeration on the growth of Azotobacter vinelandii on various carbon compounds. I. A. Kimmel', K. N. Gribninskiy. Mikrobiologiya 34 no 5:763-767 S-O '65.

CARBON DIOXIDE

Electronic state of catalysts in adsorption and catalysis. Part 3: Mechanism of hydrogenation of carbon dioxide on a nickel catalyst. G. M. Kozub, M. T. Rusaf, V. M. Vlasenko. Kinet. i kat. 6 no 3:556-558 My-Je '65.

CARBON DISULFIDE

Production of carbon disulfide from methane and sulfur in the high-temperature zone. III. P. Kuznetsov, V. M. Loharev, M. G. Vilesov. Khim. volok. no 5:38-41 '65.

Recovery of carbon disulfide during the formation of rayon cord on PI-300-I machines. V. K. Lezhnev, A. T. Serkov. Khim. volok. no 5:45-48 '65.

Studying the dynamics of carbon disulfide and hydrogen sulfide sorption from concentrated mixtures. G. M. Belotserkovskiy, R. M. Levit. Khim. volok. no 5:42-45 '65.

CARBON ELECTRODES see Electrodes, Carbon

CARBON ISOTOPES—PHYSIOLOGICAL EFFECT

Contamination of fishes by radioactive carbon. G. V. Fedorova. Ryb. khoz. 41 no 8:17-19 '65.

CARBON MONOXIDE

Oxidation of carbon monoxide in a silent electric discharge. I. A. Samokhin, I. P. Andreev, G. M. Panchenkov. Zhur. fiz. khim. 39 no 9:2245-2251 S '65.

CARBON MONOXIDE—PHYSIOLOGICAL EFFECT

Effect of protective substances on the survival and change in the internal organs of mice with different radiosensitivity, subjected to X-ray irradiation, effect of carbon monoxide. N. I. Nuzhina, I. A. Mechaev. Trudy Inst. gen. no 32 206-222 '65.

CARBON OXIDES

Analysis of the experimental ontology of activation of the processes of hydrogenation of carbon oxides on a nickel catalyst. G. I. Golodets, V. M. Vlasenko, G. E. Iluzefovich. Dokl. AN SSSR 164 no 4:839-841 O '65.

CARBON TETRACHLORIDE

Complex formation in nonaqueous solvents. Part 1: Acetic acid distribution between water and carbon tetrachloride. A. A. Chukharskiy, B. P. Nikol'skiy, B. A. Mikhailov. Radiokhimiya 7 no 5 572-575 '65.

Equilibrium between liquid and vapor in the systems benzene-butyl acetate and carbon tetrachloride-butyl acetate. I. N. Bushmakina, B. Baldangin, P. A. Molodtsov. Zhur. prikl. khim. 38 no 6:1417-1419 Ja '65.

Kinetics of ethylene polymerization by carbon tetrachloride. B. A. Englin, R. G. Fridlind. Zhur. fiz. khim. 39 no 9:2208-2214 S '65.

CARBONATES

Electric conductivity and pH of the equilibrium of carbonate-bicarbonate electrolytes. I. U. F. Bulachenko and others. Elektrokimiya 1 no 7:874-876 Ji '65.

CARBONIC ACID

Properties of polycarbonate fibers. I. G. Vedernikova. Khim. volok. no 5:48-50 '65.

CARBONYL COMPOUNDS

Structure of hydrazones formed from β -dicarbonyl compounds by means of azo-coupling reaction. V. N. Drozd, V. I. Shetchenko, V. N. Postnov. Izv. AN SSSR, Ser. khim. no 10:1858-1861 '65.

Synthesis and properties of π -allylcarbonyl complexes of iron. A. N. Nesmetanov, I. I. Kritskaya, E. I. Fedin. Dokl. AN SSSR 164 no 5:1058-1061 O '65.

CARBONYLS

Effect of the temperature of formation of metallic cobalt on its reaction capacity in the process of carbonyl formation. V. I. Gankin and others. Khim. i tekhn. topl. i masel 10 no 10:11-14 O '65.

Polymerization of butadiene by catalysts based on carbonyl metals of group VI of the periodic system of elements. B. D. Dobitskiy, V. A. Kormer, I. M. Lapuk. Dokl. AN SSSR 165 no 1:95-98 N '65.

CARBORANES

Cleavage of phenylborane by hydrazine into a phenyl-nodicyanoborane anion. L. I. Zakharkin, V. N. Kulshin. Zhur. ob. khim. 35 no 9:1691-1692 S '65.

Effect of a carborene ring on the properties of some C-derivatives of the carborene (2,10) series. T. V. Potapova and others. Zhur. neorg. khim. 10 no 9 2086-2083 S '65.

Electron-acceptor character of the neoborene (neocarborene) system. L. I. Zakharkin, A. I. L'vov, L. S. Podvosokina. Izv. AN SSSR Ser. khim. no 10:1905-1907 '65.

Synthesis of borene and neoborene amines. L. I. Zakharkin, V. N. Kulshin. Zhur. ob. khim. 35 no 10 1882-1881 O '65.

CARBOXYL GROUP

Content and distribution of sulphydryl and α -acylamide-carboxyl groups in regenerating structures under the influence of hormones. A. I. Hukhomenko. Dokl. AN SSSR 164 no 1 845-848 O '65.

Relation between the degree of cross-linking of urethane polymers and carboxyl group content of the initial polyesters. L. A. Rappoport, N. P. Apukhtina, L. V. Moshukhina. Kauch. i rez. 24 no 8:2-5 '65.

CARCINOGENESIS

Intracellular lipoprotein membranes and carcinogenesis. A. A. Zhadzhilov. Usp. sov. biol. 60 no 2:215-237 S-O '65.

CARCINOGENESIS—CONGRESSES

Symposium on mechanisms of carcinogenesis. [Mechanisms of carcinogenesis; transactions...]. Pod obshch. red. i predistavlen. L. M. Shabad. Moskva, Meditsina, 1965. 238 p.
(DNLM)

CARCINOGENS

Histogenesis of anaplastic tumors induced in rats by nitrosamines. I. N. Shvemberger. Tsitollogiya 7 no 3: 355-372 My-Je '65.

Study of the specific antigens of hepatomas induced in rats by N-nitrosodimethylamine. V. A. Fil', I. N. Shvemberger, V. A. Ivanov. Tsitollogiya 7 no 3 416-420 My-Je '65.

CARD SYSTEM IN BUSINESS

Bring order to the keeping of instruction materials. L. Kurzin. Bukh. uch. 22 no 9:47-52 S '65.

CARDBOARD see Paperboard

CARDIA—CANCER

Diagnosis of cancer of the esophagus and the cardia. N. A. Marandov. Nuch. trudy Riaz. med. inst. 11: 125-134 '60.

Pechatnikova, E. A. [Current problems of the surgical treatment of cancer of the cardiac region of the stomach] Aktual'nye voprosy khirurgicheskogo lecheniya i kak kardial'nogo otdela zheludka. Moskva, Meditsina, 1965. 162 p.
(DNLM)

CARDIA—SURGERY

Pechatnikova, E. A. [Current problems of the surgical treatment of cancer of the cardiac region of the stomach] Aktual'nye voprosy khirurgicheskogo lecheniya i kak kardial'nogo otdela zheludka. Moskva, Meditsina, 1965. 162 p.
(DNLM)

CARDIAC CATHETERIZATION

X-ray and hemodynamic comparisons in mitral defects. P. A. Grigorian. Zhur. eksp. i klin. med. 2 no 5:137-44 '62.

CARDIAC GLYCOSIDES

(see also subdivision under Uzbekistan)

Brief outline of the history of the study of cardiac glycosides. N. S. Kel'ginsheva. Sbor. nauch. trud. TashGMI 22:384-392 '62.

Effect of the nervous system on the activity of cardiac glycosides. T. G. Sultanov. Sbor. nauch. trud. TashGMI 22:393-396 '62.

Pharmacological properties of the cardiac glycoside bovoside. A. M. A. Angara'ka, P. H. Bezruk, D. A. Tkachenko. Farmatsevt. zhur. 20 no 1:77-70 '65.

CARDIAC MASSAGE

Correlation of erythrocytes and plasma in the circulating blood during indirect cardiac massage. I. F. Dorevich. Biol. eksp. i med. 60 no 9:35-38 S '65.

CARDING MACHINES

Effect of fiber straightness and parallelism and setting parameters of the drafter on the drawing stresses. A. V. Tereshinov, I. S. Leont'eva. Tekst. prom. 25 no 10:14-18 O '65.

CARDIOLOGY

Achievements and problems of modern space cardiology. V. V. Parin, R. M. Beeskiy, O. G. Gagenko. Kardiologiya 10 no 3:3-11 '65.

Dobzhitskiy, Z. L. [Studies on synthetic electromechanocardiology] Ocherki sinteticheskoi elektromekhanokardiologii. Erevan, Atastan, 1965. 361 p.
(DNLM)

3972

CAST IRON—METALLURGY

- Automating the process of preparing cast iron with spherical graphite. E. A. Gattman, Lit. proizv. no. 9 11-13 S '65.
- Desulfurization of pig iron before steel smelting. V. P. Pogozulyi and others. Met. Ignored prom. no. 1 6-7 JI-Ag '65.
- Desulfurization of pig iron in a fast-revolving and continuous drum. G. A. Rebovov and others. Met. Ignored prom. no. 1 3-5 JI-Ag '65.
- Effect of temperature and pressure on magnesium assimilation by cast iron. V. I. Budaev. Lit. proizv. no. 9 0-11 S '65.
- Smelting of pig iron in a cupola furnace and alloying with titanium in the ladle. I. S. Konysh. Bliz. tekhn. inform. Gos. nauch. issl. inst. nauch. i tekhn. inform. 18 no. 9 3-1 S '65.
- Testing results and ways of improving a non-open-hearth plant for desulfurizing liquid cast iron by means of electrochemical stirring. K. D. Kononov, L. K. Kochnev, Mag. gidr., no. 3 139-144 '65.

CAST IRON—TESTING

- Causes for the decrease in the mechanical properties of cast iron at 150-250°. O. U. Kotsinskii, S. A. Shevchuk, E. Ch. Gini. Lit. proizv. no. 8 35-36 Ag '61.

CAST IRON—WELDING

- Electric welding of cast iron parts without preliminary heating. V. I. Alovitskiy. Toif. prom. 12 no. 7 35-36 '65.

CAST-IRON PIPE see Pipe, Cast-iron

CAST STONE see Stone, Cast

CAST STONE PIPE see Pipe, Cast stone

CASTOR BEAN see subdivision under Ukraine

CASTOR BEAN—DRYING

- Changes of some physiological and biochemical properties of castor plant seeds during their malting. V. M. Kopeikovsky, L. G. Nebelova. Izv. vuz. ucheb. zav. i. plishch. tekhn. no. 5 33-36 '65.
- Experience in the utilization of the chamber dryers of cotton processing plants for drying castor capsules and seeds. V. M. Kopeikovsky and others. Maslozh. prom. 31 no. 10 38-41 O '65.
- Studying the mechanism of the drying of castor plant fruits (anthracnose capsules). L. G. Nebelova. Maslozh. prom. 31 no. 10 6-9 O '65.

CASTOR BEAN—IRRIGATION

- Soil furrowing for the castor bean. V. A. Cheshko, R. I. Shchur. Zemledel. 27 no. 8 33-34 S '65.

CATALASE

- Changes in the quality of catalase of wheat seeds after their irradiation with X-rays. K. V. Ivanenko, Uch. zap. Kras. gos. ped. inst. 24 no. 6 20-23 '63.
- Correlation between phthalhydrazide resistance of acid-fast microbacteria and their catalase activity. V. M. Dolzhanskii. Prikl. tub. no. 7 67-72 '64.
- Effect of mouse serum and its fractions on the catalase activity of Mycobacterium tuberculosis. R. I. Shenderova. Probl. tub. no. 7 77-79 '64.
- Mechanism of the stimulating effect of chink on the glucose oxidase and catalase activity of Penicillium vitale. N. V. Pokrovskaya, O. V. Kisilakova, Mikrobiologiya 34 no. 5 703-705 S-O '65.

CATALOGS, UNION

- [Union list of new foreign books, received by the libraries of the U.S.S.R. Series A: Natural sciences, medicine, agriculture, technology.] Svod. bliz. nov. inostr. knig, postup. v bliz. SSSR Ser. A: Est. nauk, med., sel. khoz., tekhn. no. 3 '65.

CATALYSIS

- Activity of isomeric picolines, cresols, and xylenes in catalytic conversions with steam. L. I. Zamyshlavskaya, T. A. Slovtsova, A. A. Bulandin. Vest. Mosk. un. Ser. 2: Khim. 20 no. 4 30-41 JI-Ag '65.
- Analysis of the experimental entropy of activation of the processes of hydrogenation of carbon oxides on a nickel catalyst. G. I. Golodina, V. M. Vlasenko, G. E. Ilyefovich. Dokl. AN SSSR 164 no. 4 830-841 O '65.
- Catalytic activity and stability of vanadium complex compounds with organic acids. K. B. Iatimskii, V. I. Kallina. Izv. vuz. ucheb. zav., khim. i khim. tekhn. 8 no. 3 385-391 '65.
- Catalytic decomposition of alkyl hydroperoxides studied by means of electron paramagnetic resonance. M. K. Stetsenikova and others. Dokl. AN SSSR 164 no. 4: 868-871 O '65.
- Catalytic disintegration of certain oxygen-containing organic compounds on stainless steel. S. T. Korlov, G. D. Tanyayev, V. I. Talyzov. Zav. lab. 31 no. 9 113-114 '65.
- Catalytic properties of high-melting compounds and the principles governing the production of high-melting materials with predetermined catalytic properties. G. V. Samsonov. Khim. i kat. 6 no. 3 424-432 My-Je '65.

- Catalytic properties of praseodymium oxide in the reaction of dehydrogenation and dehydration of alcohols and dehydrogenation of toluene. A. A. Tolstolopova, I. U. Tsi-tsin' [U. Ch'i-ch'uan], L. S. Gershkova. Khim. i kat. 6 no. 3 466-470 My-Je '65.

- Catalytic reduction of some organic substances on rhodium. G. M. Grishina, G. P. Khomchenko, G. D. Vovchenko. Vest. Mosk. un. Ser. 2: Khim. 20 no. 4 4-5-69 JI-Ag '65.

- Catalytic synthesis of piperazine. A. A. Balandin and others. Dokl. AN SSSR 165 no. 1 89-102 N '65.
- Chemical inhomogeneity of the heterogeneous catalytic hydrogenation products of sodium polybutadiene. A. I. Iakubchik, B. I. Tikhomirov, L. N. Mikhailova. Vysokom. soed. 7 no. 9 1562-1564 S '65.

- Effect of arsenic and mercury on the course of catalytic and electrolytic reactions on ruthenium. T. N. Stofanovskaya, G. P. Khomchenko, G. D. Vovchenko. Vest. Mosk. un. Ser. 2: Khim. 20 no. 4 81-84 JI-Ag '65.

- Effect of nonstoichiometric sulfur on the activity of sulfide catalysts. K. A. Pavlova and others. Khim. i kat. 6 no. 3 403-408 My-Je '65.

- Effect of the vanishing of activity of platinum catalysts on silica gel for hydrogenation in diluted layers. Zh. V. Strel'nikova, V. P. Lebedev. Vest. Mosk. un. Ser. 2: Khim. 20 no. 4 9-9 JI-Ag '65.

- Kinetic method for determining microquantities of molybdenum. K. B. Iatimskii, A. P. Filippov. Zhur. anal. khim. 20 no. 8 815-819 '65.

- Kinetic method of studying dialkyl phosphate complexes of thorium and rare-earth elements. Z. A. Sheku, E. I. Sinavskaya. Radiokhimiya 7 no. 5 595-603 '65.
- Reactions of α -oxides. Part 7: Acid catalysis and autocatalysis in the reaction of ethylene oxide with amines. N. N. Lebedev, M. M. Smirnova. Khim. i kat. 6 no. 3 157-165 My-Je '65.

- Special features of catalytic polymerization of ethylene of the system $(C_2H_5)_2 TiCl_2 - Et_2AlCl$ and $(C_2H_5)_2 TiCl_2 - Et_3Al$ in an alkyl chloride medium. E. A. Ruzhman, V. I. Tsvetkova, N. M. Chirkov. Dokl. AN SSSR 164 no. 5 1085-1088 O '65.

- Synthesis and catalytic activity of isopropyl aluminum. N. N. Kornov, G. S. Shindlerman, L. I. Red'kina. Vysokom. soed. 7 no. 9 1604-1608 S '65.

- Work function of an electron of titanium dioxide and its solid solutions in the process of chemisorption and catalysis. I. S. Suzenova, N. P. Kefer. Khim. i kat. 6 no. 3 448-456 My-Je '65.

CATALYSTS

- Copolymerization of ethylene and propylene with the use of some organometallic catalysts. I. N. Andreeva and others. Plast. massy no. 10 4-8 '65.
- Hydrogenation of cottonseed oil on a stationary nickel-titanium catalyst. V. I. Shilafshov, D. V. Sokol'skii, I. G. Golodov. Maslozh. prom. 31 no. 10 10-13 O '65.

- Production of carbon disulfide from methane and sulfur in the high-temperature zone. I. U. P. Kuznetsov, V. M. Lekae, N. G. Vilesov. Khim. volok. no. 5 38-41 '65.

- Thermal stability of silicone elastomers obtained with acid and alkali catalysts. V. P. Davydova, Z. S. Lebedeva, A. V. Karlin. Kauch. i rez. 24 no. 8 6-8 '65.

- Use of electron paramagnetic resonance for studying catalysts. V. I. Alovitskiy, L. N. Gansk. Usp. khim. 34 no. 9 1616-1673 S '65.

CATARHUS

- Course and treatment of catarrhs of the upper respiratory tract and nonspecific pneumonia in children. D. L. Ryzhik, D. M. Vasserman. Sbor. nauch. trud. TashGMI 22 84-89 '62.
- Fluorescence of the mucous membrane in atrophic catarrh of the upper respiratory tract before and following hydrocortisone therapy from the mineral springs of Transbaikalia. S. S. Groshstein, S. I. Vasilkov. Nek. vop. khim. i kraev. pat. no. 3 88-89 '63.

CATATONIA

- Correlation of Kandinskii-Clerambault syndrome with the catatonic syndrome. S. A. Iaroslavskiy. Zhur. nev. i psikh. 65 no. 10 1533-1538 '65.

CATHEPSIN

- Specific action of chicken pepsin and new "acid" pig kidney cathepsin on protein substrates. T. P. Levechuk, M. I. Levint, V. N. Orlovich. Biokhimiya 30 no. 5: 986-992 S-O '65.

CATHODE RAY OSCILLOGRAPH

- Checking the state of galvanometers of the N-700 oscillograph. N. I. Kolosov. Energetik 13 no. 10 20-21 O '65.

CATHODES

- Detection using a virtual cathode. S. D. Gvozdozer. Radiotekh. i elektron. 10 no. 10 1824-1828 O '65.
- Heating of oxide coated cathodes in ionic devices using a discharge current. M. N. Uralova. Trudy MEI 55:227-238 '65.
- Pulsed electrical conductivity of a porous oxide coating of a cathode. B. I. A. Molzhes, I. N. Petrov, E. M. Sher. Radiotekh. i elektron. 10 no. 10 1845-1855 O '65.

CATHODIC PROTECTION

- New regulations for the protection of underground structures from corrosion. D. B. Lomazov. Elektrichestvo no. 9 79-81 S '65.

CATION-EXCHANGING COMPOUNDS see Base-exchanging compounds

CATIONS

- Absorbed cations and their relationship in the soils of the Araks zone. R. B. Mamedov. Izv. AN Azerb. SSR. Ser. biol. nauk no. 3 88-91 '65.
- Chromatographic separation of cations of the urine. G. I. Pokrovskaya, A. P. Tereshchenko, S. V. Chizhov. Vop. rad. khim. 11 no. 1 89-94 JI-P '65.

CATTLE see subdivision under Zhilkovich District

CATTLE—DISEASES AND PESTS

- Outbreak of the berlesia in cattle in fall. A. A. Fedorova. Veterinariya 42 no. 10 44 O '65.
- Rickettsial keratoconjunctivitis in cattle. A. F. Rusinov. Veterinariya 42 no. 10 20-31 O '65.

CATTLE—PARASITES see Parasites—Cattle

CATTLE—PHYSIOLOGY

- Bioclectrical activity of the cow's uterus during the sexual cycle. P. P. Dovitskiy. Dokl. Akad. sel'khoz. nauk no. 9 10-41 S '65.
- Composition and properties of the blood and bone marrow in cattle. A. A. Kudryavtsev and others. Veterinariya 42 no. 10 50-52 O '65.
- Interrelation of the physiological features and productivity in cattle. Report no. 2. S. A. Ailov. Vest. AN BSSR Ser. sel'khoz. nav. no. 3 90-93 '65.
- Relationship between the physiological features and productivity in cattle. S. A. Ailov. Vest. AN BSSR. Ser. sel'khoz. nav. no. 2 116-119 '65.

CATTLE—WATERING

- Watering livestock in rums. I. Bogdan. Tekhn. v sel'khoz. 25 no. 6 27-28 Jc '65.

CATTLE BREEDS see subdivision under Kazakhstan

CATTLE TRADE see subdivision under Virgin Territory

CAUCASUS—BLACK GROUSE

- Reproduction of the Caucasian black grouse *Lyrurus tokosiewiczii*. A. I. Khannamedov, F. A. Aslanbekova. Izv. AN Azerb. SSR Ser. biol. nauk no. 3 59-61 '65.

CAUCASUS—FOREST PROTECTION

- Use of herbicides for weed control in beech and fir forest stands. M. V. Shashkova. Khim. v les. khoz. no. 1 10-11 '64.

CAUCASUS—GEOLOGY

- Supposed relationship between crystalline formations of the core of the Caucasus meganticlinorium and the western part of the Tien Shan. V. I. A. Medvedev. Izv. vuz. ucheb. zav., geol. i razv. 6 no. 5 12-18 My '65.

CAUCASUS—GLACIERS

- Studying the snow cover, avalanches and glaciers of the Caucasus. V. M. Kotlikov. Izv. AN SSSR, Ser. geog. no. 5 153-155 S-O '65.

CAUCASUS—KARST

- Karst of the Caucasus as compared with karst in other mountain areas of the U.S.S.R. N. A. Gvozdet'skii. Soob. AN Gruz. SSR 30 no. 1 101-107 JI '65.

CAUCASUS—KINGLETS (BIRDS)

- Presence of firecrest (*Regulus ignicapillus* Temm.) in the Caucasus. L. S. Stepanian. Ornitologiya no. 7: 488-491 '65.

CAUCASUS—ORIBATIDAE

- Diagnosis of the species of the genus *Metabellus* Grunjean, 1936 (Oribatei, Damaeidae). E. M. Bulanova-Zakhvatkina. Zool. zhur. 44 no. 8 1333-1344 '65.

CAUCASUS—SLUGS (ZOOLOGY)

- Bioecological characteristics of the slug *Agriolimax agestis* gen. n. sp. n., the first troglodytic slug. S. I. Levashkin, P. V. Matekin. Biol. MOP, Otd. biol. 70 no. 3 35-46 My-Je '65.

CAUCASUS—SNOW

- Studying the snow cover, avalanches and glaciers of the Caucasus. V. M. Kotlikov. Izv. AN SSSR, Ser. geog. no. 5 153-155 S-O '65.

CAUCASUS—VESICARIA

- New habitat of *Vesicaria graeca* Reut., a species rarely met in the Caucasus. S. S. Kharkevich. Ukr. bot. zhur. 22 no. 5 89-93 '65.

CAUCASUS—VOLCANIC ASH, TUFF, ETC.

- Middle Paleozoic volcanic sedimentary formations in the piedmont trough of the Greater Caucasus. I. V. Krut'. Lit. i pol. inop. no. 3 18-31 My-Je '65.

- CAUCASUS—WAGTAILS**
Feeding of white-throated wagtails in the Caucasus. V. I. Orlin. *Ornithologia* no. 7:481 '65.
- CAUCASUS, NORTHERN—ASTRONOMY—OBSERVATIONS**
Observations of the stars in the northern Caucasus. V. P. Solov'ev. *Trudy GGO* no. 161:176-181 '65.
- CAUCASUS, NORTHERN—FOREST PROTECTION**
Chemical measures for seed control in the northwestern Caucasus. I. G. Korol'. *Khimiya v lesakh* no. 1:15-20 '64.
- CAUCASUS, NORTHERN—GAS, NATURAL—GEOLOGY**
Moscow. Institut geologii i razrabotki gornuchikh iskopayemykh. [Characteristics of the geological structure of oil and gas occurrences in Ciscaucasia and adjacent regions.] Osobennosti geologicheskogo stroeniya i neftegazonosti Predkavkaz'ia i sopredel'nykh rayonov. Moskva, Nauka, 1965. 174 p.
- CAUCASUS, NORTHERN—GEOLOGICAL TIME**
Age of the Karachay series (northern Caucasus). D. Z. Fizekhter. *Sov. geol.* 8 no. 8:116-151 Ag '65.
- CAUCASUS, NORTHERN—HEALTH RESORTS, WATERING PLACES, ETC**
For the health of millions. V. I. Kont'ev. *Sots obshch.* 26 no. 11:14-17 M '65.
- CAUCASUS, NORTHERN—LABOR AND LABORING CLASSES**
Formation of municipal proletarian centers in Northern Caucasus, 1861-1900. L. V. Kupriyanov. *Ist. SSSR* 6 no. 3:156-167 M '65.
- CAUCASUS, NORTHERN—LANDSCAPE ARCHITECTURE**
Landscape architectural methods for cities and rural populated places in the Northern Caucasus and lower Volga Valley. E. P. Bolchenko. *Sbor. nauch. trud. RAN VPKH* no. 2:76-84 '63.
- CAUCASUS, NORTHERN—METEOROLOGY**
Effect of meteorological processes of astrolimatic character in the region of the Northern Caucasus. V. V. Kozlovskiy. *Trudy GGO* no. 161:176-181 '65.
- CAUCASUS, NORTHERN—METEOROLOGY, AGRICULTURAL**
Evaluation of the conditions for moisture security and the formation of the crop of sunflower seeds in the Northern Caucasus. I. U. S. Mel'nik. *Trudy TSIP* no. 145:139-146 '65.
- CAUCASUS, NORTHERN—MOOSE**
Occurrence of moose in the Northern Caucasus. V. N. Aleksandrov, E. M. Slepov. *Zool. zhurn.* 44 no. 6:952 '65.
- CAUCASUS, NORTHERN—OIL INDUSTRIES**
Vegetable oil could be produced in much greater quantities. R. V. Samoilov, I. P. Kolp'ko. *Maslozhizprod.* 31 no. 10:1-2 O '65.
- CAUCASUS, NORTHERN—PETROLEUM GEOLOGY**
Moscow. Institut geologii i razrabotki gornuchikh iskopayemykh. [Characteristics of the geological structure of oil and gas occurrences in Ciscaucasia and adjacent regions.] Osobennosti geologicheskogo stroeniya i neftegazonosti Predkavkaz'ia i sopredel'nykh rayonov. Moskva, Nauka, 1965. 174 p.
- CAUCASUS, NORTHERN—POPLAR—DISEASE AND PEST RESISTANCE**
Resistance of poplars to wood borers. A. Poliakova. *Zashchita ot vreditel'ov* 10 no. 7:21-25 '65.
- CAUCASUS, NORTHERN—PRODUCE TRADE**
Purchasing agents are on the screen. K. Vinnik. *Zakup. sel'khoz prod.* no. 5:59 M '65.
- CAUCASUS, NORTHERN—RADIOISOTOPE LABORATORIES**
Gostishchev, V. S. [Work experience of the Base Isotope Laboratory of the North Caucasus Economic Council.] Opyt raboty bazovoi izotopnoi laboratorii Severo-Kavkazskogo SNKh. Moskva, Atomizdat, 1965. 54 p.
- CAUCASUS, NORTHERN—RIVERS—TEMPERATURE**
Water temperature of the rivers of the Kuban headwaters for the vegetation period. G. D. Chikvaldze. *Trudy Tbiln. gos. univ.* no. 15:156-160 '64.
- CAUCASUS, NORTHERN—ROCKS, IGNEOUS**
Volcanic sedimentary formation in the bottom of the sedimentary cover in the eastern part of the Scythian platform. A. I. A. Dubinskii, N. A. Matsenko. *Sov. geol.* 8 no. 8:151-157 Ag '65.
- CAUCASUS, NORTHERN—SUNFLOWER SEED**
Evaluation of the conditions for moisture security and the formation of the crop of sunflower seeds in the Northern Caucasus. I. U. S. Mel'nik. *Trudy TSIP* no. 145:139-146 '65.
- CAUCASUS, NORTHERN—VOLCANIC ASH, TUFF, ETC.**
Volcanic sedimentary formation in the bottom of the sedimentary cover in the eastern part of the Scythian platform. A. I. A. Dubinskii, N. A. Matsenko. *Sov. geol.* 8 no. 8:151-157 Ag '65.
- CAUCASUS, NORTHERN—WOOD BORERS**
Resistance of poplars to wood borers. A. Poliakova. *Zashchita ot vreditel'ov* 10 no. 7:21-25 '65.
- CAVERNOUS SINUS—DISEASES**
Neurological symptomatology of infectious thrombosis of the cavernous sinus. F. A. Monchak. *Trudy Vor. med. inst.* 51:62-65 '63.
- CAVES** see subdivision under Moldavia
- CAVITATION**
Cavitation resistance of steel. N. I. Pylyayev. *Teoriya i mashinostroyeniye* 11 no. 8:12 Ag '65.
Effect of the physical properties of a refrigerant on cavitation phenomena in pumps. A. B. Baranovskii. *Khok. tekhn.* 12 no. 3:10-51 S-O '65.
Resistance of some plastics and nonmetallic coatings to cavitation erosion. N. A. Petrov, S. P. Kozlov. *Trudy Un. druzh. nar.* 5:Str. 60, no. 1:79-91 '64.
Results of comparative operational tests of the 106 engines with the anticavitation reagent "Emulsoid KS." B. V. Vasil'ev. *Trudy LITV* no. 72:30-33 '64.
Studying the hydrodynamic characteristics of some local resistance during cavitation. A. L. Lomayev. *Trudy Kol. tekhn. inst. yb. p. 1 Khv.* no. 10:36-48 '63.
- CEBOLLITE—SPECTRA**
Use of infrared spectroscopy for the study of cebollite. R. S. Rubinsovich, N. Z. Fyzikova. *Uch. zap. NIIGA, Reg. geol. no. 3* 210-225 '64.
- CECUM—CANCLER**
Cancer of the cecum. V. E. Smirnov. *Nauch. trudy Riaz. med. inst.* 11:186-195 '60.
- CECUM—SURGERY**
Cancer of the cecum. V. E. Smirnov. *Nauch. trudy Riaz. med. inst.* 11:186-195 '60.
- CELESTIAL MECHANICS** see Mechanics, Celestial
- CELESTITE**
Inclusions of bitumens in the celestine crystals. V. V. Mogaravskii. *Ist. i. pol. iskop.* no. 3:124-125 M '65.
- CELL DIVISION (BIOLOGY)**
Some anomalies of mitotic cell division on the surface of a foreign body in the abdominal cavity. L. I. Gol'tsman. *Ark. pat.* 27 no. 8:72-74 '65.
- CELL METABOLISM**
Effect of inhibitors and activators of cell metabolism on the occurrence of chromosomal aberrations following single and fractional gamma irradiation of barley seeds. N. I. Nuzhdin, R. L. Dozortseva, N. S. Samokhvalova. *Trudy Inst. gen.* no. 32:4-17 '65.
Structural water and electron transport in a cell. A. F. Kalmanson, V. M. Chumakov, V. L. Troitsenko. *Dokl. AN SSSR* 164 no. 5:1167-1170 O '65.
- CELL NUCLEI**
Determining the intermediate stages of protein synthesis in the nuclei of *Drosophila salivary gland cells*. T. P. Platova. *TSitologiya* 7 no. 3:318-325 M '65.
Electron microscopic and cytochemical study of nuclear elements of *Bacillus cereus* at different stages of culture development. L. N. Kuts, I. B. Pavlova. *Mikrobiologiya* 34 no. 4:636-642 JI-Ag '65.
Inheritance of the resistance to ethyl alcohol in amoebae. V. A. Sopina, A. L. Iudin. *TSitologiya* 7 no. 3:334-340 M '65.
New data on the genetic interaction of nuclei in amoeba heterokaryons. L. V. Kallina. *TSitologiya* 7 no. 3:401-404 M '65.
Polarization spectra of fluorescence and phosphorescence based on emitting mitochondria and cell nuclei. S. V. Konev, V. P. Bobrovich. *Biophysika* 10 no. 5:813-816 '65.
Radiosensitivity of plants and the size of cell nuclei. R. M. Aleksakhin. *Priroda* 54 no. 2:116-118 F '66.
Study of the ultrastructural changes in the nuclear membrane during mitosis. K. S. Abramian, V. N. Reingold. *Dokl. AN SSSR* 165 no. 1:189-207 N '65.
- CELLS**
Cell structure seen through an electron microscope. Z. P. Pausheva. *Zemledelie* 27 no. 11:80-88 N '66.
Criminology of a living cell. P. Nikolaev. *NTO* 7 no. 10:22-25 O '65.
Localization of aromatic hydrocarbon 3,4-benzopyrene in cells. S. B. Petrikovich, M. N. Mel'son. *Dokl. AN SSSR* 165 no. 1:203-206 N '65.
Photooptical and electron microscopic study of the effect of enzymes on the bacterial cell. L. N. Kuts, I. B. Pavlova. *Mikrobiologiya* 34 no. 5:845-849 S-O '65.
- CELLS—PERMEABILITY**
Changes in the membrane permeability of fibroblast cells during the reproduction of viruses. B. I. Gakhov and others. *TSitologiya* 7 no. 1:56-58 M '65.
Molecular structure and permeability of mitochondria of the living cell. T. B. Kazanova. *Dop. akad. nauk.* no. 2:199-214 S-O '65.
- CELLULOSE**
Change in the chemical composition and morphology of structure of cellulose fibers in the process of larch wood delignification. A. B. Zakhlevy, N. G. Bicharskaya, I. A. Belozorova. *Zhurn. prikl. khim.* 18 no. 5:1430-1437 Je '65.
Changes in the structure and properties of methanolytically activated cellulose fibers during their storage. Z. I. Ikonova, N. A. Matveeva, O. M. Kulikov. *Zhurn. prikl. khim.* 38 no. 6:1360-1361 Je '65.
Determination of the changes in the degree of polymerization of wood pulp during the initial stages of delignification process using the direct titration of wood. I. P. Ikonova, N. K. Lyudsk. *Zhurn. prikl. khim.* 18 no. 6:1419-1419 Je '65.
Dynamics of lignin and cellulose in the process of wood delignification. E. M. Vasil'eva. *Trudy zap. kazansk. univ.* 24 no. 6:1-12 '64.
Effect of cellulose properties on the structural properties of viscose. V. P. Kiseleva, E. Z. Kiselevskaya. *Khimiya* 1 no. 5:29-32 '65.
Mechanism of cellulose oxidation by atmospheric oxygen in alkaline medium. New data on relation between physico-chemical structure of cellulose and rapidity of its degradation in the course of oxidation by atmospheric oxygen in alkaline medium. O. P. Golova and others. *Vysokom. mol.* 7 no. 9:1019-1025 S '65.
Phosphorylation of cellulose with dimethylphosphoryl chloride. A. D. Kiselev, N. A. Akumova, L. I. Loshakov. *Zhurn. prikl. khim.* 38 no. 6:1355-1360 Je '65.
Structure of the surface and ultra-thin sections of polysaccharide fibers. G. V. Nikonovskiy and others. *Trudy* 1 no. 5:51-60 '65.
Study of structural and rheological properties of water-soluble cellulose ethers in various degrees of polymerization. M. Kh. Huzumov, H. S. Bakhman, I. B. Ikonova. *Farmatsevt. zhurn.* 20 no. 1:26-28 '65.
- CELLULOSE COPOLYMERS**
Synthesis of graft copolymers of cellulose and polyacrylonitrile in the presence of the oxidation-reduction system cellulose - Fe²⁺ - H₂O₂. Part 2: Effect of the formation conditions on the polymerization coefficients of polyacrylonitrile and on the degree of conversion of cellulose. A. A. Gullina, R. M. Ivaldin, Z. A. Rogovin. *Vysokom. mol.* 7 no. 9:1520-1531 S '65.
Synthesis of graft copolymers of cellulose and polyacrylonitrile. A. A. Korotkova, Z. A. Rogovin. *Vysokom. mol.* 7 no. 9:1511-1515 S '65.
- CELLULOSE ESTERS**
Evaluating the surface-active properties of some cellulose and water-soluble cellulose esters. M. Kh. Huzumov, G. S. Bakhman. *Maslozhizprod.* 31 no. 7:20-22 JI '65.
- CELLULOSE ETHERS**
Synthesis of cellulose ether containing a double bond, and its polymer analog conversions. D. I. Shcherbakov, A. D. Vilenchik, Z. A. Rogovin. *Izv. vuzov. khim. i tekhn.* 8 no. 3:406-408 '65.
- CELLULOSE XANTHATES**
Saponification of cellulose xanthate in a homogeneous medium. D. N. Arkhangel'skiy and others. *Trudy* 1 no. 5:27-29 '65.
- CEMENT**
Evaluation of the crack resistance of cement mortars. V. V. Smol'nikov, R. E. Ilyayeva, A. A. Ikonova. *Izv. VNIIG* 76:81-76 '64.
New method of determining the activity of cement as a change in its marking. *Stroitel. mat.* 11 no. 10:40-41 '65.
New method of determining the activity (strength) of cements in nonplastic mortars and the new marking of cement. *Stroitel. mat.* 11 no. 10:11-12 O '65.
Phosphate raw material as alloying additive. V. M. Sychev, V. I. Kornecov. *TSement* 31 no. 3:27-29 '65.
Repair of hydrotechnical constructions by polymer concrete mortars. V. I. Sakharov. *Stroitel. mat.* 35 no. 5:22-24 Je '65.
- CEMENT—CORROSION** see subdivision under Bacteria
- CEMENT—TESTING**
New standard for testing cement. *TSement* 31 no. 3:27-29 '65.
- CEMENT—THERMAL PROPERTIES**
Characteristic values of the process of cement heat evolution. I. D. Zaporozhets. *Izv. VNIIG* 76:84-84 '64.
Speed of heat evolution depending on the hardening temperature of concrete. I. D. Zaporozhets, V. V. Kiselev. *Izv. VNIIG* 76:80-84 '64.

CEMENT—TRANSPORTATION

Overall mechanization of loading and unloading operations in combined cement transportation. I. U. Argutin, V. Gordenko, Avt. transport, 13 no. 10-11-12 O '65.

CEMENT CLINKERS

Effect of sodium and potassium oxides on the mineralogical composition of portland cement clinker. N. A. Torozov, F. A. Dobrovolski, Izv. AN SSSR, Noorg. mat., 1 no. 5:769-771 My '65.

Hydration of clinker with all minerals. A. P. Ivanovskii and others, Tsement 31 no. 5:10-11 S-O '65.

Nature of adhesion between basic refractories and portland cement clinkers. P. P. Budnikov, V. I. Shubin, V. I. Lepeshova, Zhur. prikl. khim., 38 no. 6:1193-1198 Ja '65.

Quality of clinkers has been improved. L. D. Sokolova, I. A. Lomovskii, I. I. Kashagashvili, Tsement 31 no. 5, 16-17 S-O '65.

Ways of improving the process of burning clinkers in kilns with slurry concentration. A. D. Silchenko, M. A. Mandukovich, Tsement 31 no. 5:15-16 S-O '65.

CEMENT CLINKERS—CRUSHING AND GRINDING

Identification of the process of milling clinkers with the aid of surface-active substances. V. I. Pivovarov, V. A. Akimov, Tsement 31 no. 5:18-19 S-O '65.

CEMENT INDUSTRIES

(see also subdivision under Ukraine)

Cement exceeding the plan. A. D. Tumanov, Tsement 31 no. 5:19 S-O '65.

Make full use of the reserves for production. Tsement, 31 no. 5:1-2 S-O '65.

CEMENT INDUSTRIES—ACCOUNTING

Comparing the indices of similar enterprises. I. D. Babin, Kuz. khoz. ka. zh., 23 no. 10:11-15 O '65.

CEMENT INDUSTRY WORKERS—EDUCATION AND TRAINING

All-Union school of advanced personnel. V. M. Kuznetsov, Tsement 31 no. 5:9 S-O '65.

CEMENT KILNS

Characteristics of the operation of kilns with slurry concentration. V. A. Pivovarov, A. E. Brovayn, Tsement 31 no. 5:11-12 S-O '65.

CEMENT PLANTS

Improving the effectiveness of dust removal in industrial processes. S. A. Gavrilov, A. I. Ovcharenko, Tsement 31 no. 5:5-6 S-O '65.

CEMENT PLANTS—DESIGN AND CONSTRUCTION

Apply industrial aesthetics of all cement plants. M. I. Rosenfeld, Tsement 31 no. 5:3-4 S-O '65.

CEMENTATION (METALLURGY)

Effect of exposure to light on the electrode potential of selenium and zinc in solutions acid solutions. I. U. N. Menzhalin, I. I. Ponomareva, Trudy Inst. met. i obog. AN Kazakh, 55R 12:85-86 '65.

Lithium cementation from alkali solutions. E. I. Shalavina, T. D. Gerasimova, Trudy Inst. met. i obog. AN Kazakh, 55R 12:52-57 '65.

Rhenium cementation from alkali solutions. K. B. Lebedev, T. D. Gerasimova, V. I. Vinokurova, Trudy Inst. met. i obog. AN Kazakh, 12:168-175 '65.

CEMENTITE

Exposure of the granular structure of cementite in white cast iron. I. U. N. Taras, V. I. Novik, Zav. lab., 31 no. 9: 1110-1111 '65.

CENSORSHIP

Kh. Abovian and the czarist censor ship. V. D. Kh. Kazarian, Izv. AN Arm. SSR, Obshchestv. nauki, no. 9:48-62 '65.

CENTIPEDES see subdivision under Tajikistan

CENTRAL AMERICA—DISCOVERY AND EXPLORATION

Magidovich, I. P. [History of the discovery and exploration of Central and South America] istoriya otkryitiya i issledovaniya Tsentral'noi i Yuzhnoi Ameriki, Moskva, Myal', 1965, 464 p. (Otkryitiye zemli)

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL CHERNOZEM REGION—WHEAT—FERTILIZERS AND MANURES

Central Chernozem Region. A. E. Pehenichy, M. A. Chernykh, Zemledelie 27 no. 9:74-76 S '65.

CENTRIFUGAL CASTING—EQUIPMENT AND SUPPLIES

Universal self-cooling equipment for centrifugal machines. Lit. proizv., no. 9:38-39 S '65.

CENTRIFUGAL PUMPS

Relationship between energy losses for friction and formation of a vortex in centrifugal pumps. I. M. Vozhukhin, Vest. mashinost., 45 no. 8:37-40 S '65.

CENTRIFUGATION

Preventing the entrainment of a deposit by stream in centrifugation. E. I. Zemitski, Koll. zhur., 27 no. 5:681-681 S-O '65.

CEPHEIDS

Period-luminosity relation of short-period Cepheids. M. S. Pirolov, Astron. zh., 27:12-4 D '63.

CERAMIC MATERIALS

Effect of modifying additions on the strength of corundum ceramics. I. G. Onova, I. S. Kabanovskii, M. I. Protopenko, Izv. AN SSSR, Noorg. mat., 1 no. 5:801-809 My '65.

Facade ceramics in the construction industry. M. Rogovoi, Zhil. stroit., no. 6:24-25 '65.

Large ceramic block is an effective building material. I. S. Kashkaev, Stroit. mat., 11 no. 10:4-6 O '65.

CERAMIC MATERIALS—ELECTRIC PROPERTIES

Dielectric properties of corundum ceramics and its microstructure. E. V. Degtyareva and others, Izv. AN SSSR, Noorg. mat., 1 no. 5:818-822 My '65.

Effect of modifying additions on the dielectric properties of corundum ceramics. I. S. Kabanovskii, E. V. Degtyareva, I. S. Alekseenko, Izv. AN SSSR, Noorg. mat., 1 no. 5:810-815 My '65.

CERAMIC METALS

Ceramic metal chromium and chromium-nickel stainless steels. R. P. Shchegoleva and others, Sbor. tr. TSNIICIM no. 43:81-96 '65.

Ceramic metal iron filters for the fine purification of diesel fuel. V. N. Morozov, I. U. N. Semenov, Porosh. met., 4 no. 5:87-91 S-O '61.

Ceramic metal materials. Trudy Giprotsevtmetobizobot. no. 23:173-187 '65.

Interaction of high-melting compounds with molten metals. G. V. Samsonov, G. A. Astasheva, Porosh. met., 1 no. 5:16-21 S-O '61.

Making pipe of molybdenum ceramic metal ingots by the hot extrusion method. I. U. V. Managin, Sbor. tr. TSNIICIM no. 43:157-163 '65.

Metal temperature control in converters with the use of ceramic metal zirconium boride tips. S. M. Shchuk and others, Porosh. met., 4 no. 5:98-101 S-O '64.

New course in the development of powder metallurgy. B. A. Borok, Sbor. tr. TSNIICIM no. 43:5-20 '65.

Use of porous ceramic metal fibrocarbs for the localization of flame. M. B. Lev, E. I. Pavlovskaya, Porosh. met., 5 no. 1:74-78 Ja '65.

CERAMIC METALS—CORROSION

Porous ceramic metal material from stainless steel. R. A. Andrievskii and others, Porosh. met., 5 no. 1:20-31 Ja '65.

CERAMIC METALS—DENSITY

Gas-tight protective casings of thermocouples made of iridium boride. P. S. Kislyi, M. A. Kuzenkova, Porosh. met., 5 no. 1:32-35 Ja '65.

CERAMIC METALS—FRACTURE

Regulation of deformation and fracturing of porous ceramic metal materials on an iron base. Report no. 2, A. I. Krasovskii, Porosh. met., 4 no. 5:9-15 S-O '61.

CERAMIC METALS—INCLUSIONS

Nonmetallic inclusions in molybdenum-base ceramic metal alloys. Zh. I. Dzneladze, V. P. Golubev, D. S. Astasheva, Sbor. tr. TSNIICIM no. 43:151-156 '65.

CERAMIC METALS—TESTING

Investigation of the deformability of porous ceramic metal materials during tensile testing. V. T. Troshchenko, Porosh. met., 5 no. 1:52-59 Ja '65.

New method of determining deformations in cast and ceramic metal materials. V. I. Bugai, Porosh. met., 5 no. 1:71-73 Ja '65.

Studying the mechanical properties of alloys in the system Nb - W - Mo - Zr. E. M. Savitskii, A. M. Zakharov, Metalloved. i term. obr. met., no. 3:8-16 Mr '65.

CERAMIC METALS, EFFECT OF RADIATION ON

Effect of nuclear radiation on the properties of high-melting compounds. I. D. Kononenko, V. S. Neshpor. Porosh. met., 5 no. 1:80-89 Ja '65.

CERAMICS—SAFETY MEASURES

Palrova, A. N. [Safety manual for the operator of drying kilns for ceramic and porcelain-felence products] Pamiatka po tochnike bezopasnosti dlia sushil'shechika keramicheskikh i farforo-felansovykh izdelii, Moskva, Stroizdat, 1965, 21 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

CEREBELLUM

Changes in the electrical activity of the sensorimotor system of the brain during stimulation of the tactile cerebellar area. G. L. Bekata, [Trudy] Inst. fiziol. AN Gruz. SSR 14:101-106 '65.

CEREBELLUM—SURGERY

Cardiac conditioned reflexes in fish with removed cerebellum. V. L. Blanki, A. M. Vinnitskii, Dokl. AN SSSR 164 no. 6:1432-1435 O '65.

CEREBRAL CORTEX

Changes in the amide group content of cerebral cortex protein in dying and resuscitation. M. S. Gaevalskaya, E. A. Nosova, I. M. Blez, Ukr. biokhim. zhur., 37 no. 5:691-696 '65.

Changes in the nerve cells of the auditory cortex in relation to their activity. E. S. Chulobashvili, [Trudy] Inst. fiziol. AN Gruz. SSR 14:165-172 '65.

Electrical activity of the hippocampus in ontogeny. N. N. Daidishvili, I. R. Kviveliashvili, [Trudy] Inst. fiziol. AN Gruz. SSR 14:107-120 '65.

Experimental data on regenerative process in the cerebral cortex of rats and cats. I. A. M. Soslin, Akh. anat., gist. i embr., 49 no. 7:75-82 JI '65.

Functional characteristics of cytochrome projections in the dorsal forebrain cortex in turtles. P. Z. Mizurkhan, G. D. Suvunov, Zhur. vop. biokhim. i fiziol., 1 no. 5:112-118 S-O '65.

Glial origin of slow negative potentials of the surface of the cortex. A. I. Rostbak, [Trudy] Inst. fiziol. AN Gruz. SSR 14:87-87 '65.

Morphological and cytochemical characteristics of the cells of the retina and visual cortex during the early postnatal period of the opening of the animal's eyes. L. K. Syantke, [Trudy] Inst. fiziol. AN Gruz. SSR 14:109-211 '65.

Role of the adrenals in the development of arterial hypertension following stimulation of the cerebral cortex, experimental study. I. I. Shcherbakov, Vop. neirokhiz., no. 5:34-40 '61.

Some data on the nonspecific thalamocortical connections. N. K. Totibadze, [Trudy] Inst. fiziol. AN Gruz. SSR 14:174-180 '65.

CEREBRAL CORTEX—SURGERY

Ability of locating the source of sound in space following unilateral removal of the auditory cortex. A. M. Mozdze, [Trudy] Inst. fiziol. AN Gruz. SSR 14:139-141 '65.

CEREBRAL HEMORRHAGE see Apoplexy

CEREBROSPINAL FLUID

Comparative value of nonspecific and cardiolipin antigens in the examination of cerebrospinal fluid in syphilis. A. A. Studitskii, I. S. Reznikova, D. L. Ashvatskaya, Vest. dermat. ven., no. 1:65-69 '65.

CEREBROVASCULAR DISEASE

(see also subdivision under Voronezh)

Acute disorders of cerebral blood circulation. V. V. Plishegulin, Trudy Vor. med. inst., 51:13-24 '63.

Analysis of differential-diagnostic criteria in tumors and vascular diseases of the brain. N. M. Stepanova, Trudy Vor. med. inst., 51:32-37 '63.

Back pressure and collateral circulation in the superficial cerebral arteries during temporary occlusion of the cerebral arteries. V. I. Lermun, Vop. neirokhiz., no. 5:17-22 '61.

Disorders of cerebral blood circulation in the acute stage of myocardial infarct. L. M. Khailcheva, L. M. Voroshilina, 51:67-81 '63.

Epileptic seizures as manifestations of hypertonic cerebral crises. E. S. Prokhorova, Zhur. nevro. i psikh., 65 no. 10:1461-1465 '65.

Transient disorders in the clinical course of vascular aneurysms of the basis cerebri. L. B. Litvak, G. E. Zenkevich, Zhur. nevro. i psikh., 65 no. 10:1433-1440 '65.

Vascular asymmetries in transient disorders of the cerebral blood circulation. S. S. Imanova, Zhur. nevro. i psikh., 65 no. 10:1447-1453 '65.

CEREBROVASCULAR DISEASE—PREVENTION

Prevention of cerebral infarct. J. Quandt, Zhur. nevro. i psikh., 65 no. 10:1434-1440 '65.

CERIUM

Interaction of metallic cerium with the fused trichloride and the equilibrium constant of the reaction $Ce(l_{liq}) + 2Cl_2(g) \rightleftharpoons CeCl_3(l_{molten})$. M. V. Smirnov, V. S. Lioev, Elektr. khim. i 7:833-838 JI '65.

CERIUM COMPOUNDS

Electric and thermogravimetric studies of cerium titanate, chromite, and aluminate of perovskite structure. V. E. Shvaidko-Shvaidkovskii, A. I. Leonov, A. I. Shelykh, Izv. AN SSSR, Noorg. mat., 1 no. 5:737-742 My '65.

CERIUM NITRATES

Thermochemistry of cerium (IV) nitrates. E. A. Afanasyev, A. I. Habibin, T. I. Koroleva, Zhur. fiz. khim., 39 no. 9:2264-2269 S '65.

CERIUM SALTS

Behavior of alkali metal impurities in the crystallization of cerium salts from a melt. A. N. Kirgintsev, E. G. Avvakumov, A. I. Vukikh, Dokl. AN SSSR 164 no. 6: 1315-1318 O '65.

Cerium perchlorate and its crystal hydrates. V. E. Plushchev, M. B. Varfolomeev, Izv. vys. ucheb. zav., khim. i khim. tekhn., 8 no. 3:361-366 '65.

CESAREAN SECTION

Hystorgraphy following repeated cesarean section. F. N. Demichkin, A. K. Sokolov, Akush. i gin., no. 2: 105-109 '65.

- CESIUM**
Theory of a low-voltage arc in cesium. Part 2. B. I. A. Moizheva, F. G. Bakshi, M. G. Melnikova. Zhur. tekhn. fiz. 15 no. 8:1621-1633 S '65.
- CESTODA**
(see also subdivision under Caspian Sea, Kara Kum Canal)
Phenomenon of the postlarval development of the proboscis and hooks in cestodes of the genus *Tricostorhynchus*, n. gen. (Paraturinidae). A. A. Spasskii, R. P. Shumilo. Dokl. AN SSSR 161 no. 6:1136-1138 O '65.
- CHAETOMIUM** see subdivision under Siberia, Western
- CHAFFLICHES** see subdivision under Gor'kiy region
- CHAIKOVSKI, PETR IL'ICH, 1840-1893**
Petr Il'ich Chaikovsky. M. Pichkhadze. Knizh. tovg. 16 no. 4:37 Ap '65.
- CHAINS**
Cold extrusion of chain rollers. A. I. A. Maklakov. Kuz. stiam. prozv. 5 no. 8:7-12 S '64.
Die for the manufacture of chain links. B. F. Kherchevnikov, A. A. Monastirskii. Kuz. stiam. prozv. 6 no. 9:42 S '64.
Semiautomatic die-stamping of chain segments. G. I. Rubtsovich. Kuz. stiam. prozv. 6 no. 9:42-44 S '64.
- CHALCALBURNUS** see subdivision under Aral Sea
- CHALCID FLIES**
Methods of mass reproduction of *Prospaltella perniciosi* Town., the parasite of San Jose scale. A. I. Popova. Trudy VIZR no. 20 pt. 1:51-64 '64.
- CHALK**
Mechanism of the stimulating effect of chalk on the glucose oxidase and catalase activity of *Penicillium vitale*. N. V. Pokrovskaya, O. V. Krasakova. Mikrobiologiya 34 no. 5:703-800 S-O '65.
- CHAMPAGNE (WINE)**
Enzymatic transformations in champagne wine with the participation of β -fructofuranosidase. S. P. Avakians. Dokl. AN SSSR 165 no. 1:221-223 N '65.
Technological evaluation of the physicochemical properties of champagne vine materials. A. A. Merzhanian. Izv. vys. ucheb. zav. plishch. tekhn. no. 5:194-199 '65.
- CHANGE OF LIFE IN MEN** see Climacteric
- CHANGE OF LIFE IN WOMEN** see Climacteric, Menopause
- CHARGING SYSTEMS (LIBRARIES)**
Effective measures. A. Kazanin. Bibliotekar' 4 no. 10:34-35 O '65.
- CHARSHANGA DISTRICT—SHEEP**
Deserved success. A. Moldavantssev. Zakup. sel'khoz. prod. no. 5:27 My '65.
- CHATTI** see Billites
- CHAUSOVO (KALUGA PROVINCE)—COLLECTIVE FARMS—PENSIONS**
Such cases. P. Khromov. Sots. obozr. 26 no. 10:22-24 O '65.
- CHECHEN-INGUSH A. S. S. R.—PHYSICS—STUDY AND TEACHING**
Joint work of the physics study room of the Institute for Raising the Qualifications of Teachers and of the physics departments of pedagogical institutes with the teachers of the republic on the improvement of lesson efficiency. R. I. Lalaev. Uch. zap. Chuv. gos. ped. inst. no. 16:93-101 '63.
- CHEESE** see subdivision under Moscow region
- CHEESE—PACKAGING**
Cheese packaging in plastic films. R. Ramnaukas. Sov. tovg. 39 no. 10:26-27 O '65.
- CHEKANOVSKIY RIDGE**
Mount Chekanovsky. I. U. O. Medvedev, D. V. Lopatin, G. P. Skrynnik. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 6:67-71 '64.
- CHEKHOV, ANTON PAVLOVICH, 1860-1904**
Images of teachers in the works of A. P. Chekhov. Vysnyk L'viv. un. Ser. filol. no. 3:24-30 '65.
Role of simple beginning and ending sentences in the paragraph construction of A. P. Chekhov's stories. V. P. Nikolaeva. Uch. zap. MGPI no. 326:171-192 '65.
Sentences with parenthetical constructions in the letters of A. P. Chekhov. A. I. Anikhin. Uch. zap. MGPI no. 1326:18-32 '65.
- CHELATES**
Extraction of chelate compounds in the presence of salts. Report No. 3. Cobalt (II) and uranium (VI) acetylacetonates. V. V. Bagreev, I. A. Zolotov. Zhur. anal. khim. 20 no. 8:887-889 '65.
- Structure and properties of linear and branched poly-chelateitandimethylsiloxanes. A. A. Andrianov, I. A. Lavrygin. Vysokom. soed. 7 no. 9:1585-1591 S '65.
- CHELATES—THERMAL PROPERTIES**
Thermal stability of the chelate compounds of ethylene-diaminetetraacetic acid with cations of some metals. L. V. Petrova, I. M. Tikhomirova. Teploenergetika 12 no. 10:23-25 O '65.
- CHELYABINSK—CONSTRUCTION INDUSTRY**
Public control increases its power. M. Ivantsova, S. Dukhanin. Na stroi Ros. 6 no. 9:21 S '65.
- CHELYABINSK—EDUCATION OF CHILDREN, EXTRA-CURRICULAR**
Success will not be long in coming. N. Kostin. Nar. obr. no. 19:35-41 O '65.
- CHELYABINSK—ELECTRIC POWER PLANTS**
Performance of the welded joints of steampipes from austenitic steel, experience in the No. 1 thermal electric power plant of Chelyabinsk. R. Z. Shon and others. Energomashinostroyeniye 11 no. 9:37-10 S '65.
- CHELYABINSK—MOTORBUS LINES**
Dispatcher control of urban bus traffic. Kh. Kvifko, M. L. Vin, L. Pudolinskii. Avt. transp. 43 no. 10:16-17 O '65.
- CHELYABINSK—ORTHOPEDIC APPARATUS INDUSTRY**
New enterprises. E. Monastirskii. Sots. obozr. 26 no. 11:47 N '65.
- CHELYABINSK—SHOOTING**
Purposefulness. P. Shatrov. Voenn. znaniya. 41 no. 8:37 S '65.
- CHELYABINSK—STORES, RETAIL—EQUIPMENT AND SUPPLIES**
"Spuniki" for conveying money and sales checks. I. Liberman. Sov. tovg. 39 no. 10:51-52 O '65.
- CHELYABINSK—TEACHERS, TRAINING OF**
Confirmed by practice. I. Igoshin. Nar. obr. no. 10:33-34 O '65.
- CHELYABINSK PROVINCE—MINE FIRES**
Underground watchmen. G. Shatikhin. Pech. delo no. 9:19-20 S '65.
- CHEMICAL ANALYSIS OF NUTS** see Nuts—Chemical composition
- CHEMICAL APPARATUS—HYDRODYNAMICS**
Studying the hydrodynamic conditions of crystallizers for nonstationary processes. I. M. Khanin and others. Khol. i khim. no. 3:47-51 '65.
- CHEMICAL APPARATUS—TESTING**
Evaluating the strength of forged parts of chemical apparatus by results of hydraulic testing. B. S. Shcheglov. Kuz. stiam. prozv. 6 no. 9:23-24 S '64.
- CHEMICAL BONDS**
Electronic structure, chemical bond, and physical properties of rhodium dihalides and its alloys. V. S. Nosheva, G. V. Samsonov. Izv. AN SSSR, Neorg. mat. 1 no. 5:655-662 My '65.
Energy characteristics of the ester bond in N-acetylaminobenzoic acid esters. L. V. Kozlov, L. M. Gindman. Biokhimiya 30 no. 5:1051-1054 S-O '65.
Heats of formation of tetraphenyl compounds of basic group IV of the periodic table and element-carbon bond energy. V. I. Tel'mol, I. B. Rabinovich. Zhur. fiz. khim. 39 no. 9:2314-2316 S '65.
Simplest quantum chemistry concept of a donor-acceptor bond. V. M. Volkov. Zhur. neorg. khim. 10 no. 9:2193-2194 S '65.
Three-membered rings with coordination bonds. R. G. Kostianovskii, A. K. Prokof'ev. Dokl. AN SSSR 164 no. 5:1054-1057 O '65.
- CHEMICAL COMPOSITION OF NUTS** see Nuts—Chemical composition
- CHEMICAL ELEMENTS**
(see also subdivision under Soviet Far East)
Geochemical classification of elements. I. U. G. Shcherbakov. Dokl. AN SSSR 164 no. 4:917-920 O '65.
- CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES**
[Chemical and refrigeration machinery manufacture] Ref. zhur.: Khim. i khol. mashinostroyeniye, nos. 9-10 S-O '65.
- CHEMICAL EQUILIBRIUM**
Energy characteristics of the ester bond in N-acetylaminobenzoic acid esters. L. V. Kozlov, L. M. Gindman. Biokhimiya 30 no. 5:1051-1054 S-O '65.
Study of complex formation by means of dialysis. Part 2: Deriving an equation for the determination of the reaction equilibrium constant. B. P. Nikol'skii, M. V. Pavlovskii, R. I. Ljubtsov. Radiokhimiya 7 no. 5:576-579 '65.
- CHEMICAL GENETICS**
Genetic effect of optically active compounds. I. M. Ippova. Genetika no. 1:153-158 '65.
- CHEMICAL INDUSTRIES**
(see also subdivision under Europe, Eastern; European Economic Community Countries)
For a large-scale development of chemical industries. O. V. Avilov. Uch. zap. Chuv. gos. ped. inst. no. 3:23-24 My '64.
Increase the production of the large-scale chemical industry. K. Klopotov. Zhur. i khol. mashinostroyeniye, no. 9:2-3 S '65.
- CHEMICAL INDUSTRIES—EQUIPMENT AND SUPPLIES** see subdivision under Moscow
- CHEMICAL INDUSTRIES—FIRES AND FIRE PREVENTION**
Explosiveness of the mixture of chlorine with propene, isopentane, divinyl, and cyclopentadiene, and measures for preventing explosions. I. S. Rozlov, A. S. Pichkhadze, L. M. Kogan. Bezop. truda v prom. 9 no. 8:50-52 Ag '65.
Fireguard for high-pressure acetylene. I. I. Strizhukov, V. P. Zakharov. Bezop. truda v prom. 9 no. 8:40-50 Ag '65.
- CHEMICAL INDUSTRIES—HYGIENIC ASPECTS** see subdivision under Chirchik (Uzbekistan)
- CHEMICAL INDUSTRIES—SAFETY REGULATIONS**
Control practice in chemical plants. M. I. Klovskii. Bezop. truda v prom. 9 no. 8:35 Ag '65.
- CHEMICAL MACHINERY**
Coefficient of internal friction in diatoms with a high degree of filling. V. I. Volinskii. Izv. vuzov. tekhn. i plishch. tekhn. no. 5:179-181 '65.
- CHEMICAL MACHINERY—DESIGN AND CONSTRUCTION**
Computation and construction of safety mechanisms. V. P. Fedotov. Bezop. truda v prom. 9 no. 8:33 Ag '65.
- CHEMICAL MACHINERY—PARTS**
Idea borrowed from the Exhibition of Achievements of the National Economy. V. Zharkov, N. Nishchikov. Inform. biul. VDNKh no. 3:17-18 M '65.
- CHEMICAL MACHINERY—QUALITY CONTROL** see subdivision under Tselinograd
- CHEMICAL MACHINERY INDUSTRY** see subdivision under Sverdlovsk
- CHEMICAL PLANTS** see subdivision under Chirchik (Uzbekistan)
- CHEMICAL PLANTS—ELECTRIC EQUIPMENT**
Simplification of secondary commutation circuits of imported electrical equipment. A. N. Shchukin. Izv. energ. 20 no. 10:59-60 O '65.
- CHEMICAL PLANTS—SAFETY MEASURES**
Deficiency of the geodetic service, and industrial safety at chemical plants. N. P. Dolotov, K. G. Nishchikov. Bezop. truda v prom. 9 no. 8:21-23 N '65.
- CHEMICAL PLANTS—WATER SUPPLY**
Self-start of synchronous motors during the automatic switching in of reserves. B. A. Pavlovskii, R. M. Zhelezovskii. Prom. energ. 20 no. 10:26-27 O '65.
- CHEMICAL REACTION, RATE OF**
Branching chains—thermal explosion limit. I. M. Plamenov, V. G. Levich. Dokl. AN SSSR 164 no. 1:144-146 N '65.
Diffusion kinetics of bimolecular reactions in the solid phase. Reaction of immobile centers with mobile components from the heterophase. A. A. Zaslavskii. Fiz. i khim. 6 no. 3:527-531 My-Je '65.
Effect of carboxylic acid addition on the processes of liquid phase oxidation. K. A. Chernykhin and others. Zhur. prikl. khim. 38 no. 9:3373-3380 Ju '65.
Kinetic study of intermediate steps of HCl ion hydrolysis. K. N. Mochulov, V. S. Khain, G. G. Gidmanashvili. Fiz. i khim. 6 no. 3:541-544 My-Je '65.
Kinetics of reactions complicated by the effect of catalysis. L. M. Litvinenko, A. P. Popov, V. E. Tokarev. Khim. i khim. 6 no. 3:519-521 My-Je '65.
Mechanism underlying the elementary event of a fast reaction. F. S. Bilalov. Uch. khim. 31 no. 9:1607-1608 S '65.
Method of differential spectrophotometry in a flow. G. N. Fadoev. Zhur. fiz. khim. 39 no. 9:2322-2324 S '65.
Methods of studying the macrokinetics of oxidation of sulfide materials with a continuous recording of the chemical reaction rate. V. A. Brizukvin, V. I. Pelygin, N. I. Kabanikov. Elektrokhimika 19:7-8 Ju '65.
Microcalorimeter for studying the kinetics of chemical reactions. O. S. Galuk and others. Zhur. fiz. khim. 39 no. 9:2319-2322 S '65.

CHEMICAL REACTION, RATE OF (Continued)

Model of a compound molecule in the theory of chemical reactions. I. N. Nikitin. *Kin i kat.* 6 no. 3:377-386 My '65

Oxidation kinetics of citric acid by pentavalent vanadium compounds. F. Z. Dzhabarov, S. V. Gorbachev. *Zhur. fiz. khim.* 39 no. 9:2198-2201 S '65.

Physicochemical properties of O, O-dialkyl esters of arylsulfonamidothiophosphoric and thiophosphoric acids. Part I. Acidity constants of some O, O-diethyl esters of arylsulfonamidothiophosphoric acids in ethanol-water mixture and the applicability of Hammett equation to the above-mentioned compounds. I. Zanko and others. *Zhur. ob. khim.* 35 no. 10:1856-1871 O '65

Possibility of experimental determination of the mechanism of reactions between hot atoms and molecules of hydrocarbons. A. A. Temkin. *Kin. i kat.* 6 no. 3:387-393 My-Je '65.

Role of the medium in the mechanism of reaction of isocyanates with alcohols. Part I. R. P. T'iger, S. G. Entelis. *Kin i kat.* 6 no. 3:514-516 My-Je '65.

CHEMICAL REACTIONS

Method of transport reactions in the chemistry of semi-conductors. N. P. Lazhukova, E. I. Tarembash, Z. S. Medvedeva. *Vest AN SSSR* 35 no. 10:49-54 O '65.

CHEMICAL REACTORS

Design of a batch-type reactor of varying volume. I. I. Kukej'yan, N. E. Nekudina, R. M. Terekhin. *Izv. vyz. ucheb. zav. khim. i khim. tekhn.* 3 no. 3:400-190 '65.

CHEMICAL REACTORS—MATHEMATICAL MODELS

Mathematical model of the pyrolysis process in tubular furnaces. V. A. Butovskii and others. *Khim. i tekhn. topl. i masel* 10 no. 10:1-5 O '65.

CHEMICAL RESEARCH see subdivision under United States

CHEMICAL TESTS AND REAGENTS

Study of certain organic reagents for pentavalent osmium. F. G. Chudinov. *Zhur. anal. khim.* 20 no. 8:805-811 '65

CHEMICAL WORKERS see subdivision under Vilnius

CHEMICALS—EFFECT ON PLANTS see Plants, Effect of chemicals on

CHEMISTRY—ABSTRACTS

[Chemistry] Ref. zhur. *Khim.* nos. 9, 13-14, 16-17 My, Ji-S '65. *Preduchnyi ukazatel'* za 1963 g. vol. 1. A-I, publ. 1955

CHEMISTRY—AUDIO-VISUAL AIDS

Science in a chemistry study room. A. Vlasik. *Nat. obz.* no. 10:78-80 O '65.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—CONGRESSES

Ninth Mendeleev Congress on General and Applied Chemistry. I. A. Sheftel'. *Kauch. i rez.* 24 no. 8:58 '65.

Ninth Mendeleev Congress on General and Applied Chemistry. *Tekst. i eksp. khim.* 1 no. 4:554-557 '65.

Tenth International Congress on Theoretical and Applied Chemistry. I. A. Bol'shakova. *Izv. AN SSSR, Mezh. nat.* 1 no. 5:221 My '65.

CHEMISTRY—EXPERIMENTS

Borisov, V. V. [Miracles performed without "miracles", with additions describing chemical experiments] *Chudesa bez "chudes", a prilozhenie opisaniia khimicheskikh opytov.* Leningrad, On-vo "Znanie" RSFSR, 1965. 30 p.

CHEMISTRY—STUDY AND TEACHING

(see also subdivision under Baltic States)

Aesthetic literature of chemistry classes. F. V. Kollanyk. *Rud. shkola* 44 no. 10:62-67 O '65.

Chemical Olympiad as a method for the evaluation and testing of student knowledge. O. I. Kakhovskaja. *Uch. zap. Chuv. gos. ped. inst.* no. 16:130-142 '63.

CHEMISTRY, ANALYTICAL

Lialikov, I. U. S. [Physicochemical methods of analysis] *Fiziko-khimicheskie metody analiza.* Izd. 4. Moskva, Khimika, 1964. 657 p.

Use of diantipyrimethane in analytical chemistry [survey]. V. P. Zhivopistsev. *Zav. lab.* 31 no. 9:1043-1048 '65.

Use of glass pipette-capillary as a container for carrying out some chemical reactions. G. I. Barannikov. *Izv. vyz. ucheb. zav. khim. i khim. tekhn.* 3 no. 3:516-519 '65.

CHEMISTRY, ANALYTICAL—BIBLIOGRAPHY see Bibliography—Chemistry, Analytical

CHEMISTRY, ANALYTICAL—CONGRESSES

Conference on Analytical Chemistry and Applied Spectroscopy held at Pittsburgh. *Zav. lab.* 31 no. 9:157-159 '65.

Moscow Seminar on Analytical Chemistry. N. G.

Nikitina. *Zhur. anal. khim.* 20 no. 8:885 '65

Scientific reports at the International Conference on Analytical Chemistry in Jena-Metseburg (GDH). V. M. Ivanov. *Zhur. anal. khim.* 20 no. 8:883 '65

CHEMISTRY, ANALYTICAL—MATHEMATICAL MODELS

Academika nauk Gruzinskoi SSR, Tbilis. Institut kibernetiki. [Cybernetic models] *Kiberneticheskie modeli.* Tbilisi, Metsnberaba, 1955. 85 p.

CHEMISTRY, ANALYTICAL—QUANTITATIVE

Quantitative determination of 2, 6-di-tert-butyl-4-methyl-phenol (ionol). V. N. Vetchinkina, L. K. Obukhova. *Zhur. anal. khim.* 20 no. 8:860-863 '65

CHEMISTRY, FORENSIC

(see also subdivision under Ukraine)

Loss of tropene group alcohols during their isolation from biological material. O. K. Akopian. *Farmatsev. zhur.* 20 no. 1:80-84 '65.

CHEMISTRY, MEDICAL AND PHARMACEUTICAL

Antibiotic associated with fumagillin. M. N. Semenov, O. B. Zubova. *A. B. Silaev. Antibiotiki* no. 3:219-222 '65.

Chemical study of brimstones *Pseudocanum tauricum* M. B. and *Pseudocanum calcareum* Alb. D. I. Barannau-skille, G. K. Nikonov. *Apt. delo* 14 no. 1:25-29 Ja-F '65.

Color reactions of sodium 1, 2-naphthoquinone-4-sulfonate with drugs. M. P. Ivor'skiy. *Farmatsev. zhur.* 20 no. 1:29-33 '65.

Methods for quantitative determination of anthracene derivatives in the roots of rhubarb. A. S. Romanova, A. I. Ban'kovskii. *Apt. delo* 14 no. 1:71-78 Ja-F '65.

Microcrystaloscopic reactions to cordamine and phenatine and their utilization in the study of medicinal mixtures. V. T. Pozdniakova, A. M. Novykevych. *Farmatsev. zhur.* 20 no. 1:33-35 '65.

Modified method for direct determination of neutral fats. I. A. Pokryshevskii. *Vop. med. khim.* 11 no. 2:74-77 Mi-Ap '65.

Separation of various components of ristomycin using the gel-filtration method through G-25 sephadex and potentiometric titration. G. V. Samsonov, D. D. Litinov. *Antibiotiki* no. 3:217-219 '65.

Solid phase reactions in pharmaceutical analysis. L. D. Rikhykh. *Apt. delo* 14 no. 1:49-51 Ja-F '65.

Structure and bacteriostatic activity of hydroxy and methoxy analogs of some sulfanilamides. V. I. Blyzhnikov, V. O. Grin', H. D. Tit'skiy. *Farmatsev. zhur.* 20 no. 1:13-15 '65.

Synthesis of azolidine derivatives with a possible hypoglycemic effect. Report No. 3. Sulfacyl derivatives of pseudothiohydantoin. V. H. Zubenko, M. M. Turkevych. *Farmatsev. zhur.* 20 no. 1:16-19 '65.

Synthesis of 17 α -hydroxyprogesterone capronate. A. M. Veltman, N. I. Molova. *Farmatsev. zhur.* 20 no. 1:10-13 '65.

Use of Kamnitski's device for the determination of the solidity of suppository bases. I. S. Azhgikhin. *Apt. delo* 14 no. 1:14-19 Ja-F '65.

CHEMISTRY, METALLURGY

Flotability of nonsulfide minerals by domestic cation collectors. L. D. Gogunadze. *Trudy KIMS* no. 5:117-124 '63.

CHEMISTRY, PHYSICAL AND THEORETICAL

Approximate method of calculating the physicochemical properties of compounds of the A(R... R)₂ type. D. A. Smolenskii, A. I. Sefer, G. L. Galchenko. *Zhur. fiz. khim.* 39 no. 9:2142-2144 S '65.

Lialikov, I. U. S. [Physicochemical methods of analysis] *Fiziko-khimicheskie metody analiza.* Izd. 4. Moskva, Khimika, 1964. 557 p.

CHEMISTRY, TECHNICAL

Chemical raw materials instead of food materials. V. Kuregtan. *Prom. Arm.* 8 no. 5:7-9 Ag '65

Chemistry application in the textile industry. M. I. Vol'kovich. *Tekst. prom.* 25 no. 10:82 O '65.

Conversation about chemistry. I. Sakharov. *Voen. znan.* 41 no. 10:26-27 O '65.

CHEMISTRY, TECHNICAL—CLASSIFICATION

Effectiveness of the classification process. E. A. Dolganov, A. M. Shtelnberg, M. D. Barakii. *Izv. vyz. ucheb. zav. khim. i khim. tekhn.* 8 no. 3:390-503 '65.

CHEMISTRY, TECHNICAL—EXHIBITIONS

International exhibition "Chemistry in industry, construction, and agriculture." *Khim. i nef. mashinost.* no. 9:30-37 S '65.

Science at the service of production. *Inform. biul. VDNKH* no. 7:35-38 Ji '65.

CHEMISTS—EDUCATION AND TRAINING

Problems of the institutions of higher learning at the 9th Mendeleev Congress, work of the symposium on higher chemical education. N. S. Torocheshnikov. *Vest. vyz. shkoly* 23 no. 10:17-22 O '65.

CHEMOTHERAPY

Changes in the sensitivity of *Mycobacterium tuberculosis* in animal organisms to chemotherapy. V. N. Solov'ev, V. S. Zueva. *Probl. tub.* no. 7:62-66 '61.

Effect of some anesthetic substances on the chemoreflexes from the heart and lungs. I. N. Pidevich. *Blud. eksp. biol. i med.* 60 no. 9:63-67 S '65.

Morphology of the caverns of resected lungs in antibacterial treatment and collapse therapy. M. R. Rzaev. *Sbor. nauch. trud. TashGMI* 22:261-272 '62.

Mycosis in antibacterial therapy. K. N. Kolinskaja. *Sbor. nauch. trud. TashGMI* 22:371-381 '62. Secondary hydronephrosis and nonspecific pyelonephritis in tuberculosis of the kidneys treated with antibacterial preparations. V. I. Brande. *Arkh. pat.* 27 no. 8:71-76 '65.

Treatment of tuberculosis patients expectorating *Mycobacterium tuberculosis* resistant to antibiotics. V. T. Kornienko. *Probl. tub.* no. 7:17-24 '64.

CHERDAKLY (UL'YANOVSK PROVINCE)—RETAIL TRADE

New look of rural stores. *Sov. potreb. koop.* 9 no. 10:9 '65.

CHEREMIS LANGUAGE

Ways of the development of the Mari literary language. N. T. Pongilov. *Vop. mar. iaz.* no. 1:3-16 '64.

CHEREMIS LANGUAGE—AFFIXES

Meaning of the suffix -rak in the Mari language. O. G. Surikova. *Vop. mar. iaz.* no. 1:123-124 '64.

Origin of the conditional-subjunctive suffix -gais in the Mari language. F. I. Gordeev. *Vop. mar. iaz.* no. 1:119-122 '64.

CHEREMIS LANGUAGE—CASE

Correctness of the use of the terms "adverbial case" and "basic case" in Mari grammars. B. A. Serebrennikov. *Vop. mar. iaz.* no. 1:111-114 '64.

Modern and ancient system of Mari cases. B. A. Serebrennikov. *Vop. mar. iaz.* no. 1:104-110 '64.

CHEREMIS LANGUAGE—DIALECTS

(see also subdivision under Tatar A. S. S. R.)

Gruzov, L. P. [Phonetics of the dialects of the Mari language from the historical point of view] *Fonetika dialektov mariiskogo yazyka v istoricheskom osveshchenii.* Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1964. 243 p.

The phoneme *q* in the Yoshkar-Ola dialect of the Mari language. D. G. Kazantsev. *Vop. mar. iaz.* no. 1:76-88 '64.

CHEREMIS LANGUAGE—DICTIONARIES

Mari dictionaries of the 19th and beginning of the 20th century. G. S. Patrushev. *Vop. mar. iaz.* no. 1:17-30 '64.

CHEREMIS LANGUAGE—ETYMOLOGY

Etymology of some Mari words. V. I. Lytkin. *Vop. mar. iaz.* no. 1:60-62 '64.

Loan translations in the Mari language. A. A. Savat'kova. *Vop. mar. iaz.* no. 1:37-44 '64.

Origin of the ethnonym *Mari*. F. I. Gordeev. *Vop. mar. iaz.* no. 1:63-65 '64.

CHEREMIS LANGUAGE—ORTHOGRAPHY

Some remarks on Mari orthography. G. S. Patrushev, F. I. Gordeev. *Vop. mar. iaz.* no. 1:125-127 '64.

CHEREMIS LANGUAGE—PHONETICS

(see also subdivision under Tatar A. S. S. R.)

Gruzov, L. P. [Phonetics of the dialects of the Mari language from the historical point of view] *Fonetika dialektov mariiskogo yazyka v istoricheskom osveshchenii.* Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1964. 243 p.

CHEREMIS LANGUAGE—PRONOUN

Are there possessive pronouns in the Mari language? I. S. Galkin. *Vop. mar. iaz.* no. 1:115-118 '64.

CHEREMIS LANGUAGE—VOWELS

Historical changes in the area of the vocalism of the Mari language. L. P. Gruzov. *Vop. mar. iaz.* no. 1:66-77 '64.

The phoneme *q* in the Yoshkar-Ola dialect of the Mari language. D. G. Kazantsev. *Vop. mar. iaz.* no. 1:76-88 '64.

CHEREMIS LANGUAGE—EXCAVATING MACHINERY—COLD WEATHER OPERATION

Effect of certain climatic features of Siberia on the operating efficiency of machinery. V. F. Zakharov, K. V. Popov, V. G. Suvitskiy. *Dokl. Inst. geog. Sib. i Dal'. Vost.* no. 7:37-41 '64.

CHERENKOV RADIATION

Characteristics of the radiation from point dipoles moving in narrow cavities in magnetoactive media. K. A. Baranov, V. N. Kadantsev. *Zhur. tekhn. fiz.* 35 no. 9:1508-1509 S '65. Vavilov-Cherenkov hard radiation in single crystals. L. A. Rivlin. *Fiz. v red. Zhur. eksp. i teor. fiz.* 1 no. 3:7-11 My '65.

- CHEREPAKHEN, BORIS BORISOVICH, 1894-**
70th anniversary of Professor B. B. Cherepakhin. Izv. v.s. ucheb. zad., p. 9 no. 1 197-198 '65.
- CHEREPOVETS (VOLOGDA PROVINCE)—CONSTRUCTION INDUSTRY—FINANCE**
Calculating the earnings and in everything B. Perel'man. Fin. i stat. no. 10 47-50 O '65.
- CHEREPOVETS (VOLOGDA PROVINCE)—IRON AND STEEL PLANTS**
Moscow. [Sentral'nyi nauchno-issledovatel'skiy institut informatsii i tekhniko-ekonomicheskikh issledovaniy chernoi metallurgii] [Progressive practice of Cherepovets metallurgists] Peredoviy opyt cherepovetskikh metallurgov. Moskva, [Metallurgiya] 1965 93 p.
- CHEREPOVETS RESERVOIR—MICROBIOLOGY**
Microbiological characteristics of Cherepovets Reservoir during first year of its completion. G. L. Murgolina. Mikrobiologiya 31 no. 4 720-726 Ji-Ag '65.
- CHERKASSY—COMMUNIST PARTY OF THE SOVIET UNION**
Development according to the plan and the labor turnover. V. Lyserko. Part. zhizn. no. 22-34-37 N '65.
- CHERKASSY—OFFICE BUILDINGS**
House of Communications in Cherkassy G. Retz. Stroitel'stvo 13 no. 9 22 S '65.
- CHERKASSY PROVINCE—MEAT INSPECTION**
So that people would be healthy. A. M. Nizovkin, V. D. Stepaniuk, D. B. Staviiskii. Veterinariia 42 no. 10 10-14 O '65.
- CHERKASSY PROVINCE—PIGEONS**
Collared turtle dove in Cherkassy Province. I. K. Petrov. Ornitologiya no. 7:485 '65.
- CHERNIGOV—PIANO—CONSTRUCTION**
Automatic machine for the felt of a "Kapsel" of piano mechanisms. N. I. Krugali. Bum. i der. prom. no. 1:8-9 Ja-Mr '65.
- CHERNIGOV—TECHNOLOGICAL INNOVATIONS**
Chernigov patents. O. Nagorniak. NTO 7 no. 10:61-64 O '65.
- CHERNIGOV PROVINCE—CORN (MAIZE)—FERTILIZERS AND MANURES**
Differentiated rates and interrelations of fertilizers for corn in the soils of Chernigov Province. K. P. Afendulov, P. K. Podurazhnyi. Agrokhimia no. 10:50-57 O '65.
- CHERNIGOV PROVINCE—PEAT BOGS**
History of the development of left-bank Polesye bogs. H. F. Bachuryna, R. I. A. Zubets' Ukr. bot. zhur. 22 no. 4 41-47 '65.
- CHERNIKHOV, IULII ABELEVICH, 1901-1965**
Iulii Abelevich Chernikhov, obituary. Zav. lab. 31 no. 9: 1160 '65.
- CHERNOV, DMITRII KONSTANTINOVICH, 1839-1921**
Life and scientific legacy of Dmitrii Konstantinovich Chernov. A. F. Golovin. Izv. AN SSSR. Met. no. 5 5-14 S-O '65.
- Scientific meeting dedicated to the 125th anniversary of D. K. Chernov's birth. Introductory statement by Academician A. A. Bochvar. Izv. AN SSSR. Met. no. 5 3-5 S-O '65.
- CHERNOVTSY PROVINCE** see Bukovina
- CHERNOZEM SOILS**
(see also subdivision under Tatar A S S R.)
Dynamics of nitrates in deep Chernozems under irrigation. S. M. Gurevich, N. K. Boronin. Agrokhimia no. 9 32-42 Ag '65.
- Some problems of regulating the moisture of podzolized and leached Chernozems. V. F. Trushin. Pochvovedenie no. 9:50-56 S '65.
- Subsoiling in Chernozems. K. N. Demeshko. Zemledelie 27 no. 9:26-30 S '65.
- CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889**
I. A. Piotrovskii was a pupil of Chernyshevskii and Dobrohubov. B. F. Egorov. Uch. zap. CGU no. 71:213-243 '65.
- CHERRY** see subdivision under Georgia
- CHERRY—DISEASES AND PESTS**
Coscomycos infection of sour and sweet cherries. A. Boudarenko, V. Faustov. Zashch. rast. ot vred. i bol. 10 no. 7:52-53 '65.
- CHERSKII, IVAN DEMENT'EVICH, 1845-1892**
[Likhonov, V. D.] [Following the Cherskii trial; wildlife stories] Tropoli Cherskogo; rasskazy o prirode. [Magadan] Magadanskoe knizhnoe izd-vo, 1965. 77 p.
- CHERSKIY RANGE—NATURE STUDY**
[Likhonov, V. D.] [Following the Cherskii trial; wildlife stories] Tropoli Cherskogo; rasskazy o prirode. [Magadan] Magadanskoe knizhnoe izd-vo, 1965. 77 p.
- CHEST**
Methods for determining the dimensions of the chest in sheep. N. G. Ievdova. Trudy Inst. el. sp. biol. AN Kazakh SSR 11:248-255 '65.
- CHEST—INNERVATION**
Activity of single neuron in the thoracic ganglion in Locusta migratoria. V. L. Svidetskii. Dokl. AN SSSR 164 no. 5:1204-1207 O '65.
- CHEST—WOUNDS AND INJURIES**
Blood reinfusion in thoracic injuries in peacetime. N. V. Khroschko. Voen.-med. zhur. no. 1:51-52 '65.
- CHETVERIKOV, NIKOLAI SERGEEVICH, 1895-**
Nikolai Sergeevich Chetverikov; on his 70th birthday. Zhur. nevro. i psikh. 85 no. 10:1697 '65.
- CHETVERIKOV, SERGEI SERGEEVICH, 1880-**
Prominent Soviet geneticist S. S. Chetverikov. Genetika no. 1:204-205 '65.
- CHICKEN CHOLERA** see subdivision under Georgia
- CHICKEN MITE—EXTERMINATION**
Dimethylchlorovinyl phosphate as an effective means in controlling chicken mites. B. A. Frolov. Trudy VNIIVS 24:55-64 '61.
- Effectiveness of chlorophos, 1,4-dichloromethylphosphite-3, and carbophos in the control of ectoparasites in poultry. B. A. Frolov. Trudy VNIIVS 24 38-43 '61.
- CHICKEN POX—MICROBIOLOGY**
Cultivation of the chickenpox virus in developing chicken embryos. M. A. Nolzmallova. Vop. virus. 10 no. 2: 202-204 Mi-Ap '65.
- CHILD STUDY**
Developing the skill of space perception in primary school students. A. P. Gorban'. Teor. i prakt. fiz. kul't. 28 no. 9:32-35 S '65.
- Effective means of will power training in students. V. K. Kuz'manov. Rad. shk. 14 no. 9:11-16 Ja '65.
- Empirical orientation basis as an important condition for the development of new concepts. S. I. Vukaler. Rad. shkola 44 no. 10:15-18 O '65.
- Take care of your child's nervous system. I. Sokolova. Doshk. vosp. 38 no. 7:59-63 Ji '65.
- CHILDREN** see subdivision under Czechoslovakia
- CHILDREN—CARE AND HYGIENE**
Children's health as the main concern of parents and teachers. Doshk. vosp. 38 no. 7:3-4 Ji '65.
- "He is bewitched!" N. Palagina. Doshk. vosp. 38 no. 7:63-65 Ji '65.
- Let's improve the medical and hygienic service to students. Nar. obr. no. 10:125 O '65.
- Schedule for the day of preschool children in the family. B. O. Andzhelov. Zhur. eksp. i klin. med. 5 no. 1:125-127 '65.
- CHILDREN—DISEASES**
(see also subdivision under Turkmenia)
- Braginskaya, V. P. [Prevent infectious diseases in children] Preduprezhdaie zaraznye bolezni u detei. Moskva, Meditsina, 1965. 33 p. (Nauchno-popul'narnaya meditsinskaya literatura) (DNLN)
- Case of Werdnig-Hoffmann's infantile spinal amyotrophy. F. A. Monchuk. Trudy Vor. med. inst. 51:239-244 '63.
- Clinical aspects and treatment of leukemia in children. M. S. Sadofan. Zhur. eksp. i klin. med. 2 no. 3:61-66 '62.
- Detection of pulmonary tuberculosis in persons in whose families children show a positive reaction to tuberculin. M. V. Shilova. Probl. tub. no. 7:3-7 '64.
- Malignant neoplasms in children. R. P. Naumkina, I. I. Avdeev. Nauch. trudy Riaz. med. inst. 11:247-250 '60.
- CHILDREN—EMPLOYMENT** see subdivision under Germany, West
- CHILDREN—MANAGEMENT**
Children learn to obey. L. Kniareva. Doshk. vosp. 38 no. 7:30-32 Ji '65.
- Children observe, think, and talk... B. Mitlurav. Doshk. vosp. 38 no. 7:33-35 Ji '65.
- Labor relations of adolescents. E. P. Shastina. Shkola i prosv. 9 no. 10:36-40 O '65.
- Let's not make a game out of independence! G. Rodovskii. Nar. obr. no. 10:58-59 O '65.
- Trusting the children. G. Godina. Doshk. vosp. 38 no. 7:39-40 Ji '65.
- You are going to sing in a chorus. I. U. Azarov. Nar. obr. no. 10:63-65 O '65.
- CHILDREN—NUTRITION**
Children should eat vegetables and berries. V. V. L. Donik. vosp. 38 no. 7:51-53 Ji '65.
- Ol'skii, M. L. and I. K. Polteva, eds. [Nutrition of the healthy and sick child] Pitanie zdorovogo i bol'nogo rebenka. Moskva, Meditsina, 1965. 121 p. (DNLN)
- CHILDREN—STATISTICS** see subdivision under Turkmenia
- CHILDREN, DEAF**
Research on the labyrinthine function of deaf children. V. A. Blabikhev. Fiziol. zhur. 20 no. 11: 37 O '65.
- CHILDREN AS ARTISTS**
Children draw. B. Nomenaldi. Doshk. vosp. 38 no. 7:12-13 Ji '65.
- Children's creativity. Z. Solov'eva. Doshk. vosp. 38 no. 7:10-11 Ji '65.
- From day to day. V. Ahlamova. Doshk. vosp. 38 no. 7:50 Ji '65.
- Our homeland in children's drawings. M. B. S. Doshk. vosp. 38 no. 7:16-17 Ji '65.
- Our life in children's drawings. L. I. Kovpak. Doshk. vosp. 38 no. 7:13-15 Ji '65.
- CHILDREN'S CLOTHING**
What to wear in the fall. N. Nomenaldi. Doshk. vosp. 38 no. 7:11 S '65.
- CHILDREN'S CLUBS**
Assemblage from Gorky Street. V. D. V. Shkola 30 no. 9:20 S '65.
- CHILDREN'S LITERATURE**
Specialization of enterprise production plants for children. V. A. Mal'kov. Polip. ofits. no. 2:1-2 O '65.
- CHILDREN'S LITERATURE—HISTORY AND CRITICISM**
"And we, Malchishki, should only play with the open 7..." I. Svitlitskaya. Doshk. vosp. 38 no. 7:11 S '65.
- "Better not to laugh..." Sergei Shadrin. Doshk. vosp. 38 no. 10:204-207 O '65.
- Books in my life. I. Chervashchev. Doshk. vosp. 38 no. 8:118-120 S '65.
- Children and books. I. Korotkova. Doshk. vosp. 38 no. 9:122-121 S '66.
- In the circle. Nedvina right? N. P. P. Doshk. vosp. 38 no. 9:117-118 S '65.
- This is also instructive. Doshk. vosp. 38 no. 9:115 S '65.
- CHILDREN'S PERIODICALS**
Ten answers to ten questions: "What should be the content of children's literature?" A. A. Mal'kov and others. Vop. lit. 9 no. 10:243-251 O '65.
- CHILI—COMMERCE**
Rogov, V. V. [Economic development and structural movements in the foreign trade of Chile, 1840-1940] Ekonomicheskoe razvitiie i strukturnyye izmeneniya nei tovgovye Chili. Moskva, 1965. 47 p. (Biblioteka inostrannoi kommercheskoi informatsii, prilozheniye, no. 17)
- CHILI—ECONOMIC CONDITIONS**
Nikolaev, M. S. [Chile] Chili. Moskva, Mysl', 1965. 140 p. (Sobremennoe ekonomicheskoe pozitsionnoye razvitiye stran i narodov)
- Rogov, V. V. [Economic development and structural movements in the foreign trade of Chile, 1840-1940] Ekonomicheskoe razvitiie i strukturnyye izmeneniya nei tovgovye Chili. Moskva, 1965. 47 p. (Biblioteka inostrannoi kommercheskoi informatsii, prilozheniye, no. 17)
- CHIMERAS (BOTANY)**
Induced component inversion in petaloid petals. A. P. Vasil'ev. Dokl. AN SSSR 164 no. 6:1401-1404 O '65.
- CHIMSHILIYA DISTRICT—SPRAYING AND DUSTING FOR AGRICULTURE**
We are using aerosols. N. Radchenko. Zashch. rast. ot vred. i bol. 10 no. 7:9-10 '65.
- CHIN—ABNORMALITIES AND DEFORMITIES**
Age-related indices and compound methods of testing microglossia and ankylosis of the mandible. I. A. Alekandrov. Probl. chel.-lit. zhizn. no. 7:13-25 '63.
- CHINESE LANGUAGE—DIALECTS**
Yuan Chiu-hua. [Dialects of the Chinese language. Translated from the Chinese] Dialekty kitajskogoazyka. Moskva, Nauka, 1965. 54 p. (Azyki narodov Azii i Afriki)
- CHINESE LANGUAGE—GRAMMAR**
Akademiya nauk SSSR. Institut narodov Azii. [Key questions on the structure of the Chinese language] Spornyye voprosy stroitelia kitajskogoazyka. Moskva, Nauka, 1965. 208 p.

CHIRCHIK (UZBEKISTAN)—CHEMICAL INDUSTRIES—HYGIENIC ASPECTS

Health placards. L.I. Akovlev, Sov. prof. soluziy 21 no. 21-27-28 N '65.

CHIRCHIK (UZBEKISTAN)—CHEMICAL PLANTS

Erecting reinforced concrete granulating towers. F. P. Lavygin, Stroi. i arkh. Uzb. 6 no. 15-9 Ja '65.

CHIRCHIK RIVER—INTAKES (HYDRAULIC ENGINEERING)

Operation of a low-pressure intake unit at the Chirchik River. V. N. Sholokhov, Gid. i mel. 17 no. 8 35-14 Ag '65.

CHIRCHIK VALLEY—FOREST ECOLOGY

Seasonal synusia of the nut and fruit for ests in the upper Chirchik Valley and the dynamics of their development. Sh. Kamalov, Uzb. biol. zhur. 9 no. 4 39-41 '65.

CHIRCHIK VALLEY—NUTS

Seasonal synusia of the nut and fruit forests in the upper Chirchik Valley and the dynamics of their development. Sh. Kamalov, Urb. biol. zhur. 9 no. 4 39-41 '65.

CHITA PROVINCE—BANKS AND BANKING

Instruction... on the application of another instruction. I. U. Borisov, Part. zhizn' no. 21-64-65 N '65.

CHITA PROVINCE—FROZEN GROUND

Formation of the humus-illuvial horizons in soils on permafrost rocks. V. N. Dimo, Pochvovedenie no. 9-1-10 S '65.

CHITIN

Nature of lysozyme action on oligosaccharides, fragments of chitin. V. I. Maršimov, E. D. Kavazova, N. A. Kravchenko, Biokhimiya 30 no. 5:1007-1011 S-O '65.

CHKALOV see Orenburg

CHKALOV PROVINCE see Orenburg Province

CHLORIDES

Table for determining the content of chlorides in petroleum. A. G. Nechaev, Transp. i khran. nefti i nefteprod. no. 5:27-28 '65.

CHLORINATION

Automatic control and regulation of woodpulp rigidity during chlorination. L. L. Gurevich and others. Bum. prom. no. 7 11-14 JI '65.

Chlorination of phenol. V. A. Nekrasova, V. I. Zetkin, Zhur. prikl. khim. 38 no. 5:1407-1409 Je '65.

Extensive chlorination of piperylene. L. M. Kogan, N. G. Rozhkova, N. S. Rabovskaya, Zhur. prikl. khim. 38 no. 6:1315-1320 Je '65.

Structural transformations in gutta-percha when the chemical regularity of the chain is disturbed. N. A. Plat and others, Vysokom. soed. 7 no. 9:1520-1525 S '65.

CHLORINE

Explosiveness of the mixture of chlorine with pentane, isopentane, divinyl, and cyclopentadiene, and measures for preventing explosions. I. S. Rolzen, A. S. Maltseva, L. M. Kogan, Berop. truda v prom. 9 no. 8:50-52 Ag '65.

Interaction of chlorine and soil in disinfection. A. A. Polakov, Trudy VNIIVS 24:252-251 '64.

Methods of activated slitting with the use of chlorine. M. Sivachek, Porosh. met. 4 no. 5:71-76 S-O '64.

CHLORINE—ANALYSIS

Determination of chlorine in serum with the aid of the indicator dichlorofluorescein. M. V. Chudnovskaya, N. S. Bykova, Lab. delo no. 10:600-601 '65.

CHLORINE—TOXICOLOGY

Disinfecting liquid manure. A. A. Polakov, Trudy VNIIVS 24:315-321 '64.

CHLORINE ORGANIC COMPOUNDS see Organochlorine compounds

CHLORINE OXIDES

Method of preparing chlorine oxide. V. M. Gallak, N. I. Belinskaya, T. A. Pavlova, Zhur. prikl. khim. 38 no. 6:1225-1229 Je '65.

Unit for the production of chlorine dioxide. L. F. Gvardina, Bum. prom. no. 7:27 JI '65.

CHLOROGENIC ACID

Change in the content of chlorogenic and caffeic acids in stored potato varieties differing as to the resistance to Phytophthora infestans. V. E. Sokolova and others, Dokl. AN SSSR 185 no. 1:237-240 N '65.

Photographic determination of chlorogenic acid. I. Davidik, I. U. Sil'anova, Biokhimiya 30 no. 5:927-932 S-O '65.

CHLOROLIGNIN

Chlorolignin, a new reagent for treatment of clay solutions. E. F. Epshteyn and others, Izv. vyz. ucheb. zav.; geol. i razv. 6 no. 5:156-159 My '65.

CHLOROPHOS

Chlorophos and entobacterin for vegetable crops. L. Efimova, Zashch. rast. ot vred. i bol. 10 no. 7 15-16 '65.

Effectiveness of chlorophos and its ethyl homolog in controlling the larvae of the warble fly infesting reindeer. D. V. Savel'ev, N. P. Mezenev, V. A. Polakov, Trudy VNIIVS 24 335-338 '64.

CHLOROPHOS—SAFETY MEASURES

Be careful in working with chlorophos. V. Tsapko, Zashch. rast. ot vred. i bol. 10 no. 7 34-31 '65.

CHLOROPHYLL

Germinal selection and yield of chlorophyll mutations. G. N. Shagin-Bezovskii, Trudy Inst. gen. no. 32: 81-93 '65.

Method for determining the pigment content in the chloroplasts of plants. T. N. Godnev, G. A. Lipskaya, Fiziol. rast. 12 no. 3:554-557 My-Je '65.

Oxidation-reduction potential of the photo-reduced form of chlorophyll in pyridine. V. B. Evstigneev, V. A. Gavrillova, Biofizika 10 no. 5:770-781 '65.

Photooxidation of chlorophyll in pulsed illumination. A. K. Chibrikov, A. V. Karikato, M. E. Zubrilina, Zhur. fiz. khim. 39 no. 9:2291-2293 S '65.

CHLOROPHYLLIDES—SPECTRA

Spectral and photochemical properties of chlorophyllides and pheophorbides. I. G. Savkina, V. B. Evstigneev, V. S. Chudar, Biokhimiya 30 no. 5:1071-1079 S-O '65.

CHLOROPLASTS

Nucleic acids, synthesis of protein and chlorophyll in chloroplasts. N. M. Sisakian, Ukr. biokhim. zhur. 37. no. 5:640-649 '65.

CHLORPROMAZINE

Results of the use of amine in psychomotor agitation in patients with a serious acute circulatory brain trauma. S. S. Oganesian, Zhur. oksp. i klin. med. 2 no. 5:17-25 '62.

Treatment of epileptics with amine combined with luminal. G. A. Safonov, Trudy Vor. med. inst. 51:158-160 '63.

CHLORTETRACYCLINE

Morphological and cytological changes in some algae species under the influence of chlortetracycline, chlortetracycline, and trypanflavine. L. M. Gerasimenko, Mikrobiologiya 34 no. 5:851-857 S-O '65.

Protective action of some chlortetracycline derivatives in radiation injury of yeast. I. U. A. Kriger and others, Nauch. dokl. vys. shkoly, biol. nauki no. 4:94-96 '65.

Role of mutagenic factors in the selection of *Acetomyces aureofaciens*, producer of chlortetracycline and tetracycline. S. I. Gol'dat, Genetika no. 1:105-111 '65.

CHOCOLATE INDUSTRY

Chocolate manufacture. T. P. Ermakova, Khleb. i kons. prom. 9 no. 10:5-7 O '65.

CHOLERA, ASIATIC

Methodology of the isolation and study of the polysaccharides of cholera vibrios. E. M. Gubarev, E. P. Efimtseva, Vop. med. khim. 11 no. 2 58-54 Mr-Ap '65.

CHOLESTEROL

Effect of ACTH on the development of hypercholesterolemia in starving rabbits. L. E. Panin, Vop. med. khim. 11 no. 1 75-81 Ja-F '65.

Histochemical study of the lipoids in cholesterolosis of the gallbladder. A. E. Podolskii, Arkh. pat. 27 no. 10:60-66 '65.

CHOLESTEROL METABOLISM

Certain aspects of interrelation in the metabolism of ubiquinone, cholesterol, and vitamin A. K. M. Leuts'kii, I. E. M. Liubovych, Ukr. biokhim. zhur. 37 no. 5:742-750 '65.

CHOLINE

Imidazole, adenylic acid, coenzyme A, and their acetyl derivatives involved in the synthesis and biosynthesis of acetylcholine. S. E. Savelin, I. A. Popova, Biokhimiya 30 no. 5:970-979 S-O '65.

CHOLINE—PHYSIOLOGICAL EFFECT

Changes in blood regeneration rates under the effect of carbacholine administration. L. I. Timoshenko, Gemat. i perol. krovi 1:213-215 '65.

Role of calcium ions in the excretion of stimulating substances from a frog's heart under the effect of acetylcholine and adrenaline. T. G. Putintseva, Fiziol. zhur. 51 no. 7:851-856 '65.

CHOLINESTERASES

"Aging" mechanism of cholinesterase depressed by organophosphorus inhibitors. V. I. Rozengart, E. K. Belashova, Dokl. AN SSSR 184 no. 4:937-940 O '65.

Histochemical changes in the distribution of cholinesterase in the spinal cord and spinal ganglia of the rabbit in experimental tetanus intoxication. N. E. Zhebrovskaya, Arkh. pat. 27 no. 10:71-73 '65.

CHORION—CANCER

Composition of blood protein fractions in patients with hydatid mole and chorionepithelioma. I. P. Gomeniuk, Akush. i gln. no. 2:64-69 '65.

Immunologic determination of chorionic gonadotropin in the diagnosis of pregnancy and chorionepithelioma. B. N. Sofonov, V. M. Dil'man, Akush. i gln. no. 2 91-94 '65.

CHRISTIANITY—PHILOSOPHY

Zenkovskii, V. V. [Fundamentals of Christian philosophy] Osnovy khristianskoi filosofii [Frankfurt am Main, Pöschel].

Vol. 1. [Christian teaching about cognition] Khristianskoe uchenie o poznani. [c1990] 1 v.

Vol. 2. [Christian teaching about the world] Khristianskoe uchenie o mire [c1990] 1 v. (CLU)

CHROMATIN

Matrix activity of DNA and chromatin from the embryo of *Megarrhinus fossilis* in RNA synthesis. D. I. Dzhokhadze, K. A. Kaniina, M. A. Timofeeva, Soob. AN Gruz. SSR 39 no. 3:577-582 S '65.

CHROMATIN—CULTURES AND CULTURE MEDIA

Biochemical changes in cells of *Chromatium minutissimum* under photoautotrophic and phototrophic conditions of growth. G. N. Zaitseva, O. M. Gullikova, E. N. Kondrat'eva, Mikrobiologiya 31 no. 4 577-583 JI-Ag '65.

CHROMATOGRAPHIC ANALYSIS

Chromatographic separation of carbazole from anthracene and phenanthrene during the analysis of coal-tar products. T. M. Markacheva, I. I. Kornikova, Zhur. anal. khim. 20 no. 8:870-881 '65.

Chromatographic separation of cations of the urine. L. I. Pokrovskaya, A. P. Tereshchenko, S. V. Chizhov, Vop. med. khim. 11 no. 1 89-94 Ja-F '65.

Chromatographic separation of titanium from some elements in oxide solutions. L. K. Tsirovich, D. V. Bantov, Zhur. prikl. khim. 38 no. 9:1389-1392 Je '65.

Chromatographic study of animal glycogens. V. V. Koval'skii, V. N. Vasil'ev, Dokl. Akad. sei. khim. nauk no. 9 31-37 S '65.

Fractionation of the Japanese encephalitis virus by the method of chromatography on calcium phosphate columns. S. I. A. Gaidamovich, Duan Suan Myou, Vop. virus. 10 no. 2:213-217 Mr-Ap '65.

Gas-chromatographic method of analysis of the absorbent in the production of monovinylacetylene. G. Sheshumina, Prom. Arm. 9 no. 7 26-27 JI '65.

Ion-exchange chromatography of oligonucleotides in a 10-nucleotide hydrolyzate of s-RNA. V. D. Aksol'od, T. V. Vankstern, A. A. Baev, Biokhimiya 30 no. 5:990-1006 S-O '65.

Method of fractional determination of 17-sterosteroids by means of thin-layer chromatography. M. A. Kichkova, Vop. med. khim. 11 no. 2:60-67 Mr-Ap '65.

Separation of quinoline and isquinoline mixtures by chromatography. I. U. I. Chumakov, M. N. Filippovich, Zhur. anal. khim. 20 no. 8 855-859 '65.

Study of the chromatographic behavior of some organotellurium compounds in thin layers of aluminum oxide. M. Vobeski, V. D. Nefedov, E. N. Sinotova, Zhur. ob. khim. 35 no. 9:1084-1087 S '65.

Thin-layer chromatographic of oximes. M. M. Buzlanova, V. F. Stepanovskaya, Zhur. anal. khim. 20 no. 8:974-976 '65.

Using the method of precipitation chromatography for quantitative determining of isosquimoline. B. E. Kogan, P. D. Platova, Koks. i khim. no. 10:47-49 '65.

CHROMATOPHORES

Agglutination of chloroplasts in the leaves of *Elodea*. E. I. Barskaya, N. V. Baidina, Fiziol. rast. 12 no. 3: 512-545 My-Je '65.

Light absorption by chloroplasts. G. G. Komissarov, Biofizika 10 no. 5:978-979 '65.

O₂ absorption by chloroplasts under illumination in the presence of malic acid. I. M. Mosolova and others, Dokl. AN SSSR 184 no. 5:1179-1182 O '65.

Phytonides and chloroplast movements. V. D. Roshchina, Fiziol. rast. 12 no. 3:489-493 My-Je '65.

CHROMIC ACID

Effect of temperature on the electroreduction rate of chromic acid. Part 1. Z. A. Solov'eva, Elektrokhiimiya 1 no. 9:1089-1092 S '65.

Electroreduction of chromic acid in the presence of fluoride ion additions. Z. A. Solov'eva, Elektrokhiimiya 1 no. 7:812-817 JI '65.

CHROMIUM—SPECTRA

Spectra of trivalent chromium complexes in AlCl₃·6H₂O crystals. I. I. Antipova-Kurataeva and others. Fiz. tver. tela 7 no. 9:2712-2718 S '65.

CHROMIUM CARBIDES—TESTING

Strength of chromium carbide alloys. V. N. Klimenko, Porosh. met. 4 no. 5:52-56 S-O '64.

CHROMIUM CATALYSTS

Electron paramagnetic resonance studies of the structure of active centers of chromium oxide catalysts for ethylene polymerization. I. V. Aleksandrov, V. B. Kazanskii, I. D. Mikhelkin, Khim. i kat. 6 no. 3: 439-447 My-Je '65.

CHROMIUM-COBALT ALLOYS see Cobalt-chromium alloys

CITY PLANNING (Continued)

- Determining the optimal size of microdistricts. Stroi i arkhitekt. 11 no. 7 20-21 J1 '63.
Economic justification of urban development solutions. K. Kesk. Ekonom. stroi no. 9:58-62 S '65.
Flexible city layouts. A. Stanslavskii. Stroi i arkhitekt. 11 no. 7:15-17 J1 '63.
Fast city planning on a scientific foundation. V. Drushch. Stroi i arkhitekt. 11 no. 7:11 J1 '63.

CITY TRAFFIC

- Stramenov, A. E., and M. S. Fishelson. [City traffic] Gorodskoe dvizheniye. Izd. 2., perer. i dop. Moskva, Stroizdat, 1965. 343 p.

CIVICS

- Maraev, N. P. [Community as a great power] Obshchestvennost' - bol'shaya sila. [Orenburg] Orenburgskoe knizhnoe izd-vo, 1964. 47 p. (Reshenia XXII s'ezda KPSS v delstvi) (CS-II)

CIVIL AIR DEFENSES see Air defenses, Civil

CIVIL DEFENSE

- By the target, place, and time. V. Zakharov. Voen. znaniya. 11 no. 9:21-25 S '65.
Conversation about chemistry. I. Sakharov. Voen. znaniya. 41 no. 10:26-27 O '65.
For temporary accommodation. K. Borodal, V. Golubev. Voen. znaniya. 41 no. 10:20-21 O '65.
Generalize, disseminate. Voen. znaniya. 41 no. 9:18 S '65.
A plan is a beginning for a matter. I. A. Korzhakov. Voen. znaniya. 41 no. 9:17 S '65.
A third of a century on watch. K. Klucharevskii. Voen. znaniya. 41 no. 9:11-15 S '65.
Vekhov, S. P., and N. F. Sokolova. [How to purify and decontaminate water by the simplest means] Kak ochistit' i obozharazit' vodu s pomoshch'yu prostykh sredstv. Moskva, Meditsina, 1965. 23 p. (Nauchno-populyarnaya meditsinskaya literatura)

CIVIL DEFENSE—STUDY AND TEACHING

- Both methodology and habits. V. Rebovskii. Voen. znaniya. 41 no. 9:24-25 S '65.
It is the duty of the leader of an exercise. . . G. I. Iankov. Voen. znaniya. 41 no. 10:3-4 O '65.
On the alarm signal. K. Kotlukov. Voen. znaniya. 41 no. 10:12-13 O '65.
Practice shows. S. Grapnel', I. I. Iakovenko. Voen. znaniya. 41 no. 9:20-21 S '65.

CIVIL LAW

- (see also subdivision under Azerbaijan, Vinnitsa Province)
S. I. Kats' work entitled "Instituting supervisory proceedings in civil matters." S. Moskvina. Sov. iust. 20 no. 10:28-30 O '65.

CIVIL PROCEDURE

- (see also subdivision under Azerbaijan)
Application of certain provisions of the new Civil Procedure Code of the R.S.F.S.R. N. I. Aydenko and others. Izv. vuz. ucheb. zav., prav. 9 no. 1:77-83 '65.
Issues decided by the judge only according to the Civil Procedure Code of the R.S.F.S.R. R. Gukashin. Sov. iust. 20 no. 10:17-19 S '65.
Russia (1917- . . . R. S. F. S. R.) Laws, statutes, etc. [Theoretical and practical commentaries to the Civil Procedure Code of the R. S. F. S. R.] Nauchno-prakticheskie kommentarii k GPK RSFSR. Pod red. R. F. Kalistratovoi (V. K. Puchinskogo. Moskva, Iuridicheskaya literatura, 1965. 512 p.
Vsesoyuznyi Nauchno-Issledovatel'skii Institut sovetskogo zakonodatel'stva. [Theoretical commentaries on trial practice in civil law cases for 1963] Nauchnykh kommentarii sudel'noi praktiki po grazhdanskim delam za 1963 god. Otv. red. P. I. Sedugin. Moskva, Iuridicheskaya literatura, 1965. 180 p.

CIVIL RIGHTS

- Correlation of the subjective rights and duties and the interests of Soviet citizens. G. V. Mal'nev. Sov. gos. i pravo. 35 no. 10:10-26 O '65.

CIVILIZATION AND SCIENCE see Science and civilization

CLASSICISM

- Art of classicism. G. Bolndzhiev. Vop. lit. 9 no. 10:112-129 O '65.

CLASSIFICATION—BOOKS—MILITARY SCIENCE

- Moscow. Publichnaia biblioteka. [Library and bibliographic classification; tables for scientific libraries] Bibliotечно-библиографическая классификация; таблицы для научных библиотек. Moskva. No. 18. [TS Military science. Military affairs] TS. Voenная наука, Военное дело. 1963. 322 p.

CLASSROOM SIMULATORS

- New demonstrations in physics. N. N. Malov, A. N. Kozlova. Usp. fiz. nauk. 84 no. 3:521-525 N '64.

CLAY

- (see also subdivision under Kazakhstan, Volga Valley)
Microstructure of optically oriented clays in soils and unconsolidated sediments. P. D. Musorova, M. A. Faustova. Izv. AN SSSR Ser. geog. no. 5 90-99 S-O '65.
Role of geological time in the compaction of clay sediments. I. V. Mikhlin. Lit. i polit. nauch. no. 3 126-129 My-Je '65.
Secondary consolidation of clays. Z. G. Ter-Martirosian, N. A. Tsytoich. Osn., fund. i mekh. grun. 7 no. 5:12-15 '65.

CLAY—ANALYSIS see subdivision under White Russia

CLAY—CONGRESSES

- International Commission for the Study of Clays [Papers for the meeting of the International Commission for the Study of Clays] Doklady k sobraniyu Mezhdunarodnoi komissii po izucheniuyu glin. Moskva, Izd-vo Akad. nauk SSSR, 1965. 130 p. (ICRI)

CLAY—TESTING

- Crystal structure formation and its effect on physical and chemical properties of clay. O. M. Mdivnishvili. Trudy KIMS no. 5 21-29 '63.
Attenuating the sorption activity of clays. M. S. Morishvili, O. M. Mdivnishvili, G. A. Patermurava. Trudy KIMS no. 5:45-48 '63.
Studying the structure of clay minerals with various degrees of dispersion. O. M. Mdivnishvili, N. P. Vinkhiev. Trudy KIMS no. 5 31-37 '63.

CLEANING COMPOUNDS

- Chemistry in laundries. R. Mezhlamova and others. Zhil. i kom. khoz. 16 no. 9 53 S '65.
Cleaning raffinose esters. V. S. Vaslamov, G. I. Olateva, N. I. Zhatina. Maslokhim. prom. 31 no. 10. 22-24 O '65.
Relation between the detergent, molecular balance and surface-active properties of alkyl sulfate solutions. M. P. Bepistov, Zh. I. A. Leshchenko. Maslokhim. prom. 31 no. 7:12-17 J1 '65.

CLEARINGHOUSE see subdivision under Communist Countries

CLEFT PALATE

- (see also subdivision under Ukraine)
Bone grafting in congenital hard cleft palate. G. I. Semenchenko. Az. i Afr. seg. 9 no. 10 102-107 O '65.
Correction of secondary deformations of the maxilla by means of segmental osteotomy following congenital hard cleft palate. N. P. Mozgovoi. Probl. chel.-lits. khir. no. 1 91-93 '65.
Duration of the use of obturators and their construction in the various forms of cleft palate. A. B. Pozniak. Probl. chel.-lits. khir. no. 1 91-98 '65.
Hypoplasia of the maxilla in congenital penetrating hard cleft palate. G. G. Kiklina. Probl. chel.-lits. khir. no. 1 86-90 '65.
State of the necessary phases of the nose in congenital hard cleft palate. L. I. A. Derzhavskii. Probl. chel.-lits. khir. no. 1 83-85 '65.

CLEOPATRA, Queen of Egypt, d. 30 B. C.

- Cleopatra, I. A. Stuchevskii. Vop. ist. 40 no. 10:210-218 O '65.

CLERKS (RETAIL TRADE) see subdivision under Ukraine

CLIMACTERIC

- Use of tranquilizers in treating the climacteric syndrome. L. M. Vikhilova, I. U. F. Zmanovskii. Akush. i gyna. no. 1 95-101 '65.

CLIMATE AND SOILS see Soils and climate

CLIMATOLOGY

- (see also subdivision 'Climate' under Aral Sea region; East European Plain; Lower Ob' Reservoir region; Tien Shan)
Length of record in climatology. I. S. Rubinshtein. Trudy GGO no. 181:16-55 '65.
Mammoths and the middle of climate. V. P. Pliankov. Priroda. 54 no. 10:86-91 '65.
Optimum length of record in climatological research. O. A. Durov, V. V. Olova, T. S. A. Shver. Trudy GGO no. 181:14-45 '65.

CLIMATOLOGY—PERIODICITY

- Does Brinker's cycle exist? S. I. Kostin. Priroda. 54 no. 2:78-79 F '65.

CLIMATOLOGY—STATISTICS

- Role of statistical regularities in meteorology and climatology. O. A. Drozdov. Trudy GGO no. 181:3-13 '65.

CLIMATOLOGY, MEDICAL

- (see also subdivision under Transbaikalia)
Results of scientific work on the acclimatization of man in the North and problems of further studies. G. M. Danilovskii. Probl. Sev. no. 8:287-291 '65.

CLOSTRIDIUM—CULTURES AND CULTURE MEDIA

- Effect of the rate of culturing types B and D of Clostridium perfringens on their immunogenic properties. N. F. G. Ishaev. Veterinaria. 42 no. 10 23-25 O '65.

CLOTHING, COLD WEATHER

- Use of metallized fabrics in clothing for the reflection of heat emission by the human body. V. P. Razumov. Shvein. prom. no. 5:17-18 S-O '65.

CLOTHING, INDUSTRIAL see Work clothes

CLOTHING AND DRESS

- (see also subdivision under Leningrad)
Clothing made from woven fabrics. Shvein. prom. no. 5:18-19 S-O '65.
Ball and winter fashions. N. Okuneva. Sov. potreba. keep. 9 no. 10:18 '65.

CLOTHING AND DRESS—CLASSIFICATION

- Classification of clothing items and materials for their manufacture. P. A. Kolosnikov. Shvein. prom. no. 5 1-8 S-O '65.

CLOTHING AND DRESS—TERMINOLOGY

- Both names for clothes. K. H. Zozulak. Vsiyok. L'viv, univ. Ser. filol. no. 3 85-88 '65.

CLOTHING INDUSTRY

- (see also subdivision under Tashkent, Transcaucasia, Uzbekistan)

- Moscow. Tsentral'naya opytно-tekhnicheskaya shveynaya laboratoriya. [Eliminating shortcomings in sewing clothes according to individual orders] Ustaniavanie nedostatkov pri poshivе odezhdы na individual'nym zatrazam. [2. izd.] Moskva, Legkaya industriya, 1965. 110 p. illus.

- Pavlov, V. S. [Balance defects in men's clothing and methods for their correction] Nauchnoe posudki muzhskikh shveinykh izdelii i sposoby ikh ispravleniya. Leningrad, 1965. 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt Seriya. Obmen periodovym proizvodstvennym i nauchno-tekhnicheskimi opytom v shveinoy promyshlennosti)

CLOTHING INDUSTRY—ACCOUNTING

- (see also subdivision under Moscow)
Advanced methods of accounting and analysis for the clothing industry. M. T. Bilekha. Leh. prom. no. 2: 80-82 Ap-Je '65.

CLOTHING INDUSTRY—EQUIPMENT AND SUPPLIES

- Portable punching machines for the manufacture of templates. D. V. Mishchenko. Shvein. prom. no. 6: 20-23 S-O '65.

CLOTHING INDUSTRY—MANAGEMENT see subdivision under Moscow

CLOTHING INDUSTRY—PRODUCTION STANDARDS

- Kashinskaya, T. M. [New methods for establishing the norms of fabric expenditure in clothing factories] Novoe v formirovaniye rashodov tkanin na shveinykh fabrikakh. Leningrad, 1965. 34 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt Seriya. Obmen periodovym proizvodstvennym i nauchno-tekhnicheskimi opytom v shveinoy promyshlennosti)
Methodology for determining the Norms of Production Costs by the point system. S. A. Morzhukova, L. K. Martsinkovskaya. Leh. prom. no. 2:82-84 Ap-Je '65.
Utilization of the speed of sewing machines. I. U. F. Oditsova, S. I. Rusakov. Shvein. prom. no. 5:12-16 S-O '65.

CLOUD PHYSICS

- Calculation of processes caused by the penetration of ice crystals into supercooled small-droplet clouds. S. L. Lebedev. Dokl. AN SSSR. 161 no. 4 799-799 O '65.

CLOUDS see subdivision under Arctic regions;

- Kungey Alatau; Kuybyshev Reservoir region, McMurdo Station region, Antarctica

CLOVER

- Manifestation of the senile period in the life cycle of the clovers Trifolium pratense L. and Trifolium hybridum L. N. P. Kizlova. Bot. zhurn. 50 no. 5:692-694 My '65.

CLUBROOT

- Effectiveness of soil fumigation in the control of the clubroot of mustard family plants. I. M. Poliakov and others. Trudy VIZR no. 20 pl. 1:3-6 '64.

CLUTCHES (MACHINERY)

- Calculating engineer N. D. Vei no. 1 a multiplate clutch. A. Z. Palamarenko. Izv. vuz. ucheb. zav. i mashinost. no. 8:78-82 '65.
Calculating the torsional pliability and compensating ability of a clutch having a tapered rubber plate. O. A. Rakhovskii. Izv. vuz. ucheb. zav. i mashinost. no. 8: 93-97 '65.
Centrifugal clutches. Stroi i dor. mash. 10 no. 9:15 S '65.
Performance of a centrifugal clutch. V. M. Gol'dshein. Stroi i dor. mash. 10 no. 9:15-18 S '65.

COAGULATION

Characteristics of coagulation structure formation in dispersions of argillaceous minerals after autoclave treatment. N. N. Krugitskiy and others. *Dokl. AN SSSR* 164 no. 6 1351-1354 O '65

Effect of electrolytes on the coagulation of a colloidal solution of silicic acid. N. A. Prikhodchenko, R. D. Azelutskaya, I. F. Ponomarev. *Kolloid. Zhur* 27 no. 5 745-748 S-O '65

Stability of lyophobic sols and their coagulation by electrolytes. Part 8. Coagulation of lyophobic sols b. electrolyte mixtures. V. M. Barbol. *Kolloid. Zhur* 27 no. 5 643-651 S-O '65

COAL

Competence on power engineering use of coal from the Kuznetskaya Basin. *Teplotekhnika* 12 no. 10 93-95 O '65

Oxidized coal as fertilizers for pastures in Kirghizistan. N. I. Bazarova, V. S. Sharashova, V. P. Isten'skiy. *Khiz.* no. 1 45-47 '64

COAL—ANALYSIS

(see also subdivision under Donets Basin)

Coal as the basic raw material for the by-product coke industry in the Ukraine. V. A. Letes. *Ugol' Ukr.* 9 no. 10 6-9 O '65

Interpretation of the results of coal fractionation. A. V. Lape. *Lit. i pol. i top.* no. 3 114-119 M-Je '65

COAL—TRANSPORTATION

Accelerated processing of coal freight. N. I. Dunayev. *Zhelezn. transp.* 47 no. 10 31-32 O '65

COAL, PULVERIZED

Magnitude of heat loss due to incomplete combustion in pulverized coal furnaces. V. E. Rapoport, A. L. Kovalenko. *Elek. sta.* 36 no. 10 31-32 O '65

COAL GEOLOGY

Natural distillation of coal. V. I. Frotov, K. E. Kotodeneznikov. *Priroda* 54 no. 2 75-76 F '65

Some problems of mining engineering. N. A. Chirskiy. *Fiz.-tekhn. probl. razrab. pol. i top.* no. 1 7-12 '65

COAL-HANDLING MACHINERY

Design of loading stations for loading coal without hoppers. V. N. Degtyarenko. *Ugol' Ukr.* 9 no. 10 39-41 O '65

COAL MINERS see subdivision under Donets Basin

COAL MINES AND MINING

(see also subdivision under Donets Basin; Irkutsk Basin; Karaganda Basin; Kizel Basin; Kuznetsk Basin)

Effectiveness of the hydraulic method in carrying out the upraise work in mines under construction. A. G. Grekov, N. I. Rozhkov, Shakhmatov. *Ugol' Ukr.* 9 no. 7 1-5 J1 '65

Making an isolated sealed-off stop for an increased work load. F. A. Abramov and others. *Ugol' Ukr.* 9 no. 10 44-46 O '65

Making 2,075 meters of mining in 31 workdays. A. I. Khalimov, V. V. Bulatov, G. G. Vladimirov, Shakhmatov. *Ugol' Ukr.* 9 no. 7 9-11 J1 '65

Prospects for manless coal mining by means of machine units. M. I. Barmut, I. L. El'min, N. N. Golovin. *Ugol' Ukr.* 9 no. 10 48-49 O '65

There are no specific problems of roof control in manless coal mining. N. G. Russakov. *Ugol' Ukr.* 9 no. 10 50-51 O '65

COAL MINES AND MINING—AIR CONDITIONING

Mobile air conditioners and turbocompressed-gas motors. T. G. Vel'kaya, V. V. Verbovaya, B. N. Sukal'skaya. *Ugol' Ukr.* 9 no. 10 51-52 O '65

COAL MINES AND MINING—ECONOMIC ASPECTS

(see also subdivision under Kuznetsk Basin)

An economic experiment at the No. 9 "Velikomostovskaya" mine. I. S. Taraskin, L. S. Strukovskiy. *Ugol' Ukr.* 9 no. 10 27-28 O '65

COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

Economic efficiency of mechanizing minor operations in coal mines. V. N. Lashenko, V. E. Zubenko, A. M. Umanekil. *Ugol' Ukr.* 9 no. 10 20-22 O '65

Parameters of the auger mining of coal. I. L. Mordukhovich. *Nauch. soob. IG* 24 122-129 '65

Safety problems in coal mining with auger boring. L. F. Zorin, N. M. Lavrinenko, I. A. Koveshnikov. *Bezop. truda v prom.* 9 no. 8 6-9 S '65

Selecting efficient parameters of the shield-unit in coal mining with conveyor-plows. A. E. Tarasenko. *Ugol' Ukr.* 9 no. 10 16-17 O '65

COAL MINES AND MINING—FINANCE see subdivision under Karaganda Basin

COAL MINES AND MINING—FIRES AND FIRE PREVENTION

Sealing off underground fires by the method of pressure equalization on both sides of fire barriers. V. I. Balitskiy. *Bezop. truda v prom.* 9 no. 8 40-42 Ag '65

COAL MINES AND MINING—HYGIENIC ASPECTS

New requirements for industrial dust masks. V. S. Nikitin, M. P. Filippova, M. K. Shurina. *Bezop. truda v prom.* 9 no. 8 15-16 Ag '65

COAL MINES AND MINING—PRODUCTION STANDARDS

Give a maximum work load to mechanized longwalls. V. P. Ivanushin. *Ugol' Ukr.* 9 no. 10 31-31 O '65

COAL MINES AND MINING—SAFETY MEASURES

(see also subdivision under Donets Economic region; Kuznetsk Basin, Lvov-Volyn' Basin)

At the "Kryvnyi Partizan" mine. I. Demidov. *Bezop. truda v prom.* 9 no. 8 23-24 Ag '65

Green light to a useful undertaking. M. M. Nachiporenko. *Bezop. truda v prom.* 9 no. 8 21-25 Ag '65

Improving the conditions of industrial safety in coal industry enterprises of the R. S. F. S. R. G. A. Bystron. *Bezop. truda v prom.* 9 no. 8 9-6 Ag '65

Increasing the effectiveness of engineering control in mining. E. M. Poliakov. *Bezop. truda v prom.* 9 no. 8 7-10 Ag '65

Inflation of water into seams as a method of bump control. A. F. Kochin. *Bezop. truda v prom.* 9 no. 8 35 S '65

Miners' work must be safe. *Bezop. truda v prom.* 9 no. 8 1-2 Ag '65

Mining in areas of geologic disturbances. R. M. Kirchevskiy, I. A. Boyanovskiy. *Bezop. truda v prom.* 9 no. 8 32-35 S '65

Mining methods involving inclined hard heading, and lateral workings. M. P. Zbon'shchik and others. *Ugol' Ukr.* 9 no. 10 9-12 O '65

New guidelines on the revision and adjustment of hoisting installations with asynchronous drive. G. D. Dlyakova. *Bezop. truda v prom.* 9 no. 8 62 Ag '65

Plenum of the Central Committee of the Trade Union of workers in the coal industry. Z. N. Gol'dberg. *Bezop. truda v prom.* 9 no. 8 59-61 Ag '65

Results of testing flameless blasting at the "Kapital'naya" mine. N. I. Alekseyev, R. M. Khasanov, S. P. Nikulin. *Bezop. truda v prom.* 9 no. 8 28-30 Ag '65

Roof control in steeply pitched seams. G. V. Khalangot. *Ugol' Ukr.* 9 no. 10 16-50 O '65

Scraper-plow mining of thin and flat coal seams. D. I. Goncharenko and others. *Bezop. truda v prom.* 9 no. 8 11-15 Ag '65

Year of working in a new fashion. N. K. Grin'ko. *Bezop. truda v prom.* 9 no. 8 27-28 Ag '65

COAL MINES AND MINING—SAFETY REGULATIONS

Good initiative. G. I. Bukh. *Bezop. truda v prom.* 9 no. 8 25-26 Ag '65

COAL MINES AND MINING—STATISTICS see subdivision under Ukraine

COAL MINING MACHINERY

(see also subdivision under Czechoslovakia)

Expanding the use of plows for coal mining in the Antratsit Trust mines. M. V. Morozov, A. I. Sokolov. *Ugol' Ukr.* 9 no. 10 1-6 O '65

Manufacture and introduction of specialized machines for the coal mining industry. L. L. Kul'tin. *Bul. tekhn. ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 18 no. 9 22-25 S '65

Operation of the "Kirovets" and LQD-2 cutter-loaders in hard coal seams with considerable inclusions of pyrite. A. A. Segeda. *Ugol' Ukr.* 9 no. 10 37 O '65

Operation of UKR-1 and KT cutter-loaders in inclined seams. A. P. Bykovskiy. *Ugol' Ukr.* 9 no. 10 35-37 O '65

Rozenblat, G. B., and others. [High-speed USB-2M plow unit] *Bystrokhodnaya strugovka USB-2M*. Moskva, Nedra, 1965. 130 p. diagrams.

Scraper-plow mining of thin and flat coal seams. D. I. Goncharenko and others. *Bezop. truda v prom.* 9 no. 8 14-15 Ag '65

COAL MINING MACHINERY—DESIGN AND CONSTRUCTION

Greater durability for high-speed plows. A. P. Pnuchenko, N. V. Potekhin, L. M. Vais. *Ugol' Ukr.* 9 no. 10 12-24 O '65

COAL MINING MACHINERY—EFFICIENCY

Selecting efficient parameters of the shield-unit in coal mining with conveyor-plows. A. E. Tarasenko. *Ugol' Ukr.* 9 no. 10 16-17 O '65

COAL MINING MACHINERY—PATENTS

Balykov, V. M., N. V. Bogutskiy, and I. A. N. Khalifin. [Coal cutter-loaders] *Ugol'nye kombainy*. Moskva, TSNIIP, 1965. 40 p. (Obzor inostrannykh izobreteniy)

COAL MINING MACHINERY—TESTING

Testing a system for automatically regulating the load on cutting machines. B. A. Verkov, I. U. M. Voevodin. *Ugol' Ukr.* 9 no. 10 13 O '65

COAL PREPARATION

Aerodynamic processes in apparatus with variable cross section for heating and calcination of coal in a fluidized bed. A. V. Chechetkin, A. I. Dement'ev. *Koks i khim.* no. 10 18-19 '65

Change of the physicochemical and technological properties of coal in its severe crushing in various gaseous media. P. N. Dzhaparidze, L. R. Tyndarzo, Zhur, prikl. khim. 38 no. 6 1256-1262 Je '65

Preparation of fine coal with the magnetohydrodynamic separation method in a channel type separator. U. TS. Andeev, V. A. Khmichevskiy. *Koks i khim.* no. 12 17 '65

Relationship between the settling velocity and coarseness of coal slime grains in water. L. M. Vlasovskiy. *Koks i khim.* no. 10 12-14 '65

COAL PREPARATION PLANTS see subdivision under Nizhny Tagil

COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES

Coal preparation and regeneration of suspensions in a unit with the two-product separator. M. M. Gerasimov, N. P. Chernykh. *Koks i khim.* no. 3 7-12 '65

COAL-TAR

Composition and methods of studying coal-tar pitch. A. N. Chistakov. *Lzv. vyssh. shkol. zav. khim. i khim. i 0* no. 3 178-181 '65

COAL-TAR PRODUCTS

Chromatographic separation of carbazole from anthracene and phenanthrene during the analysis of coal tar products. T. M. Markicheva, I. I. Korotkova. *Lzv. vyssh. shkol. i 0* no. 11 879-881 '65

COAXIAL CABLES

Analytical calculation of the resonant frequencies of a line segment. B. I. Kuvshin. *Radiotekhnika* 20 no. 5 35-38 My '65

COBALT

Anisotropy of epitaxial cobalt films. I. V. Kisenakhi, V. G. Pyn'ko. *Dokl. AN SSSR* 164 no. 6 1267-1268 J1 '65

Effect of cobalt on the structure and properties of high-speed steel. I. K. Kupalova. *Metalloved. i term. obrab.* no. 8 49-53 S '65

Effect of the temperature of formation of metallic cobalt on its reaction capacity in the process of carbonyl formation. V. I. Gankin and others. *Ishl. i tekhn. top.* 10 no. 10 11-14 O '65

COBALT—METALLURGY

Regeneration of xanthate from cobalt anode. B. M. Litvin. *Makulata. TSvet. met.* 30 no. 6 11-13 Je '65

COBALT CHLORIDES—PHYSIOLOGICAL EFFECT

Effect of cobalt chloride on the development and growth of rainbow trout (*Salmo irideus* Gibbon). A. A. Chirskiy. *Lzv. Gosnauk. II* 50 130-139 '64

COBALT—CHROMIUM ALLOYS

Oxidizing capacity and activity of nickel in cobalt-chromium alloys. P. A. Cherkasov, V. V. Avdeyev. *Met. Summ.* *Dokl. AN SSSR* 164 no. 6 1358-1359 O '65

COBALT COMPOUNDS

Cobalt and copper compounds with 2-chloro-1,3,5-trimethylbenzene. S. N. Avdeyev, R. A. Karapetian. *Zh. obshch. khim.* 35 no. 9 1680-1682 S '65

Cobalt (III) compounds with dimethylglyoxime in the cyanide ion. A. V. Ablov, G. P. Sytyukova. *Zh. obshch. khim.* 35 no. 9 1680-1682 S '65

COBALT IN THE BODY

Cobalt content in the blood and organs of patients with uterine myoma in relation to the results of the treatment. G. I. Gerasimovich. *Akush. i gbn.* no. 1 118-119 '65

COBALT—PLATINUM ALLOYS

Highly corrosive cobalt-platinum alloys. I. V. A. Gerasimovich. *Elektrichesk. no. 10 118-119 '65*

COBALT-SULFUR ALLOYS

Cobalt-sulfur system. V. G. Kuznetsov and others. *Dokl. AN SSSR, Noorg. met.* 1 no. 6 676-680 My '65

COCCIDIUM

Corp coccidium. Report No. 2. V. A. Mamonov, V. I. Laptev, N. S. Ivanova. *Trudy VNIPIK* 17 60-73 '65

COCCIDYCES

Coccidiosis infection of sour and sweet cherries. A. Mondarenko, V. Faustov. *Zashch. rast. i zhivotn.* 10 no. 7 52-53 '65

CODING THEORY

Sukhomlinov, M. M., and V. I. Vykhodanov. [Handbook of code converters] *Preobrazovaniya kodov chisla. 1 iev. Tekhnika*, 1965. 135 p. (Biblioteka po kibernetike) (NIP)

Theory of nonsymmetrical codes. R. H. Vahrameev. *Dokl. AN SSSR* 164 no. 4 757-760 O '65

COELETERATA

Developmental variability of *Dynamena pumila*. N. I. Sakharova. *Nauch. dokl. vys. shkoly; biol. nauk* no. 4 48-51 '65

COIN OPERATED MACHINES see Vending machines

COINAGE see subdivision under Lvov

COINS, GREEK see subdivision under Cimmerian Bosphorus (Kingdom)

COINS, INDIAN

Iconography of Heracles; some problems in early Kushan history. G. A. Pugachenkova, Vest.drev. ist. no. 1 127-136 '65.

COINS, ROMAN see subdivision under Podlesnovka (Ukraine)

COKE

Coke quality requirements for the intensification of blast furnace smelting. I. D. Balon, G. V. Zhuravlev, S. Z. Pritykina. Koks i khim. no. 10 23-28 '65.

COKE—ANALYSIS

Development of new methods in selecting reduced size coke samples for technical analysis. M. M. Sorokin, A. A. Padan, E. I. Sulimova, Koks i khim. no. 10 32-36 '65.

COKE INDUSTRY

(see also subdivision under Ukraine)

Coke and coal chemicals industry of the U.S.S.R. in the first half of 1965. V. I. Komarov. Koks i khim. no. 10 5-6 '65.

Discussing the problems of coke chemistry. N. P. Vangnits, Koks i khim. no. 3:60-61 '65.

Improving the work conditions. I. A. Gol'braukht, Koks i khim. no. 10 62-63 '65.

COKE INDUSTRY—BY-PRODUCTS

Chemistry and technology of the production of acenaphthylene. L. P. Stollin, L. D. Glezman, Koks i khim. no. 8:46-49 '65.

Combining the production of naphthalene and phthalic anhydride. V. I. Filippov, Koks i khim. no. 3:23-27 '65.

Decarboxylation of benzene hydrocarbons from coal oil under forming conditions. M. E. Pozin and others, Koks i khim. no. 8:56-60 '65.

Development of the production of coal-chemical materials from coking for the manufacture of industrial polymeric products. M. S. Litvinenko, I. M. Nosalevich, Koks i khim. no. 8:3-7 '65.

Effect of inorganic impurities in mother liquors on the coarseness and shape of ammonium sulfate crystals. G. N. Lebedeva and others, Koks i khim. no. 10:39-44 '65.

Problems in the operation of semi-automatic presses for naphthalene. N. D. Shumov, Koks i khim. no. 10:40-54 '65.

Produce more chemical materials from coking for the chemical industries. Koks i khim. no. 8:1-2 '65.

Production and properties of carba-ole-phenol-formaldehyde resins. L. G. Novikov, T. F. Akcenova, A. M. Belanova, Koks i khim. no. 9:39-42 '65.

Production of plastics from solvent naphthalene. V. I. Chitskii, L. E. Kasilinskii, Koks i khim. no. 8:42-46 '65.

Production of the mestylene fraction. S. A. Red'kin, M. K. Reiter, Koks i khim. no. 8:38-39 '65.

Production of 2,6-naphthalenedicarboxylic acid from nonnaphthalene derivatives. I. M. Tolstov, N. D. Ruzhanova, P. I. Shaahmurov, Koks i khim. no. 8:33-37 '65.

Prospects for the production of cresols from the coal-chemical total. G. D. Kharlamovich and others, Koks i khim. no. 8:10-14 '65.

Prospects for the widening of the raw material base for the production of phthalic anhydride. D. A. Gusevich, Koks i khim. no. 8:18-22 '65.

Recovery of ammonium sulfide from the hydrogen sulfide of coke-oven gas purification by the removal of sulfur. M. S. Litvinenko, M. B. Khvat, N. A. Gusevich, Koks i khim. no. 8:61-64 '65.

Recovery of indole from the absorption fraction. B. E. Kogan, V. E. Privalov, P. D. Piskova, Koks i khim. no. 8:30-33 '65.

Resources, production, and utilization of coal-chemical phenols. G. M. Orinskii, B. M. Puts, N. I. Shilina, Koks i khim. no. 8:14-15 '65.

Small-tonnage materials from the chemical products of coal coking. R. M. Koltun, A. I. Tolochko, Koks i khim. no. 8:54-56 '65.

Studying the composition of the impurities of hydrogenated benzene separated by the rectification method. L. I. Maifich, Koks i khim. no. 3:41-47 '65.

Use of the coal-chemical materials from coking in the manufacture of carbon black. B. S. Gusevich and others, Koks i khim. no. 8:40-54 '65.

Using the method of purification by sulfuric acid with additives in the recovery of benzene for organic synthesis. V. Z. Sokolov and others, Koks i khim. no. 8:7-10 '65.

Ways to increase the production of ammonium thiocyanate. N. M. Khvatkov, Z. I. Kornova, Koks i khim. no. 10:46-47 '65.

COKE INDUSTRY—EQUIPMENT AND SUPPLIES

Basic initial data for the development of automatic driving systems for the displacement mechanism of coke pusher machines. L. A. Toplygin, K. P. Vlasov, A. T. Kravchenko, Koks i khim. no. 3:52-55 '65.

Study of experience in the mechanization and automation of coal preparation and coking shops. I. Kapellzon, V. Zatylnikov, Koks i khim. no. 3:58-59 '65.

COKE INDUSTRY—MANAGEMENT

Increasing labor productivity and lowering the cost of production of charges in the coal preparation plants of the coke and coal chemicals industry. B. V. Ivanov, A. I. Tatarsov, Koks i khim. no. 10 56-60 '65.

COKE INDUSTRY—QUALITY CONTROL

Discussing coke quality. G. P. Gorovoi and others, Koks i khim. no. 3:27-32 '65.

COKE INDUSTRY—RESEARCH

Conference on the scientific principles of coke manufacture. A. N. Gaidilov, Koks i khim. no. 10 61-62 '65.

COKE MANUFACTURE

Lower carboniferous coal of the western Donetsk Basin and its characteristics as raw material for coking. V. I. Danil, M. D. Shantlo, L. S. Altierman, Koks i khim. no. 10 7-11 '65.

Preparation of technological fuel from brown coals. K. I. Syakov, I. U. G. Korolev, V. I. TSarev, Koks i khim. no. 10 10-22 '65.

COKE MANUFACTURE—QUALITY CONTROL

Ways of improving the quality of the coke made of coal charges with a high content of gas coal. M. G. Dangadze, V. M. Kakabadze, Sots. AN Gruz. SSR 38 no. 3 613-620 '65.

COKE-OVEN GAS

Formation of the grain structure of pyrolytic carbon. K. I. Syakov and others, Koks i khim. no. 3:34-37 '65.

Production of ammonia water on the base of coke-oven gas with the circular phosphate method. N. G. Bunakov and others, Koks i khim. no. 3:38-40 '65.

Utilization of the physical heat of coke-oven gas. C. N. Minevich, Koks i khim. no. 10 37-39 '65.

COKE OVENS

Automation of coke oven heating systems. I. U. K. Nikitin, V. P. Kurguzkin, I. P. Korochanskii, Koks i khim. no. 3:18-23 '65.

Increasing the uniformity of coke oven heating. S. I. Vasilchenko, Koks i khim. no. 3:23-27 '65.

Pressure conditions of coke ovens. K. I. Lgalov, M. S. Chernykh, Koks i khim. no. 3:32-34 '65.

COKE OVENS—EQUIPMENT AND SUPPLIES

Shknevlch, I. I., and others. [Album of equipment for the chemical shops of coke by-product plants] Al'bom oborudovaniia khimicheskikh tsekhov koksokhimicheskogo zavoda. Khar'kov, Izd-vo Khar'kovskogo univ. Pt. 1. [Machinery for coke ovens] Mashiny koksovykh tsekhov. 1964. 109 p.

COKE OVENS—TESTING

Compilation of the heat balance for coke ovens. V. G. Shatenshtein, Koks i khim. no. 10 28-32 '65.

COKING PLANTS—DESIGN AND CONSTRUCTION

Industrial esthetics. A. M. Seppat, Koks i khim. no. 8:64-65 '65.

COKING PLANTS—EQUIPMENT AND SUPPLIES

Operation of lorry cars with double hoppers. P. I. Gudri, V. K. Fomin, I. A. I. Shvartsman, Koks i khim. no. 10:36-37 '65.

COLCHICINE

Morphological and cytological changes in some algae species under the influence of colchicine, chlorotetracycline, and trypanflavine. L. M. Gerasimenko, Mikrobiologiya 34 no. 5:851-857 S-O '65.

COLCHICINE—EFFECT ON PLANTS see Plants, Effect of colchicine on

COLD—PHYSIOLOGICAL EFFECT

Breakdown of emulsion ointment bases by freezing. V. M. Grechik, Apt. delo 14 no. 1:10-14 Ja-F '65.

COLD STORAGE WAREHOUSES

(see also subdivision under Moscow; Zhukovka, Bryansk Province)

Reducing product weight losses during holding in cold-storage warehouses is an important problem of the national economy. N. P. Lulimov, Khol. tekhn. 42 no. 8:1-3 S-O '65.

Stratified method for covering and glazing meat piles. G. M. Kuzanskii, Khol. tekhn. 42 no. 5:60-61 S-O '65.

Storage of frozen meat in chambers equipped with ice shields. M. Z. Kravitskii, Khol. tekhn. 42 no. 5:6-8 S-O '65.

COLD STORAGE WAREHOUSES—FIRES AND FIRE PREVENTION

Fire prevention in cold storage warehouses. M. I. Bobrovnikov, Khol. tekhn. 42 no. 5 53-55 S-O '65.

COLD WEATHER CLOTHING see Clothing, Cold weather

COLD WELDING

Shilaplin, V. B., and D. V. Leon'ev. [Cold welding of contact wires] Khlozdaniia svarka kontaknykh plovodov. Moskva, Transport, 1965. 28 p.

COLITIS

Results of the treatment of chronic colitis of infectious etiology by means of siphon lavage of the intestine with hypotonic solution of Tambovsk mud. M. F. Fedorovskaya and others. Sbor. nauch. rab. vich. san.-kur. uch. profsoyuzov no. 1:136-139 '64.

COLLAGEN

Effect of the load on the transition of collagen in native collagen fibers. S. I. A. Frenkel' and others. Biokhimiya 10 no. 5:735-742 '65.

Phase diagram of collagen and the interpretation of the heat of order-disorder transition in water. S. I. A. Frenkel' and others. Dokl. AN SSSR 165 no. 1, 110-152 N '65.

COLLAGEN DISEASES

Content of DNA and protein and glycoprotein fractions in the blood in various forms of collagen diseases. L. N. Mkhachian, Zhur. eksp. i klin. med. 5 no. 1:105-109 '65.

COLLECTIVE FARMS see subdivision under

Borisov District; Mamlyutka District, Mukachevo District, Pogrebishche District

COLLECTIVE FARMS—ACCOUNTING

Basic feature of business accounting of collective farms and its legal regulation. L. L. Greniako, Izv. vys. ucheb. zav., prav. 9 no. 1:158-159 '65.

Titorenko, P. S. [Everybody has to count] Schital' dolyhny vso. Smolensk, Izd-vo "Krym," 1964. 30 p. (Ekonomicheskaya biblioteka truzhenika sela)

COLLECTIVE FARMS—FINANCE

(see also subdivision under Uzbekistan)

Do not permit violations of discipline in financial affairs. M. Pushkar, Red. prav. 28 no. 7:182 O '65.

Gross income of a collective farm in determining its work results. E. Sol'tev, Vest. stat. no. 10:40-45 '65.

COLLECTIVE FARMS—FIRES AND FIRE PREVENTION

[Manual on safety engineering, industrial hygiene, labor protection, and fire prevention on state and collective farms] Spravochnik inzhenera po tekhnike bezopasnosti, proizvodstvennoi sanitarii, okhrane truda i pozharnoi okhrane sovkhov i kolkhov. Moskva, Rossel'khozizdat, 1965. 288 p. (Rabotniki sel'skogo khoziaistva) (DNL)

COLLECTIVE FARMS—INTERFARM COOPERATION

(see also subdivision under Bershad' District; Ukraine)

Strengthen the industrial base of interfarm building organizations. I. A. Uranskii, Stroi. mat. 11 no. 10 32 O '65.

COLLECTIVE FARMS—MANAGEMENT

(see also subdivision under Crimea; Sokal' District)

Naibashin, A. I., and L. F. IASHKIL. [Toward the true goal; practice of the Khov Collective Farm, Voronezh Province] K verno tseli, opyt kolkhov. Kirova Voronezhskoi obl. Moskva, Rossel'khozizdat, 1965. 71 p. (Iz otstaiushchikh - vperedovye)

State of confidence. G. S. Zolotarev, Otkrytiya 42 no. 10:150-165 O '65.

COLLECTIVE FARMS—PENSIONS

(see also subdivision under Chausovo, Kaluga Province, Khabardino-Balkar A. S. S. R.; Kadoni District; Penza Province)

Calculating the average monthly wages for the award of pensions to collective farm members. A. Solov'ev, Sots. obsep. 26 no. 10:52-55 O '65.

Collective farms reimbursed the losses. V. Leon'ev, Sots. obsep. 26 no. 10:11-12 O '65.

Correspondence with collective farm members. A. Solov'ev, S. Sekunov, Sots. obsep. 26 no. 11:23-24 N '65.

How to calculate the gross income of a collective farm and the sum of deductions to be made from it. P. Smyslov, Sots. obsep. 26 no. 11:18-21 N '65.

In order to evaluate the work of each one. M. Polukhov, Sots. obsep. 26 no. 10:15-16 O '65.

In the council of the Republic. Sots. obsep. 26 no. 10:12 O '65.

Pensions and allowances to members of collective farms. S. Kuznetsov, Agitator 33 no. 10:47-49 My '65.

What the figures show. T. Mamonova, Sots. obsep. 26 no. 11:21-22 N '65.

COLLECTIVE LABOR AGREEMENTS see subdivision under United States

COLLECTIVE LABOR AGREEMENTS—DIESEL ENGINE INDUSTRY see subdivision under Penza

COLLECTORS AND COLLECTING

Moskovskoe gorodskoe obshchestvo kollektzionerov. [Soviet collector] Sovetskii kollektzioner. Moskva, Svyaz'izdat, 1963. 175 p.

(MNI)

COLLEGE AND SCHOOL PERIODICALS

"Letopis". M. K. Popova. Vech. sred. shkola 8 no. 5: 18 S-O '65.

COLLEGE SPORTS

Work and leisure V P Pavlovskiy Teor i prakt fiz 38 no 3 34-37 Ag '65
Work on physical education, F I. Polikarpov, Teori i prakt fiz, 38 no 9 17-44 S '65

COLLEGES FOR WOMEN see Women's colleges

COLLISIONS (NUCLEAR PHYSICS)

Analysis of the energy characteristics of high-energy nuclear interactions in a photographic emulsion G R Zhilov, A V Cherenishkin Izv AN SSSR Ser. fiz 29 no 10 1938-1941 O '65
Attachment of electrons to atoms in triple collisions M L Chubisov, Zhur. eksp i teor fiz 49 no 3 852-856 S '65
Deep stripping and scattering of K^+ ions in single collisions with He, Ar, Kr, and Xe atoms, L I Pivovarov, L T. S. Pivovarov, A S. Dolgov, Zhur. eksp i teor fiz 49 no 3 734-742 S '65
Effect of interelectron collisions on the optical properties of nuclei, R N. Gurzhi, M L Kaganov Zhur. eksp i teor fiz 49 no 3 911-943 S '65
Fission detachment in slow collisions between negative ions and atoms I U N Denisov Zhur. eksp i teor fiz 49 no 3 885-894 S '65
Interaction between nucleons and complex nuclei at high energies V G Guseva and others, Izv AN SSSR Ser. fiz 29 no 10 1935-1937 O '65

COLLOIDS

Gels of organosilicon compounds Part 3: Adsorptive and other properties of a hydrogen-silica adsorbent with a Si-H bond (polysiloxane hydride xerogel) I B Silinaeva, G B Budkevich, I E Neimark Koll zhur 27 no 5 758-764 S-O '65
Preparation of chromium oxide hydrate hydrocol by the reduction of chromates by sugars M N. Tul'chinskii Koll zhur 27 no 5 765-766 S-O '65
Stability of lyophobic sols and their coagulation by electrolytes Part 8 Coagulation of lyophobic sols by electrolyte mixtures V M Barbol Koll zhur 27 no 5 643-651 S-O '65

COLOMBIA—MODERNISM—CATHOLIC CHURCH

New trends in the Colombian church, Reinaldo Ramirez, N Chigrit', Miroslav i mezhdunar. otn. no 12 125-128 O '65

COLONIES—HISTORIOGRAPHY

Feudal colonization in the interpretation of Soviet historians A S Samoilov Vop. ist. 40 no 10 144-148 O '65

COLOR—PHYSIOLOGICAL EFFECT

Efficient use of color in railroad transportation C B Rubins, I G Solov'ev Zhel dor. transp 47 no 10 63-65 O '65

COLOR MOTION PICTURES

Some causes of image registration failure in imbibition negatives A G Shmakov Tekh. kino i telev 9 no 10 63-66 O '65

COLOR OF BIRDS

Geography of the coloration of white wagtail, V. E. Beregovoi Ornithologia no 7 446-451 '65

COLOR OF PLANTS

Effect of short-wave ultraviolet rays on the biosynthesis of pigments in plants, A A. Shakhov, S V. Shishchenko, Fiziol. rast. 12 no 3 432-439 My-Je '65

COLOR PRINTING

Deformation of hexographic forms A P Zhukovets, V M Tremut Poligrafia no 9 15-16 S '65
Higher quality of color printing, V N Tishin, Poligrafia no 4 9-13 Ap '65
New ways of developing pigment copy G T Kozlov Poligrafia no 9 45-46 S '65
Problems of the economic basis for the printing of multi-color newspapers R M Mashlaler, Poligrafia no 4 13-16 Ap '65

COLOR TELEVISION

The SECAM color television system I N. Denisenko, I P Zakharov, M D Lebedeva, Tekh. kino i telev 9 no 10 1-10 O '65

COLOR TELEVISION—CONGRESSES

Discussion on the selection of color television systems at the conference of the International Radio Consultative Committee A M. Varbanskii Tekh. kino i telev 9 no 10 91-93 O '65

COLOR TELEVISION—EQUIPMENT AND SUPPLIES

Color screen finds the standard, V A. Strelov, Standartizatsia 29 no 8 37-38 '65

COLOR TELEVISION—RECEIVERS AND RECEPTION

Receiver of the SECAM color television system R G Britanskii and others, Tekh. kino i telev 9 no 10 11-18 O '65
Reproduction of color television images by index slit kinescopes, V V Odnotko, S M. Sheralzin, Tekh. kino i telev 9 no 11 40-53 N '65

COLORIMETRY

Determining small quantities of aluminum in systems containing aluminum and vanadium chlorides, N N. Ruban and others, Trudy Inst. nat. i obog. AN Kazakh. SSR 12 120-121 '65
Errors in measuring color temperature, L A. Borovskii Izv. Akad. Nauk Kazakh. SSR 9 53-60 S '65

COLORS

Volkov, N N [Color in painting] TSvet v zhivopisi Moskva, Iskustvo, 1965 213 p 39 plates

COLUMBIUM see Niobium

COMBINES (AGRICULTURAL MACHINERY)

Automatic control of the feeding of a grain combine, R Kallmullin, Trakt i sel'khoz. mash. no. 8 20-21 Ag '65
Development of grain harvesting combines and units for straw harvesting, M A. Pustygina, Trakt i sel'khoz. mash. no. 8 17-20 Ag '65
Effectiveness of the use of the new types of corn harvesting combines V B. Babuk, V I. Stel'chevskii, Dokl. Akad. sel'khoz. nauk no. 9 42-17 S '65
Equipment of combines for chaff collection, P. Bilyk, Tekh. v sel'khoz. 25 no. 6 62 Je '65
KST-1 pull-type combine for harvesting sugarcane B A. Popov, E I. Khokhlov Trakt i sel'khoz. mash. no. 8 37-38 Ag '65
Preparing self-propelled combines for work, A. Ragimov, A. Zubruskov, Tekh. v sel'khoz. 25 no. 6 40-50 Je '65

COMBINES (AGRICULTURAL MACHINERY)—MAINTENANCE AND REPAIR

Repairing buffer-type screens of combines, A. Kirreev, P. Chernenko, D. Zhdan, Tekh. v sel'khoz. 25 no. 6 74-75 Je '65
Strengthening the joints of the SK-3 and SK-4 combines, V. Vasil'ev, Tekh. v sel'khoz. 25 no 6 71-71 Je '65

COMBINES (AGRICULTURAL MACHINERY)—PRODUCTION STANDARDS

Technological level of grain-harvesting combines, A N. Voids, Trakt i sel'khoz. mash. no 9 19-21 S '65

COMBUSTION

Diffusion burning in a laminar boundary layer, Sh. A. Ershin, L P. Larin Nauch.-tekhn. probl. gor. i vzyrya no. 2 101-105 '65
Effect of luminous radiation on the combustion rate of H gunpowder, E V. Konev Nauch.-tekhn. probl. gor. i vzyrya no. 2 76-82 '65
Ignition energy of pure acetylene and its mixtures with air under high initial pressures, B A. Ivanov, S M. Kogarko, Nauch.-tekhn. probl. gor. i vzyrya no. 2 105-108 '65
Ignition of condensed substances by a hot gas stream, V I. Lislitskii, A G. Merzhanov, Nauch.-tekhn. probl. gor. i vzyrya no. 2 62-68 '65
Magnitude of heat loss due to incomplete combustion in pulverized coal furnaces V E. Rapoport, A L Kovalenko Elek. sta. 36 no 10 31-32 O '65
Nonsteady-state combustion of gunpowder induced by a pressure pulse, I U. A. Gostintsev, A D. Margolin, Nauch.-tekhn. probl. gor. i vzyrya no. 2 69-75 '65
Some physicochemical regularities in the combustion of fuel, I V. Lavrov, Dokl. AN SSSR 164 no 5 1111-1114 O '65
Study of the burning of solid fuels in intersecting streams A S. Ippolitov, B S. Belosel'skii, G I. Bystritskii Teploenergetika 12 no 10 38-41 O '65
Study of the macrokinetic characteristics of propane turbulent flames based on ionization current, A S Sokoluk, E S. Semenov, Zhur. fiz. khim. 30 no 9 2202-2207 S '65

COMBUSTION, HEAT OF see Heat of combustion

COMENIUS, JOHANN AMOS, 1592-1670

Johann Amos Comenius, Brat. vest. no. 3 63-71 '65

COMETS—1956

Photographic photometry of comet Arend-Roland (1956 h), Blul. Abast. astrofiz. obser. no. 32 155-159 '65

COMETS—1957

Photographic observations of comet Mrkos (1957 d), G N. Salukvadze, Blul. Abast. astrofiz. obser. no. 32 161-164 '65

COMIC, THE

Meaning of the comic in the medieval East, K S. Davletov, Trudy Un. druzh. nar. 4, Vop. lit. no. 1 51-66 '64

COMMANDER ISLANDS see Komandorskiye Islands

COMMERCE

Cartel agreements of monopolies on the computer market, I U. In'kov, Vneshtorg. 45 no 10 24-27 '65
Forms and methods of the promotion of exports from practice in the capitalist trade in rolling stock, A. Zmeev, Vneshtorg. 45 no 10 33-37 '65

COMMERCIAL CHIMES see subdivision under Kazakhstan

COMMERCIAL LAW

Problems of foreign trade in the new civil legislation, N Tatischeva Vneshtorg. 45 no 10 17-49 '65

COMMERCIAL PRODUCTS

New consumer goods; information bulletin Nov. rev.; Inform. bul. nos 10-11, 1965.

COMMERCIAL TREATIES

Long-term agreements in international trade, V. Kuznetsov, Vneshtorg. 45 no 10 12-15 '65

COMMERCIAL VEHICLES

Specialization of automotive transportation, I Tykhonov, Sov. potreb. koop. 9 no 10 14-15 '65

COMMUNICABLE DISEASES

Bunin, K V [Diagnosis of infectious diseases, a clinical manual] Diagnostika infektsionnykh bolezney, klinicheskoe i ukovodstvo Moskva, Meditsina, 1965 130 p (DNLM)

State of the cardiovascular system in some infectious diseases, A D. Dzhaninov, U G. Gaiduev, M V. N. Vakhitov, Zhur. nauch. i tekhn. 22, 83-86 '62

COMMUNICABLE DISEASES—COMPLICATIONS AND SEQUELAE

Effectiveness of compound health-resort treatment of residual phenomena following infectious diseases of the central nervous system, E I. Akopova and others, Slov. nauch. rab. v nauch.-med. nauch.-prof. oblas. no. 1 20-32 '61

COMMUNICABLE DISEASES—PREVENTION (see also subdivision under Uzbekistan)

Raikhshin, G N., comp [Organization of epidemic control measures in the face of infectious diseases] Organizatsiya protivopidemiicheskikh meropriyatiy v usloviyakh infektsionnykh zabolevaniy. Pod red. I. G. Vityazeva, Moskva, TSentr. int. usovershenstvovaniya vracheb., 1965 58 p (DNLM)

Sanitary-epidemiological and sanitary-demographic conditions and the effectiveness of compound sanitary and prophylactic measures in the prevention of dysentery Report No. 1: Sanitary-hygienic and sanitary-demographic differences in patients and in persons free from acute intestinal diseases during a 3-year follow-up period including an analysis of the fecal character of acute intestinal diseases during the same period, E M. Anshelov, N A. Kozlova, V A. Sapozhnikova, Trudy Inst. inst. epid. i mikrobiol. 24 64-65 '63

Sanitary-epidemiological and sanitary-demographic conditions and the effectiveness of compound sanitary and prophylactic measures in the prevention of dysentery Report No. 2: Comparison of experimental and control areas according to combined symptoms, I M. Anshelov, N A. Kozlova, V A. Sapozhnikova, Trudy Inst. inst. epid. i mikrobiol. 24 66-73 '63

Sanitary-epidemiological and sanitary-demographic conditions and the effectiveness of compound sanitary and prophylactic measures in the prevention of dysentery Report No. 3: Comparative evaluation of morbidity and the effectiveness of sanitary-epidemiological measures in "experimental" and "control" areas, E M. Anshelov, N A. Kozlova, V A. Sapozhnikova, Trudy Inst. inst. epid. i mikrobiol. 24 74-81 '63

COMMUNISM

(see also subdivision under Cuba; Poland)

Aleksandrov, A M. [Finance of socialism] Finansy sotsializma. [Leningrad] Finansy, 1965 261 p

Brezhnev, L I. [47th anniversary of the Great October Socialist Revolution; report presented at the formal meeting in the Kremlin Palace of Congresses, November 6, 1964] 47-ya godovshchina Velikoi Oktobrs'koi sotsialisticheskoi revoliutsii, doklad na tozheshtvennykh zasedaniy v Kremlevskom dvortse 6 noyabr, 1964 goda. Moskva, Izd-vo polit. lit-ry, 1964 30 p (NIC)

Idea of the Great October live and triumph, Sov. profsolyuz 21 no 20 2-3 O '65

Koval', P D. [The summit of social progress; definitive features of progress during the communist socio-economic formation. Supplemented transcript of a lecture delivered at the Institute of Philosophy of the Academy of Sciences of the Ukrainian S.S.R.] Vseraliys'ka naukova progress; vyznachal'ni ryay progressu v umovakh komunisticheskoi formatsii. Dopovnena stenogramma lektsii, prochyatani v Instytutu filosofii AN URSR, Kyiv, 1964 43 p. (Tovarystvo "Znannya" Ukrainskoi SSR, Berlin 2, no. 14)

Marxism-Leninism, the international doctrine of Communists of all countries, Komm. Vostok bul. 40 no 12 70-81 Je '65

Nadzhimov, Gaili. [The attitude of Marxism-Leninism toward folk traditions] Otnosheniya marksizma-leninizma k narodnym traditsiyam. Tashkent, Izd-vo "Izdatel'stvo", 1965 163 p

Objective prerequisites of the development of socialist democracy during the transition to communism, S. Gocharik, Trudy MFT no 180 25-30 '65

Pace of the Great October, Okhr. truda i sots. strakh. 8 no 11 1-2 N '65

COMMUNISM (Continued)

[Problems in Marxist-Leninist philosophy; articles by Hungarian authors. Translated from the Hungarian] *Problemy marksistsko-leninskoi filosofii, etaf' vengerakikh avtorov* Moskva, Progress, 1965, 443 p

Shakir-Zade, A.S. [The people are the creators of the culture of communism] *Narod-tvorets kul'tury kommunizma* Baku, Izd-vo Akad. nauk Azerbaidzhan'skoi SSR, 1965, 300 p

Undimmed light. *Agitator* 33 no.10:7-12 O '65
 Undimmed light of the Great October. *Komm. Uch.* 10 no.10:38-16 O '65

COMMUNISM—STUDY AND TEACHING

How to improve the training of teachers of scientific communism, notes of students of the Institute for Improving the Qualifications of Social Science Teachers. R.V. Volkov, A.G. Topoev. *Vest. vys. shkoly* 23 no.10:76-78 O '65.

Study communism. I. Seigeev. *Voen. zhurn.* 41 no.10:9 O '65

COMMUNISM AND LAW see Law and communism

COMMUNISM AND LITERATURE

Health of life. V. Ozerov. *Lit. i sov.* no.5:9-31 '61.
 Gorki on the relationship of the aesthetic ideal of Soviet literature with reality. E.P. Okhremenko. *Uch. zap. Uzb.-Sakh. gos. ped. inst.* 1:90-129 '57.

Leninist stage in the development of Marxist aesthetics A.B. Kaban. *Rad. lit.* 9 no.0:3-12 S '65.

Moscow. *Akademiia obshchestvennykh nauk.* [Party character, the times, and the artist] *Partiinost', vremia, khudozhnik*, Moskva, Mysl', 1965, 284 p.

COMMUNISM AND SCIENCE

Science as a spontaneous productive force of the communist society. G. Shemenov. *Trudy MFT* no.100:10-52 '65.

COMMUNISM AND SOCIETY

The collective and the individual. S. Elizarenko. *Part. zhizn'* no.21:18-27 N '65.

Kurylov, A.K., and F.I. Il'inski. [Toward complete social equality] *K polnomu sotsial'nomu ravenstvu*, Moskva, Znaniye, 1965, 39 p. (Novoe v zhizni, nauke, tekhnike. II Seriya. Filosofiya, no.21)

Maray, N.P. [Communism as a great power] *Obshchestvennost' - bol'shaya sila*, [Orenburg] Orenburgskoe knizhnoe izd-vo, 1964, 47 p. (Reshenia XXII s'ezda KPSS v delatvi) (CSL-II)

The role of social sciences in the building of communism. V. Bykov, I. Gerasimov. *Trudy MFT* no.180:63-79 '65.

COMMUNISM AND THE THEATER

Moscow. *Akademiia obshchestvennykh nauk.* [Party character, the times, and the artist] *Partiinost', vremia, khudozhnik*, Moskva, Mysl', 1965, 284 p.

COMMUNIST COMPETITION

Communism promotes the fulfillment of the plan. V. Stobichikov. *Avt. transp.* 43 no.10:6-7 O '65.

Creative labor competition. *Put' i put. khoz.* 0 no.10:13 '65.

The development of socialist consciousness of workers under conditions of the large-scale building of communism. B.A. Shuvalov. *Vest. Mosk. un. Ser. 8: Ekon., filoz.* 20 no.5:55-64 S-O '65.

The movement for communist labor and the all-around development of personality. G. Shemanin. *Trudy MFT* no.180:109-110 '65.

Schools of communist labor. *Komm. Vozruch. Sil* 46 no.12:81-86 Je '65

Striving for the application of communist competition methods. M.G. Voskoboinikov. *Khleb, i kond. prom.* 0 no.6:22-23 Je '65.

Winners of the competition. I.I. Maksimenko. *Put' i put. khoz.* 0 no.10:7 '65.

COMMUNIST COUNTRIES—CLEARINGHOUSE

International Bank for Economic Collaboration. V. Panashkin. *Fin. SSSR* 39 no.10:22-24 O '65.

COMMUNIST COUNTRIES—CONSTITUTIONAL LAW

I.P. Il'inski and B.V. Shestelin's [The constitutional law of people's democracies]. I.A.M. Belson. *Izv. vys. ucheb. zav.; prav.* 0 no.1:172-174 '65.

COMMUNIST COUNTRIES—FEED INDUSTRY

Development of the mixed feed industry in countries, members of the Comecon. P. Bugrimov. *Muk. elev. prem.* 31 no.8:3-5 Ag '65

COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS

Lomonosov lectures in the economics department of the natural sciences faculties of the Moscow University. I.I. Bol'shakova. *Vest. Mosk. un. Ser. 8: Ekon., filoz.* 20 no.6:76-82 S-O '65.

COMMUNIST COUNTRIES—HISTORIOGRAPHY

A session of the Coordinating Council of the History of the International Workers' and National Liberation Movements. L.H. Lashenko. *Uch. zap. Uzb.-Sakh. gos. ped. inst.* 1:13-98 '57.

COMMUNIST COUNTRIES—PROFIT

Bourgeois views on the nature and role of profit in the socialist economy. S. Khavina. *Vop. ekon.* no.6:100-108 Je '65

COMMUNIST COUNTRIES—STATISTICS

[National economy of socialist countries in 1964, communique of statistical administrations] *Narodnoe khozai-stvo sotsialisticheskikh stran v 1964 godu, soobshcheniia statisticheskikh upravlenii*, Moskva, Statistika, 1965, 255 p.

COMMUNIST COUNTRIES—TECHNOLOGICAL INNOVATIONS

Info: ga-65 Exhibition. G.D. Volkovskii. *Standardizatsiia* 29 no.8:33-36 '65

COMMUNIST COUNTRIES—WORKS COUNCILS

Organizational laws governing the methods of workers' participation in the production management of socialist countries abroad. E. Monastyr'ski. *Rad. pravo* 28 no.7:93-98 O '65.

COMMUNIST EDUCATION

(see also subdivision under Sverdlovsk Province; Ukraine, Ulyanovsk Province)

Clear propaganda to the level of new tasks! *Agitator* 33 no.20:7-9 O '65.

An invariably exciting topic. S.K. Zhuravlev, V.I. Kravchuk. *Vest. vys. shkoly* 23 no.10:63-65 O '65.

Krupskaya, N.K. [Socially useful work of students] *Obshchestvenno poleznaia rabota shkol'nikov*, Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962, 84 p. (NIC)

Kudrashenko, P.I. [Cultivating Soviet patriotism in children in the home] *Vospitanie sovetskogo patriotizma u detei v sem'e*, Leningrad, Znaniye, 1964, 41 p. (NIC)

Let's train convinced patriots of communism. *Vest. vys. shkoly* 23 no.10:3-5 O '65.

Muradova, G.O. [International education of workers during the period of the large-scale building of communism] *International'noe vospitanie trudnashchikh-sia v period razviniutogo stroitel'stva kommunizma*. Ashkhabad, Izd-vo "Turkmenistan", 1965, 74 p.

New developments in the work of pedagogists. M. Seol-chuevskii. *Agitator* 33 no.10:19-21 My '65

The role of organizations with public participation in the education of the new man. A.A. Sadaglan. *Izv. AN Arm. SSR, Obshchestv. nauki* no.0:13-27 '65.

Schools of communist labor. *Komm. Vozruch. Sil* 46 no.12:84-86 Je '65

Talks about our Soviet society. N.M. Minzberg, P.S. Fedorenko. *Rad. shkola* 44 no.10:92-98 O '65

Training of communist morals in social science classes. M.M. Khvyl'. *Rad. shk.* 44 no.6:83-85 Je '65.

When the lesson is processed by the mind and by the heart. I.I. Shteinberg. *Rad. shk.* 44 no.6:78-82 Je '65.

COMMUNIST EDUCATION—AUDIO-VISUAL AIDS

Kerely and efficiently. V. Kol'tsov. *Part. zhizn'* no.22:55-56 N '65.

Vital job of the party organization: from the All-Union Seminar on Visual Propaganda. *Agitator* 33 no.10:9-12 My '65.

COMMUNIST EDUCATION—BIBLIOGRAPHY see Bibliography—Communist education

COMMUNIST ETHICS

Categories of value and evaluation and Marxist philosophy. S.I. Popov. *Nauch. dokl. vys. shkoly; filoz. nauki* 8 no.5:55-63 '65.

COMMUNIST LABOR see Communist competition

COMMUNIST PARTIES

Spearheading the struggle of popular masses. V. Zagladin. *Agitator* 33 no.10:25-28 O '65.

The struggle of the Communist parties of capitalist countries for the interests of the peasantry. G.V. Sharapov. *Vop. ist. KPSS* 9 no.10:17-29 O '65.

COMMUNIST PARTIES—BIBLIOGRAPHY see Bibliography—Communist parties

COMMUNIST PARTY see subdivision under Germany; Korea, North, Poland; United States

COMMUNIST PARTY OF THE SOVIET UNION

(see also subdivision under Cherkassy; Komu A.S.S.R.; Kostroma Province; Leningrad; Lensk; Yakutia; Moscow; Penza Province; Siberia; Smilene, Latvia; Turkmenistan; Ukraine; Union Republics; Uzbekistan; Vilnius region)

About the formation of organs of party-state control. *Part. zhizn'* no.22:48 N '65.

Activities of the Soviet trade unions in consolidating the ties with the masses during the fifth five-year plan, 1951-1955. V.I. Karpenko. *Uch. zap. Uzb.-Sakh. gos. ped. inst.* 1:13-98 '57.

Activities of the Soviets in consolidating and broadening the ties of the party with the masses during the fifth five-year plan, 1951-1955. V.I. Karpenko. *Uch. zap. Uzb.-Sakh. gos. ped. inst.* 1:3-42 '57

The CPSU program concerning the defense of our socialist fatherland. L.A. Koval'ov. *Uch. zap. Uzb.-Sakh. gos. ped. inst.* 1:3-42 '57

Connection of the teaching of the history of the CPSU with the curriculum of an institution. T.P. Gaimulin, P.G. Lyginskii. *Vop. ist. KPSS* 9 no.10:149-151 O '65

First conference of the Communist organizations of the provinces occupied by Germany, October 1918. G.L. Nikol'skov. *Vop. ist. KPSS* 9 no.11:76-87 N '65.

Growth of the creative activity of the masses as a law of the building of communism. G. Ashin. *Trudy MIT* no.180:37-48 '65.

Immortal depositary of Lenin's genius. N. Lipovchenko. *Komm. Uch.* 40 no.10:11-12 O '65

The joint plenums of the Central Committee and the Control Committee of the CPSU, 1921-1933. S.L. Dmitrenko. *Vop. ist. KPSS* 9 no.10:73-79 O '65.

Kommunisticheskaia partiia Sovetskogo Soiuza, [Statute of the Communist Party of the Soviet Union] Approved by the 22d Congress of the CPSU] *Ustav Kommunisticheskoi partii Sovetskogo Soiuza* Uverzhden XXII s'ezdom KPSS Moskva, Gospolitizdat, 1962, 31 p. (CAOTU)

The party as the inspirer and organizer of all victories. V. Shapko. *Agitator* 33 no.10:21-24 O '65.

A personal case is being examined. . . . S. Postolevov. *Part. zhizn'* no.21:43-19 N '65

[Program of the building of communism; a methods textbook for correspondence students studying the materials of the 22d Congress of the CPSU] *Programma stroitel'stva kommunizma, uchebno-metodicheskoe posobie dlia studentov-zaochnikov, izuchaiushchikh materialy XXII s'ezda KPSS*. Khar'kov, Izd-vo Khar'kovskogo univ. Vol. 1, 1963, 1 v. (CSL-H)

Responsibility of a scientist and confidence in him. N. Chirkal. *Part. zhizn'* no.21:29-34 N '65.

Scientific approach to work as the most important trend in party leadership. N. Lomakin. *Part. zhizn'* no.21:9-17 N '65.

The statute on enterprises and the tasks of the party organizations. *Part. zhizn'* no.22:3-7 N '65.

The tie with the masses as an inevitable condition of the successful activity of party organizations. F. Panichin. *Part. zhizn'* no.22:15-23 N '65.

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSSES

Editorial: Toward the party congress. *Agitator* 33 no.20:3-6 O '65.

In the name of communism. *Sov. profsoiuzy* 21 no.20:1 O '65.

Kommunisticheskaia partiia Sovetskogo Soiuza, 16 s'ezd, Moskva, 1929, [Sixteenth Conference of the All-Union Communist Party (Bolshevik) April 1929, verbatim report] *Shestnadtsat'ia konferentsiia VKP(b)apri 1929 goda, stenograficheski otkhet*, Moskva, Gos. izd-vo politlit'y, 1962, xxix, 837 p. (RPD)

On the convocation of the regular 23d Congress of the CPSU. Decision of the Plenum of the Central Committee of the CPSU adopted on September 29, 1965. *Nar. khoz. Karakh.* 23 no.10:3 O '65.

On the eve of the 23rd Congress of the CPSU. *Part. zhizn'* no.21:3-7 N '65.

Put into practice the resolutions of the March Plenum of the Central Committee of the CPSU. *Khleb, i kond. prom.* 0 no.6:1-3 Je '65.

COMMUNIST PARTY OF THE SOVIET UNION—HISTORIOGRAPHY

Coordination as the most important element in organizing the scholarly work on the history of the CPSU. P.I. Pavluk, M.S. Khimko. *Vop. ist. KPSS* 9 no.11:156-158 N '65.

Subjects of doctoral dissertations discussed and approved by the Presidium of the All-Union Council and the local Councils for Coordination of Research on the History of the CPSU. *Vop. ist. KPSS* 9 no.11:158 N '65.

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

Candidates for CPSU membership. *Part. zhizn'* no.21:54-55 N '65.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

(see also subdivision under Alma-Ata Province; Khabarovsk Territory; Khar'kov Province; Kuybyshev Province; Lithuania, Nenets National Area; Novonikolayevsk Government, Rostov Province; Saratov Province; Ukraine; Volochisk District; Yakutia)

Found out the causes and then. . . . A. Nikol'skii. *Av. i kosm.* 48 no.11:48-49 N '65.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK (Continued)

Growth of the role of socialist ideology in the building of communism. N. Zorin. Trudy MPT no. 180-181-120 '65

It is a guide to the labor of the D. S. P. Kom. Trud. 46 no. 10-22-40 O '65

Komkov, G. D. [Ideological and political work of the CPSU during the years 1941-1945] Ideino-politicheskaya rabota KPSS v 1941-1945 gg. Moskva, Nauka, 1965, 438 p.

[Organizational party work, questions and answers] Organizatsionno-partiynaya rabota, voprosy i otvety. Moskva, Izd-vo polit. lit-ry 1964 77 p. (NIC)

Our common cause. Lit. i zhizn' Part. zhizn' no. 21-61-62 N '65

Overcoming the survivals of capitalism in people's consciousness and in conduct during the period of the building of communism. N. Ushakov. Trudy MPT no. 180-181-142 '65.

People's activity as a guarantee of success. N. Topchev, Part. zhizn' no. 21-38-42 N '65.

The prospects of the work should always be considered in advance. K. Nikolaev. Part. zhizn' no. 22-8-14 N '65.

School republic. Inform. list. VDNKh no. 1-36-38 M '65

Work practices of the schools of communist labor in the "Krasnaya Volga" Factory. V. V. Sokolova. Tekst. prom. 25 no. 10-50-91 O '65

COMMUNIST PARTY OF THE SOVIET UNION—PURGES

see subdivision under Ukraine

COMMUNIST STATE

Intrinsic stage in the development of the socialist state. A. P. Kozlovskiy. Sov. gos. i pravo 35 no. 10-120-145 O '65

Special features of the people's state. P. Popov. Trudy MPT no. 180-181-24 '65.

COMMUNIST YOUTH

Strengthen the minds and hearts of young patriots. E. Chikol'skiy. Komm. Uch. 46 no. 10-86-87 O '65

COMMUNIST YOUTH LEAGUE

(see also subdivision under Krasnodar Territory, Novosokolnitskiy District, Tatar A S S R., Ukraine, White Russia)

Babashov, Sh. [Komsomol soldiers in Karakalpakia in the battles for the homeland] Volny komsomol'tsy Karakalpakii v boikakh za Rodinu. Nukus, Izd-vo "Karakalpakia," 1965, 80 p.

Communist Youth League organization and work training of students. V. A. Homcharenko, Rad. shkol. 44 no. 6-46-48 Je '65.

Don't get away from the main thing. V. Gribenluk. Komm. Vooruzh. Sil. 46 no. 12-70-75 Je '65.

[Flery years, youth during the years of the Great Patriotic War of the Soviet Union, 1941-1945. A collection of documents] Ognennye gody, molodezh' v gody Velikoi Otechestvennoi volny Sovetskogo Soyuza 1941-1945 godov. Sbornik dokumentov. [Moskva] Molodaya gvardiya, 1965, 525 p.

It is a Communist Youth League record kept? Komm. Vooruzh. Sil. 46 no. 12-88 Je '65

Pankin, B. D. [In our house; for the stories of a Komsomol newsman] V nashe domo, iz rasskazov komsomol'skogo gazetchika [Moskva] Molodaya gvardiya, 1965, 110 p.

COMMUNISTS

Ideological conviction of the Soviet man. IU. Filonovich. Agitator 33 no. 20-17-20 O '65.

Keeping high the designation "party member." Komm. Uch. 46 no. 10-3-10 O '65.

COMMUNITY AND SCHOOL

(see also subdivision under Novosibirsk Province)

Balabuts, L. N. [Concern of the factory and plant trade-union committee for the training and education of children] Zabota FZMK o vospitanii i obuchenii detei. [Moskva] Proftzdat, 1965, 60 p. (Bibliotekha protsoluznogo aktivista, no. 13(109))

For those who work and study. O. P. Mavlutova, Vech. sred. shkola 8 no. 5-11-12 S-O '65.

Help of senior friends. Prof. -tekh. obr. 22 no. 10-12-13 O '65

In the State Committee on Vocational and Technical Education. Prof. -tekh. obr. 22 no. 10-14 O '65.

Patronage of the veterans of labor. IA Iakovlev, R. Shapiro. Prof. -tekh. obr. 22 no. 10-10-11 O '65.

Training of students in the course of productive work. N. S. Korolev, Sred. spets. obr. 12 no. 9-33-36 S '65.

COMMUNITY CENTERS see subdivision under Dnepropetrovsk, Leningrad, Uzbekistan

COMMUTATION (ELECTRICITY)

Quality of commutation and selection of current density beneath brushes. V. S. Khvostov. Elektrotehnika 36 no. 10-51-54 O '65.

Two-channel electromechanical commutator. R. Tatalov. Prom. Arm. 8 no. 8-52-53 Ag '65.

COMPARATIVE AND GENERAL GRAMMAR

see Grammar, Comparative and general

COMPARATIVE LITERATURE

see Literature, Comparative

COMPLEMENT FIXATION

Some clinical and laboratory parallels in influenza during the winter outbreak in 1959. V. P. Chernova, T. S. Ilyina. Sborn. nauch. trud. TashGMI 22 108-115 '62.

COMPLEX COMPOUNDS

Complex formation in aqueous solvents. Part 7: Acetic acid distribution between water and carbon tetrachloride. A. A. Chalkhor'skiy, B. P. Nikol'skiy, B. A. Khkhatlov. Radiokhimiya 7 no. 5 572-575 '63

Complex formation studied by means of dialysis. Part 3: Determination of the first constant of hydrolysis of cadmium and zinc acetates. B. P. Nikol'skiy, M. V. Pospel'skiy, R. I. Liubtsev. Radiokhimiya 7 no. 5 623-625 '63.

Effect of complex formation on reactions of positronium with inorganic ions. V. I. Gol'danskiy, V. G. Firsov, V. P. Shantorovich. Kin. i kat. 6 no. 3-364-365 My-Je '65.

Extraction of inner-complex compounds of elements with 1-phenyl-3-methyl-4-benzoyl-5-pyrazolone. IU. A. Zolotarev and others. Dokl. AN SSSR 165 no. 1 117-120 N '65.

Heads of formation of tetraphenyl compounds of basic group IV of the periodic table and element-carbon bond energy. V. I. Tel'mol, L. B. Rabinovich, Zhur. fiz. khim. 39 no. 9-2314-2316 '65.

Kinetics of the formation of double ammoniates. G. A. Lazerkov, I. A. Dvinderko, M. V. Zuretskiy. Zhur. fiz. khim. 39 no. 9-2189-2194 S '65.

Possibility of separating nitrogen isotopes by the chemical exchange method using complex formation. G. M. Paschenkov, A. I. Kuznetsov, A. V. Makarov. Dokl. AN SSSR 164 no. 5-1101-1103 O '65.

Structure of antipyrine compounds and its derivatives with nido complexes of metals. A. I. Busev, B. L. Zaitsev, V. K. Akimov. Zhur. ob. khim. 35 no. 9-1548-1551 S '65.

Study of complex formation by means of dialysis. Part 2: Deriving an equation for the determination of the reaction equilibrium constant. B. P. Nikol'skiy, M. V. Pospel'skiy, R. I. Liubtsev. Radiokhimiya 7 no. 5-576-579 '65.

COMPLEX IONS

Copper borates, oxalates, and salicylates. M. B. Schidgol'. Zhur. neorg. khim. 10 no. 9-2097-2107 S '65

COMPLEXONS

Complexometric determination of scandium in the presence of magnesium. N. V. Kostin, R. V. Vargina. Vest. Mosk. un. Ser. 2: Khim. 20 no. 4-78-79 Ji-Ag '65.

Insoluble polycomplexons. I. B. Trastinskaya, G. Z. Nefedova. Zhur. anal. khim. 20 no. 8-775-780 '65.

Microvolumetric titrimetric determination of iron in fishery products. A. S. Aleksandrovich-Mol'nichikov, E. N. Baranovskiy. Tr. vuz. ucheb.-nauch. i spetsial. tekhn. no. 5-200-201 '65

Polynuclear beryllium complexonates. M. I. Kabachnik and others. Dokl. AN SSSR 161 no. 6-1311-1314 O '65.

Theory for the use of complexons in the analysis of polynuclear systems. M. M. Sochevanova, V. G. Sochevanov. Zav. lab. 31 no. 8-1058-1062 '65.

Titrimetric determination of the sulfur content of washing powders, synthetic fatty acids, paraffin and sodium sulfate. I. K. Shelomov, F. N. Koroleva. Maslo-zhiv. prom. 31 no. 10-10-21 O '65.

COMPLICATED LABOR

see Labor, Complicated

COMPLICATIONS OF PREGNANCY

see Pregnancy, Complications of

COMPOST

Effect of phosphorus fertilizers on the microflora of peat crumb during composting. F. P. Vavula. Vestsi AN BSSR. Ser. sel'k. nauch. no. 3-64-69 '65.

COMPRESSED AIR

Automation of compressor stations at the Degtyarka Copper Mine. N. E. Indenbaum. Gor. zhur. no. 8: 39-42 Ag '65.

COMPRESSED WOOD

see Wood, Compressed

COMPRESSORS

Axial compressor stage with reactance step $\theta \approx 0, 75$. G. A. Khanin, D. M. Laseva. Energomashinoostroenie 11 no. 8-5-7 Ag '65.

Burbling boundary in compressor cascades. R. M. Fedorov. Izv. AN SSSR. Energ. i transp. no. 4-91-97 Ji-Ag '65.

Calculation of aerodynamic characteristics of axial-flow compressor stages using generalized dependences. G. A. Bykov. Teploenergetika 12 no. 11-70-81 N '65.

1:1 critical model of a piston type compressor station. N. Z. Aronov and others. Prom. energ. 20 no. 10-13-15 O '65.

Method for determining the design parameters of the turbine stage of a turbocompressor operating on a two-phase medium with variable parameters from a two-phase diesel engine. O. N. Alekseev. Energomashinoostroenie 11 no. 8-8-11 Ag '65.

One of the methods of controlling the performance of a piston compressor. A. I. Borokhovskiy. Gor. zhur. no. 8-3-31 Ag '65.

Study of duct-vaned diffusers of centrifugal compressors. N. N. Lukhachin, A. I. Ruzhitskiy. Energomashinoostroenie 11 no. 8-1-5 Ag '65.

COMPRESSORS—ABSTRACTS

[Journal of abstracts: Manufacture of pumps and compressors] Ref. zhur. : Masosheni, i kompressornostroyeniye nos. 10-11 O-N '65

COMPRESSORS—ELECTRIC DRIVING

Automation of compressor stations with electrically driven compressors. IA. A. Belomov, A. S. Shabanov, A. L. Kaplan. Za tekh. prog. 5 no. 9-3-6 Ag '65

COMPRESSORS—MAINTENANCE AND REPAIR

Make sure of the normal operation of compressors. D. P. Gorbachev, D. L. Gai-buz. Neft. prom. i prom. 9 no. 9-12-11 S '65.

COMRADES COURTS

(see also subdivision under Ukraine)

Application of the general rules of judicial law in the practice of comrades' courts. I. I. Mat. Ilyevskiy. Sov. gos. i pravo 35 no. 10-110-114 O '65.

Intensify the control of the decision making by comrades' courts. IU. Zay'lov. Sov. just. 20 no. 10-21-22 O '65.

Our replies to questions. Sov. just. 20 no. 10-24-25 '65

CONCRETE

(see also subdivision under Dneprodzerzhinsk Hydroelectric Power Station)

Gypsum-cement pozzolanic concretes for carrying panel structures. A. V. Volzhenskii, V. I. Stambuk, IA. I. Aradovskii. Bet. i zhel. bet. 11 no. 10-33-36 O '65.

Initial pressure gradient of water permeation in heavy concrete. V. N. Zhilenkov. Izv. VNIIG 70:101-109 '61.

Instructions for planning and calculating the composition of heavy concrete. A. I. Avakov, A. I. Rudakov. Trudy inzh. i tekhn. 6, Stroi. no. 1-27-33 '61.

Linking state of equilibrium of a concrete mixture. IU. IA. Shchegolev, A. R. Khvalen, T. P. Chikobani. Tekh. AN Gruz. SSR 39 no. 3-630-640 S '65.

Selecting normal concrete. G. I. Arzhai. Stroi. i arkh. Uzb. 6 no. 9-30-35 Ag '65.

Sixth Coordinating Conference on Hydrochemical Concrete. V. V. Strel'nikov, L. R. Vorevskiy. Gidrotex. 35 no. 8-60-81 Je '65.

Using karamit sand to improve the quality of karamit concrete. G. A. Petrakina. Stroi. i tekhn. 11 no. 10-27-28 O '65.

CONCRETE—CURING

Is steaming always necessary? S. N. Kozlovskiy, V. N. Makarevich. Stroi. i inzh. Uzb. 6 no. 9-10-13 S '65.

Pulse electric heating of external wall karamit-concrete panels. M. G. Ignorov. Neft. i stroi. 6 no. 9-23-24 S '65.

CONCRETE—PERMEABILITY

Experimental method of determining the permeability of concrete. V. N. Zhilenkov. Izv. VNIIG 70:107-201 '61.

CONCRETE—THERMAL PROPERTIES

Speed of heat evolution depending on the hardening temperature of concrete. I. D. Zaporozhets, V. V. Kuzel. Izv. VNIIG 70:90-94 '64.

CONCRETE—TRANSPORTATION

see subdivision under Kazakhstan

CONCRETE, REFRACTORY

see Refractory Concrete

CONCRETE BEAMS

see subdivision under Dneprodzerzhinsk Hydroelectric Power Station

CONCRETE BLOCKS—COOLING

Determining the temperature of a concrete block lying on old concrete or rock. (Finding the function of cooling). N. A. Vukolich. Trudy Leningradskoye no. 1-128-134 '64.

CONCRETE BLOCKS—THERMAL PROPERTIES

Criterion of the crack resistance under the action of temperature of a concrete block rigidly fastened in the foundation. V. D. Dubingo. Izv. VNIIG 70:305-330 '64.

CONCRETE BRIDGES

see Bridges, Concrete

CONCRETE CONSTRUCTION

Concrete lining of the workings of scraper levels in ore mines. N. P. Zinchevskiy and others. Met. i gor. i gorn. prom. no. 4-77-78 Ji-Ag '65.

CONCRETE CONSTRUCTION (Continued)

Installation of concrete embankments against waves without compression joints. E. V. Lubochkov. Izv. VNIIG 76:233-243 '65

Pneumatic manipulator for concrete breakers. Stroi. i arkhitekt. Uzb. 6 no. 3-5 M '65

CONCRETE CONSTRUCTION—FORMWORK

Rack and lever drive of machinery for shaping and compressing cutting chambers. Stroi. i arkhitekt. Uzb. 6 no. 9:24 S '65

CONCRETE CONSTRUCTION, PRECAST see Precast concrete construction

CONCRETE DAMS see subdivision under Biatok Hydroelectric Power Station

CONCRETE FLOORS see Floors, Concrete

CONCRETE PAVEMENTS see Pavements, Concrete

CONCRETE PILING see subdivision under Kazakhstan

CONCRETE PIPE see Pipe, Concrete

CONCRETE PLANTS

Mobile installation for preparing reinforced concrete rings. I. A. Sukovskii. Stroi. i arkhitekt. Uzb. 6 no. 10:10-12 O '65

CONCRETE PLANTS—EQUIPMENT AND SUPPLIES

How to evaluate the use of capital assets? I. U. Bruman. Evon. stroi. no. 10:30-31 O '65

CONCRETE PRODUCTS

Method of hot molding of concrete mixes and the outlook for its use. M. Simonov. Prom. Arm. 8 no. 8:22-25 Ag '65

Provide new efficient elements of standard hydraulic structures for irrigation purposes. L. N. Dubinin. Stroi. i arkhitekt. Uzb. 6 no. 3:20-22 M '65

CONCRETE REINFORCEMENT

Glass reinforced concrete in the national economy. I. U. Biriukovich, V. Serbin, D. Biriukovich. Inform. biul. VDNKh no. 3:8-11 M '65

Properties of high-strength reinforcement subject to the electroheating. F. M. Gorodetskii and others. Bet. i zheli. bet. 11 no. 10:15-18 O '65

Stain-hardened steels for concrete reinforcement. K. A. Morozov. Trudy Un. duzh. nat. 6, Stroi. no. 1:31-62 '64

Study of the mechanical properties of twisted reinforcement. K. A. Morozov. Trudy Un. duzh. nat. 6, Stroi. no. 1:3-17 '64

Such will be the reinforcement plant of the Tashkent Housing Construction Combine. A. V. Golubev, V. V. Kozlov. Stroi. i arkhitekt. Uzb. 6 no. 1:15-10 Ja '65

CONCRETE REINFORCEMENT—BOND

Effect of the early drying of concrete and of the temperature and moisture drops in the atmosphere on the effectiveness of the adhesion of reinforcement with concrete. R. I. Ananov, G. N. Sukovskii. Stroi. i arkhitekt. Uzb. 6 no. 9:12-17 S '65

CONCRETE REINFORCEMENT—CORROSION

Corrosion of steel reinforcement in nonautoclave gas-saturated concrete. S. I. Bugim. Bet. i zheli. bet. 11 no. 10:38-41 O '65

CONCRETE ROOFING see Roofing, Concrete

CONDENSATE OIL WELLS see subdivision under Bashkila

CONDENSATION

Rate of homogeneous condensation of vapor. A. G. Amelin. Koll. zhur. 27 no. 5:833-838 S-O '65

Some regular features of the volume condensation of metals and alloys. L. S. Palatnik, G. V. Fedorov, P. N. Bogatov. Fiz. tver. tela 7 no. 9:2648-2654 S '65

CONDENSATION PRODUCTS (CHEMISTRY)

Study of condensed systems at low temperatures; All-Union conference in Kvan. P. S. Kondratenko. Vest. AN SSSR 35 no. 10:122-125 O '65

CONDENSERS (ELECTRICITY)

Gulevich, A. L., and A. P. Kirceev. [Manufacture of power condensers] Proizvodstvo silovykh kondensatorov. Moskva, Vysshaya shkola, 1965. 355 p.

Some critical remarks on I. U. G. Piskov's article "Distribution of the intensity of an electric field in a cylindrical condenser." S. K. Medvedev. Elektrichestvo no. 10: 89-92 O '65

Special features of the operation of condenser banks. Energetik 13 no. 10:20 O '65

CONDENSERS (ELECTRICITY)—RELIABILITY

Physical conditions of effective flaw detection in high-voltage impulse capacitors. P. V. Borisoglebskii, A. S. Kudratiyev. Izv. AN Uz. SSR. Ser. tekhn. nauk 9 no. 4: 11-10 '65

CONDENSERS (STEAM)

Automatic regulation of condenser level in turbine condensers. S. S. Gorbatenko. Energetik 13 no. 10:15 O '65

Automation of the retention of optimum vacuum conditions in the condensers of steam turbine systems. I. U. Chukhovich. Teploenergetika 12 no. 11:41-46 N '65

Design of condensing systems for large turbine units. L. D. Berman. Teploenergetika 12 no. 11:34-40 N '65

CONDENSERS (VAPORS AND GASES)

Designs of mixing condensers. O. P. Litvin. Khim. i nef. mashinost. no. 9:7-8 S '65

CONDITIONED RESPONSE

Cardiac conditioned reflexes in fish with removed cerebellum. V. L. Binski, A. M. Vinnitskii. Dokl. AN SSSR 161 no. 5:132-135 O '65

Characteristics and origin of delayed reactions in dogs. I. S. Beritashvili, I. M. Alvarashvili, T. S. Chikoladze. [Trudy] Inst. fiziol. AN Gruz. SSR 14:23-38 '65

Conditioned phagocytic and oculocardiac reflex in schizophrenics. B. I. Shostakov, V. S. Gas'kov. Trudy Vor. med. inst. 51:177-181 '63

Conditioned phagocytic reflex in schizophrenia. V. S. Gas'kov. Trudy Vor. med. inst. 51:225-229 '63

Conditioned reflexes in dogs following section of the brain. V. M. Mosidze. Dokl. AN SSSR 161 no. 5:1201-1203 O '65

Conditioned response in rats irradiated with a single X-ray dose of 1 r in the period of prenatal development. V. N. Semagin. Biol. eksp. biol. i med. 60 no. 9:43-46 S '65

Conditioned response to verbal stimuli in swine. V. O. Konukhova. Fiziol. zhur. [Ukr.] 11 no. 1:154-162 Ji-Ag '65

Enzymatic adaptation of gastric glands to meat proteins and gluten in simulated feeding. B. I. Sobol, I. U. A. Kulik. Biol. eksp. biol. i med. 60 no. 9:27-30 S '65

CONDUCT OF LIFE

Overshooting the survival of capitalism in people's consciousness and conduct during the period of the building of communism. N. Ushakov. Trudy MHT no. 180:131-142 '65

CONDUCTOMETRIC ANALYSIS

Acid-alkali function of ribonucleic acid and the determination of ribonuclease activity by conductometric titration. I. A. Epstein. Biokhimiia 30 no. 5:954-960 S-O '65

Amperometric titration of fluorine ions with zinc complex salts. V. P. Novak, B. E. Reznik, V. F. Mol'tsev. Zhur. anal. khim. 20 no. 8:827-830 '65

Comparison of platinum oxide and glass indicator electrodes in acid-base titration. Effect of nonaqueous solvents, the nature of the titrant, and various additions. V. E. Potravskii, O. M. Polukhovskaya, I. A. L. Ts'han. Zhur. anal. khim. 20 no. 8:785-789 '65

Determination of chromium and vanadium in alloyed steels by amperometric titration method with two indicator electrodes. A. I. Filenko. Izv. vys. ucheb. zav. i khim. i khim. tekhn. 8 no. 3:387-401 '65

High-frequency titration of dimethylglyoxime acids in a dimethylformamide medium. A. P. Kreshkov, L. N. Dykova, O. F. Khilova. Zhur. anal. khim. 20 no. 8: 840-844 '65

Method of determining the replacement scheme in conductometric cell. V. I. Onukhov. Dokl. AN SSSR 9 no. 1:40-50 Ja '65

Rapid method for the determination of silver by anodic amperometric titration with sodium diethyldithiocarbamate in an ammonia medium. V. I. Lotareva. Zhur. anal. khim. 20 no. 8:790-792 '65

Wide-range apparatus for high-frequency noncontact titration. V. S. Andreev and others. Lab. delo no. 10: 614-617 '65

CONFECTIONERY

Candy. M. M. Istomina, R. I. A. Grolser. Khleb. i kons. prom. 9 no. 10:11-14 O '65

Flour confectionery. L. I. Tokarev. Khleb. i kons. prom. 9 no. 10:9-11 O '65

Fruit jellies and "pastilla" sweets. L. B. Sosnovskii. Khleb. i kons. prom. 9 no. 10:7-9 O '65

Performance of the SsAZ wrapping machines in the confectionery line. G. L. Mafitis, I. V. Ugodnikov, G. B. Kogan. Khleb. i kons. prom. 9 no. 6:37 Ja '65

Some results of the study of the structural and mechanical properties of creamed sugar mass. M. P. Gogueva. Khleb. i kons. prom. 9 no. 10:20-24 O '65

Striving for the application of communist competition methods. M. G. Voskoboynikova. Khleb. i kons. prom. 9 no. 6:22-23 Ja '65

Velocity of the propagation of ultrasonic waves in candy intermediate products. R. V. Teplova, V. N. Nikiforova. Khleb. i kons. prom. 9 no. 10:18-20 O '65

CONFECTIONERY—EQUIPMENT AND SUPPLIES

Automatic system for pouring fruit jelly mass into molds. N. A. Priolov. Khleb. i kons. prom. 9 no. 10:44-45 O '65

Experimental determining of air rarefaction and consumption in vacuum grippers. I. U. V. Bulina, Khleb. i kons. prom. 9 no. 6:15-18 Ja '65

CONFECTIONERY—QUALITY CONTROL

Improvement of the quality of production in the confectionery industry. I. U. V. Bulina, Khleb. i kons. prom. 9 no. 10:1-5 O '65

CONFECTIONERY INDUSTRY—FINANCE

Accounting and analysis of the degree of utilization of capital assets in the confectionery industry. I. A. Navol'mina. Khleb. i kons. prom. 9 no. 10:35-37 O '65

CONFECTIONERY INDUSTRY—LABOR PRODUCTIVITY

Organization of material handling operations in confectionery enterprises. V. I. Mina, Khleb. i kons. prom. 9 no. 10:37-38 O '65

Romashkina, A. F. [Potentialities for an increase in labor productivity in the confectionery industry] Rezervy rosta proizvoditel'nosti truda v konditerskoj promyshlennosti. Moskva, Pishchevala promyshlennost', 1964. 213 p.

CONFISCATIONS

Confiscatory consequences attached to transactions adverse to the interests of the socialist state and society. Izv. vys. ucheb. zav. i prav. 9 no. 1:50-57 '65

CONFORMAL MAPPING

Continuation of perfect mappings to ∞ -extensions. P. K. Oenatesku. Dokl. AN SSSR 161 no. 5:985-988 O '65

Determination of boundary elements by means of cross sections. V. Zolich. Dokl. AN SSSR 164 no. 4:730-738 O '65

Some extremum problems for mappings quasiconformal in the mean. P. A. Bilita. Sib. mat. zhur. 6 no. 1:117-126 Ji-Ag '65

CONGO (BRAZZAVILLE)—POLITICS AND GOVERNMENT

Brazzaville is growing stronger in struggle. Alphonse Massamba-Deba. Az. i Afr. seg. 9 no. 10:31-32 O '65

CONGO (LEOPOLDBVILLE)—SECURITIES

Fate of the Congolese portfolio. I. U. Gusev. Mir. ekon. i mezhdunar. otn. no. 11:133-136 '65

CONGRESSES AND CONVENTIONS

[Bulletin of international scientific meetings, conferences, and congresses] Biul. n. ezhidunar nauch. s'ezd., konf. i kongr. no. 9 '65

CONJUNCTIVITIS

Rickettsial keratoconjunctivitis in cattle. A. F. Rusinov. Veterinariia 42 no. 10:26-31 O '65

CONNECTIVE TISSUES—CANCER

Inclusion of P32 in nucleic acids and of S35 in proteins of malignantly degenerating capsules of connective tissues. A. Kh. Kogan, G. A. Malov, N. S. Kalebina. Vop. med. khim. 11 no. 1:70-75 Ja-F '65

CONSCIOUSNESS

On the review of A. Gvellido's work "Concerning the nature of consciousness." M. Kiz'tov. Nauch. dokl. vys. shkoly, filoz. i nat. 8 no. 5:139-142 '65

CONSERVATION OF NATURAL RESOURCES—STUDY AND TEACHING see subdivision under Chuvashia

CONSTITUTIONAL LAW

Concept, subject matter and sources of constitutional law. A. I. Lepezhkin, A. Kh. Makhnenko, B. V. Shchetinin. Izv. vys. ucheb. zav. i prav. 9 no. 1:28-33 '65

CONSTRUCTION EQUIPMENT

(see also subdivision under Dneprodzerzhinsk Hydroelectric Power Station)

Analysis of the use of equipment in the construction of the means of transportation. V. Balakin. Plan. khoz. 42 no. 11:77-78 N '65

Building machines of foreign countries at the Moscow International Exhibition. A. I. Saifonov. Gidr. stroi. 35 no. 6:51-56 Ja '65

Determining the economic effect of introducing new equipment. Stroi. i arkhitekt. Uzb. 6 no. 1:47-48 Ja '65

Device for compressing the floor of a reservoir. Stroi. truboprov. 10 no. 10:24 O '65

Disk-type smoothing machines for reinforced concrete products. A. V. Bolotnyi. Stroi. i dor. mash. 10 no. 8:30-32 S '65

Is it necessary to pay for capital assets in construction? B. Valnshteyn. Ekon. stroi. no. 10:51-53 O '65

List of serial building and finishing machines and auxiliary equipment. Stroi. i dor. mash. 10 no. 9:33-35 S '65

Once more on the mechanization of construction work. Mekh. stroi. 22 no. 8:27 Ag '65

Utilization of machines in rural construction. M. A. Oreshin and others. Mekh. stroi. 22 no. 8:13-15 Ag '65

CONSTRUCTION EQUIPMENT--ABSTRACTS

[Construction equipment and road machinery] Ref. zhur. Stroitel'stvo mash. nos 10-11 O-N '65 Predmetnyy ukazatel' za 1961 g

CONSTRUCTION EQUIPMENT--MAINTENANCE AND REPAIR

Makrushin, A. Ia. [Improving the quality of the repair of construction equipment and road machinery] Povyshenie kachestva remontov stroitel'nykh i dorozhnykh mashin Leningrad, 1965 24 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy Proizvodstvennyi opyt Stroi'tel'stvo proizvodstv)

CONSTRUCTION EQUIPMENT INDUSTRY

Measures for carrying out the overall mechanization plan in 1965 Mekh, stroi 22 no. 8 27-30 Ag '65.

Prospects for the production and exploitation of construction and road equipment. V. Rostolskii Vneshtorg 45 no. 10 17-19 '65

Regulations for designing and manufacturing new construction machinery and equipment. Mekh, stroi. 22 no. 8 26 Ag '65

CONSTRUCTION EQUIPMENT INDUSTRY--EXHIBITIONS

Muscovites share their experience. A. Ambartsumova Inform. biul. VDNKh no. 3 22-23 Ii '65

CONSTRUCTION INDUSTRY

(see also subdivision under Chalyabinsk; Fergana Province, Kazakhstan, Leningrad, Lithuania, Moldavia, Novorossiysk, Russia, Northern, Ryazan Province, Soviet Central Asia, Uzbekistan)

Automated method of planning assembly-line organization of operations (AMPPOR). L. I. U. Shchelnuk, I. A. Ivanov, L. P. Khort Vych. i org. tekhn. v stroi. i proekt. no. 2 18-29 '64

Complete the construction of grain receiving stations without delay. Stroi. stroi. 20 no. 0 1-2 S '65.

Economic principle of the experiment B. Zarembo Ekon. stroi. no. 9 42-44 S '65

Guiding materials for computing estimated costs and making payments for finished construction and assembly work. Na stroi. Ros. 6 no. 9 32 S '65

In the Ministry of Construction of the R. S. F. S. R. Na stroi. Ros. 6 no. 9 30 S '65

In the State Committee on Civil Engineering and Architecture attached to the State Committee on Construction of the Council of Ministers of the U. S. S. R. Biul. stroi. i tekhn. 27 no. 9 22 S '65

In the State Committee on Construction of the Council of Ministers of the R. S. F. S. R. Na stroi. Ros. 6 no. 9 31 S '65

In the State Committee on Construction of the Council of Ministers of the U. S. S. R. Biul. stroi. i tekhn. 27 no. 9 21-22 S '65

In the State Committee on Construction of the Council of Ministers of the U. S. S. R. Stroi. i arkh. Uzb. 6 no. 1 51-52 Ja '65

In the State Committee on Construction of the Council of Ministers of the U. S. S. R. Stroi. i arkh. Uzb. 6 no. 3 50-51 Mr '65

Integrated structural-work brigades of business accounting. A. P. Degtiarev. Mekh, stroi. 22 no. 8 1-4 Ag '65.

Method of calculating the production capacity of construction organizations. I. A. Mordukovich. Stroi. i arkh. Uzb. 6 no. 10 36-39 O '65.

On Lenin's path. Stroi. i arkh. 11 no. 7 1a-1b Ji '63.

Sequence in carrying out planned operations on the reconstruction and integration of standard projects. Biul. stroi. tekhn. 27 no. 5 12 S '65

Sokolov, G. D. [Organization of construction of oil fields] Organizatsiya stroitel'stva neflanykh promyslov. Moskva, Nedra, 1965. 191 p.

Specialization in the construction of residential houses and municipal buildings. A. Popov. Stroi. i arkh. 13 no. 9 28-31 S '65.

Support a valuable initiative. A. Klushin. Na stroi. Ros. 6 no. 9 20 S '65

Using methods of operational research in construction. V. A. Russkikh. Vych. i org. tekhn. v stroi. i proekt. no. 2 13-17 '64.

What can be accomplished by the combined work organization in the construction of foundation. L. Bakurova. Na stroi. Ros. 6 no. 9 12-13 S '65

CONSTRUCTION INDUSTRY--ACCOUNTING

(see also subdivision under Kazakhstan)
For effectiveness in economic analysis. E. Grunzburg. Stroi. i arkh. Uzb. 6 no. 1 50 Ja '65

Mechanization of accounting in the construction industry. S. D. Kravtsov. Vych. i org. tekhn. v stroi. i proekt. no. 1 17-20 '64.

CONSTRUCTION INDUSTRY--AUDITING AND INSPECTION

Let's put construction under unremitting control. V. A. Aralov. Sots. obesp. 26 no. 11 4-7 N '65.

CONSTRUCTION INDUSTRY--COMPUTER PROGRAMS

Information program RM-1 (use of materials). A. M. Gorlov, V. P. Ignatov. Vych. i org. tekhn. v stroi. i proekt. no. 3 9-12 '64.

CONSTRUCTION INDUSTRY--COSTS

(see also subdivision under Latvia)

Is it efficient to use the index of the standard cost of production? V. Zaitsev, D. Shapochkin, V. Kopelevich. Ekon. stroi. no. 9 45-10 S '65.

There must be greater precision in formulating the procedure for determining the planned cost of unfinished products. V. N. Shutov. Stroi. truboprov. 10 no. 10 32 O '65.

CONSTRUCTION INDUSTRY--EXHIBITIONS

Consolidated "Construction" pavilions in the third quarter. M. Snesarev. Inform. biul. VDNKh no. 1 19-21 Ji '65

CONSTRUCTION INDUSTRY--FINANCE

(see also subdivision under Cherepovets, Vologda Province, Lipetsk)

Important means for improving construction. P. Podablenko. Fin. SSSR 39 no. 10 34-61 O '65.

New rules of financing construction. I. Semenov. Ekon. stroi. no. 10 1-9 O '65.

Role and tasks of the chief economist in a construction organization. E. Ia. Kineleva. Stroi. truboprov. 10 no. 10 27-28 O '65.

Strengthen payment discipline in construction. G. Podshvalenko. Ekon. stroi. no. 9 35-37 S '65

There is a need for rules and norms for economic justification. V. Klevskii. Ekon. stroi. no. 9 50-52 S '65.

CONSTRUCTION INDUSTRY--FORMS, BLANKS, ETC.

Form of orders for copying and duplicating work. E. I. Afanas'eva. Vych. i org. tekhn. v stroi. i proekt. no. 1 88-93 '64.

CONSTRUCTION INDUSTRY--LABOR PRODUCTIVITY

Determining the productive capacity of construction and assembly organizations. Z. Berman, S. Soskin, N. Leonova. Stroi. i arkh. Uzb. 6 no. 1 35-39 Ja '65.

Integrated crews. T. Davydov. Inform. biul. VDNKh no. 3 10-20 Mr '65.

CONSTRUCTION INDUSTRY--MANAGEMENT

(see also subdivision under Moscow Province; Russia, Northern; White Russia)

Consolidated planning no. 1, lower echelon operation and production planning, and business accounting in brigades. O. Babushkina, V. Khvilkina. Na stroi. Ros. 6 no. 9 11-12 S '65.

Current problems of planning for capital construction. A. Elmekdzhiyan. Plan. khoz. 42 no. 11 16-23 N '65.

The economic council of an administration. A. Pedder, V. Vlasovskii. Ekon. stroi. no. 10 14-16 O '65

Efficiency of traveling enterprises in the construction industry. A. B. Nemchinskii. Stroi. i dor. mash. 10 no. 10 34-37 O '65.

Long-term planning of construction by the methods of linear programming. L. E. Vand. Vych. i org. tekhn. v stroi. i proekt. no. 1 40-43 '64.

Mashek, A. A., and N. M. Zaslavskii. [Operational control in construction] Operativnyi kontrol' v stroitel'stve. Kiev, Budivelnik, 1965. 84 p.

Method of the critical path in the control of construction production. K. G. Romanova. Vych. i org. tekhn. v stroi. i proekt. no. 1 3-8 '64.

New developments in supplying buildings under construction with materials and equipment. V. V. Lebedev, R. M. Poltanski, N. F. Shershneva. Vych. i org. tekhn. v stroi. i proekt. no. 3 21-26 '61.

Profitability of the construction industry. Ekon. stroi. no. 9 38-41 S '65

Some problems in long-term planning of housing construction by mathematical methods. O. A. Meremian. Vych. i org. tekhn. v stroi. i proekt. no. 1 44-46 '64.

Use of probable and statistical estimates in the study of operations in construction. V. A. Russkikh. Vych. i org. tekhn. v stroi. i proekt. no. 3 13-21 '64.

CONSTRUCTION INDUSTRY--MATHEMATICAL MODELS

Mathematical programming for the organization of construction production. E. Maltsev. Ekon. stroi. no. 10 54-58 O '65.

CONSTRUCTION INDUSTRY--MECHANIZATION

(see also subdivision under Kazakhstan)

CONSTRUCTION INDUSTRY--PERIODICALS

Readers' conference in Penza. Ekon. stroi. no. 10 72 O '65.

Survey of the magazine "Ekonomika stroitel'stva" during 1964 (nos. 1-6). M. B. Skotnikova. Vych. i org. tekhn. v stroi. i proekt. no. 3 91-92 '64.

CONSTRUCTION INDUSTRY--PRICES

Price determination in construction and ways to improve it. S. Reinin. Ekon. stroi. no. 9 53-58 S '65.

CONSTRUCTION INDUSTRY--PRODUCTION METHODS

(see also subdivision under Europe, Eastern)

By the method of housing construction combines. G. I. Sukharov. Stroi. i arkh. Uzb. 27 no. 8 1-3 Ag '65

Reducing manual work in the power engineering construction. P. K. Moroz. Mekh, stroi. 22 no. 6 6-8 Ag '65.

CONSTRUCTION INDUSTRY--PRODUCTION STANDARDS

(see also subdivision under Ukraine, Uzbekistan)

CONSTRUCTION INDUSTRY--QUALITY CONTROL

(see also subdivision under Leningrad)

All-Union Public Inspection of the Quality of Construction Work and the Competition for the Best Results in Construction Work Using Standard and Economic Properties. Stroi. i arkh. Uzb. 6 no. 8 10-12 Ag '65

Important experiment. I. Akhmedov. Ekon. stroi. no. 10 18-20 O '65.

Large groups of builders should take part in the struggle for the improvement of the quality of construction work. B. Kozlov. Stroi. i arkh. 19 no. 8 2-2 '65

Results of the All-Union Public Inspection of the Quality of Construction Work. Biul. stroi. i tekhn. 27 no. 9 1-3 S '65

Third All-Union Public Inspection of the Quality of Construction Work. E. A. Rukhovich. Stroi. i arkh. 11 no. 10 22-23 O '65.

CONSTRUCTION INDUSTRY--SAFETY MEASURES

Conference-norming on problems of the safety of working. N. P. Sugichov. Biul. stroi. i tekhn. 27 no. 9 1-3 S '65.

CONSTRUCTION INDUSTRY--SCHEDULING

(see also subdivision under Krasnodar, Uzbekistan)

Algorithm and program of the determination of the critical path and time reserves of network scheduling of the BESM-2M electronic computer. A. M. Gorlov. Vych. i org. tekhn. v stroi. i proekt. no. 1 23-31 '64.

Creative research on one-on-one views? V. Cherenish. Na stroi. Ros. 6 no. 9 7-9 S '65.

Demonstration building using graphic work schedule. I. U. Shaiy. Na stroi. Ros. 6 no. 8 1-2 S '65

Lelkind, I. U., and N. P. Suvorov. [Critical selection of design and planning decisions: a method of network scheduling] Kriticheskiy izbor proektirovaniykh reshenii, metod sotsvetovogo planirovaniya. 2, izd. Moskva, Ekonomika, 1965. 64 p.

Manual preparation of graphic work schedule. I. U. Shaiy. Stroi. i arkh. 13 no. 8 27-28 S '65

Network schedule (cyclogram) for continuous construction. O. Rubinskaya. Stroi. i arkh. 11 no. 1 23-27 S '65.

New developments in the organization require a constant support and attention. S. Kiselevskii. Na stroi. Ros. 6 no. 9 1-6 S '65.

Scheme of the principles of the construction organization of an industrial complex. V. A. Mikhel's. Vych. i org. tekhn. v stroi. i proekt. no. 2 29-35 '64.

Selection of initial data and the determination of the volume of work of specialized organizations. V. A. Mikhel's. Vych. i org. tekhn. v stroi. i proekt. no. 1 31 30 '64.

Seminar on "Methods of designing control of construction production by means of network scheduling." I. G. Romanova. Vych. i org. tekhn. v stroi. i proekt. no. 1 91 '64.

Smithov, I. U. A. [Practice in the introduction of the system of management and planning based on network scheduling; experience of Construction Administration No. 46 and the State Technical Administration for Improving Work Methods in Construction of the Main Construction Administration of the Western Region] (Prilozheniya k sisteme upravleniya i planirovaniya v stroytel'stve vyznykh grafikonov, opyt STU-46 i Otkhishskaya tsekhovaya Leningrad, 1965. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy Proizvodstvennyi opyt Stroi'tel'stvo proizvodstv)

Some problems of network scheduling solved by electronic computers. N. V. Skrydlov, E. A. Rubinskaya, B. Skrydlov. Vych. i org. tekhn. v stroi. i proekt. no. 1 26-30 '64.

A system of making up a complete set of supplies necessary for construction projects, and the network schedule. A. Kondashov, I. Ovina, S. Rubinskaya. Ekon. stroi. no. 9 30-34 S '65.

Working out a network schedule for building a natural gasoline plant. A. G. Moskvitsov, I. N. Efremov. Stroi. truboprov. 10 no. 10 11-16 O '65.

CONSTRUCTION INDUSTRY--STANDARDS

Basic organizations on standardization. Biul. stroi. i tekhn. 27 no. 9 17-18 S '65.

Corrections to the chapter "Construction specifications and regulations Pt. 2, Sec. I, ch. 1, 1962." Biul. stroi. i tekhn. 27 no. 9 5 S '65.

Corrections to the chapter "Construction specifications and regulations Pt. 3, Sec. V, ch. 3, 1962." Biul. stroi. i tekhn. 27 no. 9 5 S '65.

Standardization in housing construction. G. Krasov. Standartizatsiya 20 no. 8 27 '65.

CONSTRUCTION WORKERS--DISEASES AND HYGIENE

Bitumen burns in construction workers. G. Ia. Klyukin. Ortop., travm. i protez. 26 no. 5 46-40 My '63

CONSTRUCTION WORKERS—EDUCATION AND TRAINING
Nesterov, A. K. [Masters of construction] *Mastria stroitel'nogo proizvodstva* [Moskva] Moskovskii rabochii, 1965. 110 p.

CONSUMER'S GOODS see Russia—Manufactures

CONTAINERS

(see also subdivision under *Teinopol' Province*)

Evaluating the stressed state of a cylindrical container on a model. IU. I. Kochnev, B. L. Faltseiman, V. S. Logunov. *Stroitel'naya tekhnika*, 7 no. 5 49-52 3 of cover '65.

Iakovlev, P. S., B. M. Nikolaev, and L. D. Pashkov. [Providing containers for sanitary fixtures, materials, and heating equipment] *Kontainerizatsiya sanitarno-tekhnicheskikh izdelii, materialov i otopitel'nykh priborov*. Moskva, Stroizdat, 1965. 79 p.

CONTAINERS—ABSTRACTS

[Container shipments and the interaction of various types of transportation] *Ref zhuk. : Vzaimeotsnizheniye vidov transporta konteynerov* nos 10-11 O-N '65

CONTAINERS—TESTING

Economic efficiency of mass control of the air-tightness of filled canned food containers. V. Z. Zhadan, Koms. i sov. prom., 20 no. 10 31-32 O '65.

CONTINUOUS FUNCTIONS see Functions, Continuous

CONTRACTS

Distinctive characteristics of regulatory provisions concerning invalid transactions under the new Soviet civil law. O. A. Kravchikov. *Sov. gos. i pravo*, 35 no. 10 36-43 O '65.

Need to revise the model contract for guard services furnished by nonmilitary organizations. G. Dubakikh, E. Shestennin. *Sov. iust*, 29 no. 19-13-15 O '65.

Organizational experience with the contracting system of a steel plant. G. V. Bychkovskii. *Sov. gos. i pravo*, 35 no. 10 86-91 O '65.

CONTRACTS, ILLEGAL see Illegal contracts

CONTRAVENTIONS (CRIMINAL LAW) see subdivision under Ukraine

CONTROLLERSHIP, COMMUNIST see Auditing and Inspection

CONVERTERS

Advantage of interlocking converters with air blowers. O. G. Olesov. *TSvet. met.*, 38 no. 8 11-12 Je '65.
[The use of interlocking converters in the metallurgical industry] *Teoriya i praktika intensivnykh i maletsnovykh konvertirovaniy i maitenovskikh pechakh* [Trudy]. [Moskva] Metallurgiya, 1965. 352 p.

CONVERTERS—DESIGN AND CONSTRUCTION

Smelting of steel in oxygen and steam-blown converters with an acid lining. N. I. Goncharenko and others. *Met. i gor. prom. prom.*, no. 1 20-25 Ji-Ag '65.

Temperature field of a 50-ton converter lining. IU. I. Tselidko, L. A. Vishnevskaya, G. P. Gul'ev. *Ogneupoy*, 30 no. 10 15-21 '65.

CONVERTERS—EQUIPMENT AND SUPPLIES

Metallurgical temperature control in converters with the use of ceramic metal silicon nitride tips. S. M. Sushuk and others. *Prikladnaya tekhnika*, 4 no. 5 90-101 S-O '61.

CONVEYING MACHINERY

Horizontal and face conveyor for the transport of glassware to the lathe. M. M. Anichkov. *Leh. prom.*, no. 2 39 Ap-Fe '65.

Introducing the K-1 longitudinal cable conveyor. G. K. Sokol'skii, D. V. Kurnetsov. *Bud. tekhn. i ekon. inform. Gos. nauch.-issl. inst. mash. i tekhn. inform.*, 18 no. 9 39-40 S '65.

Loading on a conveyor. N. Bolgarov. *NTO*, 7 no. 10 17-19 O '65.

Mechanization of the conveying of woven b' beams and of their installation on looms. M. M. Gial'perin. *Tekst. prom.*, 25 no. 9 5-12 S '65.

Mechanizing the conveying of molten bitumen during the laying of soft roofs. A. Shaposhnikov, B. Aushanov. *Stroitel'naya tekhnika*, 7 no. 1 13 Ja '65.

New-type vibratory conveyor. I. P. Shashkov. *Stroitel. i dor. mash.*, 10 no. 10 17-18 O '65.

Operating conditions of a vertical screw conveyor in soil transportation. V. I. Oboznenkin. *Izv. vys. ucheb. zav., mashinostr.*, no. 6 118-150 '65.

"Sputnik" for conveying money and sales checks. I. Ibratman. *Sov. tor.*, 39 no. 10 51-52 O '65.

Vertical vibratory conveyor. V. N. Gusev, G. V. Iakovleva. *Rybn. khoz.*, 41 no. 9 70-71 '65.

CONVEYING MACHINERY—DESIGN AND CONSTRUCTION

Eliminate defects in the construction and use of belt conveyers. V. G. Arshava, G. P. Ivanchenko, B. I. Iserov. *Bezop. i tuda. v. prom.*, 9 no. 9 1-6 S '65.

CONVEYING MACHINERY—MEASUREMENT

Counter of volumetric productivity of conveyors. M. I. Frenkel', M. B. Berenboim, M. M. Mandel'blat. *Stroitel. i dor. mash.*, 10 no. 10 16-20 O '65.

CONVEYING MACHINERY—MODELS

Economic and mathematical modeling of loading and transportation operations in strip mining. K. E. Vinitskii, E. I. Rontovich. *Nauch. soob. IGD*, 24 31-40 '65.

CONVEYING MACHINERY—VIBRATION

Some theoretical prerequisites of the orientation and moving of fish by directed vibrations. A. Z. Umantsev, L. M. Stolin. *Trudy Kal'tsh. inst. i v. prom. i khoz.*, no. 18 251-262 '63.

CONVICT LABOR

Coordinated development of problems coming up in the fields of criminal law, criminal procedure law and corrective labor law. N. A. Slutskov. *Izv. vys. ucheb. zav., prav.*, 9 no. 1 127-134 '65.

CONVULSIONS

Electroencephalographic data on the role of the cerebral cortex in the origin of oxygen seizures. I. B. Voronov. *Fiziol. zhar.*, 51 no. 7 777-783 '65.

COOKERY

Family cooking. I. Kas'ko. *Sem'ia i shkola*, 20 no. 9 43 S '65.

COOKERY (APPLES)

Out of apples. V. Vedyashko. *Doshk. vosp.*, 38 no. 9 57-58 S '65.

COOKERY (POTATOES)

[250 dishes made of potatoes] 250 blyud iz kartofella. Perm', Permskoe knizhnoe izd-vo, 1959. 110 p.

COOKERY, UKRAINIAN

Kiev. *Ukrains'kyi naukovo-doslidnyi instytut torbovli ta bromade koho kharchuvannya*. [Ukrainian dishes] *Ukrains'ki stravy. 4. vypravleniye vyd. Kyiv, Derzh. vyd-vo tekhn. lit-yi URSR*, 1963. 450 p. (CU)

COOLING TOWERS

Color waterpuffing of cooling towers on the basis of epoxy resin varnishes and paints. V. I. Safronchik. *Izv. VNIIO*, 76:333-341 '64.
Influence of wind on the operation of natural draft cooling towers based on domestic and foreign literature. L. G. Akulova. *Izv. VNIIO*, 76:351-364 '64.
Study of a water cooling tower with a dripping film-type sprinkler. V. I. Gorbenko, A. P. Sushina, M. N. Davydova. *Ing. tekhn.*, 13 no. 10 5-8 O '65.

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE HOUSING see Housing, Cooperative

COOPERATIVE MARKETING OF FARM PRODUCE see subdivision under Hungary, Krasnodar Territory

COOPERATIVE SOCIETIES

(see also subdivision under India, Ukraine)
Cooperative societies during the development of socialism. *Sov. potreb. koop.*, 9 no. 10 55-57 '65.
Let's bring the seven-year plan to a successful close. *Sov. potreb. koop.*, 9 no. 10 2-5 '65.
Management of shares. M. Levitskii. *Sov. koop.*, 9 no. 10 61-62 '65.

COOPERATIVE SOCIETIES—ACCOUNTING

Machin accounting of merchandise and settlement with customers. M. Zuev. *Sov. potreb. koop.*, 9 no. 10 38-42 '65.

COOPERATIVE SOCIETIES—AUDITING AND INSPECTION

Training of inspectors needs improvements. V. Isionov. *Sov. potreb. koop.*, 9 no. 10 47 '65.

COOPERATIVE SOCIETIES—EMPLOYEES

Agibetov, Asanzhan. [Special features of hiring and dismissing the workers of consumers' cooperatives] *Osobennosti priema i uvolneniya rabotnikov potrebitelskoi kooperatsii*. Moskva, Ekonomika, 1963. 70 p.

COORDINATION COMPOUNDS

Three-membered rings with coordination bonds. R. G. Kostinovskyi, A. K. Prokof'ev. *Dokl. AN SSSR*, 164 no. 5, 1054-1057 O '65.

COPEPODA—FOOD see subdivision under Black Sea

COPPER

A simplified method of determining copper in secondary sulfides after its extraction by thiocarbamide solutions in the course of chemical phase analysis. IU. V. Politova, L. D. Dolaberdze. *Trudy KIMS*, no. 5:113-115 '63.

COPPER—ANALYSIS

Determination of copper in ferrites. V. T. Vasilanko. *Zav. lab.*, 31 no. 9 1070-1071 '65.

COPPER—ELECTRIC PROPERTIES

Effect of admixtures on the electric conductivity of wire-bar copper. V. Melnikov, K. Lalaeva. *Prum. Arm.*, 8 no. 8 53-55 Ag '65.

COPPER—ELECTROMETALLURGY

Formation of selenium slimes during the electrolytic refining of blister copper. IU. N. Menzhulin, E. I. Ponomareva. *Trudy inst. met. i obog. AN Kazakh. SSR*, 12 113-141 '65.

Investigating conditions for the electrolytic refining of copper in a nickel-containing electrolyte. V. I. Kocherov, A. I. Levin, V. A. Mukhin. *Izv. vys. ucheb. zav., tsvet. met.*, 8 no. 5 54-58 '65.

COPPER—METALLURGY

(see also subdivision under Mednogorsk, Orenburg Province)
Advantage of interlocking converters with air blowers. O. G. Olesov. *TSvet. met.*, 38 no. 6 41-42 Je '65.

COPPER—PHYSIOLOGICAL EFFECT

Use of copper and iodine salts in animal husbandry in Kirghistan. R. N. Obneta, Vop. inten. sel'khoz. Kir., no. 1 71-86 '64.

COPPER ALLOYS—ANALYSIS

Copper alloys with a reduced content of nonferrous metals in short supply. *Trudy Giprosvetmetobrabotka*, no. 23 38-60 '65.

COPPER ALLOYS—TESTING

Structure and properties of copper base alloys with cobalt and silicon addition alloys. V. P. Grabin, IU. B. Malyskii. *Metalloved. i term. obr. met.*, no. 3 26-32 Mr '65.

COPPER CATALYSTS

Reduction reaction of phosphomolybdic acid by thiourea in the presence of copper ions. B. E. Reznik, L. P. Tsyganok. *Izv. vys. ucheb. zav., khim. i khim. tekhn.*, 8 no. 3 392-396 '65.

Vapor phase oxidation of xylenes on copper catalysts in the presence of heavy metal oxide admixtures. N. I. Popova, B. V. Kabakova. *Klin. i pat. G no. 3 169-503 My-Je '65.*

COPPER-CHROMIUM-IRON ALLOYS see Iron-copper-chromium alloys

COPPER COMPOUNDS

Cobalt and copper compounds with 2-chloro-1,3-butadiene. S. M. Avetian, R. A. Karapetian. *Zhur. ob. khim.*, 35 no. 9 1689-1692 S '65.

Formation of complex copper and ammonium ferricyanide of constant composition. A. S. Kuzlov. *Izv. AN SSSR. Neorg. mat.*, 1 no. 5 730-736 My '65.

Study of copper-pyridine complexes by the kinetic method. E. M. Strel'tsova, V. I. Petrashev'. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.*, 8 no. 3 373-377 '65.
Study of the transfer of copper compounds to steam in a boiler with supercritical parameters. Z. V. Deeva. *Teplotekhnika*, 12 no. 11 74-78 N '65.

COPPER COMPOUNDS—SPECTRA

Study of bis-(benzene- π - π -complex) copper by the electron paramagnetic resonance method. I. V. Mironovichko, G. M. Lashin. *Tsvet. i eksp. khim.*, 1 no. 4 515-548 '65.

COPPER CRYSTALS—DEFECTS

Study on the interaction between point radiation defects and dislocations. P. L. Grazin, IU. D. Zharov. *Dokl. AN SSSR*, 164 no. 6 1260-1262 O '65.

COPPER INDIUM TELLURIDE—THERMAL PROPERTIES

Thermal expansion and the Gr \ddot{u} neisen parameter for certain simple and complex semiconductors. S. I. Novikova. *Fiz. tver. tela*, 7 no. 2 2683-2687 S '65.

COPPER-MANGANESE-SILICON ALLOYS—ELECTRIC PROPERTIES

Electric properties of alloys in the system copper-manganese-silicon. L. A. Popova. *Izv. vys. ucheb. zav.; tsvet. met.*, 8 no. 5 108-112 '65.

COPPER METABOLISM

Copper and iron metabolism in anemia in guinea pigs. I. G. Priuev. *Vop. med. khim.*, 11 no. 1 65-70 Ja-F '65.

COPPER MINES AND MINING see subdivision under Degt'yarka region (Sverdlovsk Province)

COPPER MINES AND MINING—SAFETY MEASURES see subdivision under Armenia

COPPER-NICKEL ALLOYS—HARDENING

Hardening of copper-nickel alloys during recrystallization annealing and recovery during repeated deformation. B. I. Puchkov and others. *Metalloved. i term. obr. met.*, no. 3 17-22 Mr '65.

COPPER ORES see subdivision under Donetsk Basin

COPPER OXIDES

Band structure of copper oxide. V. P. Smirnov. Fiz. tver. tela 7 no. 9 2858-2858 S '65.

Products of the oxidation of molybdenite by copper oxide during autocatalytic decomposition. Z. D. Ushakov, A. I. Ponomarev. Trudy Inst. met. i obog. AN Kazakh SSR 12 26-31 '65.

COPPER PLATING

Functional copper plating. D. N. Garkav'ov, V. N. Lozovskiy. Mashinostroitel' no. 10 20 O '65.

Mechanism of the manifestation of junctions in silicon p-n detectors by electrochemical deposition of copper. A. S. Antonov, B. P. Osipenko, L. G. Ukseleva. Zhur. fiz. khim. 39 no. 9 2252-2258 S '65.

COPPER SALTS

Copper borates, oxalates, and salicylates. M. B. Shtigol', Zhur. neorg. khim. 10 no. 9 2097-2107 S '65.

COPYING PROCESSES

Compiling and reproducing design documentation by a method of flat copying. R. B. Levin. Vych. i org. tekhn. v stroit. i proekt. no. 2 88-94 '64.

Introduction of progressive methods of engineering documentation in the State Design and Planning Research Institute for Chemical Machinery Plants. I. I. Sadykov. Vych. i org. tekhn. v stroit. i proekt. no. 3, 71-72 '64.

COPYING PROCESSES—BIBLIOGRAPHY

see Bibliography—Copying processes

COPYING PROCESSES—ELECTRONIC EQUIPMENT

Electronic two-format EKA-2 copying machine. Inform. bulet. VDNKh no. 7 18 J1 '65.

COR PULMONALE

Development of gastric and duodenal ulcer in chronic nonspecific diseases of the lungs. A. V. Suchkov, A. T. Demidov. Sov. med. 28 no. 9 90-94 Mr '65.

Pathohistology of the myocardium in the decompensation of cor pulmonale. E. A. Prigozhin. Sbor. nauch. trud. TashGMI 22 25-31 '62.

Prevention of pulmonary and cardiac insufficiency. TS. Z. Stepakova. Sbor. nauch. trud. TashGMI 22 9-15 '62.

Pulmonary heart disease, diagnosis and treatment. A. T. Stetsman. I. A. Mel'nik-Adamyan. Zhur. eksp. i klin. med. 2 no. 6 45-55 '62.

Treatment of pulmonary and cardiac insufficiency. TS. Z. Stepakova. Sbor. nauch. trud. TashGMI 22 3-8 '62.

CORCOROSIDE—PHYSIOLOGICAL EFFECT

Clinical study of glycosides derived from the seeds of Corchorus olitorius. N. S. Ke'lginaev. Sbor. nauch. trud. TashGMI 22 402-410 '62.

CORDAGE

Determining the coefficient of strength utilization of fibers in twisted articles. L. G. Melamed, L. V. Karagadina. Tekst. prom. 25 no. 10 93-94 O '65.

COREMAKING

Changes in the design of vertical core prints. I. F. Agur'yanov, A. G. Kondrashev. Lit. proizv. no. 9, 35-36 S '65.

Effect of the gas pressure in cores on the fusion of sand on steel castings. B. M. Gaisin. Lit. proizv. no. 8 45-46 Ag '64.

Multiple-cavity box for small cores. P. P. Molisovich. Lit. proizv. no. 9 41 S '65.

COREMAKING—EQUIPMENT AND SUPPLIES

The operation of core shooters. R. L. Geller, V. I. Poylavskiy. Lit. proizv. no. 9 18-22 S '65.

Redesign of box dryers for cores. L. I. Mitelskiy, I. V. Matveenko. Lit. proizv. no. 9 43 S '64.

CORES (ELECTRICITY)

AC rectifier motor with series excitation. M. Z. Khamudkhanov, I. Saifullae. Izv. AN Uz SSR Ser. tekhn. nauk 9 no. 4 5-10 '65.

Delay lines using cores with rectangular hysteresis loop. N. G. Dzhibarov. Izv. AN Uz SSR. Ser. tekhn. nauk 9 no. 4 19-22 '65.

Method for calculating the pulse parameters of ferromagnetic substances with rectangular hysteresis loops. N. V. Pen'kov. Avtom. i telem. 28 no. 9 1573-1577 S '65.

Preobrazhenskii, A. A. [Magnetic materials] Magnitnye materialy. Moskva, Vysshaia shkola, 1965. 234 p.

CORIANDE

Important potentials for the increase of production of raw materials for essences and essential oils. P. F. Manzhos. Mastozh. prom. 31 no. 7 2-4 J1 '65.

CORN (MAIZE)

[see also subdivision under Alma-Ata Province; Azerbaijan; Kokchetav Province; Moldavia; Poltava Province; Ukraine; Virgin Territory]

Hypocotyl properties of corn germs. V. A. Bukhantsev, A. I. Starodubtseva. Izv. vys. ucheb. zav. i spets. tekhn. 5-20-32 '65.

Tishchenko, A. I. [Overall mechanization of row crop cultivation, work practices of the feed production brigade of the "Obilnyi" State Farm] Kompleksnaia mekhanizatsiia obshchego proizvodstva, opyt raboty kollektivnykh brigad sovhoza "Obilnyi" St. Simferopol', Izd-vo "Kym", 1964. 35 p. (DNL)

Viability of female corn flowers. R. Kh. Khadimova. Uzb. biol. zhur. 9 no. 5 71-77 '65.

CORN (MAIZE)—ANALYSIS

Dynamics of lignin and cellulose in the organs of corn during growth. T. M. Vasil'eva. Uch. zap. Kaz. gos. ped. inst. 21 no. 6 9-12 '63.

Some structural and mechanical properties of corn kernels. I. V. Nastaganin and others. Izv. vys. ucheb. zav. i spets. tekhn. no. 5 22-28 '65.

CORN (MAIZE)—DRYING

Conditions for drying shelled corn in shaft dryers. V. Zhidov, A. Korchak. Muk. obrab. prom. 31 no. 8 22-25 Ag '65.

CORN (MAIZE)—FERTILIZERS AND MANURES

[see also subdivision under Chernigov Province; Polesye, Zakataly District]

Characteristics of the nitrogen metabolism in irrigated corn. T. A. Palladina, P. F. Zhabitskiy. Agrokhimia no. 10 13-17 O '65.

Effect of fertilizers on the microflora of the corn rhizosphere. V. M. Chykanava. Vostochnyi AN SSSR Ser. sel'sk. nauk no. 3 57-61 '65.

Effect of granulated heptachlor combined with mineral fertilizers on the accumulation of the green bulk of corn. G. A. Odumanova-Dumayeva, I. V. Khushcheva. Trudy VIZR no. 20 pt. 1 36-38 '64.

Effect of almatine and its mixture with heptachlor and mineral fertilizers on the corn yield as related to soil conditions. L. F. Efimova. Trudy VIZR no. 20 pt. 1 39-42 '64.

CORN (MAIZE)—GRADING

see subdivision under Poltava

CORN (MAIZE)—HARVESTING

Effectiveness of the use of the new types of corn harvesting combines. V. B. Babuk, V. I. Strizhevskiy. Dokl. Akad. sel'khoz. nauk no. 9 12-17 S '65.

CORN (MAIZE)—IRRIGATION

Characteristics of the nitrogen metabolism in irrigated corn. T. A. Palladina, P. F. Zhabitskiy. Agrokhimia no. 10 13-17 O '65.

CORN (MAIZE)—STORAGE

Chemical preservation of the grain of corn and pea seeds with a high moisture content during the period between delivery and drying. N. I. Sosolov and others. Khim. v sel'khoz. 3 no. 9 30-30 S '65.

CORN (MAIZE)—VARIETIES

Physiological and biochemical characteristics of some corn varieties. F. F. Ponomarev, A. S. Shvetsov. Fiziol. rast. 12 no. 3 463-468 My-Ju '65.

CORN AS FEED

Physiological state and milk productivity of cows fed various quantities of corn silage continuously for four years. I. A. Dantlenko, G. I. Pasechnik. Dokl. Akad. sel'khoz. nauk no. 6 21-27 S '65.

CORN BREEDING

New corn hybrids. A. S. Mustilko, P. F. Kikuchko. Dokl. Akad. sel'khoz. nauk no. 9 5-9 S '65.

CORN-HANDLING MACHINERY—TECHNOLOGICAL INNOVATIONS

see subdivision under Ukraine

CORN PRODUCTS

Prokhorov, V. R. [Manufacture of food products from potato and corn] Proizvodstvo pishchevyykh produktov iz kartofella i kukuryzy. Moskva, Pishchevaya promyshlennost', 1965. 307 p.

CORNEA—INNERVATION

Pharmacological analysis of structures sensitive to serotonin in the endings of the endings of the afferent nerves of the cornea. I. M. Samoilovich. Biol. eksp. biol. i med. 80 no. 9 87-90 S '65.

CORNEA—TRANSPLANTATION

Connection between some physicochemical changes in irradiated skin and its capacity for a rapid transformation into the cornea. V. V. Popov, O. P. Melikhova, I. V. Kozlov. Dokl. AN SSSR 165 no. 1 241-244 N '65.

Volno-Issanetskiy, V. V. [Tissue incompatibility and ways to overcome it, based on materials from experimental keratoplasty] Tkanovala nesovmestimost' i puti ee prevyazheniya po materialam eksperimental'noi keratoplastiki. Moskva, Meditsina, 1965. 292 p. (DNL)

CORONA (ELECTRICITY)

Features of corona discharge at high field strengths. V. I. Popkov. Izv. AN SSSR. Energ. i transp. no. 4 60-85 J1-Ag '65.

Modeling of overhead power transmission lines in the study of pulse corona. T. I. Pashchenko, B. N. Lomov. Izv. vys. ucheb. zav. i spets. tekhn. 5 no. 9 121-129 S '65.

CORONARY HEART DISEASE

Clinical course in coronary atherosclerosis. U. A. Nagizian. Zhur. eksp. i klin. med. 5 no. 1 12-14 '65.

Effect of the transfusion of some blood substitutes and blood on the coronary blood circulation under normal conditions and in experimental coronary insufficiency. I. U. B. Kofanova. Gemat. i perel. krov. 1 10 5-6 '65.

Stambolskii, R. P. [Pathogenetic treatment of coronary insufficiency] O patogenezhenskom lechenii koronarnoi nedostatochnosti. Erevan, Izd-vo "Atanag", 1965. 106 p. (DNL)

Use of diluted Arzel mineral water baths in the treatment of coronary insufficiency in hypertension. R. R. Gharibzhanian. Zhur. eksp. i klin. med. 5 no. 1 85-89 '65.

CORONARY VESSELS

Changes in the coronary blood flow in distalation of the afferent fibers of the vagus nerve. I. V. Vukobratov, S. I. Toplov. Fiziol. zhur. 51 no. 2 262-261 '65.

Comparative morphology of the heart and coronary vessels in some animals. V. V. Isayev. Trudy Inst. eksp. biol. AN Kazakh SSR 12 271-271 '65.

CORONARY VESSELS—DISEASES

Evaluation of individual function of electrocardiographic tests in coronary insufficiency. B. M. Kargin. Zhur. eksp. i klin. med. 5 no. 6 63-73 '65.

CORPULENCE

Dercum's syndrome. I. P. Sadunov. Sov. med. 28 no. 1 100-110 Mr '65.

Method of differential use of the specific anti-herpes hypotension combined with adipose tissue removal in health resort treatment. R. L. Mikhailov. Zhur. eksp. i klin. med. 2 no. 5 101-109 '65.

CORPUS LUTEUM HORMONE

see Progesterone

CORREALITY AND SOLIDARITY

Judicial practice in matters of material liability of brigades. B. Shalamov. Sov. iust. 20 no. 16 4-9 '65.

CORRELATION (STATISTICS)

Approximation of empirical correlation functions calculated from experimental data. V. P. Krutenko, I. I. Puzir, N. V. Khushcheva. Avtomatika 10 no. 4 41-47 '65.

Using the correlation method of mathematical statistics in calculating and predicting the electric power losses of river ports. B. S. Pahn. Trudy LAVT no. 7 139-160 '64.

CORRESPONDENCE SCHOOLS AND COURSES

[see also subdivision under Russia; Northern]

Pharmaceutical project for correspondence students. M. I. Lavshina. Sred. spets. obr. 19 no. 9 23-25 S '65.

Methods of conducting the introductory and review classes. V. I. Orlov. Sred. spets. obr. 12 no. 6 10-11 S '65.

CORROSION AND ANTICORROSIVES

Cavitation corrosion of dental eugenol and methods for its control. M. I. Vyatnik. Dokl. Akad. nauk 10 no. 10-20 J1 '65.

Corrosion of oil-field pipes and protection of metal electrodes in the poles. A. I. Monodov. Azerb. neft. khim. 44 no. 8 44-48 Ag '65.

Quantitative determination of the degree of interaction between liquid-phase oxidizing agents and anticorrosive synthetic materials. B. I. Bolotov. Zav. lab. 19 no. 10 1095-1099 '65.

Russia (1923- U.S.S.R.). Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 20 of standard design uniform estimates for construction work, with construction protection of construction elements] Sbornik No. 20 odnykh ratovnykh odnolichnykh tsen na stroitel'nye raboty i antikorroziinnye zaschity stroitel'nykh konstruktsii. Izd. ofitsial'nogo. Moskva, Stroitel'stvo, 1965. 20 p.

Vedenko, S. G., V. G. Kuznetsov, and I. S. Likhachev. [Anticorrosive protection of metal items during prolonged storage] Zashchita metallozdorill ot korrozii pri dlinnoi konservatsii. Moskva, Transput, 1965. 30 p. (Dostizheniya nauki i tekhniki - v proizvozhstve)

CORTICOSTEROIDS

see Adrenocortical hormones

CORTISOL

Results of treating calcaneal apophysis with hydrocortisone acetate in outpatient dispensaries. I. U. A. Varzin. Ortop., travm. i protez. 28 no. 5 53-56 My '65.

Treatment of acropachymetous parathyrism with peri- and intra-articular hydrocortisone injections. A. I. Stalov. Zhur. nach. rab. vrach. sredi. i vuz. uch. i nauch. no. 1 170-181 '64.

Treatment of stenotic ligamentitis of the fingers with hydrocortisone. V. V. Mikhaitenko. Ortop., travm. i protez. 20 no. 5 52-54 My '65.

CORTISONE—PHYSIOLOGICAL EFFECT

Changes in the electrocardiogram, the content of potassium and sodium in the myocardium and the arterial pressure in rats following introduction of cortisone and the effect of some additional factors. A. I. Andrichiev. *Fiziol. zhur.* 51 no. 7 848-843 '65

Effect of cortisone and betanin on the oxidation of tyrosine in the liver of mice with experimental leukemia. A. I. D'yachkova. *Vop. med. khim.* 11 no. 1 81-85. Ja-1 '65

Inhibiting effect of cortisone on the glucokinase activity of skeletal muscles in chick embryos. M. N. Petsova. *Vop. med. khim.* 11 no. 1 41-45. Ja-F '65

CORTISONE—SIDE EFFECTS

Effect of cortisone on the therapeutic effectiveness of monomycin. B. F. Kadyrov. *Antibiotiki* no. 3:240-245 '65.

CORUNDUM

Dielectric properties of corundum ceramics and its microstructure. E. V. Degtyareva and others. *Izv. AN SSSR, Neorg. mat.* 1 no. 5:816-822. My '65.

Effect of modifying additions on the dielectric properties of corundum ceramics. I. S. Kainarski, E. V. Degtyareva, L. S. Alekseenko. *Izv. AN SSSR, Neorg. mat.* 1 no. 5:810-815. My '65.

Effect of modifying additions on the strength of corundum ceramics. I. G. Orlova, I. S. Kainarski, M. I. Pokopenko. *Izv. AN SSSR, Neorg. mat.* 1 no. 5:804-809. My '65.

Interrelation between setting and deformation in corundum sintering. I. S. Kainarski, I. G. Orlova, E. V. Degtyareva. *Dokl. AN SSSR* 164 no. 6:1283-1285 O '65.

Mechanism of corundum sintering at temperatures from 1250 to 1673°K. E. I. Bannashek and others. *Izv. AN SSSR, Neorg. mat.* 1 no. 5:690-701. My '65.

CORVIDAE see subdivision under Moscow region

CORYNEBACTERIUM

Effect of antibiotics on diphtheria bacilli in mixed and pure cultures. L. I. Kartushina, Kh. M. Damska, Shor. *nauch. iud. TashGMI* 22:338-343 '62.

COSMETICS

Use of bactericidal surface-active substances in cosmetic preparations. E. I. Vasilenko. *Maslozhir. prom.* 31 no. 7:28. Ji '65.

COSMIC PHYSICS

The critical wavelength in collisionless gravitating systems. M. N. Makumov, L. S. Marochnik. *Dokl. AN SSSR* 164 no. 5:1019-1021 O '65.

Lomov, S. P. [Calculation of electrophysical units and electrophysical phenomena using digital computers] *Raschet i issledovanie elektrofizicheskikh ustanoek i elektrofizicheskikh iavlenii na tsifrovyykh vychislitel'nykh mashinakh.* Moskva, Vychislitel'nyi tsentr AN SSSR, 1965. 130 p. (Trudy Vychislitel'nogo tsentra)

COSMIC RADIATIONS, RADIO-FREQUENCY

Observations of the radio-frequency radiation from planetary nebulae at a wavelength of 32.5 cm. G. S. Khromov and others. *Astron. zhur.* 42 no. 5:1120-1121. S-O '65.

Radio emission from planetary nebulae. G. S. Khromov. *Astron. zhur.* 42 no. 5:1049-1052. S-O '65.

Relation between sporadic solar radio-frequency radiation in the decimeter band and chromospheric flares. G. M. Artem'eva, E. A. Bonadikov, V. O. Rapoport. *Astron. zhur.* 42 no. 5:1011-1013. S-O '65.

Search for 10¹³ ev. photons emanating from local radio sources. A. E. Chudakov and others. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1870-1871 O '65.

COSMIC RAYS

Anisotropy in cosmic ray intensity variation. N. P. Chirkov, A. I. Kuz'min. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1804-1806 O '65.

Composition and energy spectrum of low-energy primary cosmic rays. L. V. Kurnosova, L. A. Rarovinov, M. I. P'adkin. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1840-1852 O '65.

Electromagnetic mechanism of the acceleration of cosmic rays. L. G. Glikman, V. M. Kol'man, E. M. Yakushev. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1865-1869 O '65.

Energy spectrum and properties of ultrahigh-energy primary cosmic radiation. G. B. Kristiansen. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1872-1875 O '65.

Fundamental problems in the astrophysics of cosmic rays. V. L. Ginzburg, S. I. Syrovatski. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1810-1824 O '65.

Generation of air showers by π -mesons and protons with momenta of 0.1 to 20 BeV/c in thin plates of a substance. A. V. Khrutman and others. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1856-1861 O '65.

Ionizing particles accompanying nucleons with energies of $E_{\pi} \sim 170$ BeV, at an altitude of 2000 meters. G. S. Akopjan and others. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1893-1895 O '65.

Meteorites and their use in studying cosmic rays. A. K. Lavrukina. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1838-1842 O '65.

Modulation of the solar diurnal effect and the possibility for establishing variations in cosmic ray intensity as measured in sidereal time. L. I. Dorman and others. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1898-1901 O '65.

Nuclear-active high-energy particles and extensive air showers in the depths of the atmosphere. T. A. Mar'inn, S. I. Nikol'skii, V. I. Iakolev. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1848-1852 O '65.

Planetary distribution and possible interpretation of sudden increases in cosmic ray intensity, according to data of the world network of stations, unrelated to the visible solar formations. M. V. Alandia and others. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1823-1826 O '65.

Preliminary data on the number of electrons and gamma quanta in primary cosmic radiation with energies above or equal to 3 BeV. V. I. Rubtsov. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1859-1861 O '65.

Preliminary results of studying the nuclear component of cosmic rays with the aid of the artificial satellite "Ilek-tion-2." L. V. Kurnosova and others. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1853-1858 O '65.

Prospects of studying cosmic rays in the ultrahigh-energy region. S. I. Nikol'skii. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1827-1831 O '65.

Relation between Forbush effects and chromospheric flares. G. F. Kiymskii, G. V. Shafer. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1891-1893 O '65.

Secular variation in cosmic ray intensity in the stratosphere during the period 1962-1964. P. N. Agasheva and others. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1901-1902 O '65.

Solar cosmic rays generated by the flare of September 29, 1961, and some characteristics of interplanetary space. L. I. Dorman, L. I. Mikhalevich. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1810-1812 O '65.

Some data on the 27-day intensity variation of cosmic rays in the stratosphere. G. A. Buzilevskaya, T. N. Chirskikh. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1888-1890 O '65.

Some problems concerning the generation of cosmic rays by the sun and their propagation in interplanetary space. A. N. Chirskikh. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1800-1801 O '65.

Study of the variations in cosmic rays based on their effects on stony meteorites. A. K. Lavrukina and others. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1843-1845 O '65.

The 27-day variations in cosmic ray anisotropy on data of observations of the neutron component at mountain stations of the world network. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1910-1910 O '65.

Ultrahigh-energy primary cosmic radiation according to data on extensive air showers. S. N. Vernov and others. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1876-1880 O '65.

Variations in cosmic ray intensity during Forbush effects. E. V. Kolomoets, V. T. Pivneva. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1894-1897 O '65.

Worldwide increases in cosmic ray intensity and their possible relation with geomagnetic storms. L. I. Dorman, T. V. Kobladze, V. G. Koidze. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1820-1822 O '65.

COSMIC RAYS—MEASUREMENT see subdivision under Antarctic regions

COSMOGONY

Evolution of a system of gravitationally interacting point masses. I. A. B. Zel'dovich, M. A. Podurets. *Astron. zhur.* 42 no. 5:863-873. S-O '65.

The interstellar and intergalactic media. S. A. Kaplan, S. B. Pikelner. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1830-1837 O '65.

COSSACKS see subdivision under Bug Valley

COST ACCOUNTING

Consolidated calculation of the cost of new machines in experimental unit and lot production. V. F. Novitskii, I. L. Khavin. *Vest. mashinost.* 45 no. 7:77-79. Ji '65.

COST AND STANDARD OF LIVING

(see also subdivision under Crimea)

Maslov, P. E. [Income of the Soviet family] *Dokhod sovetskoi sem'i.* Moskva, Statistika, 1965. 93 p. (Statistika dlia voshk)

The reverse side of the "welfare state", figures and facts. *Mezhdunar. zhurn.* 12 no. 11 157-159. N '65.

COSTS, INDUSTRIAL

On the standard cost of manufacturing. I. Malyahev. *Vop. ekon.* no. 6:64-76. Je '65.

COTTON

Effect of 4-[2, 6'-dimethyl-3'-cyclohexenyl] 4-butanol-2-one on the physiological processes and yield of fine fiber cotton. G. P. Kuglova-Shemakina and others. *Agrokhitmla* no. 3:103-107. Ag '65.

Structure of the embryo and seedlings of some species of *Gossypium*. A. S. Dariev. *Bot. zhur.* 50 no. 5:555-562. My '65.

COTTON—DISEASES AND PESTS

(see also subdivision under Uzbekistan)

Use of zinc in controlling the bacterial blight of cotton. N. K. Klapsova. *Trudy VIZR* no. 20 pt. 1:10-11. '64.

COTTON—FERTILIZERS AND MANURES

Photosynthesis in cotton as related to the rate of application of mineral fertilizers. Kh. Samiev. *Uzb. biol. zhur.* 0 no. 5:25-31. '65.

COTTON—VARIETIES

Characteristics of nitrogen metabolism in the generative tissues of some cotton varieties differing in their ripening time. V. T. Gerasimova. *Fiziol. rast.* 12 no. 3:153-156. My-Je '65.

Resistance of some varieties and perennial forms of cotton to verticilliosis. A. Abdullaev. *Nauch.-tekhn. prob. gor. i vzrva* no. 2 60-64. '65.

Resistance of some varieties and perennial forms of cotton to verticilliosis. A. Abdullaev. *Uzb. biol. zhur.* 9 no. 4 60-64. '65.

Treatment of seeds with succinic acid and its effect on the yield and biochemical indices of the cotton of the 109-F variety. I. Kh. Kuvatbekov. *Uzb. biol. zhur.* 0 no. 5 21-21. '65.

COTTON—WATER REQUIREMENTS see subdivision under Uzbekistan

COTTON BREEDING

High-yielding mutant produced by Co60 gamma radiation of cotton plants. Sh. I. Ibragimov, R. I. Koval'chuk, P. Paiziev. *Genetika* no. 1:166-172. '65.

COTTON FINISHING

Simultaneous treatment of cotton fabrics with latexes and fixing agents. G. F. Nikolaevskii, I. N. Tarabukhina. *Tekst. prom.* 25 no. 10 63 O '65.

COTTON GINS AND GINNING

(see also subdivision under Uzbekistan)

Changing the arrangement and increasing the number of cotton bales in front of the opener units. O. V. Pinafov, I. P. Smyrnov, K. A. Dzhalova. *Leh. prom.* no. 2:64-65. Ap-Je '65.

COTTON GROWING

(see also subdivision under Golodnaya Steppe)

Effect of polymeric soil conditioners on the fertility of soil and the yield of cotton. E. I. Eshanov. *Khim. v sel' khoz.* 3 no. 9 69-73. S '65.

COTTON GROWING—ACCOUNTING see subdivision under Samarkand Province

COTTON MANUFACTURE see subdivision under Kiev

COTTON MANUFACTURE—COSTS

Abamov, A. I. [Planning production costs in the cotton industry] *Planirovanie sbeostomosti produktii khlopkovoi promyshlennosti.* Moskva, Legkaya industriya, 1965. 82 p.

COTTON MANUFACTURE—LABOR PRODUCTIVITY

(see subdivision under Kirovskoye (Moscow Province))

COTTON—PICKING MACHINERY

Selecting the optimal parameters for the harvesting belt of an apparatus for picking up row cotton from the ground. P. I. Zil'berman, A. S. Zimin, L. S. Reifman. *Trakti i sel'khozmash.* no. 9:35-37. S '65.

COTTON WILT

Effect of physical and chemical factors on local strains of actinomycetes, the antagonists of cotton wilt. K. P. Bakhanova. *Uzb. biol. zhur.* 9 no. 5:14-17. '65.

Formation of toxins by the fungus *Verticillium dahliae*, the pathogen of cotton wilt. N. A. Krasil'nikov, S. M. Khodzhaeva, T. G. Mirshink. *Agrokhitmla* no. 10:128-134 O '65.

Variability of the cotton wilt agent. D. Khaldarov. *Uzb. biol. zhur.* 0 no. 4:21-25. '65.

COTTONSEED OIL

Hydrogenation of cottonseed oil on a stationary nickel-titanium catalyst. V. I. Shilashov, D. V. Sokol'ski, F. G. Golodov. *Maslozhir. prom.* 31 no. 10:10-13 O '65.

COUMARIN

Seasonal dynamics of the coumarin content in the underground organs of some Far Eastern species of *Angelica*. L. M. G. Fimenov. *Rast. res.* 1 no. 3:373-375. '65.

COUNCIL FOR MUTUAL ECONOMIC ASSISTANCE

(see Mutual Economic Assistance Council)

COUNTING DEVICES

Automating the tabulation of prepared work. V. P. Filipov, I. A. Sidorin. *Poligrafiya* no. 6:30-31. Ag '64.

COUPLINGS

Calculating flange couplings with contact over the entire shaft surface. I. I. Rederman. *Khim. i mek. mashinost.* no. 9:6-11. S '65.

Classification of couplings. P. V. Usov. *Shkola i proizv.* 9 no. 8:77-78. Ag '65.

COURSE—LINE COMPUTERS

The glider pilot's navigation computer. D. Dvochenov. *Kryl. vod.* 16 no. 6:14-16. Je '65.

COURT RECORDS see subdivision under Kremenets (Ukraine)

COURTS

(see also subdivision under Kirghizistan, Moscow, Ramenskoye, Moscow Province, Ukraine)

For the extension of supervisory functions of the Supreme Court of the U.S.S.R. *A. Zinner. Sov. iust.* 24 no. 18-23 S '65

Group conferences of the Supreme Court of the U.S.S.R. *Sov. iust.* 29 no. 18-24-25 S '65

Sladkov, K. S. [Procedure in elections to district (city) people's courts]. *Podladok vyborov rayonnykh (gorodskikh) narodnykh sudov*. Moskva, [Iuridicheskaya literatura], 1965. 62 p.

[Supreme Court of the U.S.S.R. is 40 years old; collection of articles and other materials dedicated to the anniversary of the Supreme Court of the U.S.S.R.]. *Verkhovnomu Sudu SSSR - 40 let, sbornik statei i drugikh materialov, posviashchennykh iubilayu Verkhovnogo Suda SSSR*. Pod obshchey red. A. F. Gorkina. Moskva, Izvestia, 1965. 93 p.

COUSINIA

Quantitative and anatomical analysis of rosette and reproductive stem leaves of some Cousinia and Arctium species. *S. A. Paizleva. Uzb. biol. zhur.* 9 no. 4:50-52 '65.

COUVE DE MURVILLE, MAURICE, 1907-

People and events: Maurice Couve de Murville, Per Borten, Paul Martin. *Nov. vsem.* 23 no. 4:12, 25, 31 O '65

COWS see subdivision under Kazakhstan

COWS—DISEASES AND PESTS

Clinical importance of the iodine test in cows. *V. A. Lochkarev. Veterinaria* 42 no. 10:57-58 O '65.

Free amino acids in the blood of cows with ketosis. *V. M. Korpov, N. I. Perederev. Veterinaria* 42 no. 10:55-56 O '65.

Ketosis in cows. *S. I. Smirnov. Veterinaria* 42 no. 10:52-54 O '65

Postpartum hemoglobinuria in cows. *G. I. A. Kononuk, M. G. Duzhanskii. Veterinaria* 42 no. 10:69-71 O '65.

Treatment of anaerobic phlegmon in cows. *A. F. Burdenuk. Veterinaria* 42 no. 10:59-60 O '65.

COWS—FEEDING AND FIEDES

(see also subdivision under Sumy Province)

Physiological state and milk productivity of cows fed various quantities of corn silage continuously for four years. *I. A. Danilenko, G. I. Pastchnik. Dokl. Akad. sel'khoz. nauk* no. 9:21-27 S '65

CRACKING PROCESS

Catalytic conversion of the close-cut fraction of the 175-200°C range from the gas condensate of the Karadag field in order to obtain monomers. *G. G. Gaidukhiev and others. Azerb. neft. khoz.* 11 no. 8:38-38 '65

Electrothermophore pyrolysis of crude petroleum hydrocarbons for the production of olefins and acetylene. *L. K. Novikov. Zhur. prikl. khim.* 38 no. 6:1332-1337 Je '65.

Establishing the kinetic scheme for ethane pyrolysis. *A. M. Brodskii. Vest. AN SSSR* 35 no. 10:40-45 O '65.

Hydrocracking of absorption oils. *I. A. R. Katschashvili, E. I. Elbert. Khim. i tekhn. topl. i masel* 10 no. 10:8-11 O '65.

Kinetics of heterogeneous catalytic reactions studied by the circulation method. Part 2: Cumene cracking over aluminosilicate catalysts. *K. V. Tepchieva, B. V. Romanovskii, V. I. Timoshenko. Khim. i tekhn. topl. i masel* 10 no. 10:6-7 O '65.

Use of the hexane fraction from the central gas-fractionation plant (TSGFU) as raw material in the catalytic reforming systems. *V. L. Kazanskii and others. Khim. i tekhn. topl. i masel* 10 no. 10:6-7 O '65

CRANES (BIRDS) see subdivision under Estonia

CRANES, DERRICKS, ETC.

(see also subdivision under Ivanovo, Russia, North-eastern)

Electrical drives of a truck with suspended load. *M. M. Pchel'muter. Izv. vys. ucheb. zav., elektromekh.* 8 no. 9:1035-1039 '65.

Interchangeable equipment of jib cranes. *A. G. Lysakov. Stroi. i dor. mash.* 10 no. 10:12-15 O '65.

MKP-40 assembly crane. *IU. Promzav. K. Nikul'shin. Na stroi. Ros.* 6 no. 9:25 S '65

New MKG-6, 3 assembly crane. *V. I. Peremyslovskii, Mekh. stroi.* 22 no. 8:21-22 Ag '65.

New regulations for crane operation. *A. M. Markin. Mashinost. citel'* no. 10:43 O '65

Selection of rational parameters and designs of gantry cranes. *I. I. Abramovich. Mekh. stroi.* 22 no. 8:25-26 Ag '65.

Tools and cranes for the construction of multistoried buildings. *I. M. Smirnov, A. A. Kulupin, K. P. Nikul'shin. Gid. khoz. Mosk.* 39 no. 8:40-42 Ag '65

Truck-mounted crane for the removal of truck bodies. *A. Lipatnikov. Tekhn. v sel'khoz.* 25 no. 6:85 Je '65.

Universal equipment for mounting beams. *B. V. Stepanov. Avt. dor.* 28 no. 9:16 S '65.

CRANES, DERRICKS, ETC.—DESIGN AND CONSTRUCTION

Methods for designing cranes. *A. G. Lang. Vest. mashinostri.* 45 no. 7:20-22 Ji '65.

Securing the reliability of the performance of "K-61" and "K-61" automobile cranes. *V. A. Filippov. Bezop. truda v prom.* 9 no. 9:56 S '65.

CRANES, DERRICKS, ETC.—SAFETY MEASURES

Safety in operating bridge clamshell cranes. *A. U. Erkenov. Bezop. truda v prom.* 9 no. 8:34-35 Ag '65

CRANES, DERRICKS, ETC.—TESTING

Testing of cranes of hydroelectric power stations by means of a hydraulic dynamometer. *A. P. Davydov. Gid. stroi.* 35 no. 6:11-12 Je '65.

CRANES, DERRICKS, ETC.—TRANSMISSION DEVICES

Selecting parameters for a controlled hydrodynamic torque converter of the crane lifting mechanism. *S. A. Parshchik. Vest. mashinostri.* 45 no. 9:31-34 S '65.

CRANKS AND CRANKSHAFTS

Casting and stand testing of cerium cast iron crankshafts. *I. P. Mikhalev, V. V. Zvolinskaya, P. D. Kuchukhin. Lit. proizv.* no. 9:40-41 S '64.

Static calculation of a crankshaft on many flexible supports. *V. F. Gvoz, I. A. Shorokh. Izv. vys. ucheb. zav., mashinostri.* no. 8:16-31 '65

CRANKS AND CRANKSHAFTS—DESIGN AND CONSTRUCTION

Using the method of static indeterminacy in the design of crankshafts and determining of the wear geometry of crankshaft journals. *E. G. Stetsenko, IU. G. Tikhonov. Trudy TSNII MPB* no. 280:126-139 '65

CRANKS AND CRANKSHAFTS—VIBRATION

Investigating torsional vibrations of the crankshaft of an engine. *P. S. Ermolov, G. S. Isavnin, V. M. Nekiylov. Avt. prom.* 31 no. 10:4-7 O '65.

CRAWLER TRACTORS

Ozerskii, A. S., E. G. Isayev, and V. A. Abashkin. [Crawler tractors]. Gusenichnye traktory. Izd. 2, dop. i perel. Moskva, Kolos, 1965. 447 p. diagr., insert. (Uchebniki i uchebnye posobia dlia podgotovki sel'skhoz. i inzh. kadrov massovoi kvalifikatsii)

CRAWLER TRACTORS—DYNAMICS

Rolling of a crawler tractor with the formation of track. *I. I. Vodianik. Trakt. i sel'khoz. mash.* no. 9:12-14 S '65.

CRAWLER TRACTORS—EXHIBITIONS

Crawler tractors and suspensions of vehicles for driving on snow and bogs shown at the International Exhibition in Moscow. *V. A. Skotnikov. Tori. prom.* 47 no. 7:27-31 '65

CRAWLER TRACTORS—PARTS

Low-alloy steel for tractor track units. *F. A. Bekerman and others. Lit. proizv.* no. 9:1-2 S '64.

CREAM SEPARATORS

(see also subdivision under Omsk Province)

CREATIVE ACTIVITIES AND SEAT WORK

Applications. *L. Lootar. Doshk. vop.* 30 no. 7:20-21 Ji '65.

Developing the thinking of primary school students during manual training classes. *R. O. Ponomareva, V. II. Tkachenko. Rad. shk.* 44 no. 8:31-17 Je '65.

Glmsi out of cardboard. *P. Khokhlov. Sem. in i shkola* 20 no. 9:17 S '65.

Manual training in the 1st grade. *V. II. Tkachenko. Rad. shkola* 44 no. 10:29-35 O '65

CREDIT

Role of credit in construction. *B. Grmza. Sov. iorg.* 39 no. 10:38-40 O '65.

Some problems in developing credit and strengthening the control through the ruble. *N. Smirnov. Vop. ekon.* no. 6:77-88 Je '65.

CREEP OF MATERIALS

Dependence for creep. *G. F. I. Ipin, L. M. Topkunova. Izv. AN SSSR, Mekh.* no. 6:134-135 S-O '65.

Stability of compressed and bent bars in linear creep. *A. M. Pratsenko. Stroi. mekh. i mash. stroi.* 7 no. 5:32-34 '65.

CREEP OF METALS—TESTING

Apparatus for creep testing of metals in a complex stressed state. *L. A. Prichetepionok, N. S. Danilov. Zav. lab.* 31 no. 9:130-131 '65.

CREEPERS

(see also subdivision under Azov Sea region)

Significance of highly developed tree creepers in the forest biocenosis. *V. A. Inozemtsev. Ornithologia* no. 7:416-436 '65.

CRESOL

Prospects for the production of cresols from the coal-chemical toluid. *G. D. Kharlanovich and others. Koka i khim.* no. 8:10-14 '65.

Quantitative determination 2,6-di-tert-butyl-1-methylphenol (tonol). *V. N. Velichkina, I. K. Chukhova. Zhur. anal. khim.* 20 no. 8:60-63 '65

CRIME AND CRIMINALS

Developing Soviet criminology into an independent science. *A. D. Bocharov, V. E. Liminov. Izv. vys. ucheb. zav., prav.* 9 no. 1:144-150 '65.

Soviet criminology and its place in the system of legal sciences. *M. I. Kovalev. Izv. vys. ucheb. zav., prav.* 9 no. 1:135-143 '65.

CRIME PREVENTION

Kurliandskii, V. I. [Criminal responsibility and measures of social influence]. *Ugolovnaia otvetstvennost' i mery obshchestvennogo vozdeistviia*. Moskva, Iuridicheskaya literatura, 1965. 139 p.

Moscow. Vsesoyuznyi institut po izucheniiu prichin i razrabotke mer popytke izmeneniia prestupnosti. [Work of the Institute for the study of the causes of crime and measures for its prevention in the USSR]. *Prilozhenie k izdaniyu "Prichiny i posleditsia prestupnosti"*. Moskva, Iuridicheskaya literatura, 1965. 200 p.

Role of the investigative apparatus and procuratorial supervision in crime prevention. *N. V. Zhuglo. Sov. gos. i pravo* 75 no. 10:3-8 O '65.

CRIMEA—AGRICULTURAL RESEARCH

Shoin, I. V. [With the aid of science]. *V. družba i nauka. Simferopol, Izd-vo "Krym."* 1964. 30 p. (Ekonomicheskaya biblioteka truzhenika sela)

CRIMEA—AGRICULTURAL WAGES

Mazurets, P. V., and P. A. Nikolaev. [For better work higher wages]. *Za luchshii trud - vysho oplata*. Simferopol, Izd-vo "Krym," 1964. 31 p. (Ekonomicheskaya biblioteka truzhenika sela)

CRIMEA—AGRICULTURE—COSTS

Karaman, M. M. [Reduce the cost of production]. *Sel'sk. khoz. stroitel'stvo i produktiv. Simferopol, Izd-vo "Krym."* 1964. 28 p. (Ekonomicheskaya biblioteka truzhenika sela)

CRIMEA—AGRICULTURE—LABOR PRODUCTIVITY

Skachkov, T. P. [Decline condition]. *Reshadeniye uslovii. Simferopol, Izd-vo "Krym."* 1964. 21 p. (Ekonomicheskaya biblioteka truzhenika sela)

CRIMEA—AGRICULTURE—TECHNOLOGICAL INNOVATIONS

Makulak, G. I. [Disseminate advanced work methods among everybody]. *Poselovyi opyt - vsemu. Simferopol, Izd-vo "Krym."* 1964. 31 p. (Ekonomicheskaya biblioteka truzhenika sela)

CRIMEA—BOTANY

Critical notes on Crimean plants. *P. A. Gushakov. Bot. MCH, Ost. biol.* 70 no. 4:103-104 My-Je '65.

Flora of the Crimea and its relation with the flora of the Balkans and the Caucasus. *M. I. Kotov. Gid. i bot. zhur.* 22 no. 6:62-68 '65

CRIMEA—COLLECTIVE FARMS—MANAGEMENT

Bilev, S. A. [Overcome the lagging of economically weak collective farms]. *Prodolet' otstavanie ekonomicheskii slabyykh kollektivov. Simferopol, Izd-vo "Krym."* 1964. 30 p. (Ekonomicheskaya biblioteka truzhenika sela)

CRIMEA—COST AND STANDARD OF LIVING

[In the name of man]. *Vo imia cheloveka; sbornik. Simferopol, Krymizdat*, 1963. 47 p. (CS-II)

CRIMEA—FARM MECHANIZATION

Lutsk, I. K. [The main trend]. *Glasnye napravleniye. Simferopol, Izd-vo "Krym."* 1964. 30 p. (Ekonomicheskaya biblioteka truzhenika sela)

CRIMEA—FOREST THINNING

Effectiveness of arboricides in the shelterbelts of the Crimea. *V. G. Antonuk. Khim. v sel. khoz.* 1 no. 9:51-57 S '65

CRIMEA—FOXTAIL

Anatomy of the leaf of the foxtail *Alonechena vaginata* Pall. *L. I. Kuchenko. Bot. MCH, Ost. biol.* 70 no. 3:71-80 My-Je '65.

CRIMEA—HEALTH RESORTS, WATERING PLACES, ETC.

Results of using diodynamic currents in compound sanatorium and health-resort treatment at the sanatoria of the Crimea. *B. N. Buzdala. Star. mash. rab. vrach. san.-kur. ucheb. profnolozov* no. 1:33-38 '61.

CRIMEA—HISTORY

[Outline history of the Crimea]. *Ocherki po istorii Kryma. Simferopol, Izd-vo "Krym."* Pt. 3. [The Crimea in the period of the building of socialism, 1921-1941]. *Krym v period sotzialisticheskogo stroitel'stva (1921-1941 gg.)*. 1964. 221 p.

CRIMEA—IRRIGATION FARMING—ECONOMIC ASPECTS
Sizov, V. N., and E. A. Bessonov. [Effectiveness of irrigation farming] *Effektivnost' orosnichenogo zemledeliia Simeferopol'*, Izd-vo "Krym," 1964, 35 p. (Ekononicheskaya bibliotekha truzhenika seia)

CRIMEA—MILITARY EDUCATION

Aid on the spot. M. Lebedev, *Voen. znaniia* 41 no. 10 30-31 O '65.

CRIMEA—ORIBATIDAE

Diagnosis of the species of the genus *Metatelia* Grandjean, 1935 (Oribatei, Damaeidae). T. M. Bulanova-Zakhvatkina. *Zool. zhur.* 14 no. 9 1333-1341 '65.

CRIMEA—RURAL CONSTRUCTION

Precast reinforced concrete in the inter-farm building organizations in Crimean Province. I. B. Tlushangev. *Dokl. Akad. Nauk SSSR* 11 no. 10 18-19 O '65.

CRIMEA—TUNNEL LINING

Use of gunite in the construction of the Yalta tunnel. A. N. Afifov. *Shakht. stroi.* 9 no. 7 23-24 JI '65.

CRIMEA—VETCH

Biological inequality of Crimean wild vetch (*Vicia* L.) seeds in connection with habitat conditions. V. V. Utkin. *Ukr. bot. zhur.* 22 no. 5 41-50 '65.

CRIME AND CRIMINALS see subdivision under United States

CRIME PREVENTION see subdivision under Germany, East

CRIMINAL EVIDENCE see Evidence, Criminal

CRIMINAL INVESTIGATION (see also subdivision under Lvov Province)

Expanding criminal responsibility to new persons when a case is returned for supplemental investigation. D. P. Filatov. *Izv. vys. ucheb. zav., prav.* 9 no. 1 105-110 '65.

CRIMINAL LAW

Coordinated development of problems coming up in the fields of criminal law, criminal procedure law and corrective labor law. N. A. Stukhkov. *Izv. vys. ucheb. zav., prav.* 9 no. 1 127-134 '65.

Some problems of criminal law and legislation in M. M. Speranskii's works. I. I. Solodkin. *Izv. vys. ucheb. zav., prav.* 9 no. 1 150-164 '65.

CRIMINAL LIABILITY

Expanding criminal responsibility to new persons when a case is returned for supplemental investigation. D. P. Filatov. *Izv. vys. ucheb. zav., prav.* 9 no. 1 105-110 '65.

Kurilandskii, V. I. [Criminal responsibility and measures of social influence] *Ugolovnaia otvetstvennost' i меры obshchestvennogo воздействия*. Moskva, Iuridicheskaya literatura, 1965, 139 p.

Responsibility for the threat to kill, to cause serious bodily injury, and destroy property. A. Zeliusskii. *Sov. iust.* 28 no. 10:18-20 S '65.

CRIMINAL PROCEDURE

(see also subdivision under Ukraine)

Coordinated development of problems coming up in the fields of criminal law, criminal procedure law and corrective labor law. N. A. Stukhkov. *Izv. vys. ucheb. zav., prav.* 9 no. 1:127-134 '65.

CRITICAL PATH ANALYSIS

Algorithm and program of the determination of the critical path and time reserves of network scheduling of the BESM-2M electronic computer. A. M. Gorlov. *Vych. i org. tekhn. v stroit. i proek.* no. 1:24-31 '64.

Determination of the critical path and related problems (without the use of electronic computers). V. D. Barskii. *Vych. i org. tekhn. v stroit. i proek.* no. 1 15-23 '64.

Effective algorithm for determining critical paths in an oriented graph without boundaries. I. B. Zadykhailo. *Vkon. i mat. metod.* 1 no. 3:451-454 My-Je '65.

Method of the critical path in the control of construction production. K. G. Romanova. *Vych. i org. tekhn. v stroit. i proek.* no. 1:3-8 '64.

Time reserves in using the method of the critical path. I. U. Gusev. A. M. Kondakov. *Vych. i org. tekhn. v stroit. i proek.* no. 1:9-15 '64.

CROP YIELDS

Konstantinov, A. R., and L. R. Struzov. [Shelterbelts and crops] *Lesnye polosy i urozhai*. Leningrad, Gidrometizdat, 1965, 176 p. (DNL)

Optimal area of pea levoas for the achievement of large crops. A. A. Korotkov, V. S. Kostina. *Fiziol. rast.* 12 no. 3:551-553 My-Je '65.

Studying the "unevenness" of crop yields. N. V. Arthukov. *Priroda* 54 no. 10:60-69 '65.

CROPS AND CLIMATE

(see also subdivision under Svanella)

Biological bases of irrigation farming. N. S. Petinov, V. D. Bezdryashev. *Gidrol. i mel.* 17 no. 8:56-62 Ag '65.

CROWS see subdivision under Volga-Amudarya Floodplain

CRUSHING AND GRINDING

Increase in cube-form grains in the output of cone-type crushers. A. A. Dudko. *Stroi. i mel.* 11 no. 10:12-11 O '65.

CRUSHING MACHINERY

Dynamic processes in cone-shaped machines for coarse crushing. S. A. Pankratov, M. V. Lgorov. *Stroi. i mel.* 10 no. 10:32-33 O '65.

Effect of recovery, multiplicity of circulation, and including time of the product on the productive capacity and operation of hammer mills. V. M. Nikitin. *Izv. vys. ucheb. zav., energ.* 8 no. 9 105-109 S '65.

Use of heavy percussive machinery. A. I. Fedulov. *Fiz. i tekhn. probl. razrab. pol. i stroit.* no. 153-59 '65.

CRUSHING MACHINERY—ELECTRIC DRIVING

Calculating the starting characteristics of motors for the drives of cone crushers for coarse crushing. L. M. Feigin. *Sbornik na NIIIAZHMASHIA Uralmashzavoda* no. 7 149-155 '65.

Methods of securing the starting of cone crushers for coarse crushing under load. L. M. Feigin, B. V. Otkhovikov. *Sbornik na NIIIAZHMASHIA Uralmashzavoda* no. 7 138-143 '65.

CRUSHING MACHINERY—PARTS

Chill casting of armor cones of crushers made of G13L steel. P. F. Parasiuk. *Lit. proizv.* no. 9 44 S '64.

CRUSHING MACHINERY—RELIABILITY

Reliability of jaw-type crushing machines. L. L. Vodop'ianov, V. I. Volchek, M. T. Fedorov. *Stroi. i mel.* 10 no. 10:30-31 O '65.

CRUSTACEA—EMBRYOLOGY see Embryology—Crustacea

CRYOPEDELOGY see subdivision under Mongolia

CRYOSTAT

Cryostat for investigating the electric, photoelectric, and optical properties of liquids. R. G. Romanets and others. *Zav. lab.* 31 no. 9 1091 '65.

CRYPTOGAMS see subdivision under Kazakhstan; Soviet Central Asia

CRYSTAL LATTICES

Dynamics of crystals with a rutile structure. A. I. Gubanov, M. S. Shur. *Fiz. i tvor. tela* 7 no. 9:2626-2633 S '65.

Quenching excess vacancies in alloys deformed and subjected to thermomechanical treatment. A. D. Korotnev, N. A. Koneva, R. M. Tukhtailina. *Izv. AN SSSR, Met.* no. 5:180-185 S-O '65.

Seminar on the crystal chemistry of elements and compounds. L. N. Bazhenova. *Porosh. met.* 4 no. 5 104-105 S-O '64.

Theory of resonance fluorescence of local centers. I. U. Pechin, R. B. Rozentfel'd. *Uch. zap. Kish. un.* 75 1-11 '64.

CRYSTAL LATTICES—THERMODYNAMICS

Thermodynamics of a simple cubic ionic lattice. S. A. Mashkov. *Zhur. eksp. i teor. fiz.* 49 no. 3:857-861 S '65.

CRYSTALLIZATION

Activation energy of nonisothermal recrystallization. M. N. Bodiako, S. A. Astaphuk. *Dokl. AN SSSR* 9 no. 1 27-30 Ja '65.

Behavior of alkali metal impurities in the crystallization of cesium salts from a melt. A. N. Kirgintsev, E. G. Avvakumov, A. I. Yulikh. *Dokl. AN SSSR* 164 no. 6: 1315-1318 O '65.

Capture of impurities in oriented and volume crystallization. A. N. Kirgintsev, E. G. Avvakumov. *Zhur. neorg. khim.* 10 no. 9:2187-2191 S '65.

Crystal structure formation and its effect on physical and chemical properties of clay. O. M. Mal'vinchevskii. *Trudy KIMS* no. 5:21-29 '63.

Crystallization of basalt at the pressure of 25 kilobars and temperatures from 600° to 1300°. I. U. Genshaft and others. *Sov. geol.* 3 no. 8:28-31 Ag '65.

Crystallization of glasses of the system $\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot 2\text{SiO}_2$ - $\text{CaO} \cdot \text{SiO}_2$ in the subeutectic region. N. A. Topov, G. V. Tiganov. *Izv. AN SSSR, Neorg. mat.* 1 no. 5:763-768 My '65.

Crystallization type and composition of higher molybdenum carbide. V. N. Trumenko, T. Ia. Velikanova. *Porosh. met.* 5 no. 1:41-43 Ja '65.

Effect of additives on the crystallization of molten metallurgical slags and rock materials. A. L. Nagornyi and others. *Stok. i ker.* 22 no. 3:9-11 Mr '65.

Effect of heat treatment on the structure and physico-chemical properties of bentonite clays. M. S. Merabishvili and others. *Trudy KIMS* no. 5:30-41 '63.

Effect of inorganic impurities in mother liquor on the composition and shape of ammonium sulfate crystals. G. M. Lebedeva and others. *Koks i khim.* no. 10 39-41 '65.

Effect of the preliminary action of magnetic field on the crystallization of calcium sulfate from aqueous solutions containing iron sulfate. A. N. Kirgintsev, V. M. Sokolov. *Koll. zhur.* 27 no. 5 697-701 S-O '65.

Fusibility diagram of the system MgCl_2 - MnCl_2 . N. G. Korzhukov and others. *Vest. Mosk. un. Ser. 2, Khim.* 20 no. 4:59-60 JI-Ag '65.

Intercrystalline capture of a nonisomorphous mixture in oriented crystallization of a substance from a melt. A. N. Kirgintsev, E. G. Avvakumov. *Izv. AN SSSR, Neorg. mat.* 1 no. 5 838-842 My '65.

Kinetics of anhydrous crystallization from saturated solutions. A. V. Zubchenko, I. G. Samoilov, A. Ia. Olsin-Jeva. *Khich. i fond. priro.* 9 no. 6 12-14 Ja '65.

Linear rate of growth of anorthite crystals in glasses at 1000°C. N. A. Topov, G. V. Tiganov. *Izv. AN SSSR, Neorg. mat.* 1 no. 5:775-778 My '65.

Microdoping in the crystallization of high-calcium phosphorus-containing glasses. I. I. Kladovodskii, Z. V. Zhidkovich. *Izv. AN SSSR, Neorg. mat.* 1 no. 5:782-795 My '65.

Possibility of equilibrium disturbance in a heterogeneous system containing a microcomponent due to solid phase crystallization. V. I. Spitsyn and others. *Dokl. AN SSSR* 165 no. 1 117-146 N '65.

Reciprocal system consisting of chlorides and sulfates of sodium, calcium, and barium. T. D. Zimina, A. G. Bergman, G. I. Nagornyi. *Zhur. neorg. khim.* 10 no. 9: 2145-2151 S '65.

Some electric phenomena observed during crystallization. V. L. Lukhovitskii, I. A. Chukin. *Elektr. khim. i 1 no. 9 110-113 S '65.*

Some properties of saturated solutions in the system $\text{RuNO}_3 \cdot \text{Ca}(\text{NO}_3)_2 \cdot \text{H}_2\text{O}$ at 25°C. P. I. Protchenko, B. S. Mal'nev. *Zhur. fiz. khim.* 39 no. 9:2304-2305 S '65.

Some regularities of glass crystallization process in the system SiO_2 - Al_2O_3 - MgO . I. I. Kirgintsev, I. A. Khodakovskaya. *Izv. AN SSSR, Neorg. mat.* 1 no. 5: 706-803 My '65.

Steel crystallization and the structure of an ingot. B. B. Gulyaev, I. U. Pechin. *Izv. AN SSSR, Met.* no. 5 27-40 S-O '65.

Structure of the solid hydrocarbons of distillation raffinate. G. I. Glazov, B. N. Kartimov, N. I. Chernozhukov. *Khim. i tekhn. topl. i masel* 10 no. 10:18-23 O '65.

Studying the hydrodynamic conditions of crystallizers for nonstationary processes. I. M. Khanin and others. *Koks i khim.* no. 3:47-51 '65.

Terminology and crystallization zones of ingots. I. A. N. Mal'nevskaya. *Lit. proizv.* no. 9:46-17 Ag '61.

Theoretical basis for the pressing of steel during crystallization. P. N. Bludnia. *Lit. proizv.* no. 0 6-8 S '64.

Using formulas to determine the upper crystallization limit of sodium - calcium - magnesium - aluminum-silicate industrial glasses containing 15% Na_2O . M. V. Okhotin. *Stok. i ker.* 22 no. 3 18-19 M '65.

CRYSTALLOGRAPHY

Anisotropy of epitaxial cobalt films. L. V. Kirenskii, V. G. Pyn'ko. *Dokl. AN SSSR* 161 no. 6 1267-1268 O '65.

Compounds La_2Si_3 , Co_2Si_3 , Pr_2Si_3 and their crystalline structures. E. I. Gladyshevskii. *Izv. AN SSSR, Neorg. mat.* 1 no. 5 705-710 My '65.

Crystal structure of the simplest La and Sm silicates. E. A. Kuz'min, M. V. Belov. *Dokl. AN SSSR* 165 no. 1 88-90 N '65.

Crystalline structure of LaTe_3 . A. A. Eliseev, V. G. Kuznetsov. *Izv. AN SSSR, Neorg. mat.* 1 no. 5:602-607 My '65.

Crystalline structures of the compounds La_2Si_3 , Co_2Si_3 , Pr_2Si_3 , Nd_2Si_3 , and Sm_2Si_3 . E. I. Gladyshevskii, P. I. Kladovodskii. *Izv. AN SSSR, Neorg. mat.* 1 no. 5: 702-705 My '65.

General formula for the Debye temperature of crystals. F. I. Fedosov. *Dokl. AN SSSR* 164 no. 4:804-806 O '65.

Mean values of tensor quantities. K. S. Alekseyandrov. *Dokl. AN SSSR* 161 no. 4:800-803 O '65.

Scandium monosulfide and its crystalline structure. L. A. Dvorina, V. S. Protasov, E. I. Gladyshevskii. *Izv. AN SSSR, Neorg. mat.* 1 no. 5:711-711 My '65.

CRYSTALS

Modeling microcrystals. G. I. Distler, L. E. Guseva. *Priroda* 54 no. 10 55-57 '65.

Study on the distribution of inhomogeneities in semiconductor crystals. I. A. Baev, E. G. Valinskii. *Fiz. i tvor. tela* 7 no. 9:2583-2593 S '65.

CRYSTALS—DEFECTS

Calculating the energy of formation of pairs of defects in the rutile crystalline lattice. S. N. Kolkov, M. N. Rozova. *Fiz. i tvor. tela* 7 no. 9:2678-2682 S '65.

- CRYSTALS—SPECTRA**
Fine structure of the spectral lines of light scattered in cubic crystals. T. S. Velichkina, O. A. Shustin, I. A. Iakovlev. Pis'ma v red. Zhur. eksp. i teor. fiz. 2 no. 4 189-192 Ag '65.
- CRYSTALS—THERMAL PROPERTIES**
Characteristic temperature of molecular crystals. A. I. Khailordskii, B. D. Korshakov, E. L. Pikus. Fiz. tver. tela 7 no. 9 2843-2844 S '65.
- CTENOPHARYNGODON** see subdivision under Moscow Province
- CTESIAS**
"The history of Persia" by Ctesias and the Central Asian satrapes of the Achaemenids of the end of the 5th century B.C. P. Iankov. Vest. drev. ist. no. 2, 35-50 '65.
- CUBA—AGRICULTURE**
Social and natural conditions governing the agriculture of the Republic of Cuba. B. N. Semevskii. Vest. LGU 20 no. 18 59-71 '65.
- CUBA—COMMUNISM**
History of the development of Marxism-Leninism in Cuba. Blas Roca. Vop. ist. KPSS 9 no. 10 30-36 O '65.
The manifestation of the general pattern of socialist construction under conditions of the third stage of the general crisis of capitalism and some distinctive characteristics in individual cases. V. B. Pomerantsev. Vest. Mosk. un. Ser. 8: Ekon., filol., 20 no. 5:46-54 S-O '65.
- CUBA—ECONOMIC CONDITIONS**
The economy of the People's Cuba is getting stronger. Nat. Kiympo. Ekon. Rad. Ukr. 8 no. 5 87-91 My '65.
- CUBA—POLITICS AND GOVERNMENT**
Current affairs of Cuba. Nov. vrem. 23 no. 46:11-12 II '65.
- CUBA—SUNFLOWERS**
Some characteristics of the biology of the development of sunflowers in the Republic of Cuba. A. E. Volkau. Vest. AN BSSR Ser. sel'khoz. nauch. no. 3:127-132 '65.
- CUBAN LITERATURE—HISTORY AND CRITICISM**
Portuondo, Jose Antonio. [Historical sketch of Cuban literature. Translated from the Spanish] Istoricheski ocheik kubinski literatury. Moskva, Izd-vo inostr. lit-ry, 1961. 153 p. (NNC)
- CUCUMBERS**
Microflora of hydroponic cucumber culture. S. A. Samsevlch, E. I. Ulashevich. Mikrobiologiya 34 no. 4: 707-714 JI-Ag '65.
- CUCUMBERS—DISEASES AND PESTS**
Distribution of angular leaf spot of cucumbers depending upon the weather conditions. L. N. Bushkova. Trudy VIZR no. 20 pt. 1:51-53 '64.
Mosaic diseases of cucumbers grown under glass. D. K. Gess'. Dokl. AN BSSR 8 no. 8 555-557 Ag '65.
- CUCUMBERS—VARIETIES** see subdivision under Karaganda
- CULTIVATED PLANTS** see Plants, Cultivated
- CULTIVATORS**
Interillage in vineyards. Sh. Lepsveridze, K. Edilashvili. Tekh. v sel'khoz. 25 no. 6 16-17 Je '65.
- CUMENE**
Kinetics of heterogeneous catalytic reactions studied by the circulation method. Part 2: Cumene cracking over aluminosilicate catalysts. K. V. Topchleva, B. V. Romanovskii, V. I. Timoshenko. Kin. i kat. 6 no. 3:471-475 My-Je '65.
- CUPOLA FURNACES**
Operation of a coke and gas cupola furnace. V. A. Fuklev, A. A. Oksak, F. F. Subkhankulov. Lit. proizv. no. 8: 3-5 Ag '64.
Smelting cast iron and steel briquettes in electric and cupola furnaces. G. G. Ianchenko. Lit. proizv. no. 8: 43-44 Ag '64.
- CUPOLA FURNACES—COMBUSTION**
Combustibility of cupola gases. M. K. Sin. Lit. proizv. no. 9:25-28 S '64.
- CUPOLA FURNACES—EQUIPMENT AND SUPPLIES**
Effect of the irregularity of charging on the cupola process. P. N. Zelentsov. Lit. proizv. no. 8 29-30 S '65.
- CURIE POINT**
"Spreading out" of Curie points. V. B. Evdokimov. Zhur. fiz. khim. 38 no. 8:2085-2086 S '65.
- CURVES**
Numerical experiment to calculate the Hasse invariant for certain curves. T. A. Tushkina. Izv. AN SSSR, Ser. mat. 29 no. 5:1203-1204 '65.
- CUTTING MACHINES**
Acheikan, N. S., and others. [Metal cutting machines] Metallezhushchye stanki. Moskva, Mashinostroenie Vol. 1. Acheikan, N. S., ed. 2, perel. izd. 1965 761 p.
Bench for cutting rolled wallpaper. Kh. Aslanov. Stroi i inzh. Uzb. 6 no. 8 15 Ag '65.
Semiautomatic machine for cutting off parts produced by investment casting. B. A. Vilenskii, N. N. Bellavtsov. Biul. tekhn. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 18 no. 0:13-11 S '65.
- CYANINE DYES**
Cyanine dyes containing fluorine. Part 12: Cyanine dyes from 5-(1-fluoro-2-methylmercapto-2-methylbenzimidazole) derivatives. L. M. Lagunovskii and others. Zhur. ob. khim. 35 no. 9 1641-1650 S '65.
- CYANOCOBALAMINE**
Bacteria accompanying the mass Chlorella culture and their role in the biosynthesis of vitamin B₁₂. E. I. Milogradova, P. T. Malakhova, L. G. Konstantinova, Uzb. biol. zhur. 9 no. 5 18-20 '65.
Outpatient treatment of acute lumbosacral radiculitis by means of diadynamic currents and vitamin B₁₂. E. V. Zhuravlev. Sov. med. 28 no. 3 136-139 MI '65.
- CYANOGEN COMPOUNDS**
Cobalt (III) compounds with dimethylglyoxime and a cyanide ion. A. V. Ablov, G. P. Syrtsova. Zhur. naorg. khim. 10 no. 9:1980-1986 S '65.
Phosphorylation of 1-cyanocarboxylic acids. V. I. Shevchenko, P. P. Kornuta, A. V. Kirsanov. Zhur. ob. khim. 35 no. 9:1558-1602 S '65.
Relation between the CN ion and the surface-active additions. N. N. Balashova. Elektrokhimiya 1 no. 7: 872-873 JI '65.
- CYBERNETICS**
Into the abyss of outer space and the depths of centuries. O. Umarov, Z. Salimov, N. Iusupbekov. Ekon. i zhizn' 7 no. 7:78-80 JI '65.
Modeling of information processing in a neuron. Part 1. Mathematical and physical process of impulse generation. I. A. Lubinskii, N. V. Pozin. Avtom. i telemek. 26 no. 10 1746-1756 O '65.
Novik, I. B. [Modeling of complex systems; a philosophical essay] O modelirovani slozhnykh sistem; filosofskii ocherk. Moskva, Mysl', 1965. 332 p.
- CYBERNETICS—ABSTRACTS**
[Journal of abstracts: Cybernetics] Ref. zhur. i Kib. no. 9 S '65.
- CYCLIC COMPOUNDS**
Methods of the determination of the mark position in six-membered rings. V. V. Vykhnovets, and others. Izv. vys. ucheb. zav., khim. i khim. tekhn. 8 no. 3:432-434 '65.
Organic insectofungicides. Part 83: Oxidation of some cyclic compounds by hydrogen peroxide. N. A. Belikov and others. Zhur. ob. khim. 35 no. 10:1746-1752 O '65.
Synthesis of 1,4-bis[4-(dimethylhydroxystyl)]benzene and its conversion to cyclic compounds. V. P. Nikitenkov. Zhur. ob. khim. 35 no. 9:1666-1669 S '65.
Theoretical study of the spectral behavior of systems with a quasaromatic cycle. V. G. Plotnikov and others. Zhur. fiz. khim. 39 no. 9:2311-2312 S '65.
- CYCLING**
Efficiency dynamics of cyclists depending on their typological characteristics. N. D. Shani. Teor. i prak. fiz. kul't. 28 no. 8:64-66 Ag '65.
- CYCLOALKANES**
Dehydrogenation mechanism of six-membered cyclohexanes. Dehydrogenation of methylcyclohexane on an aluminum-chromium catalyst. G. V. Isagulants, E. N. Komarova, A. A. Balandin. Dokl. AN SSSR 164 no. 6:1307-1310 O '65.
- CYCLOALKANONES**
1-Vinyl-1,2,3,4-tetraal-1,6-diol and its condensation with 2-methyl-1,3-cyclohexanedione and 2-methyl-1,3-cyclopentanedione into esters derivatives. A. V. Zakhar'yev and others. Izv. AN SSSR, Ser. khim. no. 10:1800-1814 '65.
- CYCLOHEXANOL**
Production of dicyclohexyl and dimethyldicyclohexyl esters of lower dicarboxylic acids. I. S. Matveev, O. M. Cherkov. Zhur. prikl. khim. 38 no. 6:1420-1421 Je '65.
- CYCLOHEXENE—EFFECT ON PLANTS** see Plants, Effect of cyclohexene on
- CYCLOONES** see subdivision under Arctic regions; Ukraine
- CYCLOPENTADIENE**
Mass spectra of some monocyclopentadienyl derivatives of titanium. A. N. Nasmolov and others. Dokl. AN SSSR 165 no. 1:125-126 N '65.
Preparation of acetylcyclopentadienyltricarboxymanganes. I. A. M. Pashkina, T. P. Vishnitskova, I. D. Kurashova. Zhur. ob. khim. 35 no. 9:1682-1684 S '65.
- Some properties of tetracyclopentadienyltricarboxymanganes. B. A. Minina, M. Kh. Minicheva, B. Kh. Fiedlina. Izv. AN SSSR, Ser. khim. no. 10:1877-1879 '65.
- CYCLOPENTANEDIONE**
Preparation of 2-alkyl-1,3-cyclopentanedione. D. H. Lagidze, S. N. Ananichenko, I. V. Torgov. Izv. AN SSSR, Ser. khim. no. 10:1899-1901 '65.
- CYCLOTRON RESONANCE**
Cyclotron-photon resonance in semiconductors. P. G. Baga, I. B. Levinson. Zhur. eksp. i teor. fiz. 40 no. 3: 914-921 S '65.
- CYLINDERS**
Contact problem of an elastic and thermoelectrically asymmetric deformation of an infinite solid cylinder. G. M. Valov. Izv. AN SSSR, Mekh. no. 5:60-67 S '65.
- CYPRUS—PALACES**
The palace in Vouni in Cyprus. I. A. Savoliev. Vest. drev. ist. no. 2:70-86 '65.
- CYSTEINE**
Cadmium ion catalysis of the alkaline hydrolysis of cysteine ethyl ester. K. B. Iatiminskii, I. A. P. Tikhonov. Zhur. neorg. khim. 10 no. 0:2076-2074 S '65.
- CYSTEINE—EFFECT ON SEEDS** see Seeds, Effect of cysteine on
- CYSTS**
Diagnosis of cysts of the mandible. I. M. Valabidze. Prikl. chel.-lita. khim. no. 1:107-101 '65.
Diagnostic difficulties in a case of bronchial cyst of the lung. I. M. Poudubnina. Prikl. tub. no. 7 81-80 '64.
Materials for the study of endometrioid cysts of the ovaries. G. P. Mordukhova. Akush. i gyn. no. 1:124-130 '65.
Median and lateral cysts and fistulas of the neck. D. G. Zubov. Klin. khir. no. 2 73-74 '65.
Methodology for surgical treatment of median dermoid cysts and fistulas of the neck. N. D. Lavchenko. Prikl. chel.-lita. khim. no. 1:207-204 '65.
Retention cysts of the parotid and submandibular glands. A. L. Terezhina. Prikl. chel.-lita. khim. no. 1:211-212 '65.
Two cases of torsion of dermoid cysts in girls 4 and 5 years of age. B. S. Dobitakov, V. I. Isaenko. Akush. i gyn. no. 3 149 '65.
X-ray diagnosis of odontogenic cysts of the maxilla and mandible. V. A. Maslov. Prikl. chel.-lita. khim. no. 1: 211-217 '65.
- CYTIDINE PHOSPHATES**
Synthesis and properties of N₆-carboxymethylphenylisocytidine-2',3'-phosphate. L. A. Filippova, I. I. T. Vest. Mosk. un. Ser. 2: Khim. 20 no. 4:456-460 JI-Ag '65.
- CYTOCHROMES**
Effect of X rays on cytochrome C in vitro. G. I. Mandlov, E. I. Dotskevich. Vop. med. khim. 11 no. 1 95-96 Ja-F '65.
- CYTOGENETICS**
Cytogenetic analysis of the mutagenic effect of chemical mutagens of a new group and some characteristics of natural and induced mutation of chromosomes. N. P. Dubinin, V. K. Shecherbakov, N. P. Mokeeva. Genetika no. 2:67-72 Ag '65.
Cytological analysis of the mutagenic action of nitroacetylurea and nitroacetylurea. N. N. Zor, B. I. Makarov. Tsitologiya 7 no. 3:405-400 My-Je '65.
Mutagenic effect of ethylnitrosamine in a series of cell generations. B. N. Sidorov, N. N. Sokolov, V. A. Andreeva. Genetika no. 1:112-122 '65.
Phases of a cell cycle and the mutagenic effect of alkylating compounds. N. P. Dubinin, V. K. Shecherbakov, G. N. Kesler. Genetika no. 2:73-86 Ag '65.
Problems of molecular biology and genetics. F. M. Mukhammatgaliyev. Trudy Inst. eksp. biol. AN Kazakh. SSR 11:3-9 '65.
- CYTOLOGY**
Biochemical and cytochemical characteristics of cerebral tumors. I. Z. Pevzner, E. D. Tolmova. Vop. med. khim. 11 no. 1:3-17 Ja-F '65.
Cytological study of cooperative growth of biochemistry deficient *Achnomyces rimosus varians* on an agar medium. G. R. Mikhailova. Mikrobiologiya 34 no. 4:643-647 JI-Ag '65.
Elasticity and strength of the transparent membrane of oviducts in cattle as an index of their biological fertility and heterogeneity. N. A. Martynenko. Prikl. zhur. [Ukr.] 11 no. 4:432-436 JI-Ag '65.
Method for continuous cultivation of suspended animal cells in a flowing system. V. P. Nofodov, F. V. Kravtsov. Biul. eksp. biol. i med. 60 no. 9:110-121 S '65.
- CYTOTOXIC DRUGS** see Antineoplastic agents

DE FORMATION DES MÉCANIQUES)

- ## DEHYDROGENASES

- DEPRESSION, MENIAL

- 3996

DIAGNOSIS (Continued)

Clinical significance of dynamic tests on duodenal contents in children. K. G. Pikulina. *Sov. med.* 28 no. 3 101-103 Mr '65.

Intravital diagnosis of a rupture of dissecting aneurysm of the thoracic aorta. M. A. Gurevich, N. V. Makhalayev. *Sov. med.* 28 no. 3 91-96 Mr '65.

Tugolukov, V. N. [Modern methods of the functional diagnosis of the state of the gastric mucous membrane and their clinical significance.] *Sovremennyye metody funktsional'noi diagnostiki sostoyaniya slizistoi obolochki zheludka i ikh klinicheskoe znachenie* [Leningrad] Meditsina, 1965. 210 p. (DNLM)

DIAGNOSIS, DIFFERENTIAL

Analysis of differential-diagnostic criteria in tumors and vascular diseases of the brain. N. M. Stepanova. *Trudy Vor. med. inst.* 51 32-37 '63.

Clinical aspects and differential diagnosis of subarachnoid hemorrhages and hemorhagic meningoccephalitis. O. S. Siturin, K. D. Vlasova. *Trudy Vor. med. inst.* 51 25-31 '63.

Diagnostic difficulties in a case of bronchial cyst of the lung. Z. M. Poddubnaya. *Probl. tub.* no. 7 87-88 '61.

Differential diagnosis of degenerative diseases of the lumbar intervertebral disks. I. A. K. Aev. *Vop. nefrokhir.* no. 5 40-44 '64.

Differential diagnosis of some forms of pulmonary cancer. S. A. Oganesian, M. A. Sedgarian. *Zhur. eksp. i klin. med.* 5 no. 1 50-58 '65.

Differential-diagnostic criteria in tumors and infectious diseases of the brain. E. P. Aderikhina. *Trudy Vor. med. inst.* 51 105-110 '63.

Kazakov, V. I. [Differential diagnosis and the principles of treatment in the practice of the dermatovenerologist.] *Differentsial'naya diagnostika i printsipy terapii v praktike dermatovenerologa* [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1965. 228 p. (DNLM)

DIAGNOSIS, RADIOSCOPIC

Diagnosis of intracranial metastases of thyroid cancer. M. S. Salsuk, G. T. Gel'man. *Med. rad.* 10 no. 9 30-39 S '65.

Esophagographic diagnosis of hiatus hernia. A. L. Grebenov. *Sov. med.* 28 no. 3 78-82 Mr '65.

Radioscopic diagnosis of malignant tumors of the parotid gland. V. Z. Agrunt, S. L. Dvalova. *Med. rad.* 10 no. 9 7-7 S '65.

Significance of radiolotope examination of the thyroid gland for the selection of treatment of acromegaly. I. N. Morzhikova, I. D. Kucherenko. *Med. rad.* 10 no. 9 16-20 S '65.

Use of a scintillating transmitter with a set of fittings in the diagnosis of some malignant neoplasms. F. P. Khripina. *Med. rad.* 10 no. 9 85-89 S '65.

Use of ¹³¹I-labelled thyroxine and thyroidine for the determination of the functional state of the thyroid gland. T. P. Sivachenko. *Med. rad.* 10 no. 9 31-36 S '65.

Use of X-ray methods of study in diagnosing cancer of the laryngopharynx and larynx. V. N. Khavtasi. *Soob. AN Gruz. SSR* 30 no. 3 737-744 S '65.

X-ray and hemodynamic comparisons in mitral defects. P. A. Gligorin. *Zhur. eksp. i klin. med.* 2 no. 5 77-81 '62.

DIAL TELEPHONE see Telephone, Dial

DIALECTIC—STUDY AND TEACHING

Let's acquaint them with dialectic. A. Ia. Stegmanis. *Vech. sred. shkola* 8 no. 5:25-27 S-O '65.

DIALECTICAL MATERIALISM

Criticism of anticommunist falsification of Marxist philosophy. A. N. I. Iukhin. *Nauka dokl. vys. shkoly, filos., nauki* 8 no. 5:97-100 '65.

Iakovlev, V. G. [Social and economic foundation] *Obshchestvenno-ekonomicheskaya formatsiya, Alma-Ata, Kazakhskii gos. univ.*, 1963. 22 p. (OSI-II)

Lomonosov lectures at the philosophical faculty. I. A. Kozlov. *Vest. Mosk. un. Ser. 8: Ekon., filos.* 20 no. 5 83-88 S-O '65.

Marxism and the decay of bourgeois ideology. A. Gode. *Nauka dokl. vys. shkoly, filos., nauki* 8 no. 5 65-78 '65.

[Problems in Marxist-Leninist philosophy: articles by Hungarian authors. Translated from the Hungarian.] *Problemy marksistsko-leninskoi filosofii; statii vengerskikh avtorov*. Moskva, Progress, 1965. 443 p.

DIALECTICAL MATERIALISM—METHODOLOGY

A symposium on materialistic dialectics. B. I. Vostokov, L. G. Kalazeva. *Nauka dokl. vys. shkoly, filos., nauki* 8 no. 5:103-110 '65.

DIALYSIS

Complex formation studied by means of dialysis. Part 3: Determination of the first constant of hydrolysis of cadmium and zinc acetates. B. P. Nikol'skii, M. V. Pozavol'skii, R. I. Lushchikov. *Radiokhimiya* 7 no. 5: 623-625 '65.

Study of complex formation by means of dialysis. Part 2: Deriving an equation for the determination of the reaction equilibrium constant. B. P. Nikol'skii, M. V. Pozavol'skii, R. I. Lushchikov. *Radiokhimiya* 7 no. 5 576-579 '65.

DIAMONDS see subdivision under Siberian Platform, Ural Mountains

DIAMONDS, INDUSTRIAL

Strength of diamond disks used in cutting semiconductor materials. A. G. Patrakov. *Stan. i instr.* 36 no. 9 35-35 S '65.

DIAPAUSE

Role of the larval diapause in the regulation of the progeny of *Stenodiplosia bromicola* Mar. et Ag. (Diptera, Bombyliidae). Z. Ia. Agafonova. *Trudy VIZR* no. 20 pt. 1: 70-75 '64.

DIAPHRAGM—HERNIA

Esophagographic diagnosis of hiatus hernia. A. L. Grebenov. *Sov. med.* 28 no. 3:78-82 Mr '65.

DIATOMS

Feeding habits of *Daphnia* and *Diaptomus* in ponds. I. B. Bogatova. *Trudy VNIIPKKh* 13:163-178 '65.

DIATHERMY

Effect of peritoneal diathermy on the heartbeat and motor activity of the fetus in hypotensive women. M. M. Vartanjan, Akush. i gyn. no. 2:110-115 '65.

Outpatient treatment of acute lumbosacral radiculitis by means of diadynamic currents and vitamin B₁₂. E. V. Zhuravlev. *Sov. med.* 28 no. 3 136-139 Mr '65.

DIATOMS, FOSSIL see subdivision under Baltic Sea region

DIAZO COMPOUNDS

Determination of phenols in water by diazotized par-anitroaniline. M. P. Babkin, A. K. Spitsina. *Izv. vys. ucheb. zav., khim. i khim. tekhn.* 9 no. 3 521-522 '65.

DIAZOTIZATION

Spectrophotometric study of ethacridine diazotization. P. N. Ivakhnenko, K. N. Duglasarov. *Apt. delo* 14 no. 1:38-41 Ja-Jr '65.

DICKENS, CHARLES, 1812-1870

"Your devoted friend, Charles Dickens": on the publication of the first volume of the complete collection of Charles Dickens' letters. V. Kharkinson. *Vest. Mosk. un. Ser. 7: Filol., zhur.* 20 no. 5:88-91 S-O '65.

DIDKOVSII, BORIS VLADIMIROVICH, 1883-1965?

In memory of B. V. Didkovskii; obituary. E. A. Kuznetsov. *Sov. geol.* 8 no. 8:160-170 Ag '65.

DIE CASTING

Chill casting of armor cones of crushers made of G3L steel. P. F. Parashuk. *Lit. protzv.* no. 9:44 S '64.

Die casting of textile machine flywheels. I. U. Tishchenko, I. P. Markovskii, O. B. Romanov. *Lit. protzv.* no. 9 37-38 S '65.

Liquid metal forging. G. S. Sakharov, N. G. Evlanov, F. F. Rusanov. *Trudy MATT* no. 62:110-134 '65.

Precision of die and investment castings. A. K. Kutal, I. I. Balonkina. *Lit. protzv.* no. 8:37-39 Ag '64.

Theoretical basis for the pressing of steel during crystallization. P. N. Bidula. *Lit. protzv.* no. 9:6-8 S '64.

DIE CASTING—EQUIPMENT AND SUPPLIES

Mold for making large castings under pressure. A. A. Shegolev. *Lit. protzv.* no. 9 36-37 S '65.

DIELECTRIC CONSTANT

The dielectric constant in a two-band semimetal model. E. V. Bakinnov, A. V. Chaplik. *Fiz. tver. tela* 7 no. 9: 2768-2771 S '65.

Dielectric constant of some binary liquid systems with high electric conductivity. I. U. Borovikov, I. U. Ia. Finkov. *Dokl. Akad. Nauk SSSR* 104 no. 9:1106-1109 S '65.

DIELECTRICS

Dielectric electronics and the square law of currents bounded by a space charge. E. I. Adrovich, L. A. Dubrovskii. *Dokl. AN SSSR* 104 no. 4:771-774 O '65.

Premature aging of the insulating materials of a high-voltage cable. S. M. Biagin. *Elektricheskoe no. 10:26-32 O '65.*

Some electric phenomena observed during crystallization. V. I. Lukhovitskii, I. U. A. Chikin. *Elektricheskoe* 1 no. 9: 1110-1113 S '65.

DIENCEPHALON—DISEASES

Neurohormonal changes in diencephalic pathology. A. D. Laute. *Fiziol. zhur. [Ukr.]* 11 no. 4:485-490 Ji-Ag '65.

DIES (METALWORKING)

Die for the manufacture of chain links. B. F. Kharchovnikov, A. A. Monastikhin. *Kuz. shlam. protzv.* 6 no. 9:42 S '64.

Mosin, F. V. [Mechanization of sheet-metal work with readjustable universal dies] *Mekhanizatsiya kholodnoi shtampovki na universal'nykh perenalazhivayemykh shtampakh*. Moskva, Mashinostroenie, 1965. 198 p.

Using unsharpened electrodes in manufacturing hard alloy precision punching dies. V. P. Smolentsev, G. P. Zhudin. *Trudy KAI* no. 84:74-84 '61.

DIESEL ELECTRIC POWER PLANTS

Torsional vibrations of shaft transmissions of the D100 diesel generators. I. P. Vlasenko. *Vost. mashinost.* 45 no. 9 17-20 S '65.

DIESEL ENGINES

Method for determining the design parameters of the turbine stage of a turbocompressor operating on exhaust gases with variable parameters from a two-cycle diesel engine. O. N. Alekseev. *Energomashinostroenie* 11 no. 8:8-11 Ag '65.

DIESEL ENGINES—CYLINDERS

Causes of the occurrence of cracks in the cylinder heads of diesel engines and ways for their correction. N. I. Ankov, S. Ia. Rubinshtein, B. I. Aleksandrov. *Trakt. i sel'khoz. mash.* no. 8 7-9 Ag '65.

DIESEL ENGINES—ELECTRIC EQUIPMENT

Repairing the electric equipment of the SMD engines. L. Ermolov, I. Isichenko. *Tekhn. v sel'khoz.* 25 no. 6 66-71 Je '65.

DIESEL ENGINES—FUEL SYSTEMS

Apparatus for controlling the technical conditions of the fuel system of diesel engines. I. P. Polkanov, A. S. Dantlov, I. K. Plimenov. *Trudy Ufian. sel'khoz. inst.* 10 no. 2 11-21 '64.

DIESEL ENGINES—IGNITION

Effect of the escape of the oil charge on the process of compression during the starting of a diesel engine. V. L. Kupersmidt. *Trakt. i sel'khoz. mash.* no. 6:12-14 Ag '65.

DIESEL ENGINES—RELIABILITY

Welded blocks of diesel locomotive engines and evaluation of their operative reliability. P. N. Dorokhin, V. A. Kiylov, V. S. Anisimov. *Trudy TSNI MES* no. 288 152-164 '65.

DIESEL ENGINES—SUPERCHARGERS

Studying the dynamic qualities of tractors with supercharged diesel engines. N. A. Volnov, P. L. Shepapak. *Trakt. i sel'khoz. mash.* no. 6 9-9 S '65.

DIESEL ENGINES—TESTING

Apparatus for studying the regulating system for diesel tractors. A. A. Grunauer and others. *Trakt. i sel'khoz. mash.* no. 9 9-11 S '65.

Controlling the technical conditions of the couplings of an engine without dismantling. I. P. Polkanov, I. G. Gudkov. *Trudy Ufian. sel'khoz. inst.* 10 no. 2:22-30 '64.

DIESEL FUELS

Ceramic metal ion filters for the fine purification of diesel fuel. V. N. Morozov, I. U. Semenov. *Porosh. met.* 4 no. 5:87-91 S-O '61.

New method for synthesizing butyl nitrate and amyl nitrate as cetane additives for diesel fuels. Kh. F. Asadullayeva and others. *Azerb. neft. khov.* 44 no. 2 40-41 Ag '65.

DIESEL LOCOMOTIVES

Advice on the operation of ZTEIOL diesel locomotives. G. A. Puzynin. *Elek. i tepl. tuga* 9 no. 7 35-36 Ji '65.

Experience in the operation of narrow-gauge diesel locomotives. P. G. Gantimurov, I. U. M. Porobov. *Torfi. prom.* 42 no. 3:21-24 '65.

DIESEL LOCOMOTIVES—COOLING

Cavitation corrosion of diesel engines and methods for its control. M. P. Vyssotskii. *Elek. i tepl. tuga* 9 no. 7 19-20 Ji '65.

DIESEL LOCOMOTIVES—EQUIPMENT AND SUPPLIES

Improved water pump gaskets. P. L. Pristashchuk. *Elek. i tepl. tuga* 9 no. 7 25 Ji '65.

DIESEL LOCOMOTIVES—FUEL SYSTEMS

Simple method for emergency fuel feeding to diesel engines. B. D. Dorozhnikov, V. G. Kononov. *Elek. i tepl. tuga* 9 no. 7:14-15 Ji '65.

DIESEL LOCOMOTIVES—HYDRAULIC DRIVE

Modified system for cooling the working fluid of the hydraulic drive of series TU-4 diesel locomotives. V. I. Kopytov. *Torfi. prom.* 42 no. 7:43 '65.

DIESEL LOCOMOTIVES—INSPECTION

Results of the experimental introducing of a new periodicity of rheostatic inspections of TE3 diesel locomotives. L. S. Nazarov, A. P. Sokolov. *Elek. i tepl. tuga* 9 no. 7: 7-8 Ji '65.

DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR

On methods to prevent the failure of the connecting rod bearings of 2D100 diesel engines. A. Z. Khomich. Elek i tepl. tizna 9 no 7 6 Ji '65.

Press-fitting of the diesel blocks of TGM and TGM3 diesel switcher locomotives. G. V. Rudkov, L. B. Gut. Elek i tepl. tizna 9 no 7 13-14 Ji '65.

Reconditioning of diesel locomotive parts. A. A. Prokofev, I. F. Goll, V. S. Sushkin. Trud. TSNII MPS no. 50-52 '65.

Russia (1923—U.S.S.R.) Ministerstvo putei soobshcheniya. [Regulations for the factory repair of series TE1, TE2 and TEM1 diesel locomotives.] Pravila zavodskogo remonta teplovozov seri TE1, TE2 i TEM1. Moskva, Transport, 1965. 327 p.

DIESEL LOCOMOTIVES—PARTS

Use of polyamide materials in the parts of the hinged couplings of the spring suspension on diesel locomotive trucks. P. N. Dorokhin, V. A. Kizlo, V. S. Antropov. Trud. TSNII MPS no. 288 140-151 '65.

DIET IN DISEASE

Dietotherapy in the compound sanatorium treatment following resection of the stomach for peptic ulcer. M. A. Kleinman. Shor nauch. rab. uch. uch. profsoyuzov no. 1105-113 '64.

Gubergits, A. [A.], and I. A. S. Tsimmerman. [Therapeutic nutrition in internal diseases, a brief manual for doctors and students.] Lechebnoe pitaniye pri vnutrennikh boleznyakh, kratkoe posobie dlya vrachev i studentov. Kiev, Zdorov'ia, 1965. 69 p.

(DNLM)

Method of differential use of therapeutic nutrition in hypertension complicated with adiposis under conditions of health resort treatment. R. I. Mikhel'son. Zhur. obshch. klin. med. 2 no 5 101-108 '62.

Oleyshil, M. I., and I. K. Polteva, eds. [Nutrition of the healthy and sick child.] Pitaniye zdorovogo i bol'nogo rebenka. Moskva, Meditsina, 1965. 324 p.

(DNLM)

Therapeutic nutrition in the compound treatment of cardiovascular diseases at Kislovodsk. V. V. Tashkevich. Shor nauch. rab. uch. uch. profsoyuzov no. 1160-167 '61.

DIETHYLAMINE—PHYSIOLOGICAL EFFECT

Histogenesis of anaplastic tumors induced in rats by nitroamines. I. N. Shvenberger. TSitologiya 7 no. 3 365-372 My-Je '65.

Study of the specific antigens of hepatomas induced in rats by N-nitrosodiethylamine. V. I. Fel'd, I. N. Shvenberger, V. A. Ivanov. TSitologiya 7 no. 3 410-420 My-Je '65.

DIETHYLENE GLYCOL

Solubility of diborane in diethylene glycol dimethyl ether. A. L. Gorbunov and others. Zhur. neorg. khim. 10 no. 9, 1971-1975 '65.

DIFFERENTIAL DIAGNOSIS see Diagnosis, Differential

DIFFERENTIAL EQUATIONS

Akademii nauk Azerbaidzhanskoi SSR, Baku. Institut matematiki i mekhaniki. [Studies on the theory of differential equations and the theory of functions.] Issledovaniya po teorii differentsial'nykh uravnenii i teorii funktsii. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965. 164 p.

Analytic structure of solutions to certain differential equations with a nonperiodic right-hand side with respect to the argument. A. N. Erugin. Dokl. AN BSSR 9 no. 1 7-10 Ja '65.

Analytical design of controllers for processes with distributed parameters. T. K. Shizel'dinov, Avtom. telemek. 26 no. 9-1481-1489 '65.

Approximate integration of equations in one case of motion of a rigid body. A. A. Tikhonov. Vest. LGU 20 no. 19-132-139 '65.

Approximating technique for solving extremum problems. S. N. Kirpichnikov. Vest. LGU 20 no. 19-143-146 '65.

Asymptotic solution to a diffusion problem and its use in the theory of storage systems. A. S. Bakni, G. I. A. Ljubarskii, V. V. Rozhkov. Zhur. tekhn. fiz. 35 no. 9: 1525-1531 '65.

Cauchy problem for singular systems of ordinary differential equations. I. T. Kiguradze, Dif. urav. 1 no. 10: 1273-1291 O '65.

Conditions of boundedness of the derivatives of bounded solutions to ordinary differential equations. A. I. A. Lepin, A. D. Myshkis. Dif. urav. 1 no. 9-1260-1263 '65.

Differential inequalities for equations with delayed argument. M. P. Mikhal'ova, V. V. Podgorinov. Dif. urav. 1 no. 9-1183-1189 '65.

An equation for "classical" Green functions in the kinetic approximation. B. I. Salovnikov. Dokl. AN SSSR 164 no. 4: 765-768 O '65.

Estimation of the number of solutions to certain equations. A. A. Karatsuba. Dokl. AN SSSR 165 no. 1: 31-32 N '65.

Exact solution of boundary layer equations. B. M. Berkovskii. Dokl. AN BSSR 9 no. 1: 51-54 Ja '65.

Finding periodic solutions to Riccati's equation. V. S. Loshchilin. Uch. zap. Bal. gos. ped. inst. 10: 51-63 '63.

Generalized characteristic numbers of nonautonomous systems. I. U. S. Bogdanov. Dif. urav. 1 no. 9: 1110-1118 S '65.

Instability of the solution to a system of differential equations with discontinuous right-hand sides in the critical case. V. I. Tulin. Dif. urav. 1 no. 10: 1312-1320 O '65.

An integral transformation. I. M. Krasov. Dif. urav. 1 no. 10: 1106-1110 O '65.

Number of operations required in studying the singular point of a differential equation using Frommer's method. A. P. Andreev. Dif. urav. 1 no. 9: 1155-1176 S '65.

On the accuracy of a solution proposed by Caileman. A. G. Isenian. Dif. urav. 1 no. 10: 1111-1112 O '65.

Parametric resonance of elastic systems with an infinite number of degrees of freedom. Part 2. V. N. Fomin. Vest. LGU 20 no. 19: 74-86 '65.

Periodic movements of a double pendulum. E. A. Barabashin, M. D. Kocheva. Izv. bys. ucheb. zav., mat. no. 5 19-26 '65.

Periodic solutions to Riccati's equation. V. S. Loshchilin. Uch. zap. Bal. gos. ped. inst. 10: 41-50 '63.

Principle of minimization of a quadratic functional for a hyperbolic equation. V. M. Shalov. Dif. urav. 1 no. 10: 1338-1365 O '65.

Problem for a system of differential equations describing energy and mass transfer. P. V. Tsoi. Dif. urav. 1 no. 10: 1390-1396 O '65.

Solution of a system of differential equations applied in the theory of heat and mass transfer. L. A. Marnevskaia. Dif. urav. 1 no. 10: 1397-1405 O '65.

Solution of regularized equations in perturbation theory. M. S. Aron-T'novoi. Dif. urav. 1 no. 9: 1201-1230 S '65.

Some theorems on the distribution of integral curves near a singular point and in the large. I. A. Sh. Kaplunovich. Izv. vys. ucheb. zav., mat. no. 5 71-79 '65.

Stability in the final time interval in the case of two pairs of purely imaginary roots. R. M. Nasyrov. Izv. vys. ucheb. zav., mat. no. 5 115-123 '65.

Stability in the large of the zero solution to a coagulated system. B. V. Shikhorad. Dif. urav. 1 no. 9: 1177-1182 S '65.

Stability of discontinuous systems with almost reducible linear approximations. I. V. Livartovskii. Dif. urav. 1 no. 9: 1181-1189 S '65.

Systems with transformed argument in the case when the transformations of the argument depend on the solution itself. V. P. Skrlunsk. Mat. sbor. 68 no. 2: 271-281 O '65.

Theorem on integral inequalities and some of its applications. V. M. Alekseev. Mat. sbor. 68 no. 2: 251-273 O '65.

Time transformation in problems concerning stability in the first approximation. B. F. Bylov. Dif. urav. 1 no. 9: 1149-1164 S '65.

Uniqueness and existence theorems and a priori properties of generalized solutions. V. I. Plotnikov. Dokl. AN SSSR 165 no. 1: 33-35 N '65.

Use of a locally one-dimensional method in solving a multivariate parabolic equation of 2nd order. D. G. Gorduziani. Shor. AN Gruz. SSR 39 no. 3: 535-541 S '65.

Use of the method of division of motion in analyzing a certain nonlinear system. E. I. Gerashchenko, I. P. Kikimenov. Dif. urav. 1 no. 10: 1292-1300 O '65.

Zeros in the solution to Riccati's equation. M. Y. Drakhlin. Izv. vys. ucheb. zav., mat. no. 5: 58-64 '65.

DIFFERENTIAL EQUATIONS—BOUNDARY VALUE PROBLEMS

Absence in C_{p-1} and W_{p-1}^1 ($1 \leq p \leq 2$) spaces of analogs of an energy inequality for the string equation with a bounded $\alpha(x)$ leading coefficient. L. B. Bykhovskii. Vest. LGU 20 no. 19: 11-23 '65.

Cauchy limit problem for differential equations of first and second order with unbounded nonlinear potential operators. I. A. D. Monodov. Dokl. AN SSSR 164 no. 6: 1230-1242 O '65.

Cauchy problem for a linear differential equation of infinite order. V. I. Protasov. Dokl. AN SSSR 164 no. 4: 713-745 O '65.

A class of quasi-linear parabolic equations insoluble relative to the derivative with respect to time. E. S. Shubinina. Sib. mat. zhur. 6 no. 5: 1074-1100 S-O '65.

Existence of spectral functions of generalized differential systems of the second order with boundary conditions at the singular end. I. S. Kats. Mat. sbor. 68 no. 2: 174-227 O '65.

Expansion formula related to a boundary value problem containing a complex parameter for systems of differential equations of the first order. G. B. Mustafaev. Dif. urav. 1 no. 9: 1246-1250 S '65.

First boundary value problem for certain elliptic systems of differential equations degenerate on the boundary. V. P. Didenko. Sib. mat. zhur. 6 no. 4: 814-831 Ji-Ag '65.

Fundamental boundary value problems for general elliptic systems of the second order with two independent variables. A. Dzharava. Sib. mat. zhur. 6 no. 4: 798-813 Ji-Ag '65.

The heat conduction equation in a certain case. L. D. Eskin. Izv. vys. ucheb. zav., mat. no. 5: 65-68 '65.

A lemma of compactness in relation to the Cauchy problem for differential equations. I. T. L'vov. Dokl. AN SSSR 164 no. 3: 513-518 S '65.

A method for solving the Dirichlet problem in a region. A. G. Ramm. Izv. AN SSSR, Ser. mat. 124-127 '65.

Mixed type equations. O. A. L'vov. Vest. LGU 20 no. 19: 111-113 '65.

Numerical solution in the problem of a falling chisel. A. A. Vost. Vest. LGU 20 no. 19: 169-170 '65.

Problem of the directional derivative. Dokl. AN SSSR 164 no. 1: 1-3 '65.

A problem without initial conditions. Uch. zap. Bal. gos. ped. inst. 10: 1-11 '63.

Representation of the solution of the form of an integral. Z. A. Zolotarev. Dif. urav. 1 no. 9: 1155-1176 S '65.

Solutions to certain mixed boundary value problems. Vest. LGU 20 no. 19: 169-170 '65.

Some cases of the uniqueness of a problem of strings with a free end. I. S. Kats. Dokl. AN SSSR 164 no. 3: 513-518 S '65.

The three-dimensional heat conduction problem from inhomogeneous boundary conditions. Dif. urav. 1 no. 10: 1397-1405 O '65.

Unilateral variations under the condition of uniqueness of solutions to the problem in Banach spaces. I. A. Zhur. Zhur. 6 no. 5: 1100-1108 '65.

Uniqueness of the solution to a boundary value problem. N. P. Kulikov. Vest. LGU 20 no. 19: 169-170 '65.

Use of the contour integral in the conjugation of partial differential equations. S. I. Gafduk. Dif. urav. 1 no. 9: 1155-1176 S '65.

DIFFERENTIAL EQUATIONS—BOUNDARY VALUE PROBLEMS

Matrix method for solving boundary value problems in the case of the discontinuity of integration. I. U. P. Dyukov. Dokl. AN SSSR 164 no. 3: 513-518 S '65.

DIFFERENTIAL EQUATIONS—BOUNDARY VALUE PROBLEMS

Diffusion processes and the case of the discontinuity of integration. I. U. P. Dyukov. Dokl. AN SSSR 164 no. 3: 513-518 S '65.

DIFFERENTIAL EQUATIONS—BOUNDARY VALUE PROBLEMS

Approximate solution of boundary value problems for a certain class of elliptic equations. Dif. urav. 1 no. 9: 1155-1176 S '65.

A priori estimates and solvability of boundary value problems for generalized continuous coefficients. Dokl. AN SSSR 165 no. 1: 24-27 N '65.

Theory of elliptic equations on a boundary. S. A. Torosyan. Dokl. AN SSSR 164 no. 3: 513-518 S '65.

DIFFERENTIAL EQUATIONS—BOUNDARY VALUE PROBLEMS

Finding an asymptotically stable motion of a machine aggregate. Uch. zap. Bal. gos. ped. inst. 10: 1-11 '63.

Sturm-Liouville problems for equation. I. U. P. Dyukov. Dokl. AN SSSR 164 no. 3: 513-518 S '65.

Use of nomographic methods in the partial equation. I. U. P. Dyukov. Dokl. AN SSSR 164 no. 3: 513-518 S '65.

DIFFERENTIAL EQUATIONS—BOUNDARY VALUE PROBLEMS

Asymptotic properties of the solutions of the Fowler type nonlinear differential equation. Izv. AN SSSR, Ser. mat. 124-127 '65.

DIFFERENTIAL EQUATIONS—BOUNDARY VALUE PROBLEMS

Use of the semigroup method in the solution of the problem of the uniqueness of solutions to a boundary value problem. Melamud. Mat. sbor. 68 no. 2: 174-227 O '65.

DIFFERENTIAL EQUATIONS—BOUNDARY VALUE PROBLEMS

Correctness of a problem for a partial differential equation. Sib. mat. zhur. 6 no. 5: 1074-1100 S-O '65.

DIFFERENTIAL GEOMETRY

DIFFRACTION

Diffraction in cavity resonators with a boundary. Part 1. L. A. Vainshteyn. Fiz. tverd. tela 6 no. 4: 1098-120 '65.

Diffraction in cavity resonators with a boundary. Part 2. L. A. Vainshteyn. Fiz. tverd. tela 6 no. 4: 130-147 '65.

DIFFRACTION (Continued)

Diffraction in cavity resonators with confocal mirrors
Part 3. L. A. Vainshteyn. *Izvestiya Vsesoyuznogo nauchnogo tsentra* 1118-106 '65.

DIFFUSION

Calculation of the initiation and activation energies of hydrogen diffusion in metals. A. I. Gubanov, V. I. Shkulin. *Izv. vser. tsel. 7* no. 9:2701-2707 S '65.

Diffusion bonding in vacuum of metalloid carbides with high-melting metals. A. L. Burykina, O. V. Evstusheva. *Priroda* 1965, 5 no. 1:87-95 Ja '65.

Diffusion coefficients determined by the absorption method from the average displacement. V. I. Spitayn, V. S. Arakel'yan. *Dokl. AN SSSR* 164 no. 1:861-867 O '65.

Diffusion coefficients of metals in mercury. Part 1: New method for determining diffusion coefficients from the decay with time of the anodic limiting current on a hanging mercury drop. A. G. Stromberg, E. A. Zakhvatova. *Izvestiya Vsesoyuznogo nauchnogo tsentra* 1118-106 '65.

Diffusion kinetics of bimolecular reactions in the solid phase. Reaction of immobile centers with mobile components from the heterophase. I. A. S. Lebedev. *Khim. i fiz.* 6 no. 3:522-531 My-Je '65.

Diffusion of electrolytic hydrogen through bimetallic membranes. V. V. Kuznetsov, E. N. Kon'shina. *Izvestiya Vsesoyuznogo nauchnogo tsentra* 1118-106 '65.

Effect of ultrasound on the diffusion of electrolytic hydrogen through film membranes. V. V. Kuznetsov, N. I. Subbotina. *Izvestiya Vsesoyuznogo nauchnogo tsentra* 1118-106 '65.

Use of the comparative calculation method for determining the activation energy and diffusion coefficients of elements in the solid state. L. P. Ruzhnikov, G. N. Dubinin. *Zhur. fiz. khim.* 39 no. 9:2284-2286 S '65.

DIGESTION

Some data on perivisceral and partial digestion in the sheep intestines. A. I. Uzunov, K. Rakhimov, Z. N. Jakush. *Uch. zap. Kazan. univ.* 9 no. 5:32-35 '65.

DIGESTIVE ORGANS--DISEASES

Berdalov, V. N. [Nonhealth-resort treatment of diseases of the digestive organs] *Vnekurortno lechenie zabolovaniy organov pishchevarenia*. Moskva, Meditsina, 1965, 22 p. (Nauchno-populjarnaya meditsinskaya literatura) (DNIM)

DIGESTIVE ORGANS--FISHES

Changes in the intestinal epithelium of salmon (*Salmo salar* L.) during the spawning period. N. E. Vasil'eva, M. N. Mal'nikova. *Nauch. dokl. vuz. obshch. biol. nauk* 10 no. 4:32-35 '65.

Effect of temperature on the development of abnormalities in the sheep intestine. G. S. Shul'evskiy, G. I. Shul'evskiy. *Izv. vuz. 1* 30-47 '65.

DIXES (GEOLOGY) see subdivision under Tymyr-Paninskaya

DIMETHYLAMINE

Double chlorides of lanthanum, cerium, praseodymium, and neodymium with dimethylamine chloride. N. N. Sakharova, V. P. Avdeev. *Zhur. neorg. khim.* 10 no. 9:2030-2035 S '65.

DIODES, ELECTRON-TUBE

Gas-filled diode in a regime devoid of electron Maxwellization. E. I. Nagiev. *Zhur. tekhn. fiz.* 35 no. 9:1634-1641 S '65.

DIODES, SEMICONDUCTOR

Electrical characteristics of GaAs p⁺-p-n diodes. L. M. Kogan, S. S. Meskin. *Radiotekh. i elektron.* 10 no. 10:1912-1914 O '65.

Equivalent circuit of a transistor diode for the calculation of transient processes. A. A. Lukin. *Fiz. i inzh. (Eng. Sci. Res.)* Trudy MEI 55:165-176 '65.

Properties of long diodes. G. M. Avak'yan, Radiotekh. i elektron. 10 no. 10:1880-1886 O '65.

Some electrical properties of Ge and Si cord diodes. A. B. Pavlov, V. A. Sablikov. *Radiotekh. i elektron.* 10 no. 10:1887-1892 O '65.

DIOPHANTINE ANALYSIS

Josmanowicz's problem for Pythagorean numbers. V. A. Dem'yanenko. *Izv. vuz. ucheb. zav., mat.* no. 5:62-66 '65.

DIOHITE see subdivision under Kazret region (Georgia)

DIOSCOREA

Vegetative propagation of *Dioscorea caucasicus*. M. F. Kharkoz, Rast. res. 1 no. 3:402-405 '65.

DIOGENIN

Dioegenin content in the rhizomes of some *Dioscorea* species introduced in the Moscow region. V. I. Kichenko, V. V. Ponomarev. *Rast. res.* 1 no. 3:397-402 '65.

DIPHENYLAMINE

Physicochemical analysis of binary liquid systems formed by amines. Part 1: Systems diphenylamine-amines. I. A. Fialkov, O. V. Chyrukov, N. N. Kudra. *Zhur. obshch. khim.* 35 no. 9:1523-1529 S '65.

DIPHThERIA

Stimulation of regeneration of the heart muscle in diphtherial myocarditis. L. V. Polezhaev, S. P. Kolchin, G. N. Solntseva. *Dokl. AN SSSR* 164 no. 1:910-912 O '65.

DIPHThERIA--MICROBIOLOGY

Characteristics of streptococci isolated from diphtheria patients. L. I. Kuzmina. *Shoi. nauch. izd. TashGMI* 22:311-317 '62.

DIPHThERIA ANTITOXIN

Physicochemical and immunological characteristics of the individual proteins of antidiphtheric serum. K. Kh. Fakhzhev. *Shoi. nauch. izd. TashGMI* 22:330-337 '62.

DIPOLE MOMENTS

Appearance of dipole-dipole interaction in the infrared spectrum of solutions of trialkyl ammonium salts. G. S. Denisov, E. V. Ryl'kov, D. N. Suglobov. *Dokl. AN SSSR* 161 no. 5:1052-1056 O '65.

Characteristics of the radiation from point dipoles moving in narrow cavities in magnetoactive media. K. A. Burakov, V. N. Kadanov, Zhur. tekhn. fiz. 35 no. 9:1606-1609 S '65.

DIPPERS (BIRDS) see subdivision under Talysh Mountains

DIRECT CURRENT ELECTRIC MOTORS see Electric motors, Direct current

DISABILITY EVALUATION

(see also subdivision under Pushkino, Moscow Province, Sverdlovsk Province; Volgograd Province)

Disability Evaluation Committee and the prevention of disability in the diseases of osteoarticular apparatus. N. Kostin. *Sots. obsch.* 26 no. 10:28-31 O '65.

Medical expertise of the capacity for work and rehabilitation of persons following surgery for hernia of an intervertebral disk and hypertrophy of the ligamentum flavum of the lumbar region. G. I. Lukacher, J. A. Fal'chuk, E. A. Zhmotaeva. *Sov. med.* 28 no. 3:104-108 M '65.

"Part of our work." A. Vasil'ev. *Sots. obsch.* 26 no. 11:32-33 N '65.

DISABLED VETERANS see Veterans, Disabled

DISARMAMENT

Problems of disarmament at the present stage. V. Shestov. *Mechinaz. zhizn'* 12 no. 11:71-84 N '65.

DISCRETE TIME SYSTEMS

Features of increase reliability of discrete-type computing and controlling systems. V. B. Sverdlovskiy. *Trudy MEI* no. 50:245-252 '65.

Problems of statistical dynamics of discrete systems of automatic optimization. N. E. Madzharov. *Trudy MEI* no. 50:159-171 '65.

DISINFECTION AND DISINFECTANTS

Bactericidal effect of sodium metasilicate. P. A. Shakh-bazim. *Zhur. eksp. i klin. med.* 2 no. 6:41-44 '62.

Quantitative microbiological study as a method for the evaluation of the effectiveness of various disinfection methods used in dysentery. M. S. Idina. *Trudy Len. inst. epid. i mikrobiol.* 21:169-182 '63.

Scientific bases of the synthesis of chemicals for the realization of veterinary hygienic measures in animal husbandry. A. A. Polinikov. *Trudy VNIIVS* 24:3-11 '64.

DISKS, ROTATING

Breakdown of rotating disks. I. A. Koslov, V. G. Bazhenov. *Vest. mashinost.* 45 no. 9:9-12 S '65.

Ultimate elastoplastic deformations of an unevenly heated rotating disk. V. N. Alpert, Prikl. mekh. 1 no. 9:88-94 '65.

DISLOCATIONS

Subluxations in infectious nonspecific polyarthritides. I. S. Kionakov. *Sov. med.* 28 no. 3:97-100 M '65.

DISLOCATIONS IN CRYSTALS

Decrease of the critical stresses in the motion and multiplication of dislocations during repeated bending. R. I. Garber, L. I. Soloshenko, O. A. Khalaf. *Fiz. tver. tela* 7 no. 9:2855-2859 S '65.

Interaction between a uniformly moving edge dislocation and impurity atoms in anisotropic face-centered cubic crystals. B. I. Lubov, G. M. Chernizer. *Dokl. AN SSSR* 164 no. 5:1037-1040 O '65.

DISLOCATIONS IN METALS

Dislocation structure formed during thermomechanical treatment of alloys with a low stacking fault energy. L. S. Bushinov, E. F. Dudarev, V. F. Panin. *Izv. AN SSSR, Met.* no. 5:173-178 S-O '65.

Increasing the heat resistance of metals by forming stable dislocation structures. I. K. Gordienko. *Izv. AN SSSR, Met.* no. 5:158-163 S-O '65.

Moscow. Institut metallurgii. [Role of dislocations in the hardening and the failure of metals] *Rol' dislokatsii v uprochnenii i razrushenii metallov*. Moskva, Nauka, 1965, 179 p.

Nature of the high plasticity of martensite aging alloys. M. D. Parkme. *Metallurg. i term. obr. met.* no. 9:28-32 Ag '65.

DISORDERS OF METABOLISM see Metabolism, Disorders of

DISPENSING APPARATUS

Vidney, H. D. [Automatic continuous dispensing of materials] *Avtomaticheskoe nepriyemnoe dozirovaniye materialov*. Moskva, Energiya, 1965, 100 p. (Biblioteka po avtomatike, no. 145)

DISPERSION ANALYSIS see Particle size determination

DISPLAY OF MERCHANDISE--EQUIPMENT AND SUPPLIES

The subject should be familiar with the art of decoration. I. G. Gubanov. *Sov. tezg.* 39 no. 10:55-56 O '65.

DISPUTES, LABOR see Labor disputes

DISSEMINATIONS, ACADEMIC

1494 of defended dissertations. *Izv. vuz. ucheb. zav. pishch. tekhn.* no. 5:32, 19, 55, 61, 100, 193 '65.

DISSOCIATION

Behavior and separation of impurities during the thermal dissociation of silver nitrate. S. M. Anisimov, V. I. Petrenko. *Izv. vuz. ucheb. zav., teyev. met.* 8 no. 5:61-65 '65.

Interrelation between the vibrational relaxation and dissociation of diatomic molecules. N. M. Kuznetsov. *Dokl. AN SSSR* 164 no. 5:1097-1100 O '65.

Mass spectra of dissociation of CH₄, CH₃, C₂H₄ ions and certain radicals. S. E. Kupchanov. *Khim. fiz.* 6 no. 3:532-533 My-Je '65.

Study of adsorbed molecules by the electronic impact method. A. M. Panesh, I. A. Masnikov. *Zhur. fiz. khim.* 39 no. 9:2326-2327 S '65.

DISTANCES--MEASUREMENT

Iterative method for determining the optimum points with reference to the given points. E. G. Latchenko. *Izv. vuz. ucheb. zav., geod. i aerof.* no. 2:13-17 '65.

DISTILLATION

Analytical equation of states for the rectification process of nonideal binary mixtures. I. U. A. Alekseyev. *Izv. vuz. ucheb. zav., pishch. tekhn.* no. 5:151-160 '65.

DISTILLATION, FRACTIONAL

Determining the coefficients of relative volatility of component pairs in a multicomponent mixture. B. S. Sverdlovskiy, I. U. Molokanov, and others. *Zhur. fiz. khim.* 39 no. 9:2117-2119 S '65.

DISTILLATION, MOLECULAR

Molecular distillation of var residues. Report No. 1. A. N. Bodan, B. L. Kostuk. *Mashinost. i prom.* 31 no. 7:17-20 JI '65.

DISTILLATION APPARATUS

Production of granulated carbanilide from the melt of the distillation column of the first stage in a fluidized bed. U. N. Kiselev, V. I. Demashin, S. G. Shirokov. *Izv. vuz. ucheb. zav., khim. i khim. tekhn.* 8 no. 3:501-510 '65.

DISTILLERY BY-PRODUCTS

Use of distillery by-products in *Aethomyces* cultivation. A. P. Rohozhynov, A. M. Brins'ka. *Mikrobiol. zhur.* 27 no. 5:71-80 '65.

DISTILLERY INDUSTRIES--BY-PRODUCTS

Distillery by-products

DISTRIBUTION (PROBABILITY THEORY)

Distribution of probabilities for the internal coordinate of a polyatomic molecule in a vibrational stationary state. L. S. Malanov. *Dokl. AN SSSR* 164 no. 4:852-855 O '65.

DISTRIBUTIVE EDUCATION

(see also subdivision under Balashov; Lvov Province) Training store for every district. A. Kobzev. *Sov. potreb. kooper.* 9 no. 10:24-25 '65.

DISULFIDE GROUP

Determination of disulfide bonds in proteins. V. I. Okulov. *Lab. dela* no. 10:591-594 '65.

DITCHES--MAINTENANCE AND REPAIR

The LR-2 shovel for the maintenance of ditches. L. Borinkeva. *Tekhn. i vel'khoz.* 25 no. 8:34-35 Je '65.

DIURETICS AND DIURESIS

Diuretic effects of progesterone. M. D. Pechorskaya. *Sov. med.* 28 no. 3:33-36 M '65.

DIVING, SUBMARINE

(see also subdivision under Estonia; Tomsk)

Popular, but why not for mass participation? V. Meksinenko. *Sov. voyn.* 46 no. 17:42-43 Ag '64.

DIVISION OF LABOR

(see also subdivision under Europe, Eastern)

Division and cooperation of labor under conditions of modern production. M. Demchenko. *Sots. izd.* 10 no. 10:95-103 '65.

- DIVISION OF LABOR (Continued)**
Objective tendency of the development of standardization and specialization in production during the period of the large-scale building of communism. L. Karabanova. Trudy MNT no. 180:80-91 '65.
- What division of labor disappears? G. F. Akhminov. Mat. i mek. 1965 no. 1:20-21 '65.
- DNEPRODZERZHINSK—WAGGS—STEEL INDUSTRY**
The cause you serve. I. M. Gintseva. Sov. profsoyuzy 21 no. 20:9-12 O '65.
- DNEPRODZERZHINSK HYDROELECTRIC POWER STATION—CONCRETE**
Hydrotechnical concrete at the Dneprodzerzhinsk Hydroelectric Power Station. V. I. Levashin. Gidr. stroi. 35 no. 6:1-4 Je '65.
- DNEPRODZERZHINSK HYDROELECTRIC POWER STATION—CONCRETE BEAMS**
Assembly of reinforced concrete beams of the bridge crossing over the dam of Dneprodzerzhinsk Hydroelectric Power Station. B. L. Mashichev. Gidr. stroi. 35 no. 6:10-11 Je '65.
- DNEPRODZERZHINSK HYDROELECTRIC POWER STATION—CONSTRUCTION EQUIPMENT**
Assembly of mechanical equipment at the Dneprodzerzhinsk Hydroelectric Power Station. T. P. Makhan'kova. Gidr. stroi. 35 no. 6:8-9 Je '65.
- DNEPRODZERZHINSK HYDROELECTRIC POWER STATION—STONE, CRUSHED**
Supplying crushed stone for the construction of the Dneprodzerzhinsk Hydroelectric Power Station. M. S. Artyukov. Gidr. stroi. 35 no. 6:4-6 Je '65.
- DNEPROPETROVSK—COMMUNITY CENTERS**
On the outskirts of a city. I. Timchenko. Part. zhizn' no. 22:51-53 N '65.
- DNEPROPETROVSK—MACHINERY INDUSTRY—HYGIENIC ASPECTS**
Duty of every engineer and every worker. L. Krasnov. Okhr. truda i sots. strakh. 8 no. 11:10-11 N '65.
- DNEPROPETROVSK—ORTHOPEDIC APPARATUS INDUSTRY**
We introduce the progressive. M. Men' G. Zhuravleva. Sots. zhizn' 26 no. 11:46 N '65.
- DNEPROPETROVSK—TIRES, RUBBER**
Technological process of the manufacture of diaphragms for shape-vulcanizers used by the Dnepropetrovsk Tire Plant. Z. M. Solov'eva, V. V. Aleksandrov. Kauch. i rez. 24 no. 8:35-41 '65.
- DNEPROPETROVSK PROVINCE—DOMESTIC ANIMALS—WATERING**
Capron parts of the PA-1 and PA-2 automatic stock waterer. S. E. Chubuk, S. I. Shapoval, V. V. Andrienko. Travy i sel'khozmasht. no. 8:15 Ag '65.
- DNEPROPETROVSK PROVINCE—TRADE UNIONS**
Babitskiy, L. N. [Concern of the factory and plant trade-union committee for the training and education of children] Zabota FZMK o vospitanii i obuchenii detei. [Moskva] Profizdat, 1965 50 p. [bibliotekha profsoyuznogo aktyvista, no. 13(109)]
- DNEPROPETROVSK REGION—BIRDS**
Birds in the forests of the Dnepropetrovsk region. A. D. Kolesnikov. Ornitologiya no. 7:67-70 '65.
- DNEPR ECONOMIC REGION—ACCOUNTING—STUDY AND TEACHING**
School of progressive practice in accounting and analysis. Bukhg. uch. 22 no. 8:17-20 S '65.
- DNEPR ECONOMIC REGION—LABOR AND LABORING CLASSES—EDUCATION**
Principal means and forms of improving the workers' cultural and technical level. L. Korshunova. Ekon. Rad. Ukr. 8 no. 5:70-74 My '65.
- DNEPR VALLEY—ANDALUSITE**
Recent andalusite manifestation of the Ukrainian Crystal-Line Shield. V. V. Baidakov, A. A. Bochkov. Dokl. AN SSSR 165 no. 1:171-174 N '65.
- DNEPR VALLEY—SWALLOWS**
More on the feeding habits of bank swallow. O. M. Misosheva. Ornitologiya no. 7:481-482 '65.
- DNESTER RIVER—GAMMARIDAE**
Pontocaspian immigrants from the genus *Dikrogammarus* (Crustacea, Amphipoda) at the source of the Dniester River. N. S. Ialynskaya. Zool. zhur. 44 no. 8:1328-1332 '65.
- DNESTER VALLEY—BIRDS**
Quantitative characteristics of the ornithofauna in the orchards of the Dniester Valley of Moldavia. I. M. Gania. Ornitologiya no. 7:200-208 '65.
- DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1836-1861**
Allegory of Dobrolubov and a legend by M. Gor'kii. L. M. Feneber. Uch. zap. GGU no. 71:282-286 '65.
- The art of analysis. G. V. Krasnov. Uch. zap. GGU no. 71:202-212 '65.
- Creative method of the writer in the criticism of Dobrolubov. M. G. Zeldovich. Uch. zap. GGU no. 71:18-19 '65.
- Episode from Dobrolubov's student life. V. I. Bograd. Uch. zap. GGU no. 71:261-274 '65.
- I. A. Protovskii was a pupil of Chernyshevskii and Dobrolubov. B. F. Dgorov. Uch. zap. GGU no. 71:243-245 '65.
- I. I. Davydov's views of Dobrolubov. S. A. Reiser. Uch. zap. GGU no. 71:275-281 '65.
- I. S. Turgenev's article "Hamlet and Don Quixote" on the polemics of Dobrolubov and Turgenev. I. D. Levin. Uch. zap. GGU no. 71:122-163 '65.
- Motion of research thought. P. Nikolov. Vop. lit. 8 no. 10:222-227 O '65.
- Pedagogic activities of B. I. Skvabnik, a friend of Dobrolubov, in Mzhynny Novgorod. D. A. Balika. Uch. zap. GGU no. 71:244-267 '65.
- Some characteristics of the style of Dobrolubov's critical articles. I. A. Malina. Uch. zap. GGU no. 71:188-201 '65.
- Tactics of N. A. Dobrolubov in the initial revolutionary situation. V. V. Pugachev. Uch. zap. GGU no. 71:94-121 '65.
- Theory of literary creation in the works of Dobrolubov. V. V. Kozhinov. Uch. zap. GGU no. 71:1-17 '65.
- Works of V. A. Sollogub as appraised by Dobrolubov. V. A. Grekhnev. Uch. zap. GGU no. 71:161-187 '65.
- DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1836-1861—AESTHETICS**
Problem of the national character in the aesthetics of Dobrolubov. G. V. Krasnov. Uch. zap. GGU no. 71:64-93 '65.
- DOCTORS** see Physicians
- DOCUMENTARY FILMS** see Motion pictures, Documentary
- DOCUMENTATION**
Acquisition of documentary materials for archives. I. V. Harnaba, F. P. Ezenkov, G. P. Romanil. Ist. dsher. in. ikh vyk. no. 1:21-36 '64.
- DOGS—DISEASES AND PESTS** see subdivision under TUMS region
- DOMAIN STRUCTURE**
Effect of elastic stresses on the structure of interdomain boundaries in ferromagnetic films. V. A. Buravikhin, V. I. Popov. Dokl. AN SSSR 164 no. 5:1028-1031 O '65.
- Study of the boundary layers between domains in some ferrites with a spinel structure. A. I. Dikina, V. I. Sinagubov. Zhur. eksp. i teor. fiz. 48 no. 3:713-719 S '65.
- DOMESTIC ANIMALS**
Biometeorological principles of the dependence of farm animals on weather conditions. N. A. Koninkhov. Trudy KozhNIGMI no. 24:59-62 '65.
- Lakoz, I. I. [Fundamentals of stockbreeding] Osnovy zhivotnovodstva. Moskva, Kolos, 1964 278 p. (Ucheb.-nizh. i uchebnye posobia dlia vysshikh sel'skokhozhajstvennykh uchebnykh zavedenii) (DNAL)
- DOMESTIC ANIMALS—TRANSPORTATION**
Basis for the architectural and constructional type of specialized vessels for livestock transportation. P. A. Maiyl, M. M. Rybal'skaya. Trudy LVVT no. 65:30-48 '64.
- DOMESTIC ANIMALS—WATERING** see subdivision under Dnepropetrovsk Province
- DOMESTIC EDUCATION**
(see also subdivision under Siberia)
Getting acquainted with the world. I. Breznevich. Doshk. voep. 38 no. 3:48-44 S '65.
- DOMESTIC RELATIONS** see subdivision under Ukraine
- DOMINICAN REPUBLIC—MILITARY ASSISTANCE, AMERICAN**
Santo Domingo again. VI. Zhukov. Nov. vsem. 23 no. 44:17 O '65.
- DON RIVER—FISHES—FOOD**
Tank system of feeding fishes in the Don Fishery Combine. V. S. Proslany, B. A. Nikoluk. Ryb. khoz. 11 no. 6:22-26 '65.
- DON VALLEY—LEPTOSPIROSIS**
Ecological factors of the focalization of leptospirosis of the Hebdomadis serological group in the floodplain of the Don River. V. F. Kondratenko. Zool. zhur. 44 no. 8:1309-1315 '65.
- DONATELLO, 1386 (ca.)-1466**
Moscow. Gosudarstvennyi muzej izobrazitel'nykh iskusstv. Donatello. Moskva, 1960. [11] p. 34 plates (NNMM)
- DONETS BASIN—BENTONITE**
Bentonite bentonites in the Donetsk Basin. II. N. Hupatov. Lit. i pol. tekhn. no. 3:91-95 My-Je '65.
- DONETS BASIN—COAL—ANALYSIS**
Lower carboniferous coal of the western Donetsk Basin and its characteristics as raw material for coking. A. S. Dab, M. D. Shupiro, L. S. Al'terman. Khim. i tekhn. no. 10:1-11 '65.
- DONETS BASIN—COAL MINERS**
Improvement in the qualifications and cultural level of the miners of the Donetsk Basin, 1951-1955. Z. A. Khudjak. Ukr. int. zhur. 8 no. 3:88-90 My-Je '64.
- DONETS BASIN—COAL MINES AND MINING**
People among people. V. Chernov. Sov. profsoyuzy 21 no. 21:12-15 N '66.
- Technological parameters for the hydraulic transport of rock in Donetsk Basin coal mines. P. D. Zhuravlev, A. I. Smolyarev. Uchel. Ukr. 9 no. 10:38-39 O '65.
- Underground drainage of mines under construction in the western Donetsk Basin. I. K. Skamhenko and others. Shkhi stroi. 9 no. 7:16-19 Ji '65.
- DONETS BASIN—COPPER ORES**
Problems in prospecting for stratified copper ores in the Donetsk Basin. I. M. Hupatov. Lit. i pol. tekhn. no. 3:120-121 My-Je '65.
- DONETS BASIN—ISOMORPHISM (CRYSTALLOGRAPHY)**
Iron, magnesium, and calcium isomorphism in the carbonate concretions of coal-bearing in different parts of the Donetsk Basin. P. V. Zolotarev. Lit. i pol. tekhn. no. 3:15-16 My-Je '65.
- DONETS BASIN—PROSPECTING**
Problems in prospecting for stratified copper ores in the Donetsk Basin. I. M. Hupatov. Lit. i pol. tekhn. no. 3:120-121 My-Je '65.
- DONETS BASIN—TROTSKYISM**
The fight against the Plutonic factional group in the Donetsk Basin during the period between the 14th and 15th Congresses of the party. II. N. Hupatov. Ukr. int. zhur. 8 no. 3:100-103 My-Je '64.
- DONETS BASIN—WAGGS—STEEL INDUSTRY**
There is a need for group forms of material incentives. II. Hupatov. Ekonom. Rad. Ukr. 8 no. 5:62-65 My-Je '65.
- DONETS ECONOMIC REGION—COAL MINES AND MINING—SAFETY MEASURES**
Eliminating the causes of industrial traumatism in the mines of the Donetsk Economic Region. G. P. Yegorov. Izv. vuzov. 9 no. 6:10-13 Ag '65.
- DONETSK—BOTANICAL GARDENS**
Founding of the Donetsk Botanical Garden of the Academy of Sciences of the Ukrainian SSR. M. I. Hupatov. Ukr. int. zhur. 22 no. 4:105-108 '65.
- DONETSK—MINERAL MANAGER**
Legal status of raw and processed material in the industrial enterprise. II. Tsymerman. Ned. prava 28 no. 7:70-74 O '65.
- DONETSK—SOCIALIST PROPERTY**
Legal status of raw and processed material in the industrial enterprise. II. Tsymerman. Ned. prava 28 no. 7:70-74 O '65.
- DONETSK PROVINCE—DRUGSTORES**
School of leading expertise. I. K. Dubovikov. Ag. v. 14 no. 1:62-67 Ja-Je '65.
- DONSKOY (ROSTOV PROVINCE)—SANATORIUM**
Sanatorium for miners. O. Dabov. Otd. zhizni i zdr. strakh. 8 no. 11:17 N '65.
- DOPAN**
Spectrophotometric determination of cytolactone in the dichloroethylenic group (Dopan and analogues) in the ultraviolet region. I. A. Blazhuk, I. K. Kravchuk. Farmatsevt. zhur. 30 no. 1:22-24 '65.
- DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881**
Zundelovitch, I. A. [Novels of Dostoevskii, articles] Romany Dostoevskogo; stat'i. Zhukovskii, G. I. [ed.] "Sredniaia i vysshiaia shkola," Ucheb. 1963. 241 p. (CXX)
- DOUBLE REFRACTION** see Refraction, Double
- DOUBLE STARS** see Stars, Double
- DOV'HUSH, OLEKSA, 1710-1745**
Oleksa Dovhush, a fighter against the oppression of peasant masses in the West Ukrainian lands. V. V. Hrabovetskiy. Ukr. int. zhur. 9 no. 8:83-119 Ag '65.
- DOVZHENKO, OLEKSANDR PETROVYCH, 1894-1955**
Rachuk, I. A. [Poetics of Dovzhenko] Poetika Dovzhenka. Moskva, Izkusstvo, 1964. 187 p. (MII)

- DOWNY MILDEW**
(see also subdivision under 'Ternopol' Province)
Biology of the development of Peronospora infection of sugar beets in White Russia. A. S. Shukana. Vestn AN BSSR Ser. sel'hozg. nav. no. 2 77-82 '65.
- DRACONFLIES**
Interrelationship between body weight and wing area in dragonflies. G. I. Riazanova. Zool. zhur. 14 no. 9 1357-1362 '65.
- DRAINAGE**
(see also subdivision under 'Golodnaya Steppe, Ukraine, Urgench')
Experience in the winning of milled peat with bag drainage by means of sparke and deep canals. M. A. Ugarov. Izv. prom. 12 no. 7 17 '65.
Machine and melioration stations as a decisive factor in the improvement of meadows and pastures. P. S. Chikov. Gidr. i mel. 17 no. 8 44-48 Ag '65.
Optimal depth for laying drainage pipes. I. A. U. Unka. Gidr. i mel. 17 no. 8 46-50 S '65.
Problem of the depth of laying drainage pipes. T. S. N. Shukina. Gidr. i mel. 17 no. 8 35-45 S '65.
Problems of land improvement in the U. S. S. R. S. S. Kobysh. Mnt. i soob. i st. i. d. i. st. po truch. SSSR no. 5 76 00-09 '61.
- DRAINAGE—EQUIPMENT AND SUPPLIES**
Hydraulic suspension device of the working parts of land improvement machines. P. A. Nesterov. Gidr. i mel. 17 no. 8 51-56 S '65.
Intensive drying of peat bogs by means of deep drainage with continuous plastic film pipes. S. G. Solopov, N. V. Bulatovskii, M. D. Nikulin. Trif. prom. 42 no. 3 21-27 '65.
- DRAINAGE, SURGICAL**
Dynamics of brainstem and general brain symptoms of occlusive origin during prolonged drainage of cerebral ventricles in children. M. I. A. Motenak. Vop. neirokhii no. 1 56-57 '65.
- DRAWING—EQUIPMENT AND SUPPLIES**
Judgment for the mechanical and art drawing study room. I. P. Denisov. Shkola i prosv. 9 no. 10 65-67 O '65.
- DRAWING—INSTRUCTION**
Sheshakov, K. A. [Let's draw, an aid for students] *Pravilno risovat', posobie dlia uchashchikhsia. Leningrad, Gos. izd-vo M.-va prosvetsheniia RSFSR. Leningrad, old-ale, 1963. 72 p.* (RU)
- DRAWING (MIT)ALWORK**
Drawing pipes through tapered dies. N. N. Malinin. Izv. AN SSSR. Mekh. no. 5 122-124 S-O '65.
- DRAWING INSTRUMENTS**
Description of complicated figures constructed with the aid of an all-purpose drawing device. I. P. Sokolov. Stroitel' arkh. Uzb. 6 no. 1 12-16 Ja '65.
- DRAWING MATERIALS**
New drawing board for the designer. V. Sakalye, V. L. Kuznetsov. Vych. i org. tekhn. v stroit. i proekt. no. 3 76-77 '64.
Using coordinate paper to accelerate drawing and graph work. N. A. Hoshova. Vych. i org. tekhn. v stroit. i proekt. no. 3 73-76 '64.
- DRAWING—ROOM PRACTICE**
(see also subdivision under 'Zaporozh'ye')
Compiling and reproducing design documentation by a method of flat copying. M. B. Levin. Vych. i org. tekhn. v stroit. i proekt. no. 2 80-84 '64.
Problems in the organization and equipment of working areas for designers and engineers. O. A. Khibler. Vych. i org. tekhn. v stroit. i proekt. no. 2 85-88 '64.
- DREDGING MACHINERY**
From the history of building and road machinery, the first dredging machines in Russia. N. N. Khoshilov. Stroitel' arkh. Uzb. 10 no. 8 39 S '65.
Use of boronized bucket chain piers on a dredge. V. M. Zamoruev, V. A. Kulikov. Trudy LITV no. 75 29-32 '64.
Variable-speed diagram of a multiple-bucket dredge. P. P. Kononov. Trudy LITV no. 75 33-38 '64.
- DREDGING MACHINERY—DESIGN AND CONSTRUCTION**
Structural defects in 250-liter dredgers. Zh. P. Korshikov. Iteop. truda v prom. 9 no. 8 18-19 S '65.
- DREISER, THEODOR, 1871-1945**
Dreiser, man and writer. M. Pugacheva. Vop. lit. 9 no. 10 145-147 O '65.
- DREISSINIDAE** see subdivision under 'Caspian Sea
- DRESSINGS (SURGERY)** see Splints (Surgery)
- DRESSMAKING**
Kulvoshel, L. A. [To make people more beautiful] *Cheloby hudi byli krasivee. [Volgograd] Volgogradskoe knizhnoe izd-vo, 1963. 10 p.*
- DRIFTING ICE STATIONS** see subdivision under 'Arctic regions
- DRILLING AND BORING MACHINERY**
Machine for boring seats of bushings and sleeves of the distributing shaft. D. Butychev. Avt. transp. 43 no. 10 31-32 O '65.
- DRILLING AND BORING MACHINERY—NUMERICAL CONTROL**
Electrical drive of the program control system of a vertical drilling machine. V. K. Tepinkichev. Izv. vys. ucheb. z-va, elektromekh. 8 no. 9 998-1001 '65.
- DRILLING FLUIDS**
Characteristics of coagulation structure formation in dispersions of argillaceous minerals after autoclave treatment. N. N. Kruglik and others. Dokl. AN SSSR 164 no. 6 1351-1354 O '65.
- DRINKING WATER—PURIFICATION**
High-capacity installations and efficient methods of drinking water purification. V. I. A. Merzlenko, V. I. Kulzhinskii, V. A. Mikhailov. Sbor. nauch. trid. RNI AKKH no. 2 22-40 '63.
- DROSOPHILA**
Phenomena of phenotypic parallelism in natural populations of *Drosophila melanogaster*. I. U. M. Olenov. Genetika no. 2 87-91 Ag '65.
Study of the nature of somatic mosaicism of *Drosophila melanogaster*. I. M. Tupitsyna. Genetika no. 1 123-129 '65.
- DROUGHTS**
Mal'tsev's Hillage system overcomes drought. E. Ma-keev. Zemledelie 24 no. 11 73-74 N '65.
- DRUGS**
New drugs. I. M. Kravchenko. Farmats. zhur. 20 no. 1 91-95 '65.
Procurement, storage, and use of medicinal plants. I. M. Huhayki. Farmats. zhur. 20 no. 1 3-5 '65.
- DRUGS—ADULTERATION AND ANALYSIS**
Increase of the drug quality means improvement in the medicinal service to the population. M. A. Kiselev. Apt. delo 14 no. 1 3-8 Ja '65.
- DRUGS—EFFECT ON MICRO-ORGANISMS** see Micro-organisms, Effect of drugs on
- DRUGS—PHYSIOLOGICAL EFFECT**
Study of the psychotropic preparation VL-2 on a model of autogenic epilepsy. A. F. Semiozhina, D. D. Ivanov, A. N. Golubitsa. Nauch. dokl. vys. shkoly, biol. nauk, no. 4 71-73 '65.
- DRUGS—STANDARDS**
More attention to the problems of drug stability. V. M. Sulo. Apt. delo 14 no. 1 8-10 Ja '65.
- DRUGSTORES**
(see also subdivision under 'Donetsk Province')
How we organized the work in the central district drugstore. I. A. Jysobor. Farmats. zhur. 20 no. 1 8-10 '65.
Rationalization of packing work. V. I. Krikov, V. K. Dolgikh, L. I. Mel'nikova. Apt. delo 11 no. 1 57-60 Ja '65.
- DRUSKINKAI (LITHUANIA)—HEALTH RESORTS, WATERING PLACES, ETC**
Development of Druskininkai Health Resort in the postwar period. E. P. Katina. Sbor. nauch. rab. vrach. san. -kur. uchr. profsotuzov no. 1 13-17 '63.
Treatment of hypertension at Druskininkai Health Resort. K. A. Ambroslika. Sbor. nauch. rab. vrach. san. -kur. uchr. profsotuzov no. 1 141-154 '61.
- DRYING**
Drying medicinal plant raw material under field conditions. S. G. Makeenko, L. D. Kornetsov. Apt. delo 14 no. 1 81-84 Ja '65.
Measuring the surface temperature of materials in high-frequency and acoustic drying. N. N. Dolgopolev, S. G. Simonov. Zav. lab. 31 no. 4 114-115 '65.
- DRYING APPARATUS**
Condensate outlets for steam-can dryers. I. U. A. Korolev, B. G. Koptev, A. S. Zolotareva. Tekst. prom. 25 no. 10 59-70 O '65.
Redesign of box dryers for cores. L. I. Millevskii, I. V. Matveenko. Lit. prozv. no. 0 43 S '64.
- DRYING APPARATUS—FOOD**
Continuous action "NSL-2" radiant heat dryer. V. A. Pugachev, A. M. Mekhanikov. Kons. i ov. prom. 20 no. 10 15-18 O '65.
- DRYING OILS**
Device for preparing an aqueous solution of drying oil. I. B. Gershtberg. Stroitel' arkh. Uzb. 6 no. 3 4-5 Mi '65.
- DUBCHES VALLEY—BOTANY—ECOLOGY**
Brief survey of vegetation of the lower reaches of the Dubches River. M. F. Ilizar'eva. Uch. zap. Kras. gos. ped. inst. 21 no. 6 39-51 '63.
- DUCKS**
(see also subdivision under 'Astrakhan Preserve')
American duckling in the U. S. S. R. S. M. Usapenski, V. R. Filla. Ornithologia no. 7 494 '65.
- DUCKS—PHYSIOLOGY**
Age-related dynamics of the morphological and biochemical indices of the blood in ducklings fed various quantities of crystalline and feed hydroxytetra cycline. M. I. Litsmanova. Vestn AN BSSR, Ser. sel'hozg. nav. no. 1 100-106 '65.
- DUCTUS ARTERIOSUS**
Rhythm disorders in intracardial V-type thrombus in the presence of patent ductus arteriosus, aortic coarctation and aneurysm of the pulmonary artery. D. Dimitrov and others. Kardiologia no. 3 79-80 '65.
- DUKHNOVYCH, OLEKSANDR VASYL'EVICH, 1803-1865**
Conference devoted to O. Dukhnovich. N. I. Kozych. Rad. lit. 9 no. 8 95 S '65.
- DUMP TRUCKS**
Automotive transportation of technological chips. V. V. Kozlov, A. I. Il'ichev. Bum. prom. no. 9 18 S '65.
Two-container motor transporting dump truck on the base of the GAZ-51 automobile. Stroitel' arkh. Uzb. 6 no. 9 16 S '65.
- DUODENUM**
Clinical significance of dynamic tests on duodenal contents in children. K. G. Pikulina. Sov. med. 28 no. 3 101-103 Mr '65.
- DUODENUM—CANCER**
Clinical aspects of primary duodenal cancer. S. B. Khannina, E. I. Rudnikskaya, L. P. Kudriashova. Sov. med. 28 no. 3 45-46 Mr '65.
- DUODENUM—INNERVATION**
Reflex influences from the duodenum on the cardiovascular system of animals under conditions of high environmental temperature and dehydration of the organism. A. S. Sadykov, R. M. Kniyeva. Sbor. nauch. trid. TashGM 22 87-93 '62.
- DUROV, ANATOLII LEONIDOVICH, 1864-1916**
Durov, V. N. [Vladimir and Anatoli Durov] Vladimir i Anatoli Durov. Moskva, Iskustvo, 1964. 30 p.
- DUROV, VLADIMIR LEONIDOVICH, 1863-1934**
Durov, V. N. [Vladimir and Anatoli Durov] Vladimir i Anatoli Durov. Moskva, Iskustvo, 1964. 30 p.
- DUSHEIT (GEORGIA)—ATMOSPHERIC ELECTRICITY**
Electrical characteristics of the atmosphere during thunderstorm phenomena. F. R. Davali. Trudy Tbil-NIGMI no. 15 71-90 '61.
- DUSHEIT (GEORGIA)—THUNDERSTORMS**
Electrical characteristics of the atmosphere during thunderstorm phenomena. F. R. Davali. Trudy Tbil-NIGMI no. 15 71-90 '61.
- DUST—MICROBIOLOGY**
Use of the fluorescent antibody method for detecting *Bacillus anthracis* in soil and dust. I. I. Boikov. Trudy VNIIS 21 125-132 '61.
- DUST—REMOVAL**
Clear sky. O. Zholodkovskii. Okh. truda i soiz. strakh. 8 no. 10 7-9 O '65.
- DUST COLLECTIONS**
Improve the effectiveness of dust removal in industrial processes. S. A. Gavrilov, A. I. Oycharenko. Tsement 31 no. 5 58-6 S-O '65.
- DUST COLLECTORS—DESIGN AND CONSTRUCTION**
Condensation dust collectors for gas purification. A. V. Sholeketin and others. Meinhurg 10 no. 10 14-15 O '65.
- DUST STORMS** see subdivision under 'Slavropol Territory, Ukraine
- DUTOV, NIKOLAI**
Ticket to Tokyo. Sov. voia. 46 no. 17 43 Ag '64.
- DWARF FRUIT TREES**
Andronov, I. G. [Fruit culture on dwarf rootstocks] *Plodovodstvo na karlikovykh podvolakh. Alma-Ata, Kainar, 1964. 114 p.* (CU)
- DYES AND DYEING**
Concerning the new dyes and the "TVV" dye index. Tekst. prom. 25 no. 10 64-65 O '65.
New dyes and the "TVV" specification table. Tekst. prom. 25 no. 10 60-62 S '65.

- DYES AND DYING—CHEMISTRY**
Effect of pH on the selectivity of fast dyes. TS. IA. Roshinaia, I. I. Sado. Tr. SPb. 25 no 10 54-61 O '65
- DYES AND DYING—NYLON**
Laser nylon fiber dyes. T. L. Bakumenko and others. Khim. vol. 10 no 70-72 '65
- DYES AND DYING—TEXTILE FIBERS, SYNTHETIC**
Experimental testing of some methods for determining the chemical trends of active dyes with polyamide fibers. L. M. Holomb, N. O. Pacheva. Lekh. prom. 10 no 17-51 Apr-Je '65.
Scientific and technical seminar on the "New dyes and dyeing of new synthetic fibers." G. I. Solov'eva. Khim. vol. 10 no 57-59 '65
Technical seminar "12" cold crystallized dyes in dyeing polyamide fibers. I. E. Taitchik, A. V. Khatkharov. Lekh. prom. 23 no 13-60 S '65
- DYNAMICS**
Oscillations. V. M. [Dynamics, a summary of lectures] Dinamich. i. konsp. i. lektsii. Moskva, Mosk. in-t radioelektroniki i gornoi elektromekhaniki, 1965 53 p
A possibility to write equations of the dynamics of a point system of variable mass. G. K. Klin. Inzh. zhur. 5 no 5 936-940 '65
- DYNAMICS OF A PARTICLE**
Concentration of particles in fluidized bed apparatus in pneumatic conveying systems. M. I. Fridland. Khim. i nef. mashinost. no 9:23-26 S '65
- DYNAMOMETER**
DLR-1 dynamo-electric dynamometer. I. P. Polkanov, G. Kh. Ulukayev, A. S. Danilov. Trudy Ufian. sel'khoz. inst. 10 no 2 31-43 '64
Equipment for testing the force parameters of the cold rolling process of automobile sheet. B. L. Strel'tsin. Svyaz s NITI IZHMASHA Uralmashzavoda no 7 III-120 '65
Testing of cranes of hydroelectric power stations by means of a hydraulic dynamometer. A. P. Davydov. Gidr. stroi. 35 no 6 41-42 Je '65.
TZ-2KSD-30 strain measuring dynamometer. V. K. Shchur. Trudy KAI no 64 67-73 '64
- DYNAMOMETRY**
Increasing the precision of the piezoelectric method of force measurements. N. Kh. Neparidze, E. D. N. gorodov, K. T. Tromikov. Izv. tekhn. 9 15-17 S '65
Recording the work of tractor-driven machinery. I. P. Polvano, B. I. Kutagin, N. E. Salmin. Trudy Ufian. sel'khoz. inst. 10 no 2 44-55 '64.
Simple portable device for the registration of muscle power and work. L. S. Rakhmilovich. Otop., travm., i protez. 26 no 9 74-76 S '65.
- DYNAMOS** see Electric generators
- DYSENTERY**
(see also subdivision under Lithuania)
Characteristics of the clinical course of bacterial dysentery in relation to age-related reactivity, clinical aspects of dysentery in senility. N. I. D'akovova. Sbor. nauch. trud. TashGMI 22 178-184 '62.
Epidemiological characteristics of dysentery during a downward curve of the incidence in a large populated center. I. M. Anshelov and others. Trudy Len. inst. epid. i mikrobiol. 24 15-53 '63
Sanitary-epidemiological and sanitary-demographic conditions and the effectiveness of compound sanitary and prophylactic measures in the prevention of dysentery. Report No. 1 Sanitary-hygienic and sanitary-demographic differences in patients and in persons free from acute intestinal diseases during a 3-year follow-up period including an analysis of the focal character of acute intestinal diseases during the same period. I. M. Anshelov, N. A. Kozlova, V. A. Sapozhnikova. Trudy Len. inst. epid. i mikrobiol. 24:54-55 '63.
Sanitary-epidemiological and sanitary-demographic conditions and the effectiveness of compound sanitary-prophylactic measures in the prevention of dysentery. Report No. 2. Comparison of experimental and control areas according to combined symptoms. I. M. Anshelov, N. A. Kozlova, V. A. Sapozhnikova. Trudy Len. inst. epid. i mikrobiol. 24 66-73 '63.
Sanitary-epidemiological and sanitary-demographic conditions and the effectiveness of compound sanitary-prophylactic measures in the prevention of dysentery. Report No. 3. Comparative evaluation of morbidity and the effectiveness of sanitary-epidemiological measures in "experimental" and "control" areas. I. M. Anshelov, N. A. Kozlova, V. A. Sapozhnikova. Trudy Len. inst. epid. i mikrobiol. 24:74-81 '63.
Treatment of dysentery with a combination of antibiotics in small concentrations. A. L. Katsenovich, E. B. Khaykina. Sbor. nauch. trud. TashGMI 22:156-163 '62.
- DYSENTERY—MICROBIOLOGY**
Comparison of the results of standard and quantitative microbiological research methods in dysentery and the evaluation of possibilities of bacteriological diagnosis of dysentery in relation to the concentration of pathogens in the material under research. T. A. Avdeeva, M. A. Rapaort, R. T. Munits. Trudy Len. inst. epid. i mikrobiol. 24:141-145 '63.
Data on immunological and quantitative microbiological characteristics of acute dysentery. Report No. 1 Specific agglutination changes and quantitative microbiological characteristics in acute dysentery. T. A. Avdeeva. Trudy Len. inst. epid. i mikrobiol. 24 113-123 '63
Data on immunological and quantitative microbiological characteristics of acute dysentery. Report No. 2 Specific protective properties of blood serum from patients with acute dysentery studied in experiments on animals. T. A. Avdeeva. Trudy Len. inst. epid. i mikrobiol. 24:121-133 '63
Data on immunological and quantitative microbiological characteristics of acute dysentery. Report No. 3 Specific immunological changes detected during animal experiments ("humoral model") and quantitative aspects of isolating the pathogen from patients with acute dysentery. T. A. Avdeeva, S. D. Karlov. Trudy Len. inst. epid. i mikrobiol. 24:134-140 '63.
Principles and some controversial problems in the classification of dysentery bacilli. E. M. Novgorodskaya, L. D. Grinberg. Trudy Len. inst. epid. i mikrobiol. 24 183-209 '63
Quantitative microbiological study in the evaluation method of the effectiveness of culture media used in the diagnosis of dysentery. T. A. Avdeeva. Trudy Len. inst. epid. i mikrobiol. 24 116-122 '63
Quantitative microbiological study as a method for the evaluation of the effectiveness of various disinfection methods used in dysentery. M. S. Idina. Trudy Len. inst. epid. i mikrobiol. 24 163-182 '63.
Study of some aspects of dysentery by means of qualitative microbiological research. T. A. Avdeeva. Trudy Len. inst. epid. i mikrobiol. 24:193-112 '63
- DYSTROPHY**
Role of the so-called secretory function of the liver in the pathogenesis of its acute toxic fatty dystrophy. S. I. Dudakov. Vop. med. khim. 11 no 2:68-73 XI-Apr '63
- DZHAZDZHAN VALLEY—JOINTS (GEOLOGY)**
Nature of jointing in the limits of the Verkhoynansk crystalline zone (Nelon-Dzhardzhan interfluv). V. S. Apionov. Uch. zap. NII GA. Reg. geol. no 3:95-100 '64.
- DZINTARI (LATVIA)—HEALTH RESORTS, WATERING PLACES, ETC**
Effect of mineral water from Baltia spring on the secretory function of the stomach, bile secretion and activity of the intestine. L. A. Terent'eva and others. Sbor. nauch. i. ab. vrach. san.-kur. uchr. profsojuzov no 1:64-66 '64.
DZINTARI (LATVIA)—MINERAL WATERS
Results of compound treatment of gallbladder and liver diseases at "Baltia" sanatorium. L. A. Terent'eva, I. A. Vina. Sbor. nauch. i. ab. vrach. san.-kur. uchr. profsojuzov no 1:118-120 '64.
- DZUNGARIA—GEOLOGY, STRUCTURAL**
Genesis of the most recent suprastructural anticlines along the Dzungarian fault and their similarity to the fault-fold of the hills of Gafsa and the grab folds of Fergana Province. V. S. Voitevich. Dokl. AN SSSR 164 no 4, 873-876 O '65.
- EAGLES** see subdivision under Kronotskiy Preserve
- EARTH—FIGURE**
Formulas for calculating the disturbing potential and the components of the deflection of the vertical of the earth's surface. V. V. Brovar. Izv. vyz. ucheb. zav., geod. i aerof. no 2 97-104 '65.
- EARTH—SURFACE**
Spectrophotometric comparison of continents of Mars with terrestrial red-colored rocks. I. I. Lebedeva. Uch. zap. LGU no 328:125-131 '65.
- EARTH CURRENTS**
Motion of a magnetic particle in the earth's dipole field. L. I. Dorman, I. U. I. Okulov. Izv. AN SSSR, Ser. fiz. 29 no 10:1862-1864 O '65.
Second mineral formation under the action of an electric field in sulfide deposit. I. U. S. Ryas and others. Vest. LGU 20 no 18-34-39 '65.
- EARTH DAMS**
Use of an electronic digital computer in the analysis of a multiple-factor process in spanning river beds by a filtering embankment. A. S. Lybakh. Izv. vyz. ucheb. zav., energ. 8 no 6:74-81 S '65.
- EARTH MOVEMENTS** see subdivision under Macedonia
- EARTH SATELLITES** see Artificial satellites
- EARTH TEMPERATURE**
(see also subdivision under Ukraine)
Development of geothermal research in the U. S. S. R. A. N. Tikhonov, I. M. Dvorov. Vest. AN SSSR 35 no 10:21-24 O '65.
- EARTHMOVING MACHINERY**
(see also subdivision under Siberia, Eastern)
Effect of the tire tread design on tractive properties of self-propelled earthmoving machines. N. A. Ufianov, V. N. Tarasov. Stroi. i dor. mash. 10 no 10:2-4 O '65.
- KBP-2 rubber-bulldozer and loader. L. A. Belorokh. Stroi. i dor. mash. no 9:18-19 S '65.
The VP-25 vibratory-pancaking machine for ice entry from grounds. I. D. Bakov and others. Stroi. i dor. mash. 10 no 9:5-6 S '65
Vibratory-pancaking loosening of frozen ground. A. I. Kuchin, I. D. Zubovskii, A. P. Borskov. Stroi. i dor. mash. 10 no 9:1-5 S '65
- EARTHMOVING MACHINERY—HYDRAULIC DRIVE**
Selecting the basic parameters of the hydraulic displacement drive for earthmoving machines. V. A. Akhmetov. Stroi. i dor. mash. 10 no 9:3-10 S '65
- EARTHQUAKES AND BUILDING**
(see also subdivision under Soviet Central Asia, Uzbekistan)
Akademika nauk (Gruzinskoi SSR), Tbilisi. Institut stroitel'noi mekhaniki i seismotekhniki. [Scientific stability of structures] Seismotekhnika i stroitel'stvo. Tbilisi, Metinterobit, 1965 170 p
Designing frames for seismic action by using L. M. 7 and L. M. 9-7M analog machines. L. M. Pavlov. Vysk. i inzh. tekhn. v stroi. i projekt. no 2:59-64 '61
Determining frequency and form of vibrations by means of iteration. V. M. Novik. Stroi. i dor. mash. 10 no 3:41-44 M '65.
Determining the extreme stresses in three rings. L. A. L. B. Ginzburg. Trudy Leningradsk. in-ta 115 146 '61.
Dynamic calculation of a rectangular three-story building for seismic action. I. Shumilov. Izv. AN SSSR, Ser. tekhn. nauki no 1:34-38 '65
Investigating vertical vibrations of multistory edifices and buildings caused by earthquakes taking into account the possibility into consideration. M. T. Ushakov, I. Kartdov, R. Sh. Iamudova. Izv. AN UZSSR, Ser. tekhn. nauki no 5:33-38 '65
Some construction specifications and regulations for seismic areas. Z. G. Odipov. Stroi. i dor. mash. 10 no 1:40-41 Ja '65.
- EARTHWORK—SEISMICITY**
Russia (1923-). U. S. S. R. Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 2 of material distributed uniform in outlines for construction works hydraulic earthwork] Sbornik No. 2 otdelnykh rabotnykh edinitsnykh razresheniya na stroitel'stvo raboty, gidro mekhanizatsionnyye zemlyanye raboty. Izd. ofitsial'nogo Moskva, Stroizdat, 1965 40 p.
- EAST (FAR EAST)** see Far East
- EAST (SOVIET FAR EAST)** see Soviet Far East
- EAST CHINA SEA—SAURUS**
Spawning of the saurus Trachurus japonicus (Temm. et Schl.) in the East China Sea. A. I. Chigirinskii. Izv. TINRO 55:150-161 '64.
- EAST EUROPEAN PLAIN—CLIMATE**
Climate fluctuation on the East European Plain in the historical epoch. S. I. Kostin. Trudy GGO no 181 74 '65
- EAST GERMANY** see Germany, East
- EAST KAZAKHISTAN PROVINCE—FUR TRADE**
Fur production goes on in an organized manner. I. Rodova. Zakup. sel'khoz. prod. no 5:59 My '65
- EAST KAZAKHISTAN PROVINCE—INDUSTRIAL MANUFACTURE**
A businesslike attitude and responsibility. A. I. I. Na. Izv. Kaz. uch. 91 no 10:7-11 O '65.
- EAST KAZAKHISTAN PROVINCE—TECHNICAL EDUCATION**
For popularization of science. L. Sosulygina. Izv. Kaz. uch. 43 no 10:10-17 O '65.
- EAST SIBIRIAN ECONOMIC REGION—INDUSTRIAL COOPERATIVE**
Regional economic councils and schools. H. V. I. I. Shkola i prodv. 0 no 8:21-26 Ag '65.
- EASTERN EUROPE** see Europe, Eastern
- EASTERN SIBERIA** see Siberia, Eastern
- EDULLITION**
Effect of the thermal decomposition of different heat carriers on the heat transfer during boiling in a large volume. L. S. Stepanov, I. U. Vinnikov. Izv. onegitka 12 no 11:86-88 N '65.
Study of boiling in a thin film. T. A. Kolach, I. A. Kopylov. Izv. vyz. ucheb. zav., energ. 8 no 10:50-55 O '65.
- ECHINATIC ACID—PHYSIOLOGICAL EFFECT**
Some glycoesteroidlike properties of echinatic, aristotropic and meconoid acids. I. I. Shifarenko, V. E. Ryzhenkov. Rast. i. 1 no 3:374 '65.
- ECHO VIRUSES**
Association of the Influenza virus A2 and C10 viruses. V. V. Rikova, E. I. Rudnikina, V. N. Nikol'skii. Vop. virus. 10 no 2:219-221 XI-Apr '65.

ECONOMIC GEOGRAPHY see Geography, Economic

ECONOMIC GEOLOGY see Geology, Economic

ECONOMIC POLICY

Problems of economic development and the methodology of planning. N. Lagutin. Vop. ekon. no. 5:151-153. Je '65

ECONOMIC RESEARCH see subdivision under Armenia

ECONOMIC ZONING

Council for the study of the productive forces of the country. N. Kuzembiev, B. Dyoskin. Naukhoz. kazakh. 23 no. 10:66-69. O '65.

ECONOMICS

(see also subdivision under Underdeveloped Areas)
Economic law of the preferential growth of the production of the means of production. N. N. Smirnova. Vest. Most. un. Ser. 8: Ekon., filoz. 20 no. 5:13-13 S-O '65.

On the categorization of necessary and surplus product under socialism. I. Tereshchenko. Ekon. Rad. Ukr. 8 no. 5:26-27. My '65.

[Socialist method of production] Sotsialisticheskiy sposob vyrobstva. [Kyiv] Vyd-vo Kyivs'koho univ., 1963. (VU)

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—MATHEMATICAL MODELS

Mathematical formulation of a simplified model of production planning. IU. N. Tjartn. Ekon. i mat. metod. 1 no. 3:101-109. My-Je '65.

ECONOMICS—STUDY AND TEACHING

(see also subdivision under Armenia, Leningrad; Ukraine)

[Economics, the compass of industry] Ekonomika - kompas proizvodstva. [Kostroma] Kostromskoe knizhnoe izd-vo, 1963. 142 p. (CS-11)

Russia (1923- U. S. S. R.) Upravlenie propovedaniia obshchestvennykh nauk. [Program for a course in the "History of economic theories" for higher schools in economics and economics faculties] Programma kursa "Istorika ekonomicheskikh uchenii" dlia ekonomicheskikh vysshikh uchebnykh zavedenii i fakultetov. Moskva, Mysl', 1964. 46 p.

Technicians should have a thorough knowledge of economics. Sted, spets. obr. 12 no. 9:1-4 S '65.

ECONOMICS—TERMINOLOGY

Structural-semantic characteristics of modern Ukrainian terminology in the field of economics. T. I. Pan'ko. Vleny L'viv. un. Ser. filol. no. 3:83-84 '65.

ECONOMICS, MATHEMATICAL

Academic seminars are a school for acquiring economic and mathematical knowledge. F. G. Gurevich. Ekon. i mat. metod. 1 no. 3:465-470. My-Je '65.

How to use correctly various forms of the average in economic calculations. L. Kozinets. Vest. stat. no. 10:46-56 '65.

Working out scientific methods for the administration of the national economy. N. P. Fedorenko. Ekon. i mat. metod. 1 no. 3:313-327. My-Je '65.

ECUMENICAL MOVEMENT

Community of the children of God. Brat. vest. no. 3:13-15 '65.

ECZEMA

Disorders of keratinization (dyskeratosis) causing chronic recurrent eczema. T. Neiman. Vest. derm. i ven. no. 1:28-31 '65.

EDDY ELECTRIC CURRENTS see Electric currents, Eddy

EDEMA

Clinical aspects of hemiedema. M. P. Minakova. Trudy Vor. med. inst. 51:212-214 '63.

Hemolytic Escherichia coli in edema disease of young pigs. M. N. Erameev. Veterinaria 42 no. 10:100-102 O '65.

Hemorrhagic edema of the lower extremities. IU. IA. Ashmarin. Vest. derm. i ven. no. 2:30-40 '65.

EDUCATION

(see also subdivision under Latin America; Turkmenistan)

For high quality of school supervision. V. M. Dmytruk. Rad. shkola 44 no. 10:1-6 O '65.

In the Ministry of Education of the R. S. F. S. R. Doshk. vosp. 38 no. 9:94 S '65.

Let's be more businesslike and more responsible in solving pedagogical problems. Nar. obr. no. 10:1-7 O '65.

Let's get acquainted with the Baldone school. E. Solo-v'eva. Nar. obr. no. 10:71-73 O '65.

Lovshin, L. A. [Pedagogics and the present] Pedagogika i sovremenost'. Moskva, Prosveshchenie, 1964. 353 p.

Urgent problems of the work of schools with longer hours. K. F. Pryshchynuk, O. S. Tatenko. Rad. shkola 44 no. 10:70-73 O '65.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—CURRICULA

Curricula of elementary, eight-year and secondary schools for the 1965-1966 school year. Shkola i prosv. 9 no. 8:75-76 Ag '65.

EDUCATION—PERIODICALS

(see also subdivision under Poland)

Read it in the periodicals. Nar. obr. no. 10:115 O '65.

EDUCATION, COMPULSORY see subdivision under Vilnius Province

EDUCATION, COOPERATIVE

(see also subdivision under Czechoslovakia, East Siberian Economic region, Sverdlovsk)

Content and organization of work training in the seventh grades of eight-year and secondary schools in 1965-1966 school year. M. Koshin. Shkola i prosv. 9 no. 8:76 Ag '65.

Content of work training. E. K. Kozichinskii, B. A. Golub, G. IU. Penkovich. Shkola i prosv. 9 no. 10:81 O '65.

Innovatory work of students. A. I. Pozhogin. Shkola i prosv. 9 no. 3:35-36 Ag '65.

Let's improve the program for work training. Shkola i prosv. 9 no. 8:3-8 Ag '65.

Organizing the work training. I. G. Barsukov, V. I. Kachnev. Shkola i prosv. 9 no. 9:16-18 Ag '65.

Planning the work classes. L. A. Pains. Shkola i prosv. 9 no. 8:14-15 Ag '65.

Training in our school workshop. V. F. Kharitonov. Shkola i prosv. 9 no. 8:27-31 Ag '65.

Work training should be retained. T. P. Zavgornit, G. Plincev. Shkola i prosv. 9 no. 10:93 O '65.

EDUCATION, ELEMENTARY

(see also subdivision under Hungary)

Characteristics of the aesthetic perception of reality by children. V. S. Mukhina. Rad. shkola 44 no. 10:43-49 O '65.

EDUCATION, HIGHER

(see also subdivision under Czechoslovakia; Hungary)

[Bulletin of the Ministry of Higher and Secondary Special Education of the U. S. S. R.] Bul. Min. vys. i sred. spets. obr. SSSR nos. 10-11 O-N '65.

In the institutions of higher learning of our country. Vest. vys. shkoly 23 no. 10:46-51 O '65.

Let's set rigid norms for the volume of homework. R. P. Razhondkovskii. Vest. vys. shkoly 23 no. 10:19-16 O '65.

Selectivity, rhythm and creative atmosphere determine the success. N. I. Nazarov. Vest. vys. shkoly 23 no. 10:30-11 O '65.

When they develop a taste for research. G. M. Tetsli, V. D. Mazurenko. Vest. vys. shkoly 23 no. 10:42-45 O '65.

EDUCATION, PRESCHOOL

(see also subdivision under Great Britain; Tajikistan)

From the children's first steps. P. Prozorov. Doshk. vosp. 38 no. 7:92 JI '65.

EDUCATION, PRESCHOOL—CONGRESSES

Third international seminar. M. Zaluzhskaya. Doshk. vosp. 38 no. 9:6-7 S '65.

EDUCATION, PRESCHOOL—PERIODICALS

From the pages of the periodicals "Neue Erziehung im Kindergarten" and "Predskolnaya yevchova." N. Solov'ina, L. Lobanova. Doshk. vosp. 38 no. 9:90-98 S '65.

EDUCATION, RURAL

(see also subdivision under Kazakhstan)

Work training of rural students. L. N. Drozdov, A. N. Pol'tseva. Shkola i prosv. 9 no. 10:26-31 O '65.

EDUCATION OF CHILDREN

After the passing day. Sem'ia i shkola 20 no. 9:7-10 S '65.

First day of the calendar. Sem'ia i shkola 20 no. 9:11 S '65.

EDUCATION OF CHILDREN, EXTRACURRICULAR

(see also subdivision under Chelyabinsk)

Confirmed by practice. I. Igoshv. Nar. obr. no. 10:33-31 O '65.

Extracurricular time and the all-round development of children. L. Petrova. Nar. obr. no. 10:8-15 O '65.

Extracurricular vocational training should be introduced into every school. Shkola i prosv. 9 no. 10:3-4 O '65.

Let's develop the world view of students. N. Neliubin, A. Lushnikov. Nar. obr. no. 10:Supplement 1-16 O '65.

Let's raise the technical creativity of students to a new level. V. N. Kulikov. Shkola i prosv. 9 no. 10:12-25 O '65.

Serious talk about serious things. V. A. Poltavov, I. S. Pignov. Shkola i prosv. 9 no. 10:3-12 O '65.

EFFICIENCY, INDUSTRIAL

(see also subdivision under Witik Russia)

Efficiency promoters of the "Lazov" factory. I. Avshentsev. Kozh. obuv. prom. 7 no. 3:33 M '65.

EGGS—DISINFECTION

Survival of pullorum disease pathogens on the surface of eggs and methods for their disinfection. A. U. Khashimov. Trudy VNIIS 24:113-141 '64.

EGGS—INCUBATION

Growth and development of the zygote embryo under various conditions of incubation. I. I. Mikhlin. Vest. AN SSSR Ser. sel'skosp. nauk. no. 1:114-118 '65.

EGYPT—ANTIQUITIES

Monuments of ancient Egypt in the Odessa State Archaeological Museum. N. G. Dokol. Vest. Kiev. stat. no. 2:208-212 '65.

EGYPT—FOREIGN RELATIONS—FRANCE

Marshal Amer in Paris. D. Dimin. Nov. vsem. 23 no. 1:14-15 O '65.

EGYPT—LAND TENURE

The moment of change in the United Arab Republic. Zhak Rubin. Afr. neg. 9 no. 10:39-41 O '65.

EGYPT—POLITICS AND GOVERNMENT

The state system of the United Arab Republic. P. Sashin. Mezhdunar. zhurn. 12 no. 11:155-157 N '65.

EHRENBURG, IL'IA GRIGOR'EVICH, 1891-

Gift of sharing experiences. I. L. Ehrenburg. Vop. lit. 9 no. 10:180-189 O '65.

EIGENFUNCTIONS—BOUNDARY VALUE PROBLEMS

Eigenfunctions of the equation $\Delta u + \lambda f(u) = 0$. S. I. Pokhozhaev. Dokl. AN SSSR 195 no. 1:36-38 N '65.

ELASTIC PLATES AND SHELLS

Approximate calculation of plates. L. I. Malinova. Issl. po teorii sootuzh. no. 11:223-230 '65.

Approximate derivation of Green's tensor for a thick tapered plate. A. Kh. Konstantinov. Prikl. mekh. 1 no. 9:52-57 '65.

Asymmetric problem of the creep of circular cylindrical shells. IU. M. Volchekov. Izv. AN SSSR, Mekh. no. 5:116-121 S-O '65.

Bending of a plate of arbitrary trapezoidal shape in the plane. V. V. Abel. Inzh. zhur. 5 no. 5:863-864 '65.

Bending of a rigidly fastened square plate. V. T. Grinchenko, A. F. Utko. Prikl. mekh. 1 no. 9:134-136 '65.

Biaxial uniform stressed state of a physically nonlinear plate with a circular hole. M. A. Babayev, I. A. Tsubul. Inzh. zhur. 5 no. 5:876-882 '65.

Calculation of cylindrical shells for concentrated actions. G. V. Zhukhovich. Prikl. mekh. 1 no. 9:20-25 '65.

Conditions for the occurrence of bi-axial stressed state of soft shells. S. A. Alekseev. Izv. AN SSSR, Mekh. no. 5:81-84 S-O '65.

Cylindrical shell under the action of a concentrated radial loading. S. K. Perederni. Prikl. mekh. 1 no. 9:14-19 '65.

Design of reinforced cylindrical shells. V. A. Zarutskii. Inzh. zhur. 5 no. 5:895-908 '65.

Design of shells of revolution with a positive curvature under the action of cyclic loadings. A. Petrova-Doneva. Inzh. zhur. 3 no. 5:916-928 '65.

Designing a spherical shell subjected to the action of a concentrated tangential force. V. S. Chernina. Izv. AN SSSR, Mekh. no. 5:113-114 S-O '65.

Determining the low limit of stability of an orthotropic cylindrical shell with initial deflection elongated in one direction. IU. M. Lombroso. Trudy OMIIT 43 pt. 2:140-162 '63.

Determining the upper critical pressure for a bracket-type cylindrical shell with a reinforced edge. N. A. Alfutov. Izv. AN SSSR, Mekh. no. 5:115-118 S-O '65.

Development of plastic zones at the boundary of a circular hole caused by uniaxial stretching of a plate. R. IU. Karimov. Prikl. mekh. 1 no. 9:128-130 '65.

Electrostatic field of a pair of thin spherical shells (asymmetrical problem). A. N. Rokhovets, I. A. S. Ufiland. Zhur. tekhn. fiz. 35 no. 9:1532-1538 S '65.

Heavy deformations of zero-torque conical shells of revolutions. IA. Orskan. Inzh. zhur. 5 no. 5:976-982 '65.

Solution in quadratures of the single-dimensional problem of helicoidal shells. V. K. Zaleskii. Izv. AN SSSR, Mekh. no. 5:111-113 S-O '65.

Solution of the problem involving the flexure of a supported anisotropic plate using the method of Fredholm integral equations. M. O. Vashelishvili. Soob. AN Gruz. SSR 39 no. 1:29-35 JI '65.

Stability of a spherical shell with initial irregularities in the shape of the middle surface. V. A. Savel'ev. Inzh. zhur. 5 no. 5:907-915 '65.

4004

ELECTRIC CURRENT RECTIFIERS (Continued)

- Calculations of periodic processes in rectifier networks. B.A. Levin. *Trudy OMIIT* 12:199-210 '63.
- Graphical representation of a transient process in the circuits of a single-phase rectifier bridge with an inductive load. V.N. Zakhitov. *Trudy OMIIT* 42:145-154 '63.
- In the factories. *Prom. energ.* 20 no.10:10 O '65.
- Mobile traction substation with silicon rectifiers. L.D. Firsova, S.D. Sokolov. *Elek. i topl. dlya g. no. 7:20-28* '65.
- Selection of the parameters of RC circuits in a network consisting of a double-star and equalizing reactor. R.A. Lytaev. *Elektr. tekhnika* 36 no.10:59-61 O '65.
- Stabilized rectifier controlled by saturable reactors. V.V. Pyrkov, V.D. Skorokov. *Izv. vyz. ucheb. zav., elektromekh.* 8 no.8:923-930 '65.
- Voltage regulation in a system consisting of a transistorized inverter and asynchronous motor. O.L. Khasanov, O.A. Kossov. *Elektrichestvo* no.9:50-55 S '65.

ELECTRIC CURRENTS

- Off-diagonal kinetic coefficients of conductors in a magnetic field. S.V. Peleninskii. *Fiz. tver. tela* 7 no.9:2660-2672 S '65.

ELECTRIC CURRENTS—GROUNDING

- Choice of an economical wire for grounding devices. A.P. Koshchunov. *Energetik* 13 no.10:1 O '65.
- Determination of the design resistance of a grounding loop. P.L. Spovakov. *Elektrichestvo* no.9:71-75 S '65.
- Effective design parameters of complex grounding systems. A.I. Akubra. *Elek. sta.* 36 no.11:61-63 N '65.
- Grounding devices of electric substations. M.R. Nafel'd. *Elek. sta.* 36 no.10:85 O '65.
- Grounding of the guard wires of 100-500 kv. overhead power transmission lines. I.I. Volintsev. *Energetik* 13 no.10:21-26 O '65.
- Grounding stages of high-voltage substations. E.IA. Riabkova, A.A. Vorontina. *Elek. sta.* 36 no.11:60-61 N '65.
- Long vertical electrodes for the grounding stages of electric substations. E.IA. Riabkova. *Elek. sta.* 36 no.10:84-89 O '65.
- Protective grounding in rural electrical power systems. S. Kostin. *Tekhn. v. naft. khoz.* 25 no.6:37-39 Ju '65.
- Resistance value of a grounding device and equalization of potentials in systems with ratings in excess of 110 kv. M.R. Nafel'd. *Prom. energ.* 20 no.10:40-41 O '65.

ELECTRIC CURRENTS, EDDY

- Method for calculating the electrical field of stray current in a two-layer media. A.V. Hessonenko. *Trudy OMIIT* 12:77-80 '63.

ELECTRIC DISCHARGES

- Current convection of the positive column in a magnetic field at low pressure. V.V. Vladimirov. *Dokl. AN SSSR* 144 no.4:775-777 O '65.
- Discharge phenomena in fluids. I.S. Stokolnikov, V.IA. Ushakov. *Zhur. tekhn. fiz.* 35 no.9:1692-1700 S '65.
- Positive column in an inverted homopolar discharge tube. F.M. Drebyshovskii, I.B. Chokmatov. *Zhur. tekhn. fiz.* 35 no.9:1658-1667 S '65.

ELECTRIC DISCHARGES THROUGH GASES

- Excitation and thermalization of electron plasma waves in a high-current gas discharge. B.A. Sukhomlin and others. *Fiz. v. ved. Zhur. eksp. i teoret. fiz.* 1 no.2:15-19 Ap '65.
- Oxidation of carbon monoxide in a silent electric discharge. I.A. Semikhin, I.U. P. Andreev, G.M. Panchenkov. *Zhur. fiz. khim.* 39 no.9:2245-2251 S '65.
- Use of the calorimetric and spectral methods in determining the conductivity of a high-frequency induction discharge in argon. S.V. Drevlin, A.V. Donokoi, V.M. Gol'dfarb. *Zhur. tekhn. fiz.* 35 no.9:1649-1651 S '65.

ELECTRIC DOUBLE LAYER

- Double layer capacity in fused alkaline earth metal chlorides. N.G. Bukun, G.N. Svalov. *Elektr. tekhnika* 1 no.7:580-581 JJ '63.

ELECTRIC DRIVING

- Basic initial data for the development of automatic driving systems for the displacement mechanism of coke pusher machines. L.A. Toptygin, K.P. Vlasov, A.T. Kravchenko. *Kok. i khim.* no.3:52-58 '65.
- Calculation of transient processes of multiple-motor d.c. drives. V.I. Fabrikant. *Izv. vyz. ucheb. zav., elektromekh.* 8 no.8:901-905 '65.
- Comparison of two systems for automatically regulating electric drives according to an optimum law. B.A. Bakhtov. *Izv. vyz. ucheb. zav., elektromekh.* 8 no.8:994-997 '65.
- Consideration of intermittent current modes in modeling a regulated mercury rectifier and motor system. A.N. Serebriakov. *Izv. vyz. ucheb. zav., elektromekh.* 8 no.8:917-922 '65.

- Construction of converters for frequency speed regulation of electric drives. V.A. Shubenko, R.T. Shneider, V.I. Litkovskii. *Elektr. tekhnika* 36 no.10:23-26 O '65.

- Formation of a trepezoidal current diagram for a reversing generator-motor system with the presence of transients. V.T. Baidachevskii, R.S. Kivkha. *Elektr. tekhnika* 36 no.10:67-75 O '65.

- High-speed d.c. drive using p-n-p-n devices regulated by a digital servo system. V.A. Shubenko, I.IA. Braslavskii, V.V. Kutsin. *Elektrichestvo* no.9:31-35 S '65.

- Network for exciting a synchronous generator of a traction system. V.I. Shafranski, L.S. Pisarik. *Izv. vyz. ucheb. zav., energ.* 8 no.10:47-49 O '65.

- Overall automation of industrial electric drives. B.B. Vorontskii. *Elektrichestvo* no.9:12-15 S '65.

- Programming of acceleration and deceleration for the program control systems of electric drives. L.Z. Breslav, A.V. Feldman. *Avtom. i telet. no.10:1862-1866 O '65.*

- Some features of a collectorless d.c. drive. M.G. Chilikin, A.K. Arakelian, A.A. Afanas'ev. *Elektrichestvo* no.9:7-12 S '65.

- Special features of closed-loop speed control systems using excitation flux changes. L.M. Poljakov, M.P. Roshkovich. *Elektrichestvo* no.9:21-26 S '65.

- Synthesis of an optimal control system of a mine hoist drive. A.D. Dubel', E.V. Likhimov. *Izv. vyz. ucheb. zav., elektromekh.* 8 no.9:1022-1029 '65.

ELECTRIC ENGINEERING

- (see also subdivision under Armenia)
- Popov, V.S., M.M. Mansurov, and S.O. Nikolaev. [Electrical engineering] *Elektr. tekhnika. Perklad z G. perebrobenno roslis'khu vydannia. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1959, 370 p* (MID)

ELECTRIC ENGINEERING—ABSTRACTS

- [Electrical engineering and electric power] *Ref zhur. : Elektroekh i energ.* nos.9-10 S-O '65.

ELECTRIC ENGINEERING—BIBLIOGRAPHY

- see Bibliography—Electric engineering

ELECTRIC ENGINEERING—MATERIALS

- Study room for the study of electric materials. P. Getkin. *Prof. i tekhn. obr.* 22 no.10:21-24 O '65.

ELECTRIC ENGINEERING—PROBLEMS, EXERCISES, ETC.

- Mikhakov, A.V. [High-voltage technology in examples and problems] *Tekhnika vysokikh naprjazhenii v primerakh i zadachakh* Moskva, Vysshaya shkola, 1965, 225 p.

ELECTRIC ENGINEERING—STUDY AND TEACHING

- How to present the subject "Single-phase and three-phase current" in an electric engineering course at secondary technical schools. V.A. Andrusch. *Uch. zap. Pskov. gos. ped. inst.* no.2:102-119 '64.
- Teaching the course on "Electrical materials." I.I. Moroz. *Sred. ap. et. obr.* 12 no.9:8-12 S '65.
- Work programs as an important element of planning. V.A. Parail, L.P. Petrov. *Vest. vyz. shkoly* 23 no.10:1-13 O '65.

ELECTRIC EQUIPMENT INDUSTRY

- Efficacy of the use of glass reinforced plastics in electric equipment. A.M. Khimkin, Kh.R. Parkashin. *Plast. massy* no.10:40-42 '65.

- Studying the strength and elasticity properties of a BrB2 beryllium bronze microtape. Z.A. Timofeeva, I.B. Zhermuskala. *Metall. obr. i term. obr. met.* no.3:33-36 Mr '65.

ELECTRIC EQUIPMENT INDUSTRY—FINANCE

- see subdivision under Armenia

ELECTRIC EQUIPMENT INDUSTRY—TECHNOLOGICAL INNOVATIONS

- see subdivision under Armenia

ELECTRIC FIELDS

- Acceleration of particles by the boundary field of a moving plasma edge intensifying the electric field. G.A. Aekar'tan. *Fiz. v. ved. Zhur. eksp. i teoret. fiz.* 1 no.3:44-19 My '65.
- Behavior of the neutral particle of aerosol near the interface of two media in a homogeneous electric field. V.I. Nikitenko. *Zhur. fiz. khim.* 39 no.9:2178-2181 S '65.
- Certain features of the behavior of ethyl ether in nonuniform electric fields. P.K. Miskovich, I.M. Solodovnikov, M.T. Sigarev. *Elektr. tekhnika* 1 no.9:1372-1376 S '65.
- Druzhdin, L.A. [Problems in field theory] *Zadachi teorii polia*. Moskva, Mosk. in-stitut elektroniki i gornoi elektr. tekhniki.
- Pl. 2. [Potential and the electric field] *Potentsial i elektricheskoe pole*. 1964. 170 p.
- Electrostatic field of a pair of thin spherical shells (axially symmetrical problem). A.N. Rokhovets, I.A. S. Ufand. *Zhur. tekhn. fiz.* 35 no.9:1532-1536 S '65.

- Interaction between neutral aerosol particles in a homogeneous electric field. V.I. Nikitenko. *Koll. Zhur.* 27 no.5:731-734 S-O '65.

- Some critical remarks on I.I.G. Isakov's article "Distribution of the intensity of an electric field in a cylindrical condenser." S.K. Medvedev. *Elektrichestvo* no.10:89-92 O '65.

ELECTRIC FIELDS—MEASUREMENT

- Absolute measurements of a high-frequency field in a resonator. P.L. Papiton. *Elektron. bol'sh. moshch.* no.4:206-211 '65.

ELECTRIC FILTERS

- Structure of frequency filters of a self-adjustment circuit. V.I. Kostuk. *Izv. vyz. ucheb. zav., prib.* 8 no.5:52-56 '65.

ELECTRIC FISHING

- Electric fishing and sand fishing. I.I. Bagnaidinov. *Ibry. khoz.* 41 no.8:11-13 '65.

ELECTRIC FURNACES

- Introducing an electric furnace having a vibratory conveyor for annealing bolts after upsetting. V.N. Guskov. *Bul. tekhn. ekonom. inform. Gos. nauch. i issled. nauch. i tekhn. inform.* 18 no.9:18-20 S '65.
- Smelting cast iron and steel briquettes in electric and cupola furnaces. G.G. Anchenko. *Lit. prof. v. no.8* 13-44 Ju '64.

ELECTRIC GENERATORS

- Automation of electric power supply units of small electric power stations. I.I. K. Vit'ko. *Trudy Ufian. set'khar. inst.* no.10:2161-173 '64.
- Baranov, A.P. [New sources of electrical power for ships] *Novye istochniki elektricheskoi energii dlia sudov*. Leningrad, Sudostroenie, 1965, 131 p.
- Calculation of armature reaction in commutator-type pulse generators. I.D. Perechik. *Izv. vyz. ucheb. zav., elektromekh.* 8 no.8:937-941 '65.
- Current conductors with 500 cycle frequency in the excitation circuits of power generators. I.I. L. Mukosov. *Elektr. tekhnika* 36 no.10:64 O '65.
- Determination of flux pulsations in an inductor generator. L.F. Kolomoitsev. *Izv. vyz. ucheb. zav., elektromekh.* 8 no.8:910-916 '65.
- Device for the self-synchronization of generators. I.I. Bobrov. *Elek. sta.* 36 no.10:78-81 O '65.
- Distribution of the electromagnetic field in liquid-metal homopolar generators. I.R. Paria. *Mag. gidr.* no.3:127-138 '65.
- Network for exciting a synchronous generator of a traction system. V.I. Shafranski, L.S. Pisarik. *Izv. vyz. ucheb. zav., energ.* 8 no.10:43-45 O '65.
- Square pulse generator for electrochemical investigations. A.Z. Khasin, N.S. Merkulova, V.D. Kashchev. *Elektr. tekhnika* 1 no.9:1142-1145 S '65.

ELECTRIC GENERATORS—SAFETY MEASURES

- High-speed structural short-circuit protection system of generators, transformers, and generator-transformer units. V.E. Poljakov, V.L. Skutelnikov. *Izv. vyz. ucheb. zav., energ.* 8 no.9:1-5 S '65.

ELECTRIC HEATING

- Electric power plant mounted on railroad cars for electric power and heat supply. A.D. Rukhman. *Elek. sta.* 36 no.10:36-40 O '65.
- Four-position electric contact heating apparatus for heating blanks. D.I. Romanov, T.B. Ranskina. *Trakt. i sel'khoz. mash.* no.9:44-45 S '65.

ELECTRIC HOUSEHOLD APPLIANCES

- see Household appliances, Electric

ELECTRIC INDUSTRY WORKERS—COMPETITIONS

- Winners of an all-Union competition of power engineering workers, results of the second quarter of 1965. *Energetik* 13 no.10:3 O '65.

ELECTRIC INSTRUMENTS

- Selecting optimal parameters of frequency correction devices for units having inductive input impedance. V.R. Khairikhchen. *Izm. tekhn.* no.9:63-64 S '65.

ELECTRIC INSTRUMENTS—TESTING

- Errors in the approximation of nonuniform scales. K'B. Karandeev, F.B. Ginevich. *Izm. tekhn.* no.9:24-26 S '65.

ELECTRIC INSTRUMENTS—WINDINGS

- Serebrenskii, P.P., and V.N. Chokhov. [Mechanization and automation of winding operations in the manufacture of electrical instruments] *Mekhanizatsia i avtomatizatsia naimotnykh rabot v elektropriboro-*

ELECTRIC INSULATORS AND INSULATION

- Number of insulators on the poles of overhead lines crossing railroad tracks. T.P. Muscov. *Energetik* 13 no.10:23-24 O '65.

ELECTRIC MOTORS, DIRECT CURRENT (Continued)

Developing the principle of changes in the magnetization current of a saturable choke controlling a d.c. drive with independent excitation depending on the load type. M. Z. Khamishev, I. Akhmedov, D. M. Khudshayev. Izv. AN Uz. SSR, Ser. tekhn. nauk. 9 no. 5:9-16 '65.

Performance of the slide contacts of d.c. motors in a liquid dielectric media. B. M. Plushchik, I. L. Ryakin. Elektr. otokhnika 36 no. 10:11-16 O '65.

ELECTRIC MOTORS, DIRECT CURRENT—MAGNETIC PROPERTIES

Determining the not magnetic flux of a d.c. motor under static conditions. P. A. Prostakov. Trudy KAI no. 78 18-26 '65.

ELECTRIC MOTORS, INDUCTION

Frequency system for regulating the angular velocity of an asynchronous motor with fan load and auxiliary power supply. E. D. Nesgovorova and others. Izv. vys. ucheb. zav., elektromekhl. 8 no. 9:86-97 '65.

Semigraphical method for determining the mechanical and regulatory characteristics of two-phase controlled induction motors. P. I. Kuznetsov, A. A. Pukhov. Izv. vys. ucheb. zav., elektromekhl. 8 no. 9:985-993 '65.

Stability of nonlinear servo systems with asynchronous motors. E. I. Okina. Avtom. i telem. 20 no. 9:1190-1201 S '65.

Standardized series of control units of asynchronous motors with squirrel-cage rotors. Prom. energ. 20 no. 10:52-64 O '65.

ELECTRIC MOTORS, INDUCTION—CURRENT SUPPLY

Calculation of the characteristics of symmetrical modes of induction motors with excitation from static condensers. T. P. Gubenko, R. V. Filits. Elektrichestvo no. 10:50-61 O '65.

Nonograms for determining the power of a compensating device. A. N. Melnikov, E. V. Rerik, S. A. Stal'kovskii. Energetik 13 no. 10:21-23 O '65.

Start of squirrel-cage induction motors from an autonomous power supply unit. V. N. Andrianov, D. N. Bystritskii. Elektrichestvo no. 10:48-52 O '65.

ELECTRIC MOTORS, INDUCTION—WINDINGS

Mechanization of winding operations using enamel-coated wires. I. G. Medvedev, P. A. Savchenko, I. I. Mikhailov. Elektr. otokhnika 36 no. 10:35-37 O '65.

Oxidized aluminum wires for asynchronous electric motors. A. P. Zubarev. Elektr. otokhnika 36 no. 10:38-39 O '65.

ELECTRIC MOTORS, SYNCHRONOUS

Self-start of synchronous motors during the automatic switching in of reserve. B. A. Pasyuk, R. M. Zil'ginshteyn. Prom. energ. 20 no. 10:26-27 O '65.

Start of a brushless synchronous motor with rotating semiconductor rectifiers. S. I. Loghinov. Elektr. otokhnika 36 no. 10:12-13 O '65.

ELECTRIC NETWORKS

Abbreviated statement of an equation of optimum load distribution between electric power plants interconnected by a uniform electrical network. V. G. Zhuravlev. Elektrichestvo no. 9:82-93 S '65.

Analysis of nonlinear resonant systems. I. N. Tanchev. Radiotekh. i elektron. 10 no. 10:1001-1003 O '65.

Approximation of given time functions using exponential polynomials. M. S. Kochanov. Radiotekhnika 20 no. 5:10-19 My '65.

Calculation of overvoltages on the capacitance of an oscillatory stage during the switching of a periodic current and zero initial conditions. M. V. Kostenko, M. L. Levinstein. Izv. AN SSSR, Energ. i transp. no. 4:3-10 Ji-Ag '65.

Calculations of electrical networks taking into account voltage inequalities. R. I. Karaev. Elektrichestvo no. 9:25-31 S '65.

Composition of equivalent circuits of zero-sequence parallel lines for some special cases of hookup. A. B. Chernin. Elektrichestvo no. 9:83-85 S '65.

Consideration of the special features of the matrix of resistance in the calculations of power system modes using a digital computer. V. V. Umedinov. Izv. AN SSSR, Energ. i transp. no. 4:61-62 Ji-Ag '65.

Determination of the trees of the graph of an electrical network using a digital computer. O. T. Gerasimov. Izv. AN SSSR, Energ. i transp. no. 4:53-60 Ji-Ag '65.

Equivalent circuits for passive two-terminal networks. G. D. Akopchianian. Izv. vys. ucheb. zav., elektromekhl. 8 no. 8:840-853 '65.

Equivalent circuits of electrical networks with thermistors. V. N. Stanchevskii, V. A. Palagin. Izv. vys. ucheb. zav., energ. 8 no. 9:97-100 S '65.

Graphical method for calculating circuits with sinusoidal current. Sh. N. Khasanov. Izv. vys. ucheb. zav., energ. 8 no. 10:100-112 O '65.

Graphical representation of a transient process in the circuits of a single-phase rectifier bridge with an inductive load. V. N. Zashirko. Trudy OMIT 42:145-154 '63.

Investigating the problem of economically expedient voltage for urban electric networks up to 1,000 volt. I. A. Bashirov. Za tekhn. prog. 5 no. 8:20-22 Ag '65.

Optimization of flow distribution in closed-loop electrical networks with a high degree of nonuniformity. V. G. Kholmiskii. Elektrichestvo no. 9:16-21 S '65.

Selection of the parameters of RC circuits in a network consisting of a double-star and equalizing reactor. R. A. Lytaev. Elektr. otokhnika 36 no. 10:50-61 O '65.

Simplification of the use of a matching method in the calculation of circuits with one valve element. B. A. Levin. Trudy OMIT 42:127-131 '63.

Stability of a signal transmission process in a shift register using parametrons with a forced component of parametric oscillations. S. G. Segal. Radiotekhnika 20 no. 5:66-69 My '65.

Use of symbolic methods in the calculation of forced processes. L. V. Dobrolubov. Izv. vys. ucheb. zav., energ. 8 no. 9:85-87 S '65.

Use of the laws of conversion of a fractional linear function in the study of the properties of four-terminal networks. V. I. Tsygankov. Trudy OMIT 42:23-24 '63.

ELECTRIC OSCILLATORS see Oscillators, Electric

ELECTRIC POWER

[Electric power production and utilization in foreign countries, supplement to the periodical "Elektricheskii standart"] Energetika, za rub. no. 5 S-O '65.

Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti, Belorusskoe otdelenie. [Exchange of experience in production and technological techniques in power engineering] Obmen proizvodstvenno-tekhnicheskimi opytom po promyshlennoi energetike. Minsk, 1965. 105 p.

Some means for saving electric power in the textile industry. A. M. Ivanov. Prom. energ. 20 no. 10:7-9 O '65.

ELECTRIC POWER—ABSTRACTS

[Electrical engineering and electric power] Ref. zhur.: Elektrotekh. i energ. nos. 9-10 S-O '65.

ELECTRIC POWER DISTRIBUTION

(see also subdivision under KAMI A. S. S. R.; Moscow, Tula)

Approach to the calculation of the reliability of relay protection systems. E. P. Smirnov. Elektrichestvo no. 9:44-49 S '65.

Approximate determination of maximum power transmitting capacity of a distant power plant and adjustment of automatic excitation regulators according to deviations in potential. I. V. Litvinov, V. A. Shchegov. Elektrichestvo no. 10:11-15 O '65.

Automatic group control of hydraulic turbine and generator units. N. P. Poluekhin. Elek. sta. 36 no. 10:56-59 O '65.

Automation of voltage regulation in electrical networks. Energetik 13 no. 10:31-32 O '65.

Basis for replacing a rectifier by an equivalent generator in the calculation of transient processes. A. V. Posaev. Izv. AN SSSR, Energ. i transp. no. 4:19-24 Ji-Ag '65.

Calculation of complexly coupled municipal power networks with ratings up to 1,000 volts. A. A. Glazunov, R. A. Fokin. Elek. sta. 36 no. 10:63-67 N '65.

Calculations of electrical networks taking into account voltage inequalities. R. I. Karaev. Elektrichestvo no. 9:25-31 S '65.

Classification of electric power recipients according to category and reliability of electric power supply. M. V. Grebenikh. Prom. energ. 20 no. 10:12-14 O '65.

Comparison of various methods of drop compensation in 30-150 kv. open-loop electric power transmission lines. V. N. Viatkin. Trudy Leningd. oprokta no. 1:174-188 '64.

Composition of equivalent circuits of zero-sequence parallel lines for some special cases of hookup. A. B. Chernin. Elektrichestvo no. 9:83-85 S '65.

Composition of zero sequence equivalent circuits for parallel lines with different potentials. A. B. Chernin. Izv. vys. ucheb. zav., energ. 8 no. 10:10-13 O '65.

Connection of branch lines to main power distribution lines. N. I. Marfin. Energetik 13 no. 10:18-20 O '65.

Considering the network factor in economic distribution of the active power of a system among electric stations. Kh. F. Fazlayev. Izv. AN Uz. SSR, Ser. tekhn. nauk. 9 no. 5:14-8 '65.

Design of liquefied gas pipelines for superconductive electric power transmission line systems. V. S. Okolotn. Izv. vys. ucheb. zav., energ. 8 no. 10:35-42 O '65.

Determination of energy losses during reverse power flow. V. G. Kitushin. Elektrichestvo no. 9:82-93 S '65.

Determination of the installed power of the power plants of consolidated power systems. I. A. Syromiatnikov. Elek. sta. 36 no. 11:42-47 N '65.

Determination of the required number of measurements in the experimental determination of electrical loads. A. M. Panchenko. Elektrichestvo no. 10:89-89 O '65.

Determination of the static characteristics of some industrial loads. V. T. Fedin. Izv. vys. ucheb. zav., energ. 8 no. 9:82-85 S '65.

Development and analysis of external power supply systems for electric traction. B. D. Gerasimov. Elektrichestvo no. 10:8-10 O '65.

Effect of transients in a line on the stability of long-distance power transmission lines. D. S. Lukashov. Elektrichestvo no. 10:16-27 O '65.

Equivalentizing the complex load of an electric power system. F. G. Guseinov. Za tekhn. prog. 5 no. 8:18-20 Ag '65.

Integral indices of voltage quality in an electric power distribution network. N. A. Mel'nikov, L. A. Soldatkina. Izv. AN SSSR, Energ. i transp. no. 4:45-52 Ji-Ag '65.

Logical synthesis of a three-phase automatic reclosing device. A. A. Khristalev. Izv. vys. ucheb. zav., energ. 8 no. 10:16-23 O '65.

Operational reliability of automatic relay systems of electrical power distribution networks. N. M. Zui, F. A. Kuliev. Elektrichestvo no. 9:40-44 S '65.

Optimization of flow distribution in closed-loop electrical networks with a high degree of nonuniformity. V. G. Kholmiskii. Elektrichestvo no. 9:16-21 S '65.

Organization of the operation of complex electrical networks. L. N. Lanev and others. Elek. sta. 36 no. 10:72-76 O '65.

Organization of the operation of electrical networks. A. A. Vasil'ev. Elek. sta. 36 no. 11:75-81 N '65.

Proposed regulations for the operation of the electrical systems of power consumers. Electrical systems of the peat industry. Prom. energ. 20 no. 10:19-53 O '65.

Quasi-stationary solution of a transient process in a long line. O. V. Olshevskii, G. I. Samorodov, V. K. Khalev, Izv. AN SSSR, Energ. i transp. no. 4:11-16 Ji-Ag '65.

Repair and production depots of electrical power distribution networks. Energetik 13 no. 10:31 O '65.

Selecting the design form of the systems of equations for unit voltages in electric systems. M. I. Udashova. Izv. AN Uz. SSR, Ser. tekhn. nauk. 9 no. 5:23-25 '65.

Some qualitative and quantitative relationships of the power load graphs of industrial enterprises. S. I. Olovich. Elektrichestvo no. 10:12-13 O '65.

Speed of voltage recovery in power systems and requirements of 110-220 kv. switches. G. A. Dair, V. D. Iusenkov. Elek. sta. 36 no. 11:51-52 N '65.

Use of symbolic methods in the calculation of forced processes. L. V. Dobrolubov. Izv. vys. ucheb. zav., energ. 8 no. 9:85-87 S '65.

Use of the reliability theory in the evaluation of relay protection systems. V. L. Fabrikant. Elektrichestvo no. 9:36-40 S '65.

Voltage regulation in a system consisting of a transistorized inverter and asynchronous motor. O. I. Khaseev, O. A. Kossov. Elektrichestvo no. 9:50-55 S '65.

ELECTRIC POWER DISTRIBUTION—ALTERNATING CURRENT

Algorithm for basing the areas of application of approximation formulas in calculating power and efficiency losses in a.c. power transmission lines. L. L. Chervinskii. Izv. vys. ucheb. zav., energ. 8 no. 9:6-12 S '65.

ELECTRIC POWER DISTRIBUTION—COMMUNICATION SYSTEMS

Analysis of the expediency of the use of electric power distribution networks in the capacity of communication channels using the theory of games technique. E. A. El'darov. Avtom. i telem. 26 no. 10:1757-1763 O '65.

ELECTRIC POWER DISTRIBUTION—CONGRESSES

pokrytiia poremennyykh elektricheskikh energosistem. Minsk, Nauka i tekhnika, 1965. 144 p.

ELECTRIC POWER DISTRIBUTION—FINANCE

Dissemination of standard methodology of the Academy of Sciences of the U. S. S. R. on dynamic models of electric power systems. D. S. Shchavalev. Izv. vys. ucheb. zav., energ. 8 no. 9:67-73 S '65.

ELECTRIC POWER DISTRIBUTION—HIGH TENSION

Consideration of the time factor in the selection of a high-voltage power transmission line taking into account its future operation. I. K. Koshkovskii. Elektrichestvo no. 10:20-27 O '65.

Mikhailov, A. V. [High-voltage technology in examples and problems] Tekhnika vysokikh napriazhenii v primerakh i zadachakh. Moskva, Vysshaya shkola, 1965. 225 p.

Transmission of high-frequency signals of a relay protection system through tapped high-voltage transmission lines. G. V. Milutskii. Elektrichestvo no. 10:33-41 O '65.

ELECTRIC POWER DISTRIBUTION—RELIABILITY

Method for calculating reliability in electric power distribution systems design. I. B. Absenton. Prom. energ. 20 no. 10:35-39 O '65.

ELECTRIC POWER DISTRIBUTION—SAFETY MEASURES

Determination of the design resistance of a grounding loop. P. I. Spevakov. Elektrichestvo no. 9:71-75 S '65.
Effective design parameters of complex grounding systems. A. I. Akobis. Elek. sta. 36 no. 11:91-93 N '65.

Magnetic registers using ferromagnetic tape. V. M. Brekhov. RU G Sergeev. Elek. sta. 36 no. 11:85-87 N '65.

Protection from binary short-circuits to ground in a 35 kv. network. A. A. Buturov. Elek. sta. 36 no. 11:88-89 N '65.

ELECTRIC POWER DISTRIBUTION—SAFETY REGULATIONS

Leading instructions on overvoltage protection of a c systems with 3-500 kv ratings. Elek. sta. 36 no. 11:93-94 O '65.

Plenary session of a section on electrical safety of the Central Administration of the Scientific and Technical Society of the Power Industry. O. F. Ushinskaya. Prom. energ. 20 no. 10:54-55 O '65.

Resistance value of a grounding device and equalization of potentials in systems with ratings in excess of 110 kv. M. R. Naufel'd. Prom. energ. 20 no. 10:40-41 O '65.

ELECTRIC POWER DISTRIBUTION—STANDARDS

Russia (1923- U. S. S. R.) Tekhnicheskoe upravlenie po ekspluatatsii energosistem. [Scope and norms for testing electrical equipment] Ob'em i normy ispytaniia elektrobudovaniia. Izd. dop. i ispr. Moskva, Energiia, 1965 168 p.

ELECTRIC POWER PLANTS

(see also subdivision under Chelyabinsk)

Determination of the installed power of the power plants of consolidated power systems. I. A. Syromiatnikov. Elek. sta. 36 no. 11:42-47 N '65.

Electric power plant mounted on railroad cars for electric power and heat supply. A. D. Rakhman. Elek. sta. 36 no. 10:36-40 O '65.

First geothermal electric power stations. B. M. Vymorokov. Vest. AN SSSR 35 no. 10:32-39 O '65.

Mathematical model with a computer for determining the heatness of central heating. A. P. Mironov, L. A. Starikov. Teploenergetika 12 no. 11:57-62 N '65.

Results of field observations of the bucket water intake of a large thermal-electric power plant. I. I. Makarov. Izv. VNIIG 78 257-270 '64.

Utilization of heat from scavenging and drainages of a thermal electric power plant. V. E. Arkhipov. Elek. sta. 36 no. 11:82-83 N '65.

ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION

Assembly-line methods in production are the basis for power engineering construction. A. I. Drobyshev, A. M. Nekrasov. Elek. sta. 36 no. 10:2-8 O '65.

New economic forms of the organization of the construction of electric power stations. P. Neporozhnyi. Plan khoz. 42 no. 11:10-15 N '65.

ELECTRIC POWER PLANTS—ELECTRIC EQUIPMENT

Dependence of the angular velocity of electric motors on the resistance of the excitation circuit. V. M. Zaitsev. Elek. sta. 36 no. 11:83 N '65.

Effect of asynchronous motors on short-circuit currents in a system supplying self-needs of power plants. O. V. Livanova and others. Elek. sta. 36 no. 11:40-54 N '65.

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

Auxiliary equipment of steam turbine electric power plants. R. V. Tsukerman and others. Energomashino-stroenie 11 no. 9:40-42 S '65.

Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti, Belorusskoe otdeleniye. [Exchange of experience in production and technological techniques in power engineering] Obmen proizvodstvenno-tekhnicheskimi opytom po promyshlennoi energetike. Minsk, 1965. 105 p.

Sazonov, G. G. [Manual for fitters and installers of heat regulatory and automatic control devices] Pamiatka slesaria-montazhnika po priboram teplovogo kontrolya i avtomaticheskogo regulirovaniia. Moskva, Energiia, 1965. 135 p.

System for the analysis of the economic effectiveness of repairs in electric power stations. S. L. Pruzner, A. M. Rianentsev, G. I. Chistiakov. Elek. sta. 36 no. 11:11-13 N '65.

ELECTRIC POWER PLANTS—FINANCE

Auxiliary equipment of steam turbine electric power plants. R. V. Tsukerman and others. Energomashino-stroenie 11 no. 9:40-42 S '65.

ELECTRIC POWER PLANTS—FUEL CONSUMPTION

Conference on power engineering use of coal from the Kuznetsk-Achinsk Basin. Teploenergetika 12 no. 10:91-93 O '65.

Determination of the effect of the load graph of fuel consumption. A. P. Dvornikov. Elek. sta. 36 no. 10:11 O '65.

Joint burning of anthracite culm and natural gas. B. M. Lebedev. Elek. sta. 36 no. 10:77-78 O '65.

ELECTRIC POWER PLANTS—WATER SUPPLY

Calculation of cavitation modes in feed regulating fittings. A. V. Ratner, A. M. Bukhinskii. Teploenergetika 12 no. 10:11-13 O '65.

Comparison of water conditions and means for water treatment in block-type state regional electric power plants with different boiler systems. F. G. Pikhonov, L. S. Gurevich. Teploenergetika 12 no. 10:7-8 O '65.

Networks and technology of chemical water treatment system of state regional electric power plants and thermal electric power plants. Teploenergetika 12 no. 10:90-92 O '65.

Study of a water cooling tower with a dripping film-type sprinkler. V. I. Gorbunov, A. P. Sereda, M. N. Davydova. Energetik 13 no. 10:5-11 O '65.

ELECTRIC POWER SUPPLY TO APPARATUS

Electric current supply to the communication systems in post enterprises. V. G. Borisovich. Toif. prom. 42 no. 7:41-43 '65.

Rukovich, A. M., and B. R. Shul'man. [Regulators and regulated a. c. power supply sources] Stabilizatory i stabilizirovannye istochniki planila peremennogo toka. Moskva, Energiia, 1965. 110 p. (Biblioteka po avtomatike, no. 146)

Power supply units and charging devices for relay protection and automatic control equipment. I. A. S. Gelfand. Elek. sta. 36 no. 10:82-83 O '65.

Regulations of effective voltage with increased accuracy. S. G. Onukhov. Trudy MEI 55 103-112 '65.

Study of a two-cycle instrument voltage converter using ferrites and transistors. A. Z. Vekaler, N. G. Semenko. Avtom. i telemek. 26 no. 9:1590-1605 S '65.

Use of selenium rectifiers instead of counter-c. m. f. cells in d. c. networks. Z. I. A. Idrisi. Vest. svyazi 25 no. 8:7-9 Ag '65.

Voltage ratings for industrial equipment. Energetik 13 no. 10:29 O '65.

ELECTRIC PROTECTION

Grounding of the guard wires of 400-500 kv overhead power transmission lines. F. I. Votintsev. Energetik 13 no. 10:24-26 O '65.

Transmission of high-frequency signals of a relay protection system through tapped high-voltage transmission lines. G. V. Mikutskii. Elektrichestvo no. 10:73-11 O '65.

ELECTRIC PUMPING MACHINERY see Pumping machinery, Electric

ELECTRIC RAILROADS

Information. Elek. i tepl. tuga 9 no. 7:44 JI '65.

ELECTRIC RAILROADS—COMMUNICATION SYSTEMS

Analysis of the hookup of station transmitters with phase wires. R. M. Shevchuk. Trudy OMIT 42 61-76 '63.

ELECTRIC RAILROADS—CURRENT SUPPLY

Analysis of the hookup of station transmitters with phase wires. R. M. Shevchuk. Trudy OMIT 42 61-76 '63.

Development and analysis of external power supply systems for electric traction. B. E. Gerontius. Elektrichestvo no. 10:8-10 O '65.

Electrical field of the stray current of an electrified railroad in a two-layer media. A. V. Beasonenko. Trudy OMIT 42 11-22 '63.

Method for calculating the electrical field of stray current in a two-layer media. A. V. Beasonenko. Trudy OMIT 42 77-90 '63.

New regulations for the protection of underground structures from corrosion. D. B. Lomazov. Elektrichestvo no. 9:70-81 S '65.

Problems of analysis and calculation of overlay track circuits. V. I. Sokolov. Trudy OMIT 42 81-100 '63.

Qualitative evaluation of the interference level in track circuits with automatic block systems and a c traction. E. V. Berdenzhyuk. Trudy OMIT 42:47-50 '63.

Reliability of electric power supply to block signaling systems on electrified sections. V. B. Lapin. Zhel. dor. transp. 47 no. 10:91-92 O '65.

ELECTRIC RAILROADS—MAINTENANCE AND REPAIR

Device for the inspection of spark gaps in overhead contact systems. I. I. A. Tulin. Elek. i tepl. tuga 9 no. 7:15-16 JI '65.

Improving the technical maintenance of overhead contact systems. B. S. Bilinov, V. I. Chukalov. Elek. i tepl. tuga 9 no. 7:10-11 JI '65.

Measurement of rail-to-earth potentials and resistance to rail and overhead structures-to-rail resistance. B. P. Seleznev, V. I. Karataev. Elek. i tepl. tuga 9 no. 7:12-13 JI '65.

ELECTRIC RAILROADS—MANAGEMENT

Improvement of the utilization of locomotives in a c operating for higher standards in production and scientific organization of work. B. I. Verby, A. M. Pechenchenko, V. I. Sokov. Elek. i tepl. tuga 9 no. 7:1-5 JI '65.

Ways to improve the organization of the work and methods of locomotive crews. V. V. Matkovskii, M. I. Kuzenko. Elek. i tepl. tuga 9 no. 7:10 N '65.

ELECTRIC RAILROADS—POLES AND TOWERS

Operation and repair of reinforced concrete overhead structures. R. N. Tronel'nikov. Elek. i tepl. tuga 9 no. 7:10-11 JI '65.

ELECTRIC RAILROADS—ROLLING STOCK

Observations concerning the design of ER electric trains. A. F. Dnyakov, L. G. Kovalov, M. L. Gerasimov. Elek. i tepl. tuga 9 no. 7:21-25 JI '65.

ELECTRIC RAILROADS—SIGNALING

Problems of analysis and calculation of overlay track circuits. V. I. Sokolov. Trudy OMIT 42 81-100 '63.

ELECTRIC RAILROADS—SIGNALING—CLASSIFICATION OF TRAFFIC CONTROL

Reliability of electric power supply to block signaling systems on electrified sections. V. B. Lapin. Zhel. dor. transp. 47 no. 10:91-92 O '65.

ELECTRIC RAILROADS—SUBSTATIONS

Compensation of the reactive power in a c traction substations. B. M. Borodulin. Elek. i tepl. tuga 9 no. 7:30-31 JI '65.

Mobility traction substation with silicon rectifiers. I. I. Litvinov, S. D. Sokolov. Elek. i tepl. tuga 9 no. 7:16-17 JI '65.

ELECTRIC RAILROADS—WHEELS AND WIRING

Konley, A. A. [Construction of an a. c. contact network, work practices of the workers of work train No. 752] Montazh kontaknoi seti peremennogo toka, upyt kolektiva stroitel'sko-montazhnogo poezda No. 752. Moskva, Transport, 1965. 147 p.

ELECTRIC REACTORS

Mathematical modeling of magnetic leakage of 110 kv transformers and traction using electrically equivalent circuits. V. I. Lashin. Elektrichestvo no. 10:10-11 O '65.

ELECTRIC RELAYS

Approach to the calculation of the reliability of relay protection systems. P. P. Semakov. Elektrichestvo no. 9:44-49 S '65.

Effect of d. c. magnetic fields on the performance of polarized relays. Sh. N. Kuperavich. Elek. i tepl. tuga 9 no. 9:20-25 '65.

Mechanical contactors for relays used in traction substations. N. V. Dymkovskii, M. V. Milosheva. Elektrichestvo no. 10:31-34 O '65.

Let-one time relay with dependent characteristics and with a long delay time at minimum time constant. A. I. Turchenkov. Elektrichestvo no. 10:12-15 '65.

ELECTRIC RELAYS—RELIABILITY

Operational reliability of automatic relay systems of electrical power distribution networks. B. M. Zaitsev, E. A. Kulov. Elektrichestvo no. 9:40-44 S '65.

Reliability of a relay element. D. G. Mavlanova, I. A. AN UZ, SSR Ser. tekhn. nauk 9 no. 5:83 '65.

Use of the reliability theory in the evaluation of relay protection systems. V. I. Eshelant, Elektrichestvo no. 9:30-40 S '65.

ELECTRIC RESISTANCE—MEASUREMENT

T-type d. c. bridge and prospects for its use in the measurement of large resistances. A. M. Tegelskii. Trudy Inst. Kon. stand., mer. i izm. prib. no. 15 11-11 '63.

ELECTRIC RESISTORS—STANDARDS

Network and methods for evaluating the accuracy of calibration of standard resistances. V. P. Shchegolev. Trudy Inst. Kon. stand., mer. i izm. prib. no. 15 11-11 '63.

ELECTRIC RESONATORS

Diffraction in cavity resonators with conical surfaces. Part 1. L. A. Vainshteyn. Elektr. on, radio, i telemek. no. 4:100-120 '65.

Diffraction in cavity resonators with conical surfaces. Part 2. L. A. Vainshteyn. Elektr. on, radio, i telemek. no. 4:130-147 '65.

Diffraction in cavity resonators with conical surfaces. Part 3. L. A. Vainshteyn. Elektr. on, radio, i telemek. no. 4:148-156 '65.

ELECTRIC RESONATORS (Continued)

- Effect of inhomogeneities on the properties of a ring resonator. A. D. Sushkov, I. B. Vendik. Zhur. tekhn. fiz. 35 no. 9:1510-1516 S '65.
- Excitation of electromagnetic vibrations in cavity resonators. L. A. Vainshtein. Tekhn. bol'sh, moshch. no. 4:157-172 '65.
- Geometrical optics of three-dimensional vibrations in cavity resonators. V. P. Bykov. Elektron. bol'sh, moshch. no. 4:66-92 '65.
- Triaxial body in a cavity resonator. I. M. T'Sipenik. Elektron. bol'sh, moshch. no. 4:173-177 '65.

ELECTRIC RHEOSTATS

- Results of the experimental introducing of a new periodicity of rheostatic inspections of TIS diesel locomotives. I. S. Nazarov, A. P. Sokolov. Elek. i tepl. tizn. 8 no. 7: 7-8 JI '65.

ELECTRIC SIGNS

- Electric advertising sign designs. I. U. A. Gukin. Stroitel'nikh. Len. 27 no. 9:36 S '65.

ELECTRIC SUBSTATIONS

- Disconnecting and switching-in of an idle transformer using a 500 kv. disconnecting switch. V. M. Bobrovskii, I. A. V. Radionov. Elek. sta. 36 no. 10:59-64 O '65.
- Grounding stages of high-voltage substations. E. I. A. Rakhova, A. A. Voronina. Elek. sta. 36 no. 11:60-63 N '65.
- New transformer substations for the power supply of construction sites. G. A. Svinistunov. Elek. sta. 36 no. 10:82 O '65.
- Special features of the operation of condenser banks. Energetik 13 no. 10:29 O '65.

ELECTRIC SUBSTATIONS—SAFETY MEASURES

- Grounding devices of electric substations. M. R. Naifeld. Elek. sta. 36 no. 10:85 O '65.
- Long vertical electrodes for the grounding stages of electric substations. E. I. A. Rakhova. Elek. sta. 36 no. 10:64-69 O '65.

ELECTRIC SWITCHGEAR

- Canein, G. Z., and I. G. Kulneva. [Parallel connection switches] Pereklyuchatel'nykh soedinenii (PPS) Leningrad, 1965. 21 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Priboi i elementy avtomatiki)
- Shortcomings of the disconnecting electromagnets of PS-10 drives. S. I. Potnikov. Elek. sta. 36 no. 11: 87 N '65.
- Speed of voltage recovery in power systems and requirements of 110-220 kv. switches. G. A. Dorit, V. D. Litrenkov. Elek. sta. 36 no. 11:54-59 N '65.

ELECTRIC SWITCHGEAR—TESTING

- Choice of the parameters of a voltage recovery circuit in systems for testing switches. M. M. Akodis, P. A. Korzun. Izv. vyz. ucheb. zav., energ. 8 no. 10:105-108 O '65.

ELECTRIC TRANSFORMERS

- Additional eddy current losses in transformer windings. E. A. Man'kin, D. N. Morozov, A. V. Alferova. Elektrotehnika 36 no. 10:16-19 O '65.
- Hamais, A. M., and S. V. Shapiro. [Electric transformers with bias control] Transformatory, reguliruyemye potmagnitnivanom. Moskva, Energiya, 1965. 158 p. (Biblioteka po avtomatike, no. 147)
- Disconnecting and switching-in of a idle transformer using a 500 kv. disconnecting switch. V. M. Bobrovskii, I. A. V. Radionov. Elek. sta. 36 no. 10:59-64 O '65.
- Distribution of leakage flux and additional losses in the cores of large transformers under load conditions. E. A. Man'kin, D. N. Morozov, A. V. Alferova. Elektricheskoe no. 9:60-70 S '65.
- Gas emission in transformer oil during the vibration of solid particles. K. F. Spokanichuk, S. P. Rzhovskaya. Izv. vyz. ucheb. zav., energ. 8 no. 9:87-90 S '65.
- Mathematical modeling of magnetic leakage fields of transformers and reactors using electrically conductive paper. S. I. Lur'ya. Elektricheskoe no. 10:80-86 O '65.
- Measuring current and voltage transformer. V. F. Sidla. Izv. vyz. ucheb. zav., prib. 8 no. 5:22-23 '65.
- Oscillations of circular transformer windings. V. V. Bobozin, B. A. Kuranov, B. P. Makarov. Izv. AN SSSR, Energ. i transp. no. 4:86-90 JI-Ag '65.
- Transformers with magnetic switching of the turns of regulated windings. V. A. Troitskii. Elektricheskoe no. 9:64-67 S '65.
- Use of transformer insulating oils in municipal power distribution systems. N. G. Kalantar. Elek. sta. 36 no. 11:72-74 N '65.

ELECTRIC TRANSFORMERS—COSTS

- Methodology for consolidated determination of the cost of power transformers. L. I. A. Poyolovskii, D. R. Zinkin. Elektrotehnika 36 no. 10:10-22 O '65.

ELECTRIC TRANSFORMERS—SAFETY MEASURES

- Are safety fuses in single-phase 35 kv. transformers necessary? K. E. Baskin. Elek. sta. 36 no. 11:87-88 N '65.

- Defects of the overvoltage protection circuits of power transformers. O. V. Suslov. Elek. sta. 36 no. 10:83 O '65.

- High-speed structural short-circuit protection system of generators, transformers, and generator-transformer units. V. F. Poliakov, V. L. Skul'shnikov. Izv. vyz. ucheb. zav., energ. 8 no. 9:1-5 S '65.

ELECTRIC TRANSFORMERS—TESTING

- Methods and equipment for testing d.c. instrument transformers. A. S. Buntatsky. Trudy Inst. Kom. stand., mer. i izm. prib. no. 71:125-135 '63.
- Use of a magnetic comparison in testing a.c. instrument transformers. A. Z. Veksel, B. V. Zekharov. Trudy Inst. Kom. stand., mer. i izm. prib. no. 74:136-143 '63.

ELECTRIC TRANSFORMERS—WINDINGS

- Effect of inductance and losses in steel on the errors of the measurement of I_{ϕ} and C_{ϕ} in transformer winding insulation. M. V. Lokashin. Elektricheskoe no. 9:76-78 S '65.

ELECTRIC WELDING

- Introducing automatic machine for welding nozzles and connecting branches to pipes. A. V. Fokhenko, B. Kh. Zholobov, M. A. Tarnantukii. Bid. tekhn. ekon. inform. Gos. nauch. inst. inst. nauch. i tekhn. inform. 18 no. 9:14-16 S '65.
- Kinetics of gas saturation in some methods of fusion welding. D. K. Bezhakh. Svar. proizv. no. 10:14-15 O '65.
- Semiautomatic carbon-dioxide shielded arc welding and building-up. S. Iosim. Avi. transp. 43 no. 10:29-31 O '65.
- Study of temperature fields and selection of the regimes of arc welding with a ribbon electrode. L. N. Kopelman. Trudy LITV no. 80:54-60 '65.
- Using wire welding in radio equipment and thermocouples in pyrometry. V. P. Dedkov. Bld. tekhn. ekon. inform. Gos. nauch. inst. inst. nauch. i tekhn. inform. 18 no. 9:16-17 S '65.
- Welding frame longrons of the GAZ-68 and UAZ-450 motor vehicles. D. A. Surkov. Avi. prom. 31 no. 10:39-40 O '65.

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

- Automatic control of the argon-arc welding process by standard contactless modules. B. K. Bozlov, V. N. Volehenko. Svar. proizv. no. 10:12-14 O '65.
- Ceramic nozzle for welding in carbon dioxide. I. U. N. Lobanov. Svar. proizv. no. 10:38-40 O '65.
- Conditions of the welding of aluminum alloys influencing the density of the weld metal. I. M. Terent'ev, P. D. Burukin, G. S. Kononov. Svar. proizv. no. 10:16-18 O '65.
- Deflection of welding arcs in a transverse magnetic field. I. M. Kovalov. Svar. proizv. no. 10:21-23 O '65.
- A device for welding pins to small-diameter tubes attached to a series-built spot welding machine. B. V. Grudinskii. Svar. proizv. no. 10:10 O '65.
- Influence of a longitudinal magnetic field on an electric arc with a nonconsumable tungsten cathode. V. S. Lysakov, K. V. Likhavskii. Svar. proizv. no. 10:9-12 O '65.
- Limits of an efficient use of welding under flux. I. U. N. Nevstov. Svar. proizv. no. 10:21-23 O '65.
- Randner, U. I. [Metallurgical processes during welding] Metallurgicheskie protsessy pri svark. Tallinn, Tallinskii politekhn. inst., 1964. 44 p.
- Remote control of the voltage of TSG-500 converters. G. I. Dyvratov, G. I. Bukhov. Svar. proizv. no. 10:37 O '65.
- Rotation of a welding arc on concentric electrodes with magnetic control. G. B. Serdik. Svar. proizv. no. 10: 1-3 O '65.
- Stability of a welding arc in a transverse magnetic field. I. M. Kovalov, A. I. Akulov. Svar. proizv. no. 10:6-8 O '65.
- Structure and properties of copper base alloys with cobalt and silicon addition alloys. V. P. Grabin, I. U. N. Malyskii. Metalloved. i term. obrab. met. no. 3:26-32 Mr '65.

- Taita, B. L. [Modern arc welding equipment] Sovremennoe oborudovanie dlia dugovoi svarki. Leningrad, 1965. 37 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya: Svarka, rezka, palka i naplavka metallov)
- Winterproofing the coatings of gas-shielded electrodes. I. N. Vornovitskii, N. P. Sarskaya, G. P. Grinovich. Svar. proizv. no. 10:23-25 O '65.
- Welding the pins of a T-180 tractor with a modernized R-912 automatic machines. I. S. Sorokin, M. Z. Braverman. Svar. proizv. no. 10:38-39 O '65.

ELECTRIC WIRE, INSULATED

- Oxidized aluminum wires for asynchronous electric motors. A. P. Zubarev. Elektrotehnika 36 no. 10:38-39 O '65.

ELECTRIC WIRING

- Work organization in electric installation operations. M. L. Sholkin. Stroitel'nikh. Uzb. 6 no. 8:27-29 Ag '65.

ELECTRIC WIRING, INTERIOR

- Concealed wiring in residential buildings. S. P. Kokoiev. Got. khaz. Mosk. 34 no. 11:36 Ag '65.
- Kaminskii, I. A. [Practical wiring of dwellings and how to handle it] Kvartirnaia elektroprovodka i kak s nei obrashchatsya. Izd. 3. Moskva, Energiya, 1965. 151 p.

ELECTRICITY—EFFECT ON PLANTS

- Effect of electricity on plants. sec. Plants.
- New method for reviving the body in injury from an electric current. Elek. sta. 36 no. 10:80-91 O '65.

ELECTRICITY IN AGRICULTURE

- Protective grounding in rural electrical power systems. S. Kostriuk. Tekhn. v sel'khoz. 25 no. 6:37-38 Je '65.

ELECTRICITY IN BUILDING

- New transformer substations for the power supply of construction sites. G. A. Svinistunov. Elek. sta. 36 no. 10:82 O '65.

ELECTRICITY IN MINING

- Murav'ev, V. P. [Practical guide to the design of low-voltage mine networks] Prakticheskoe rukovodstvo po raschetu nizkovol'tnykh setei shakhty. Moskva, Nedra, 1965. 94 p.
- Seasonal changes in the insulation resistance of cable networks in mine sections. N. L. Borodin. Prom. energ. 20 no. 10:10-12 O '65.

ELECTRICITY ON SHIPS

- Barnov, A. P. [New sources of electrical power for ships] Novye istochniki elektricheskoi energii dlia sudov. Leningrad, Sudostroenie, 1965. 131 p.
- Stabilizing the voltage frequency of shaft-driven generators on river vessels. N. A. Semenov. Trudy LITV no. 71:36-46 '64.
- Use of a.c. electric power systems of increased parameters on prospective ship types. S. V. Seleznev. Trudy LITV no. 71:31-36 '64.

ELECTROACOUSTICS

- Problems of scoring systems in premises with rather poor acoustic characteristics. G. B. Rabinovich. Vest. aviat. 25 no. 8:12-13 Ag '65.

ELECTROCAPILLARY PHENOMENA

- Adsorption of some derivatives of pentafluoro- and pentachlorobenzene at the solution-air and solution-mercury interfaces. V. A. Kuznetsov, B. D. Basmakin. Elektrokhimia 1 no. 9:1153-1156 S '65.

ELECTROCARDIOGRAPHY

- Atrioventricular dissociation. L. Migulova and others. Kardiologiya no. 3:52-55 '65.
- Changes in the electrocardiogram in rheumatic fever. Kh. I. Aibaeva. Sbor. nauch. trud. TashGIMI 22:51-59 '62.
- Changes in the electrocardiogram, the content of potassium and sodium in the myocardium and the arterial pressure in rats following introduction of cortisone and the effect of some additional factors. A. I. Andreichev. Fiziol. zhur. 51 no. 7:338-343 '65.
- Changes in the position of the electric axis of the heart following delivery in mitral valve defect. A. S. Novitskii. Akush. i gyn. no. 1:32-34 '65.
- Changes of the P wave in electrocardiography following conversion of cardiac fibrillation to sinus rhythm in thyrotoxicosis patients with 131I and strumectomy. M. V. Spiridonova. Kardiologiya no. 3:87 '65.
- Clinical electrocardiographic picture of a total atrioventricular block. O. A. Kuvaldina. Sov. med. 28 no. 3:28-33 Mr '65.
- Differentiation of electrical activity of the heart. Preliminary report. Z. Silinskii. Kardiologiya no. 3: 67-72 '65.
- Effect of pantoic acid, methionine, and a mixture of gluconate and glycine on the metabolism in a heart muscle and the electrocardiography of muscular activity. N. A. Iakovlev, N. I. Vol'nov, I. G. Iashkevich. Ukr. biokhim. zhur. 37 no. 5:818-835 '65.
- Electric activity of the heart in chronic tonsillitis. Z. M. Garbman. Zhur. eksp. i klin. med. 5 no. 1:67-73 '65.
- Electrocardiographic observations in hepatocellularitis. Z. L. Dolabekhan, K. T. Gasparian. Zhur. eksp. i klin. med. 5 no. 1:74-77 '65.
- Evaluation of individual functional electrocardiographic tests in coronary insufficiency. B. M. Kogan. Zhur. eksp. i klin. med. 2 no. 6:63-73 '62.
- Evaluation of the state of cardiac activity in stomatological patients in relation to surgery under local anesthesia. A. R. Skarbenchuk. Probl. chol. - liza, khir. no. 1:21-25 '65.
- Geneals of electrocardiographic changes during a sugar test. T. L. Kilinskii, F. P. Vysokii. Vest. AMN SSSR 20 no. 10:72-77 '65.
- Parasytologia. L. I. Brokhes. Kardiologiya no. 3:72-75 '65.

ELECTROCARDIOGRAPHY (Continued)

- Quantitative evaluation of hyperfunction of the left ventricle in hypertension. Z. L. Dolobichan, *Kardiologiya* no. 3, 18-22 '65.
Significance of intrauterine fetal electrocardiography in the early diagnosis of multiple pregnancy. R. S. Kapriova, *Akush. i ginek.* no. 2, 45-49 '65.
Some pathophysiological problems in unstable intraventricular block. I. A. I. Rudakov, *Kardiologiya* no. 3, 35-41 '65.

ELECTROCHEMICAL ANALYSIS

- Low-frequency titration. Changes in the boundary impedance in the course of titration M. R. Burakov, S. I. Rempell, *Zhur. fiz. khim.* 39 no. 6, 2265-2269 '65.

ELECTROCHEMICAL APPARATUS

- Square pulse generator for electrochemical investigations. A. Z. Khasin, N. S. Merkulova, V. D. Kashcheev, *Elektrokhimiya* 1 no. 9, 1142-1145 '65.

ELECTROCHEMISTRY

- Anodic dissolution of gallium arsenide. E. A. Efimov, I. G. Erusalimchik, *Elektrokhimiya* 1 no. 7, 819-821 '65.
Damaskin, B. B. [Principles of the modern methods of studying electrochemical reactions] *Printsipy sovremennyykh metodov izucheniya elektrokhimicheskikh reaktsii*. [Moscow] Izd-vo Mosk. univ., 1965, 102 p.
Effect of the conditions of genesis of a Ni-Al alloy on the electrochemical activity of hydrogen diffusion electrodes. T. Kabiev and others. *Elektrokhimiya* 1 no. 7, 865-871 '65.
Electrochemical behavior of indium. Part I: Cathodic process. A. P. Fchel'nikov, V. V. Losev, *Elektrokhimiya* 1 no. 9, 1058-1063 '65.
Electrochemical processes on an arsenic electrode. E. A. Efimov, I. G. Erusalimchik, *Elektrokhimiya* 1 no. 9, 1133-1137 '65.
Electrochemical properties of membranes from anion exchangers with different ionogenic group structure. Part I: Nonexchange adsorption of electrolytes by membranes. E. A. Materova, T. I. Rozhanskaya, Z. M. Stota, *Elektrokhimiya* 1 no. 7, 794-799 '65.
Lomanovich, V. A. [Chemical electronics] *Khimotronics*. Moskva, Znanie, 1965, 31 p. (Novoe v zhizni, nauke, tekhnika, IV Seriya, Tekhnika, no. 22)
Technique of generating self-oscillations in a cell for measuring the Volta potential difference by the condenser method. L. L. Knots, G. G. Dubovik, *Elektrokhimiya* 1 no. 7, 788-793 '65.

ELECTROCHEMISTRY—CONGRESSES

- Fifth Conference on the Electrochemistry of Organic Compounds. I. A. M. Zolotovskii, *Elektrokhimiya* 1 no. 7, 882-883 '65.

ELECTRODES

- Comparison of platinum oxide and glass indicator electrodes in acid-base titration. Effect of nonaqueous solvents, the nature of the titrant, and various additions. V. E. Petrovich, O. M. Petrovich, O. M. Podurovskaya, I. A. Tui'an Zhu, *Anal. khim.* no. 10, 785-789 '65.
Effect of the cathode surface material on the internal stresses in zinc deposits. M. A. Popereka, V. V. Koshmanov, *Zhur. prikl. khim.* 38 no. 9, 1266-1300 '65.
Electrode system for the electric breakdown of thin dielectric specimens. S. N. Kolesov, *Zav. lab.* 31 no. 9, 1152 '65.
Overvoltage and mechanism of cathodic incorporation of alkali metals into solid electrodes. B. N. Kabanov and others. *Elektrokhimiya* 1 no. 9, 1023-1028 '65.
Reference electrode for measuring the contact potential difference by the vibrating capacitor method. D. L. Kondrashov, N. I. Kamkin, *Zav. lab.* 31 no. 9, 1152-1153 '65.
Structure and properties of copper base alloys with cobalt and silicon addition alloys. V. F. Grabin, I. U. B. Malevskii, *Metallurg. i term. obr. met.* no. 3, 26-32 '65.
Waterproofing the coatings of gas-shielded electrodes. I. N. Voinovskii, N. P. Sharskaya, G. P. Grinevich, *Svar. protv.* no. 10, 23-25 '65.

ELECTRODES, ARSENIC

- Electrochemical processes on an arsenic electrode. E. A. Efimov, I. G. Erusalimchik, *Elektrokhimiya* 1 no. 9, 1133-1137 '65.

ELECTRODES, CARBON

- Machine for processing carbon-graphite electrodes. E. Gevorkian, *Prom. Arm.* 8 no. 8, 30-32 '65.

ELECTRODES, INDIUM

- Effect of surface-active agents on hydrogen overvoltage on indium. A. T. Petrenko, *Elektrokhimiya* 1 no. 7, 839-843 '65.

ELECTRODES, LEAD

- Effect of surface-active substances on the process of passivation of a lead electrode. V. F. Lazarev and others. *Zhur. prikl. khim.* 38 no. 6, 1305-1309 '65.

ELECTRODES, PLATINUM

- Electrolytic oxidation of organic substances on a platinum electrode. Report No. 2. Kinetics of oxidation of alcohols, aldehydes, and carboxylic acids with the estimation of the surface inhomogeneity of the platinum electrode. O. A. Khazova, I. U. B. Vasil'ev, V. S. Bagotakii, *Izv. AN SSSR, Ser. khim.* no. 10, 1770-1787 '65.
Kinetics of methanol adsorption on a platinum electrode. S. S. Beskovatnaya, I. U. B. Vasil'ev, V. S. Bagotakii, *Elektrokhimiya* 1 no. 9, 1029-1035 '65.

ELECTRODES, SILICON

- Anodic behavior of silicon in some nonaqueous solutions. Part I. N. M. Alpatova, I. U. B. Vasil'ev, A. I. Gorbancev, *Elektrokhimiya* 1 no. 7, 814-850 '65.

ELECTRODES, SILVER

- Possibilities of increasing electric capacity of the silver electrode of a battery. F. I. Kukoz, G. V. Mikhailenko, M. F. Spalozubov, *Izv. vyz. ucheb. zav., khim. i fiz. tekhn.* 8 no. 3, 118-152 '65.

ELECTRODES, ZINC

- Effect of some organic substances on the anodic dissolution of metals in neutral solutions. Part 2: Anodic dissolution of zinc. S. G. Bialozor, *Elektrokhimiya* 1 no. 9, 1137-1141 '65.

ELECTRODIALYSIS

- Concentration polarization in the demineralization of waters by electrodialysis with ion-exchange membranes. V. B. Gaidadymov, *Dokl. AN SSSR* 164 no. 6, 1317-1350 '65.

ELECTRODYNAMICS—BOUNDARY VALUE PROBLEMS

- Approximate solution of the fundamental boundary value problem in electrodynamics. L. A. Patashvili, *Sov. AN Gruz. SSR* 39 no. 3, 513-550 '65.

ELECTROENCEPHALOGRAPHY

- Changes in evoked cortical potentials during stimulation of the nucleus caudatus. S. M. Butskhul, *Trudy Inst. fiziol. AN Gruz. SSR* 14, 89-99 '65.
Changes in the bioelectric activity of the brain in lupus erythematosus. G. I. Steiman, *Vest. derm. i ven.* no. 1, 3-9 '65.
Changes in the electric activity of the brain following surgery for stenoses and thromboses of the carotid arteries. V. A. Chukhrova, *Zhur. nev. i psikh.* 65 no. 10, 1493-1497 '65.
Changes in the electrical activity of the sensorimotor system of the brain during stimulation of the tactile cerebellar area. G. L. Bekina, *Trudy Inst. fiziol. AN Gruz. SSR* 14, 101-106 '65.
Characteristics of the bioelectric activity of the brain in women before and after surgical removal of some pathologic processes in the cervix uteri. I. K. Vachnadze, *Akush. i gin.* no. 2, 101-105 '65.
Combination of wavemeter and integrator for simultaneous evaluation of the dynamics of the quantity of waves and average amplitude of cerebral bioelectric currents. A. M. Mitiska, *Fiziol. zhur.* 51 no. 7, 893-895 '65.
Diagnosis of pathological twisting of the carotid arteries by means of rheoencephalography. Kh. Kh. Ibrullin, *Zhur. nev. i psikh.* 65 no. 10, 1476-1483 '65.
Effect of stimulation of the pulmonary receptors on the electric activity of the cerebral cortex in cats under ether anesthesia. V. M. Kazakov, *Fiziol. zhur. [Ukr.]* 11 no. 4, 830-833 '65.
Effect of triggering light stimulation on the electric activity of the brain following insult. L. G. Makarova, *Zhur. nev. i psikh.* 65 no. 10, 1466-1472 '65.
Effect of various grades of hypoxia on the sensitivity to epileptogenic agents and some functional properties of motor formations in the brain. S. A. Dolina, *Fiziol. zhur.* 51 no. 7, 789-805 '65.
Electric activity of the cortex, lateral and ventromedial nuclei of the hypothalamus and some other formations of the brain following food and defense reflexes in rabbits. L. V. Kaluzhnyi, B. I. Koflar, *Nauch. dokl. vys. shkoly, biol. nauk* no. 4, 60-66 '65.
Electrical activity of the hippocampus in ontogeny. N. N. Dzidzishvili, L. R. Kvirkvelia, *Trudy Inst. fiziol. AN Gruz. SSR* 14, 107-120 '65.
Electroencephalographic data on the role of the cerebral cortex in the origin of oxygen seizures. I. B. Voronov, *Fiziol. zhur.* 51 no. 7, 777-783 '65.
Electroencephalographic evaluation of the functional state of the central nervous system in the process of megavolt radiotherapy. I. V. Vvedenskaya, T. S. Stepanova, *Vop. neirokhim.* no. 1, 31-35 '65.

- Interrelationships between some regions of the brain following spreading depression. T. T. Bondarenko, *Nauch. dokl. vys. shkoly, biol. nauk* no. 4, 67-70 '65.
Medium level of the asymmetry in the duration of a rhythm phases and the rate of information processing in the visual-motor system. A. A. Genkin, *Biofizika* 10 no. 5, 868-873 '65.
Relationship between the forebrain and visual centers of the midbrain in bony fishes and amphibia. T. M. Zagorul'ko, *Zhur. evrol. biokhim. i fiziol.* 1 no. 5, 110-158 '65.
Some correlations of pathological changes in the electroencephalogram and electrogram of muscle tonus in patients with tumors of the frontal lobe. N. A. Filipycheva, *Vop. neirokhim.* no. 1, 11-18 '65.

ELECTROLUMINESCENCE

- Aging of the Ti-510 electroluminescent in barium nitrate. G. G. Verigin, I. I. Ruzanov, M. P. Lomov, *Svetotekhnika* 10 no. 10, 15-16 '65.
Electroluminescent signals in color display system. E. N. Lobinova, I. V. Sushkin, *Svetotekhnika* 10 no. 11, 14-15 '65.

ELECTROLYSIS

- Diffusion of electrolyte hydrogen through bimetallic membranes. V. V. Kurnetov, G. N. Konchik, *Elektrokhimiya* 1 no. 9, 1115-1119 '65.
Effect of the ultrasound on the absorption of hydrogen by metals during electrolysis. V. V. Kurnetov, H. I. Subbotina, A. S. Krasnik, *Zhur. prikl. khim.* 10 no. 6, 1310-1315 '65.
Effect of ultrasound on the diffusion of electrolyte hydrogen through thin membranes. V. V. Kurnetov, N. I. Subbotina, *Elektrokhimiya* 1 no. 9, 1091-1093 '65.
Method of electrodeposition of small amounts of metal from solutions. V. S. Rostnikov, M. P. Zhurav, *Elektrokhimiya* 7 no. 6, 625-627 '65.
Synthesis of α , ω -dihydroxy fluoro paraffins from α , ω -dihydroxy fluoro paraffins by Kolbe reaction. A. I. Lashin, O. N. Chuchina, S. V. Sokolov, *Zhur. prikl. khim.* 38 no. 10, 1778-1781 '65.
Theory of electrolysis on a laminated electrode in the case of mixed kinetics. L. F. Kholomov, *Zhur. prikl. khim.* 39 no. 9, 2270-2273 '65.

ELECTROLYSIS—EQUIPMENT AND SUPPLIES

- Causes of electrolytic cell bottom deterioration during the operation of aluminum bath. A. I. Bogdanov, *Tsvet. met.* 38 no. 6, 54-61 '65.
Improving the design of coal lines bottom in aluminum electrolytic cells. V. N. Samoilenko, A. M. Tsygalko, *Tsvet. met.* 38 no. 6, 45-49 '65.
Lining material for aluminum electrolytic cells. I. B. Pantsevich and others. *Tsvet. met.* 38 no. 6, 49-54 '65.

ELECTROLYTIC SOLUTIONS

- Adsorption of inorganic ions on mercury from ferric nitrate solutions. B. B. Damaskin, R. V. Ivanova, A. A. Smilina, *Elektrokhimiya* 1 no. 7, 767-772 '65.
Anodic behavior of silicon in some nonaqueous solutions. Part I. N. M. Alpatova, I. U. B. Vasil'ev, A. I. Gorbancev, *Elektrokhimiya* 1 no. 7, 844-850 '65.
Case of the formation of an intermediate solution during the effect of electric discharge between an external anode and a concentrated solution of alkali metal salt at ultra-high polarizations. V. D. Suprykha, *Elektrokhimiya* 1 no. 9, 1157-1161 '65.
Cathodic polarization during the electrolysis of sulfuric acid solutions of vanadium and zinc. A. M. Fursey, M. I. Port, *Trudy Inst. met. i obog. AN Kazakh. SSR* 14, 1453-1457 '65.
Electrolysis upon a liquid gallium cathode in hydro-sulfate solutions. V. P. Porubnov, V. D. Porubnov, *Trudy Inst. met. i obog. AN Kazakh. SSR* 14, 1457-1463 '65.
Electrolytic preparation of iron from high-iron acid solutions. A. L. Tsift, S. A. Bilyubokova, A. D. Aleskova, *Trudy Inst. met. i obog. AN Kazakh. SSR* 14, 1452-1453 '65.
Filter ceramics for the purification of nickel sulfate. A. S. Boikman, I. G. Melnikova, *Stek. ker.* 22 no. 1, 22-26 '65.
Investigating cathodic polarization during the electrolysis of alkaline solutions of vanadium and zinc. A. M. Fursey, M. I. Port, *Trudy Inst. met. i obog. AN Kazakh. SSR* 14, 1450-1455 '65.
Lithium reduction from nitric acid solutions upon a gallium cathode. V. P. Porubnov, V. D. Porubnov, *Trudy Inst. met. i obog. AN Kazakh. SSR* 14, 1477-1483 '65.

ELECTROLYTE SOLUTIONS—COOLING

- Evaporating appliance cleaning and the prevention of gypsum formation during the cooling of electrolytes. N. I. Reshetnikov, *Tsvet. met.* 38 no. 6, 39-41 '65.
Use of centralized vacuum evaporative cooling of an electrolyte. N. S. Volodin and others. *Tsvet. met.* 38 no. 6, 33-39 '65.

ELECTROLYTES

- Ion exchange of weak organic electrolytes. G. I. Khar'binas, I. F. Glavin, *Zhur. fiz. khim.* 39 no. 6, 2182-2185 '65.
Propagation of ultrasonic waves in nonaqueous solutions of electrolytes. B. B. Kudravin, D. B. Chudakov, *Zhur. fiz. khim.* 39 no. 9, 2360-2361 '65.
Stability of lyophobic sols and their coagulation by electrolytes. Part 8: Coagulation of lyophobic sols by electrolyte mixtures. V. M. Jarbo, *Kolloid. zh.* 27 no. 5, 643-651 '65.

ELECTROLYTIC CELLS

- Electric field of a controlled electrochemical reactor cell. V. V. Treier, V. S. Borovkov, *Elektrokhimiya* 1 no. 9, 1130-1133 '65.
Sokolov, P. N. [Chemical sources of electric power] *Khimicheskoe i atomicheskoe elektricheskoe energoizobrazhenie*. [Moscow] Izd-vo Leningr. univ., 1965, 10 p. (Khimiya i vuzakh, no. 2)

- ELECTROLYTIC CORROSION**
Thermogalvanic corrosion of iron and steel. A. I. A. Shatalov, I. K. Marshukov, S. A. Kaluzhina, Izv. vys. ucheb. zaved., Khim., 1 khim. tekhn. 8 no. 3 111-115 '65.
- ELECTROLYTIC OXIDATION** see Oxidation, Electrolytic
- ELECTROLYTIC POLISHING**
Electropolishing of silicon. P. V. Shchigolev, Z. B. Safonova, Elektrokhitimika 1 no. 10:1077-1083 '65.
- ELECTROLYTIC REDUCTION** see Reduction, Electrolytic
- ELECTROMAGNETIC FIELDS**
Calculation of a traveling electromagnetic field in a lamellar conductive medium. I. M. Postnikov, Elektricheskoe no. 9:1-7 '65.
Conditions of physical similitude of quasi-stationary electromagnetic fields in ferromagnetic media. A. V. Ivanov-Smolenskiy, Izv. AN SSSR, Energ. i transp. no. 4:35-44 31-Ag '65.
Modulation of a microwave field by means of a ferromagnetic resonance. I. A. Deriugina, V. N. Kurashov, Radiotekhn. i elektron. 10 no. 10:1787-1803 O '65.
One case of anisotropy. A. I. Potekhin, Radiotekhn. i elektron. 10 no. 10:1900-1901 O '65.
Output fluctuations of thermal radiation detectors. V. V. Karavaev, Zhur. eksp. i teor. fiz. 49 no. 3 820-831 S '65.
[Theoretical principles of electrical engineering]
Teoreticheskie osnovy elektrotekhniki, Moskva, Vysshaya shkola.
Pl. 2, Davyskiy, A. I., and E. S. Kukharkin.
[Principles of the electromagnetic field theory]
Osnovy teorii elektromagnitnogo polya. Pod red. P. A. Ionkina. 1965. 282 p.
- ELECTROMAGNETIC PROSPECTING** see subdivision under Yantsev Valley
- ELECTROMAGNETIC PUMPS**
Construction features and test results of conduction pumps. T. M. Avdeyeva and others. Mag. gidr. no. 3 121-125 '65.
New induction pump for pumping liquid metals. T. K. Kalinin, Mag. gidr. no. 3 195 '65.
Principles of rational design of d-c electromagnetic pumps. A. M. Andreev, V. A. Glukhikh, B. K. Karashev, Mag. gidr. no. 3 111-120 '65.
Simplified determination of short-circuit current in a helical asynchronous pump. R. R. Patis, R. L. Reimel, V. A. Tsvetov, Mag. gidr. no. 3 111-113 '65.
Some problems affecting the design of a three-phase helical electromagnetic pump. A. I. Berdnov, N. V. Sineva, Mag. gidr. no. 3 103-110 '65.
Transverse edge effect in flat linear induction pumps. N. M. Ophremenko, Mag. gidr. no. 3 87-95 '65.
- ELECTROMAGNETIC WAVES**
Emission of electromagnetic waves during nonlinear interaction of surface oscillations in a two-dimensional plasma layer. D. D. Riatov, Dokl. AN SSSR 164 no. 5 1273-1276 O '65.
Excitation of electromagnetic vibrations in cavity resonators. L. A. Vainshtein, Elektr. on, bolsh. mosch. no. 4:157-172 '65.
Frequency doubling in the reflection of a wave from a plasma boundary. I. U. R. Yanakian, Zhur. tekhn. fiz. 35 no. 5:1552-1557 S '65.
Kinetic theory of electromagnetic waves in a plasma layer. A. N. Kondratenko, Zhur. tekhn. fiz. 35 no. 9: 1545-1551 S '65.
Superhigh-frequency electromagnetic waves in the skin layer of indium. R. T. Mina, M. S. Khaikin, Pis'ma v red. Zhur. eksp. i teor. fiz. 1 no. 2:34-41 Ap '65.
Theory of nonlinear interaction of waves in a magnetoactive anisotropic plasma. V. N. Tsytoch, A. B. Sviratsburg, Zhur. eksp. i teor. fiz. 49 no. 3:707-806 S '65.
- ELECTROMAGNETIC WAVES—PHYSIOLOGICAL EFFECT**
Effect of high frequency electromagnetic oscillations on the liver in persons with a normal and moderately disturbed functional state of this organ. K. M. Solovtsova, Fiziol. zhur. [Ukr.] 11 no. 4:488-503 31-Ag '65.
Formation of gastric ulcer in rabbits under the effect of superhigh frequency irradiation of the epigastric region of the abdomen. I. V. Pitenin, A. G. Subhota, Biol. eksp. i med. 60 no. 9:55-59 S '65.
- ELECTROMAGNETIC WAVES—SCATTERING**
Scattering of electromagnetic waves by an isolated trail in the form of a rotating paraboloid. N. P. Mar'in, Radiotekhn. i elektron. 10 no. 10:1705-1773 O '65.
- ELECTROMAGNETISM**
Renormalization of the vector current in baryons by the disturbance of SU (0)-symmetry. E. V. Gedalin, O. V. Konechell, S. G. Matfina, Pis'ma v red. Zhur. eksp. i teor. fiz. 1 no. 3:35-40 My '65.
- ELECTROMAGNETS**
Control network of an electromagnet using a regulated silicon rectifiers. A. A. Danilov, I. V. Shalygin, Izv. vys. ucheb. zaved., elektromekh. 8 no. 9 1012-1021 '65.
Control system for a powerful electromagnet. I. M. Baikan, Priboirost. i met. no. 9 28 S '65.
Shortcomings of the disconnecting electromagnets of PS-10 drives. S. I. Poltavov, Elektr. sta. 36 no. 11 87 N '65.
- ELECTROMETALLURGY—CONGRESSES**
Fifth All-Union Scientific and Technical Conference on the Use of High-Frequency Current in Electrometallurgy. Metalloved. i term. obr. met. no. 3:61-62 M '65.
- ELECTROMOTIVE FORCE**
Constant of the attraction interaction between adsorbed organic molecules and the factors contributing to its linear dependence on the potential. B. B. Damaskin, Elektrokhitimika 1 no. 9 1123-1126 S '65.
Measurement of the Volta potential difference of electro-deposited nickel as depending on its structure. G. A. Golikov, A. V. Leont'ev, Elektrokhitimika 1 no. 9 1113-1114 S '65.
Study of the thermodynamic properties of binary alloys by the electromotive force method. Part 10. A. A. Vocher, V. A. Gelderikh, Ia. I. Gerasimov, Zhur. fiz. khim. 39 no. 9:2145-2149 S '65.
Technique of generating self-oscillations in a cell for measuring the Volta potential difference by the condenser method. L. L. Kots, G. G. Dubovik, Elektrokhitimika 1 no. 7:788-793 31 '65.
- ELECTROMYOGRAPHY**
Characteristics of bipolar and monopolar derivations of total muscular electromyograms. I. N. Sal'chenko, Fiziol. zhur. 51 no. 7 884-889 '65.
Determination of basic electrical characteristics of the myocardium of the frog's ventricle. M. B. Ber Vinbit and others. Biofizika 10 no. 5:861-867 '65.
Effect of NiCl₂ on electric and mechanical activity of the myocardium of a frog. E. B. Babitskiy, I. A. Donskikh, Dokl. AN SSSR 164 no. 5:1187-1200 O '65.
Effect of proprioceptive stimulation on the muscular activity in man, based on data of electromyographic studies. N. N. Khavkina, V. B. Liberman, Fiziol. zhur. 51 no. 7 862-866 '65.
Electromyographic examination in discogenic cervical myelopathy. M. V. Luk'yanov, Trudy 1-go MMI 38 259-276 '65.
Muscular activity of infants born in asphyxia. A. D. Duka, Akush. i gign. no. 2 57-65 '65.
Some correlations of pathological changes in the electroencephalogram and electromyogram of muscle tonus in patients with tumors of the frontal lobe. N. A. Filip'yev, Vop. neirokhim. no. 1, 11-16 '65.
Threshold stimulation of the muscle tissue by alternating current. A. K. Pits, Biofizika 10 no. 5 886-889 '65.
- ELECTRON BEAMS**
Observation of cascade transitions due to electronic excitation of cadmium. A. L. Osherovich, I. A. P. Voronin, Dokl. AN SSSR 164 no. 5 1022-1023 O '65.
- ELECTRON DIFFRACTION EXAMINATION**
Use of a doubly focusing electromagnetic lens in producing electron diffraction micropatterns. I. U. M. Vorona, V. N. Vertsner, Dokl. AN SSSR 163 no. 1:61-62 N '65.
- ELECTRON MICROSCOPY**
Cell structure seen through an electron microscope. Z. P. Pausheva, Zemledelie 27 no. 11:80-88 N '65.
Changes in the ultrastructure of human hepatic cells in thyrotoxicosis. B. K. Neapozovny, O. B. Shumkina, V. M. Afintin, Arkh. pat. 27 no. 6:64-66 '65.
Effect of the chemical irregularity of trans-1,4-polyisoprene chains on its structural and mechanical properties. Tran Khau and others. Vysokom. soed. 7 no. 9:525-1528 S '65.
Electron microscopic and cytochemical study of nuclear elements of Bacillus cereus at different stages of culture development. L. N. Kats, I. B. Pavlova, Mikrobiologiya 34 no. 4:830-842 31-Ag '65.
Electron microscopic study of the muscles in insects. I. U. T. Mamed'sham, Zhur. evol. biokhim. i fiziol. 1 no. 5:391-397 S-O '65.
Electron microscopic study of the surface structure of latex films at various stages of their preparation. N. A. Palikhov, Koll. zhur. 27 no. 5:735-737 S-O '65.
Electron microscopy of Kh21NST steel. V. B. Spidonov, I. U. A. Skakov, V. N. Iordanskii, Metalloved. i term. obr. met. no. 3:47-49 Mr '65.
Photoptical and electron microscopic study of the effect of enzymes on the bacterial cell. L. N. Kats, I. B. Pavlova, Mikrobiologiya 34 no. 5:845-849 S-O '65.
Ultrastructure of the transplantable hepatomas of S₃NA mice. Report No. 1. Electron microscopic study of the hepatomas 22 and 46. E. I. Pyldere, V. M. Brestka, TShtologiya 7 no. 3:372-377 My-Je '65.
- Ultra-thin sections of Treponema pallidum under the electron microscope. N. M. Orshankin, V. V. Delektorshii, Vest. d. r. m. i ven. no. 1:50-51 '65.
- ELECTRON MICROSCOPY—CONGRESSES**
Third Regional European Conference on Electron Microscopy, August-September, 1964, in Prague. I. Sh. Vaisman and others. Arkh. anat. i gist. i embriol. 19 no. 7 120-122 31 '65.
- ELECTRON MULTIPLIERS** see Photoelectric multipliers
- ELECTRON PARAMAGNETIC RESONANCE**
Analysis of vanadium phosphate glasses by the electron paramagnetic resonance method. V. M. Nagiev, Fiz. tver. tela 7 no. 9:2726-2729 S '65.
Catalytic decomposition of alkylhydroperoxides studied by means of electron paramagnetic resonance. M. K. Shebenikova and others. Dokl. AN SSSR 164 no. 4 848-871 O '65.
Comparison of the electron paramagnetic resonance of Nd³⁺ and Ce³⁺ ions of the homologous Scheelite series. L. N. Kurkin, I. A. Sichekun, Fiz. tver. tela 7 no. 9:2852-2853 S '65.
Electron paramagnetic resonance in biradicals of the hydrazine series. I. U. M. Ryzhmanov and others. Dokl. AN SSSR 164 no. 5:1073-1076 O '65.
Electron paramagnetic resonance method for studying the interrelationship between semiquinone-type free radicals and native and denatured DNA. G. L. Grigor'yan and others. Dokl. AN SSSR 165 no. 1:224-226 N '65.
Electron paramagnetic resonance of the [MnF₄]²⁻ tetrahedral complex in scheelite. L. V. Bershov, A. S. Marfuntin, R. M. Mineeva, Zhur. eksp. i teor. fiz. 49 no. 3:743-748 S '65.
Electron paramagnetic resonance spectra observed during mechanical treatment of DNA preparations. G. V. Abagyan, P. I. U. Dutagin, Biofizika 10 no. 5:763-767 '65.
Electron paramagnetic resonance spectra of irradiated frozen aqueous solutions. Report No. 2. Aqueous solutions of sodium nitrite. D. G. Ershov and others. Izv. AN SSSR, Ser. khim. no. 10:1759-1763 '65.
Light on paramagnetic resonance spectra of radicals formed in the photolysis of inorganic peroxides and peroxy hydrates. I. F. Fanchuk, Teoret. i eksper. khim. 1 no. 1:531-535 '65.
Electron paramagnetic resonance studies of the structure of active centers of chromium oxide catalysts for ethylene polymerization. L. V. Aleksandrov, V. B. Kazanskiy, I. D. Mikhelkin, Khim. i tekhn. 6 no. 3: 430-447 My-Je '65.
Electronic paramagnetic resonance of Mg²⁺ in apophyllite. L. V. Bershov, A. S. Marfuntin, R. M. Mineeva, Dokl. AN SSSR 164 no. 5:1141-1142 O '65.
Hyperfine splitting on the hydroxyl group proton. A. L. Lutskiy, I. S. Romodanov, L. N. Gafuk, Teoret. i eksper. khim. 1 no. 4 510-541 '65.
Observation of transitions between hyperfine sublevels of paramagnetic atoms. I. V. Matishov, V. D. Doroshov, I. U. T. Nevenko, Pis'ma v red. Zhur. eksp. i teor. fiz. 1 no. 3:22-25 My '65.
Study of bis(benzene-*para*-*para*-cresol) copper by electron paramagnetic resonance method. I. V. Mikhelchenko, G. M. Lashin, Teoret. i eksper. khim. 1 no. 4 515-548 '65.
Study of certain organic complexes of tetravalent vanadium by the electron paramagnetic resonance method. N. S. Gaf'yanov, B. M. Koryakov, Teoret. i eksper. khim. 1 no. 4:525-530 '65.
Study of the molecular complexes of magnesium phthalocyanine and other phthalocyanines with iodine by the electron paramagnetic resonance method. E. G. Shalotin, Teoret. i eksper. khim. 1 no. 4:519-121 '65.
Use of electron paramagnetic resonance for studying catalysts. V. I. Volkov, L. N. Gamuk, Usp. khim. 34 no. 9:1548-1573 S '65.
Use of the electron paramagnetic resonance in studying surfaces of silicon and lead sulfide. T. T. Bykova, I. V. Vinokurov, Fiz. tver. tela 7 no. 9:2597-2602 S '65.
Vanadyl chloride solutions in organic solvents studied by the methods of infrared absorption and electron paramagnetic resonance spectra. I. P. Lipatova, Dokl. AN SSSR 164 no. 4:819-821 O '65.
- ELECTRON PARAMAGNETIC RESONANCE—SPECTRA**
Inversion and width of paramagnetic resonance absorption lines in rutile with chromium in the 20-centimeter band. N. V. Karlov, B. B. Krynetskiy, Fiz. tver. tela 7 no. 9:2865-2866 S '65.
- ELECTRON-TUBE AMPLIFIERS** see Amplifiers, Electron-tube
- ELECTRON-TUBE DIODES** see Diodes, Electron-tube
- ELECTRON-TUBE OSCILLATORS** see Oscillators, Electron-tube
- ELECTRON TUBES**
Nature of a reflector discharge in a magnetic field. E. T. Kucherenko, V. A. Senko, E. V. Akhlyskaya, Radiotekhn. i elektron. 10 no. 10:1873-1879 O '65.
Potential gradient in a positive column with pulsed discharge feed. L. N. Breusova, Radiotekhn. i elektron. 10 no. 10 1865-1872 O '65.

ELECTRONIC ANALOG COMPUTERS

- Adaptive dynamic models with adjustment according to statistical data. S. V. Egorov. *Trudy MEI* no. 59:13-64 '65.
- Control system using models operating in an accelerated time scale. V. I. Dolnenko, G. S. Chikharishvili. *Trudy MEI* no. 59:103-114 '65.
- Harmonic analysis using an analog computer. V. F. Sidikhin. *Izv. vuz. ucheb. zav., elektromekh.* 8 no. 8:907-909 '65.
- Predictive automatic control systems using dynamic models for one class of objects. N. M. Alekandrovskii, S. V. Egorov, V. P. Meshalkin. *Trudy MEI* no. 59:85-102 '65.
- Use of a composite system in the study of complex industrial processes. G. K. Krug, I. A. Sirmal, I. L. Tsvetayeva. *Trudy MEI* no. 59:195-212 '65.
- Use of an analog computer in the construction of an adaptive system model. *Trudy MEI* no. 59:65-76 '65.

ELECTRONIC ANALOG COMPUTERS—CIRCUITS

- Low-frequency phase regulator. V. I. Iakubovskii. *Izv. vuz. ucheb. zav., elektromekh.* 8 no. 8:801-804 '65.

ELECTRONIC ANALOG COMPUTERS—INPUT-OUTPUT EQUIPMENT

- System for feeding information to dynamic models. S. V. Egorov. *Trudy MEI* no. 59:77-81 '65.

ELECTRONIC APPARATUS AND APPLIANCES

- Current integrator. A. A. Bukl, Zhur. prikl. khim. 38 no. 6:1398-1400 Je '65.
- Gorn, L. S., B. N. Kononov, and K. F. Kuznetsov, eds. [Nuclear instrument manufacture] *Adaptive priborostroenie, nauchno-tekhnicheskiy sbornik* Moskva, Atomizdat, 1964- (NJP).
- Lomnev, S. P. [Calculation of electrophysical units and electrophysical phenomena using digital computers] *Raschet i issledovanie elektrofizicheskikh ustanovok i elektrofizicheskikh layenit na tsifrovyykh vychislitel'nykh mashinakh*. Moskva, Vychislitel'nyi tsentr AN SSSR, 1965. 130 p. (Trudy Vychislitel'nogo tsentra)

ELECTRONIC APPARATUS AND APPLIANCES—ABSTRACTS

- [Electronics and its applications] Ref. zhur. 'Elek. i ee prim.' nos 10-11 O-N '65.

ELECTRONIC APPARATUS AND APPLIANCES—RELIABILITY

- Choice of system parameters for automatic fault detection. I. N. Bihov, A. V. Mozgalevskii. *Avtom. i telemekh.* 26 no. 10:1809-1812 O '65.
- Cold reservation with restoration. A. F. Zubova. *Avtom. i telemekh.* 26 no. 10:1800-1803 O '65.
- Engineering and economically expedient level of reliability. N. F. Vollermer. *Radiotekhnika* 20 no. 5:80-85 Mv '65.
- Evaluation of the quantity of lost demands due to non-reliability of the servicing equipment. O. V. Shcherbakov. *Avtom. i telemekh.* 26 no. 10:1813-1817 O '65.
- Reliability of doubled systems taking into account the nature of switch faults and the control network. L. L. Barin'skiy, V. S. Dem'ianchuk. *Avtomatika*, 10 no. 4:3-9 '65.
- Reliability of protective devices. V. V. Malev. *Avtom. i telemekh.* 26 no. 9:1606-1613 S '65.

ELECTRONIC CIRCUITS

- Ganell, G. Z., and I. G. Kulaeva. [Parallel connection switches] *Pereklyuchatel'nyye paralel'nye soedineniya (PPS)*. Leningrad, 1965. 21 p. (Leningradskiy dom nauchno-tekhnicheskoy propanday. Nauchno-tekhnicheskii opyt Seriya Pribory i elementy avtomatiki)

ELECTRONIC COMPUTERS

- Cartel agreements of monopolies on the computer market. IU In'kov. *Vnesh. iorg.* 45 no. 10:24-27 '65.
- Computation Technology Day. V. Kh. Galeev. *Vych. i org. tekhn. v stroit. i proekt.* no. 2:108-110 '64.
- Determining permitted range for temperature variations of the surrounding medium and the power supply voltage by conditions of a steady operation of ferrotransistor cells. V. S. Kuznetsov. *Izv. vuz. ucheb. zav., prib.* 8 no. 5:80-85 '65.
- Logical units "Pamiat'" and "Vyderzhka vremeni." M. I. Blinder. *Priborostroenie* no. 9:9-10 S '65.
- Method for minimizing a logical circuit of an algorithm. V. G. Lazarev. *Avtom. i telemekh.* 26 no. 10:1838-1844 O '65.
- A method for the synthesis of majority systems. L. A. Rozenblum. *Izv. vuz. ucheb. zav., prib.* 8 no. 5:86-90 '65.
- Precision-type pulse-time multiplying and dividing devices using transistors. B. K. Petrov and others. *Avtom. i telemekh.* 26 no. 10:1818-1823 O '65.
- "Promin", a small electronic computer for engineering calculations. V. Kh. Galeev. *Vych. i org. tekhn. v stroit. i proekt.* no. 3:41-43 '64.

Reinberg, M. G. [Horizons of computer technology]

- Gorizonty vychislitel'noy tekhniki. 2. dop. izd. Moskva, Znaniye, 1965. 93 p. (Narodnyy universitet Tekhniko-ekonomicheskii fakul'tet, no. 8)
- Use of computers in the control of complex industrial processes. N. M. Alekandrovskii, A. N. Khaitonov. *Trudy MEI* no. 59:185-194 '65.

ELECTRONIC COMPUTERS—ABSTRACTS

- [Automatic control, remote control, and computer technology] Ref. zhur. *Avtom. i telemekh.* nos 10-11 O-N '65.
- [Journal of abstracts: Cybernetics] Ref. zhur. i Kib. no. 9 S '65.

ELECTRONIC COMPUTERS—CIRCUITS

- Analysis of the stable transmission of ones in a magnetic shift register during change in cycle currents. R. S. Krasimov, G. V. Subbotina. *Avtom. i telemekh.* 26 no. 9:1582-1598 S '65.
- Calculation of minimal losses in a circuit containing a ferromagnetic remagnetized by a charged condenser. V. E. Bogolubov, P. P. Zharikov, G. G. Gusev. *Elektricheskoye* no. 8:60-61 S '65.
- Capacitive parametron with five stable states. IU. N. Efimov. *Izv. vuz. ucheb. zav., prib.* 8 no. 5:72-74 '65.
- Conditions for the realization of transistorized threshold circuits. V. P. Chistov. *Avtom. i telemekh.* 26 no. 10:1824-1831 O '65.
- Conditions of the precise realization of sequential functions using different sets of real logical elements with consideration of delay. N. P. Vasil'yeva, I. Gashkoveta. *Avtom. i telemekh.* 26 no. 9:1578-1591 S '65.
- Efficiency of discrete elements. I. S. Givich. *Avtom. i telemekh.* 26 no. 10:1815-1822 O '65.
- Majority decomposition. V. I. Varshavskii. *Avtom. i telemekh.* 26 no. 9:1639-1643 S '65.
- Method for analyzing the errors of an operational amplifier invariant in respect to its mathematical operation. D. E. Polonnikov. *Avtom. i telemekh.* 26 no. 9:1614-1617 S '65.

- New principles for the realization of logical and computing devices based on uniform microelectronic structures. I. V. Prangishvili, E. V. Babikova, V. V. Ignat'shenko. *Avtom. i telemekh.* 26 no. 10:1781-1792 O '65.
- Noise stable trigger circuit for lmc operation. V. F. Guzik, O. D. Glukhov. *Izv. vuz. ucheb. zav., elektromekh.* 8 no. 8:863-873 '65.
- Selection of the optimal frequency characteristic of operational amplifiers using transistors. V. I. Anisimov, A. P. Golubev. *Avtom. i telemekh.* 26 no. 10:1832-1837 O '65.
- Sign of the completeness of a system of functions in the algebra of logic. R. V. Mozhayev. *Avtom. i telemekh.* 26 no. 9:1644-1645 S '65.

ELECTRONIC COMPUTERS—EXHIBITIONS

- The "Dnieper" computer directs and controls. B. Otdol'nov. *Inform. biul. VDNKII* no. 3:23 Mr '65.

ELECTRONIC COMPUTERS—INPUT-OUTPUT EQUIPMENT

- Amplifier of the photoelastic input unit for the "VNIEMI-1" control computer. V. I. Adun'ko. *Priborostroenie* no. 9:23-25 S '65.
- Processing the information of complex alphanumeric digital texts. I. I. Braginov, K. G. Gerasov, F. Kh. Nizarov. *Biul. tekhn. i ekon. inform. Gos. nauch. i issl. inst. nauch. i tekhn. inform.* 18 no. 9:12-14 S '65.

ELECTRONIC COMPUTERS—MAINTENANCE AND REPAIR

- Some problems of the operation of the EMPT-2. IU. S. Pavlenko. *Shvein. prom.* no. 5:26-27 S-O '65.

ELECTRONIC COMPUTERS—MEMORY SYSTEMS

- Principles for the combination of operational and long-duration memory devices. N. S. Anishin, G. G. Rekus. *Izv. vuz. ucheb. zav., prib.* 8 no. 5:88-91 '65.

ELECTRONIC CONTROL

- Automatic relay device for controlling cycle production processes. A. I. Chistakov. *Trudy KAI* no. 70:27-31 '63.
- Effect of a flat metallic surface on the impedance of a superposed transducer in electromagnetic control. S. D. Anisimov. *Izv. vuz. ucheb. zav., elektromekh.* 8 no. 9:1083-1088 '65.
- Pulsed pulse-phase programmed control system. S. V. Dmitriev and others. *Trudy KAI* no. 78:11-17 '63.

ELECTRONIC DATA PROCESSING

- Computation Technology Day. V. Kh. Galeev. *Vych. i org. tekhn. v stroit. i proekt.* no. 2:108-110 '64.
- Konferentsiya na temu "Primeneniye elektronno-vychislitel'nykh mashin v narodnom khoziaistve." Gorky, 1962. [Transactions on problems in the use of electronic computers in the national economy] *Trudy po voprosam primeneniya elektronnykh vychislitel'nykh mashin v narodnom khoziaistve*. Gorky, Gorkovskii issl. fiziko-tekhn. in-t, 1964. 217 p.

Lomnev, S. P. [Calculation of electrophysical units and electrophysical phenomena using digital computers]

- Raschet i issledovanie elektrofizicheskikh ustanovok i elektrofizicheskikh layenit na tsifrovyykh vychislitel'nykh mashinakh. Moskva, Vychislitel'nyi tsentr AN SSSR, 1965. 130 p. (Trudy Vychislitel'nogo tsentra)
- Problems of the theory of optimization of industrial processes. N. N. Kostake. *Avtom. i telemekh.* '65 no. 10:1682-1694 O '65.

ELECTRONIC DATA PROCESSING—MATHS (ENGINEERING)

- Matrix method of calculating the statically unbalanced structural systems. I. V. Repin. *Trudy Inzhiniringa* no. 1:155-173 '64.

ELECTRONIC DATA PROCESSING—BUILDING

- Assistance came from electronics. I. Romizov. *Inform. biul. VDNKII* no. 3:20-22 Mr '65.

ELECTRONIC DATA PROCESSING—CARBONIZATION

- Calculation of conditions of a carbonization column with a universal electronic computer. V. I. Gurev. *Izv. vuz. ucheb. zav., khim. i khim. tekhn.* 8 no. 4:110-117 '65.

ELECTRONIC DATA PROCESSING—CHEMICAL INDUSTRIES

- Special features of automatic optimizers for a certain class of industrial objects. N. M. Alekandrovskii, R. E. Kuzin. *Trudy MEI* no. 59:115-119 '65.
- Use of a composite system in the study of complex industrial processes. G. K. Krug, I. A. Sirmal, I. L. Tsvetayeva. *Trudy MEI* no. 59:105-212 '65.
- Use of computers in the control of complex industrial processes. N. M. Alekandrovskii, A. N. Khaitonov. *Trudy MEI* no. 59:185-194 '65.

ELECTRONIC DATA PROCESSING—COAL MINES AND MINING

- Use of mathematical methods and electronic computers in coal mining. P. A. Dumitov. *Ugol' i tse.* 9 no. 10:53-54 O '65.

ELECTRONIC DATA PROCESSING—CONSTRUCTION EQUIPMENT

- Using the method of mathematical simulation for accelerating research work. V. A. Dumanov, I. M. Malinovskii. *Stroitel. i dor. mash.* 10 no. 9:35-36 S '65.

ELECTRONIC DATA PROCESSING—CONSTRUCTION INDUSTRY

- Analysis of graphic work scheduled on electronic computers. IU. Aydev, I. Kogan. *Nauch. i issl. iorg.* no. 9:9-10 S '65.
- Application of net program charts and electronic computers in building. I. I. Iltis. *Inform. biul. VDNKII* no. 7:21-22 Ji '65.
- Construction control with the aid of electronic computers. IU. I. Makulov, V. S. Shakhidzhamov. *Stroitel. i dor. mash.* 10 no. 10:23 O '65.
- Cybernetics and production management. M. B. Skolnikova. *Vych. i org. tekhn. v stroit. i proekt.* no. 1:100-101 '64.
- Exhibition on "Organization and mechanization of engineering and management work." *Vych. i org. tekhn. v stroit. i proekt.* no. 1:114-116 '64.
- Industry-wide conference on problems of cybernetics and introducing control systems for complicated operations. V. Kh. Galeev. *Vych. i org. tekhn. v stroit. i proekt.* no. 1:108-110 '64.
- Methodology of designing automated systems of planning and control of construction in the U.S.S.R. V. S. Sinak. *Vych. i org. tekhn. v stroit. i proekt.* no. 2:13 '64.

- Principles of the technological and operational design of assembly-line construction with the aid of electronic computers. V. I. Sadovskii. *Vych. i org. tekhn. v stroit. i proekt.* no. 3:2-9 '64.

- Programming engineering and construction problems for the BESM-2M electronic computer. V. L. Nazhdevich. *Vych. i org. tekhn. v stroit. i proekt.* no. 1:73-77 '64.

- Seminar on "Practices in using computing and organization techniques in the construction industry." L. G. Pass. *Vych. i org. tekhn. v stroit. i proekt.* no. 1:110-114 '64.

- Some problems in improving effectiveness in the use of electronic computers. V. V. Sokolov. *Vych. i org. tekhn. v stroit. i proekt.* no. 3:37-41 '64.

- Some problems of network scheduling solved by electronic computers. N. V. Skrydlov, I. A. Pashenko, G. I. Skrydlova. *Vych. i org. tekhn. v stroit. i proekt.* nos. 1:26-36 '64.

- Technology of automated calculation and the production of tables. L. S. Iakobson. *Vych. i org. tekhn. v stroit. i proekt.* no. 1:50-56 '64.

ELECTRONIC DATA PROCESSING—ECONOMICS use subdivision under United States

- EMULSIONS, PHOTOGRAPHIC** see Photographic emulsions
- ENAMEL AND ENAMELING**
Aging of the EL-10 electroluminescent in borosilicate enameled G. G. Verigin, P. L. Rymyanov, M. P. Furman. *Sovetskaya khim.* no. 10:15-18 O '65
- ENAMELED WARE**
Gladilin, L. V. [Selecting steel for the enameling of die-stamped objects]. *Vybor stali dlia emalirovaniia shtampovannykh izdelii* Leningrad, 1965 14 p. (Leningradskii dom nauchno-tekhnicheskoi informatsii. Proizvodstvennyi opyt. Seriya Goriachela i khodnaya obrabotka metallov davleniem)
- ENCEPHALITIS**
Case of encephalitis with a periodic "sleep" syndrome. N. M. Stepanova. *Trudy Vor. med. inst.* 51:90-102 '63.
Clinical aspects and differential diagnosis of subarachnoid hemorrhages and hemorrhagic meningoencephalitis. O. S. Strolina, K. D. Vlasova. *Trudy Vor. med. inst.* 51:25-31 '63.
Clinical aspects of encephalitis with Dandy-Walker syndrome. N. M. Stepanova. *Trudy Vor. med. inst.* 51:103-104 '63.
Differential-diagnostic criteria in tumors and infectious diseases of the brain. E. P. Adorikhina. *Trudy Vor. med. inst.* 51:105-110 '63.
Encephalitis in connection with epidemic parotitis. V. V. Plishechugin. *Trudy Vor. med. inst.* 51:68-69 '63.
Influenza arachnoencephalitis. V. V. Plishechugin. *Trudy Vor. med. inst.* 51:82-89 '63.
Study of the permeability of the hematoencephalic barrier in meningitis and encephalitis using the radioactive indication method, preliminary report. E. N. Lokain. *Trudy Vor. med. inst.* 51:117-124 '63.
- ENCEPHALITIS, EPIDEMIC—PREVENTIVE INOCULATION**
Study of conditions influencing the effectiveness of immunization against tick-borne encephalitis. Report No. 1. Influence of the immunogenic properties of the vaccine on the effectiveness of vaccination and revaccination. M. P. Chumakov and others. *Vop. virus.* 10 no. 2:168-172 Mr.-Ap '65
- ENCEPHALITIS VIRUSES**
Fractionation of the Japanese encephalitis virus by the method of chromatography on calcium phosphate columns. S. I. A. Gaidamovich, Diana Sun Myou. *Vop. virus.* 10 no. 2:213-217 Mr.-Ap '65.
Multiplication of the Venezuelan equine encephalomyelitis virus in cells treated with actinomycin D. F. I. Ershov, V. M. Zhdanov, A. A. Tsareva. *Antibiotiki* no. 3:250-255 '65.
Study of the variability of tick-borne encephalitis viruses. Report No. 1. O. G. Andzhaparidze and others. *Vop. virus.* 10 no. 2:165-167 Mr.-Ap '65.
Use of paromycin for the inhibition of the growth of the Venezuelan equine encephalomyelitis virus. V. M. Zhdanov, F. I. Ershov. *Antibiotiki* no. 3:255-259 '65
- ENCEPHALITIS VIRUSES—CULTURES AND CULTURE MEDIA**
Effect of interferon on the state of the RES cell line inoculated with the tick-borne encephalitis virus. L. S. Priznagin and others. *Vop. virus.* 10 no. 2:225-228 Mr.-Ap '65.
- ENCEPHALOMYELITIS—MICROBIOLOGY**
Dynamics of the reproduction of viruses of equine Venezuelan encephalitis in tissue culture. F. I. Ershov, V. A. Vagzhanova. *Vop. virus.* 10 no. 2:170-181 Mr.-Ap '65
- ENCYCLOPEDIAS AND DICTIONARIES**
[Encyclopedic dictionary] *Entsiklopedicheskii slovar'*. Glav. red. B. A. Vvedenskiĭ. [Novoe izd. Moskva] Sovetskaya Entsiklopediia [1963-1964] 2 v., illus., maps. (NIC)
- ENDOCARDITIS**
Subarachnoid hemorrhages as a result of the rupture of an aneurysm of the vessels of the base of the brain in hypertension and endocarditis. Z. I. A. Elezskina. *Sbor. nauch. trud. TsahGMI* 22:72-82 '62.
- ENDOCRINOLOGY**
Role of some endocrine and metabolic disorders in the pathogenesis and treatment of lupus erythematosus. O. M. Filogova and others. *Vest. dermat. i ven.* no. 3:11-16 '65.
- ENDOCRINOLOGY—CONGRESSES**
Symposium on the formation of endocrine functions in ontogeny. E. Pavlov, I. U. Skobeltseva, T. Sakhatkale. *Usp. sov. biol.* 60 no. 2:316-319 S-O '65.
- ENDOMETRIOSIS**
Materials for the study of endometrioid cysts of the ovaries. G. P. Men'shikova. *Akush. i gign.* no. 11:73-130 '65.
- ENDOMYCE**
Effect of antibiotics, neutralizing protein synthesis, on the reserve of free amino acids in cells of *Endomyces magnusii*. L. A. Shevchenko, A. T. Novichkova. *Mikrobiologiya* 34 no. 5:757-762 S-O '65.
- ENDOTHELIUM**
Growth and transformations of the vascular endothelium in rabbits in tissue culture. N. A. Kolesnikova. *Arkh. anat., gist. i embriol.* 40 no. 7:47-54 J1 '65.
- ENDOXAN**
Clinical use of high single doses of sarcosylase and endoxan (cyclophosphane). A. M. Gorin and others. *Vop. onk.* 11 no. 10:3-9 '65
- ENEMA**
Comparative evaluation of various methods of gastric lavage with "Yessentuki" No. 4 mineral water in chronic gastritis. E. M. Zaitseva and others. *Sbor. nauch. rab. viach. san.-kur. uchr. profsoyuzov* no. 1:79-83 '64.
Results of the treatment of chronic colitis of infectious etiology by means of siphon lavage of the intestine with hypotonic solution of Tumbukan mud. M. F. Fedarova and others. *Sbor. nauch. rab. viach. san.-kur. uchr. profsoyuzov* no. 1:135-139 '64.
- ENERGY METABOLISM**
Energy metabolism in human thrombocytes under normal conditions. In polycythemia and chronic myelosis. V. A. Egorova, A. I. Blinova, I. I. Seleznev. *Vop. med. khim.* 11 no. 1:35-41 Ja-F '65.
Some problems of the energy of lithotrophic organisms. N. G. Doman, G. V. Tikhonova. *Usp. sov. biol.* 60 no. 2:230-250 S-O '65.
- ENGELGARDT, VLADIMIR ALEKSANDROVICH, 1894-**
Outstanding scientist and biologist; 70th birthday of Academician V. A. Engelgardt. *Priroda* 54 no. 2:54-55 F '65.
V. A. Engelgardt; on his 70th birthday. *Vop. med. khim.* 11 no. 1:104-107 Ja-F '65
- ENGELS FAMILY**
Children in the Marx and Engels families. K. Seleznev. *Doshk. vosp.* 38 no. 7:5-10 J1 '65.
- ENGINEERING GEOLOGY**
(see also subdivision under Irkutsk Province)
Experimental study of deformations in the Cambrian clay strata in the construction of the new type stations of the Leningrad subway. I. U. A. Limanov. *Sbor. trud. LIZHT* no. 202:16-20 '63.
- ENGINEERING MODELS**
Measuring instruments and methodology of stress measurement in models of subway station lining and rocks for modeling with the method of equivalent materials. L. I. Larionov. *Sbor. trud. LIZHT* no. 202:39-43 '63.
Modeling the construction of the new type stations of the Leningrad subway. V. V. Putalin. *Sbor. trud. LIZHT* no. 202:27-33 '63.
Using the method of equivalent materials in studying the static work of structures in the new type stations of the Leningrad subway. I. U. A. Limanov. *Sbor. trud. LIZHT* no. 202:21-26 '63.
- ENGINEERING STANDARDS** see Standards, Engineering
- ENGINEERING TOLERANCES** see Tolerance (Engineering)
- ENGINEERS**
Selecting a profession. *NIO* 7 no. 10:56-60 O '65.
- ENGLAND** see Great Britain
- ENGLISH LANGUAGE—CONVERSATION AND PHRASE BOOKS—RUSSIAN**
Serafimova, M. A. [Conversational formulas, aid for pedagogical institutes] *Razgovornye formuly posobie dlia pedagogicheskikh institutov*. Izd. 2, ispr. Moskva, Prosveshchenie, 1965. 117 p. (Razgovornyi angliiskii iazyk) (NIC)
- ENGLISH LANGUAGE—DICTIONARIES—RUSSIAN**
Andrianov, S. N., and A. S. Nikiforov. [English-Russian dictionary] *Anglo-russkii slovar'*. Moskva, Mezhdunarodnye otnosheniia, 1964. 340 p. (ICU)
Katyshchev, I. V., D. L. Novikov, and E. A. Polukhov. comps. [English-Russian dictionary on charged particle accelerators] *Anglo-russkii slovar' po uskoriteliam zaryazhennykh chastits*. Pod red. V. P. Dmitrievskogo. Moskva, Sovetskaya entsiklopediia, 1965. 323 p.
Rokitskii, P. F. [English-Russian biological dictionary] *Anglo-russkii biologicheskii slovar'*. Izd. 2 Moskva, Sovetskaya Entsiklopediia, 1965. 680 p. (DNA)
- Russian-English, English-Russian Dictionary**. Edited by O. S. Akhmanova, Baltimore, Oxford-Helm Publishers, Inc., c 1960. 588 p.
- ENGLISH LANGUAGE—TECHNICAL ENGLISH**
Pumplanskii, A. L. [Manual on the translation of scientific and technical literature into English] *Posobie po perevodu nauchnoi i tekhnicheskoi literatury na angliiskii iazyk*. Moskva, Nauka, 1965. 541 p.
- ENGLISH LANGUAGE—TEXTBOOKS FOR FOREIGNERS**
Dikson, R. R. *Govorite po-angliiski*. English as we speak II—2. Izd. Moskva, Izd. lit-ry na inosti. Iazykakh, 1963. 237 p. (GEU)
- ENGLISH LANGUAGE—TRANSLATING**
Pumplanskii, A. L. [Manual on the translation of scientific and technical literature into English] *Posobie po perevodu nauchnoi i tekhnicheskoi literatury na angliiskii iazyk*. Moskva, Nauka, 1965. 541 p.
- ENGLISH LITERATURE—HISTORY AND CRITICISM**
English criticism today. V. Zakharov. *Vop. lit.* 9 no. 10:130-138 O '65
- ENGRAVING**
Constant factors in the etching of copper by solutions of ferric chloride. A. Emdin. *Polygrafia* no. 8:10-12 Ag '65.
- ENSILAGE** see Silage
- ENTEROBACTERIACEAE—CULTURES AND CULTURE MEDIA**
Comparative study of the "filamentous" polysaccharide-containing fraction of alkali-forming enterobacteria. H. M. Lashchuk. *Mikrobiol. zhur.* 27 no. 5:3-7 '65
- ENTEROTOXEMIA OF SHEEP** see Pulpy kidney disease of lambs
- ENTHALPY**
Measurement of cerium enthalpy at temperatures from 1280 to 1873°K. E. I. Danashev and others. *Izv. AN SSSR, Neorg. mat.* 1 no. 5:698-701 My '65.
- ENTIRE FUNCTIONS** see Functions, Entire
- ENTOBACTERIN**
Chloroform and entobacterin for vegetable crops. L. Efimova. *Zashch. rast. ot vred. i boi.* 10 no. 7:15-16 '65
- ENTROPY**
Entropy changes during hydration of monatomic ions. G. A. Krestov. *Teoret. i ekspos. khim.* 1 no. 4:179-187 '65.
- ENZYMES**
Change in the enzymic activity of sarcoplasmic proteins of heart muscle in experimental myocardial infarction. I. I. Ivanov and others. *Ukr. biokhim. zhur.* 37 no. 5:712-720 '65.
Changes in the enzymatic activity of gleyey-turf soils as related to reclamation. I. S. Lupinovich, V. I. Akushova. *Vestsi AN BSSR, Ser. sel'sk. nav.* no. 3:23-25 '65.
Enzymatic transformations of nicotinamide dehydrogenase in extracts of normal skeletal muscles and in their denervation. V. I. Telcponova, I. V. Isneva. *Vop. med. khim.* 11 no. 2:36-41 Mr.-Ap '65.
Induced synthesis of enzymes in the leaves of semi-immersed plants. B. A. Rubin, L. N. Loginova. *Fiziol. rast.* 12 no. 3:386-388 My-Je '65.
Mechanism of the "linkage" of enzymes through the outer membrane of tumor cells. S. A. Neifakh, I. M. Vasilets. *Tsitologia* 7 no. 3:347-358 My-Je '65.
Photochemical and electron microscopic study of the effect of enzymes on the bacterial cell. L. N. Kats, I. D. Pavlova. *Mikrobiologiya* 34 no. 5:845-849 S-O '65.
- EOSINOPHILS**
Pathogenesis and clinical importance of eosinophilic reaction in patients with cancer of the breast in the process of treatment. M. D. Donakof, V. K. Polenko. *Vop. onk.* 11 no. 10:33-39 '65.
Variations of the absolute quantity of eosinophils in connection with seasons and solar activity. E. M. Volnogradskii. *Nek. vop. klim. i kraev. pat.* no. 3:37-41 '63.
- EPIC POETRY—HISTORY AND CRITICISM**
A. A. Shakhmatov on the "Lay of the host of Igor." N. K. Gudzil. *Izv. AN SSSR, Ser. lit. i iz.* 24 no. 1:3-6 Ja-F '65.
- EPIDEMIC HEPATITIS** see Hepatitis, Infectious
- EPIDEMIOLOGY**
Epidemiologic significance of migration during the summer months in large populated centers. I. M. Anshelov, N. A. Korovina, V. A. Sapozhnikova. *Trudy Len. inst. epid. i mikrobiol.* 24:84-92 '63.
Epidemiological characteristics of dysentery during a downward curve of the incidence in a large populated center. I. M. Anshelov and others. *Trudy Len. inst. epid. i mikrobiol.* 24:15-53 '63.
Group incidence of alopecia areata. I. N. Vinokurov, M. I. Liberman. *Vest. dermat. i ven.* no. 1:82-83 '65.
Study of some aspects of dysentery by means of qualitative microbiologic research. T. A. Avdeeva. *Trudy Len. inst. epid. i mikrobiol.* 24:93-112 '63

EPIDEMIOLOGY—BIBLIOGRAPHY see Bibliography—epidemiology

EPILEPSY

- Clinical aspects of chronic epileptic psychoses. G. A. Safonov. Trudy Vor med inst 51 151-157 '63
- Clinical aspects of epileptic aura. E. P. Aderikhina. Trudy Vor med inst 51 161-166 '63
- Clinical statistical materials on the incidence of epilepsies. A. P. Bogatinskaya. Trudy Vor med inst. 51 131-137 '63
- Differential-diagnostic significance of pneumoencephalography in epilepsy. A. P. Bogatinskaya. Trudy Vor med inst. 51 138-146 '63
- Epileptic delirium. I. F. Milagov. Trudy Vor med inst 51 147-150 '63
- Epileptic seizures as manifestations of hypertensive cerebral crises. F. S. Prokhorova. Zhur. nevrop. i psikh. 65 no. 10 1461-1465 '65
- Study of the psychotropic preparation VL-2 on a model of autogenic epilepsy. A. F. Semiozhina, D. D. Ivanov, A. N. Golubitsa. Nauch. dokl. vys. shkoly, biol. nauk 4 no. 4 71-73 '65
- Thalamotomy in the treatment of "post-epileptic" epilepsy. D. G. Shifan, L. N. Kravtsov. Vop. neirokhir. no. 1 8-11 '65
- Treatment of epilepsies with aminazine combined with luminal. G. A. Safonov. Trudy Vor med inst. 51 158-160 '63
- EPISTEMIUM, FOSSIL see subdivision under Aphelionisk region (Krasnodar Territory)

EPITHELIUM

Changes in the intestinal epithelium of salmon (*Salmo salar* L.) during the spawning period. N. E. Vasil'eva, M. N. Melnikova. Nauch. dokl. vys. shkoly, biol. nauk 4 no. 4 32-35 '65

EPOXY COMPOUNDS

Glass plastics based on an epoxy furylacrolideneaminoethanol binder. I. V. Kamenskii, F. V. Mamedov, I. U. A. Korol'ko. Plast. massy no. 10 14-15 '65

Measurement of the viscosity of epoxide compounds. L. N. Chugunov, A. F. Gikis. Izv. vys. ucheb. zav., elektromekh. 8 no. 8 949-951 '65

EPOXY COMPOUNDS—THERMAL PROPERTIES

Epoxy compound with increased heat resistance. F. N. Khristaleva, M. A. Golubenko. Plast. massy no. 10 8-11 '65

EPOXY RESINS

Adhesion of epoxy resins to glass wool. L. I. Golubenko, A. M. Demet'eva. Plast. massy no. 10 35-36 '65

Blaklan, E. M., and others. [Epoxy resins based on polyhydric alcohols and their use]. Epoksidnye smoly na osnovu mnogatomnykh spirtov i ikh primeneniye. Leningrad, 1965. 28 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt Seriya Sinteticheskie materialy i oblasti ikh primeneniia)

Color waterproofing of coating towers on the basis of epoxy resin varnishes and paints. V. I. Safronchik. Izv. VNIIG 76 333-344 '64

Givris, E. M., and others. [ED-5, ED-6, ED-P, ED-L type diene epoxy resins, general data]. Dianovye epoksidnye smoly markov ED-5, ED-6, ED-P, ED-L, obshchie svedeniia. Leningrad. Pt. 2. 1965. 33 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt Seriya Sinteticheskie materialy i oblasti ikh primeneniia)

Use of epoxy resins in the assembly and repair of sanitary engineering equipment and pipelines. Zhur. i kom. khoz. 16 no. 9 28 S '65

EQUALITY

Kurylev, A. K., and F. I. Hushchenko. [Toward complete social equality]. K polnomu sotsial'nomu ravenstvu. Moskva, Znaniye, 1965. 39 p. (Novoe zhizni, nauke, tekhnike. II Seriya Filosofiya, no. 21)

EQUATIONS

Analytical equation of states for the rectification process of nonideal binary mixtures. I. U. Alekseev. Izv. vys. ucheb. zav., pishch. tekhn. no. 5 154-160 '65

Inertial pressure in the Bernoulli equation and the elastic hydraulic impact. N. A. Kurtyvel'shchii. Izv. VNIIG 76 137-146 '64

Inverse matrices in three-member systems of equations. K. Bol'dzhev. Issl. pot. i soob. no. 14 253-258 '63

Nomographic method of determining zero approximations in solving a system of transcendental equations. S. N. Borisov, D. G. Lapteva. Nom. sbor. no. 3 7-15 '65

Preliminary study of normal equation matrices. I. U. V. Mokhov. Izv. vys. ucheb. zav., geod. i aerof. no. 2 67-79 '65

EQUATIONS, LINEAR see Linear equations

EQUILIBRIUM

Peculiarities for the concept of equilibrium stability in the sense of Liapunov for systems with an infinite number of degrees of freedom. A. M. Shobodin. Izv. AN SSSR, Mekh. no. 5 38-48 S '65

EQUIVALENT CIRCUITS

Equivalent circuit of a transistor diode for the calculation of transient processes. A. A. Lotin, F. N. Shaban'. [Feng Hsi-shan]. Trudy MLU 51 165-176 '65

Equivalent circuits for passive 2n-terminal networks. G. D. Akopdzhanyan. Izv. vys. ucheb. zav., elektromekh. 8 no. 8 819-853 '65

Equivalent circuits of electrical networks with thermistors. V. N. Stanishevskii, V. A. Palagin. Izv. vys. ucheb. zav., energ. 8 no. 9 97-100 S '65

Reducing the problem of computing circuits with multiple terminal output to a form convenient for computation with electronic digital computers. F. A. Zhitinov, F. I. Tekh. i obsl. avt. i. pol. i. kop. no. 1 60-66 '65

Study of the nonlinear characteristics of a complete equivalent circuit of a tunnel diode. V. A. Malyshev. Radiotekhnika i elektronika. 10 no. 10 1814-1823 O '65

ERBIUM COMPOUNDS

Yttrium and erbium formates and their properties. V. F. Plushchev and others. Zhur. obshch. khim. 35 no. 10 1783-1790 O '65

EREMIN, DMITRII

End of a hideaway. I. Iudmila Ivanova, Otkrytiye 42 no. 10 212-213 O '65

ERMOTHECIUM—CULTURES AND CULTURE MEDIA

Preservation of Eremothecium ashyi in active state. M. G. Golyaeva and others. Mikrobiologiya 34 no. 1 661-665. JI-Ag '65

ERGOSTEROL

Isolation of ergosterol from the mycelium of *Dendrodium toxicum*. A. O. Mykhailovna, I. S. Seidiuk, S. N. Khaichenko. Mikrobiol. zhur. 26 no. 4 60-62 '64

ERGOT ALKALOIDS

Fluorescent method for the separate determination of ergot alkaloids and tryptophan. A. N. Kost and others. Zhur. anal. khim. 20 no. 8 845-849 '65

Production of classical ergot alkaloids by the saprophytic *Claviceps purpurea* Tul. culture. A. I. Shalagina and others. Mikrobiologiya 34 no. 5 901-901 S-O '65

ERIVAN—ALUMINUM INDUSTRY—PRODUCTION STANDARDS

Great deeds of workers at the Erivan Aluminum Plant. Z. Kostandian. Prom. Arm. 8 no. 8 13-14 Ag '65

ERIVAN—CANNERY WORKERS

Our foremost workers. S. G. Agabalian. Kons. i ov. prom. 20 no. 7 15-17 JI '65

ERIVAN—KNIT GOODS INDUSTRY—TECHNOLOGICAL INNOVATIONS

Innovators at the Erivan Sewn-Knit Glove Factory. P. Shikakova. Prom. Arm. 8 no. 8 34-35 Ag '61

ERIVAN—SILK MANUFACTURE—TECHNOLOGICAL INNOVATIONS

Promoting quality. G. Agabalian. Prom. Arm. 8 no. 7 33-35 JI '65

ERIVAN—WOOLEN AND WORSTED MANUFACTURE

Bring out the Erivan Worsted Fabrics Works from the deep breakdown. A. Badalian. Prom. Arm. 8 no. 8 11-12 Ag '65

ERMINE MOTHS—PARASITES see Parasites—Ermine moths

EROSION

(see also subdivision under Kishchay Valley; Moldavia)

Calculating the general erosion of a fine-sand bed taking into consideration the deformations of banks. V. A. Skrylnikov. Izv. AN Uz. SSR, Ser. tekhn. nauk 9 no. 5; 59 [i.e. 64]-70 '65

Effect of stream aeration on the depth of local erosion. M. S. Vyazo, A. Nabiev. Izv. AN Uz. SSR, Ser. tekhn. nauk 9 no. 4 57-60 '65

Experimental studies of some principles of current motion in curves and of a velocity rate nonerosive for loose soils. T. A. Ambroladze. Soob. AN Gruz. SSR 39 no. 3 655-658 S '65

EROSION CONTROL see Soil conservation

ERROR-CORRECTING CODES (INFORMATION THEORY)

Multiple-step error-correcting codes with simple construction of decoder circuits. F. A. Kutkov. Avtom. i telem. 26 no. 10 1793-1799 O '65

ERRORS, THEORY OF

Boi'shakov, V. D. [Theory of errors of observation and the fundamentals of the theory of probability. Teoriya oshibok nabludenii i osnovnyi teorii verolatsionel. Moskva, Nedra, 1965. 183 p.

Calculating rounding-off errors. V. N. Ganshin, N. A. Sporyukhova. Izv. vys. ucheb. zav., geod. i aerof. no. 2 51-58 '65

Certain sources of errors in using radio geodimeter of the tellurometer type. E. B. Kilushin. Izv. vys. ucheb. zav., geod. i aerof. no. 2 50-55 '65

Evaluation of the precision of survey measurements by errors of closure in conditional equations. I. U. V. Koshitsa. Izv. vys. ucheb. zav., geod. i aerof. no. 2 3-12 '65

Labor-consuming character of the search for and correction of errors in calculations. V. N. Godeev. Vych. i org. tekhn. i stroit. i. proekt. no. 2 55-66 '61

Permissible closing errors in polar conditions. B. I. Nikiforov, S. I. Zupanskii. Izv. vys. ucheb. zav., geod. i aerof. no. 2 41-52 '65

ERYTHROCYTES—CULTURES AND CULTURE MEDIA

Methods for isolating a pure culture of the pathogen of avian erythrocytes. V. M. Novikov. Veterinar. zhur. 42 no. 10 101-102 O '65

ERYTHREMIA

Energy metabolism in human thrombocytes under normal conditions, in polycythemia and chronic myeloid leukemia. V. A. Tigorova, A. I. Blinnova, L. I. Selezneva. Vop. med. khim. 11 no. 1 35-41 Ja-J '65

Sulfonamide bullous erythema stimulating Stevens-Johnson syndrome. S. A. Tselidze, T. G. Tselidze, R. M. Vil'shteyn. Arkh. pat. no. 10 16-50 '64

ERYTHROBLASTOSIS FETALIS

Anamnestic reaction in Rhesus immunization. A. M. Koroleva. Akush. i gin. no. 2 27-30 '65

ERYTHROCYTES

Correlation of erythrocyte and plasma in the circulating blood during indirect cardiac massage. I. F. Borevich. Biol. eksp. biol. i med. 60 no. 9 45-38 S '65

Duration of the life of erythrocyte in liver cirrhosis: a study by means of C⁵¹. E. N. Moshina. Med. rad. 10 no. 9 57-62 S '65

Effect of erythrocytes on blood coagulability. B. I. Kaznik. Probl. gemat. i perek. krovi no. 1 10-16 '65

Glycolytic processes in washed out erythrocytes and the effect of sodium lactate on them. T. I. Novikova-Dantsiger. Gemat. i perek. krovi 1 65-66 '65

Separation, partial purification, and some properties of acetylcholinesterase from erythrocytes of cattle. B. I. Pavlov. Biokhimiya 30 no. 5 980-985 S-O '65

Survival of erythrocytes in anemia caused by renal insufficiency, a study by means of the Cr⁵¹ method. F. N. Meshine. Med. rad. 10 no. 9 54-57 S '65

Use of C⁵¹ for the study of erythrocyte survival in character of the stomach. A. Z. Tsifman, I. N. Meshine. Med. rad. 10 no. 9 50-54 S '65

ERYTHROCYTES—CONGRESSES

International Symposium on the Structure and Functions of Erythrocytes in Berlin (German Democratic Republic). N. Chernik. Vop. med. khim. 11 no. 2 106-108 Ma-Ap '65

ERYTHROMYCIN—PHYSIOLOGICAL EFFECT

Stimulating effect of erythromycin on the development of chick embryo. N. E. Klimova. Antibiotiki no. 3 225-227 '65

ESCHERICHIA COLI

Colibacillosis in Adelta. A. M. Begik, I. G. Melnikova. Sb. nauch. rab. v. i. ch. san.-kuz. i uchr. prof. med. no. 1 140-143 '64

Quinoxaline monophosphate-synthetase reaction of *E. coli*. S. R. M. Dandlov, L. M. Iarovna. Ukr. biokh. zhur. 37 no. 5 751-760 '65

Hemolytic *Escherichia coli* in adenoma disease of young pigs. M. N. Fomchev. Veterinar. zhur. 42 no. 10 100-102 O '65

Study of the sensitivity of enteropathogenic *coli* bacilli to antibiotics in vitro. V. D. Solov'eva. Antibiotiki no. 3 250-261 '65

Use of an accelerated method in laboratory diagnosis of colenteritis. R. G. Salakala. Lab. delo no. 10 684-693 '65

Variability of enteropathogenic *coli* bacilli under the influence of some antibiotics. B. M. Ivoretikhin. Antibiotiki no. 3 202-203 '65

ESCHERICHIA COLI—CULTURES AND CULTURE MEDIA

Antigenic characteristics and antigenic structure of polysaccharide-containing complexes of enteropathogenic and nonpathogenic strains of *Escherichia coli*. B. V. Drobt'ko-Afonina, I. A. Zakharenko. Mikrobiol. zhur. 26 no. 4 3-9 '64

Characteristics of *Escherichia coli* K12 mutants with impaired tyrosine acid catabolizing system. S. I. Alkhanov and others. Mikrobiologiya 31 no. 4 666-675 JI-Ag '65

Genetic mapping of thymine-dependent mutants of *Escherichia coli* K-12. V. V. Sukhodolova, T. S. Ushina, S. I. Alkhanov. Genetika no. 1 78-88 '65

Genetic study of the transmission of life markers to recombinants in the life of crosses of *Escherichia coli* K-12. V. V. Sukhodolova. Genetika no. 2 27-38 Ag '65

Lysogenosis of *Escherichia coli* 000 and SK strains, bacterial hosts for ϕ phage. R. A. Belykh, A. S. Kiviatik. Mikrobiologiya 34 no. 5 820-827 S-O '65

4017

- ETHYLENE SULFIDE**
Addition of ethyl- and phenylchlorophosphines to alkyl sulfides. O. N. Kuretdinov, Izv. AN SSSR, Ser. Khim. no. 10 1991-1992 '65.
- ETHYLENEDIAMINE**
Etiolamine complexes of tetravalent palladium of the tetraamine type. A. V. Babitsky, F. I. A. Khamanova, Dokl. AN SSSR 164 no. 4 807-808 O '65.
- ETHYLENIMINE**
Mutagenic effect of ethylenimine in a series of cell generators. P. N. Sidoro, N. V. Sokolov, V. S. Andreev, Geretska no. 112-123 '65.
Synthesis and catalytic hydrogenation of 2-phenylethylenimine. S. V. Zoto, G. V. Loza, M. I. U. Lukina, Dokl. AN SSSR 164 no. 6 1303-1305 O '65.
- ETHYLENIMINE—EFFECT ON PLANTS** see Plants, Effect of ethylenimine on
- EURASIA—METEOROLOGY**
Characteristics of meteorological processes in the region of the Far East and the interrelationship between the meteorological conditions of Eurasia and the Pacific Ocean. I. R. Stukhin, Trudy GGO no. 181 84-91 '65.
- EUROPE, EASTERN—BONUS SYSTEM**
The bonus system in the enterprises of some European socialist countries. M. Leptin, Sots. trud. 10 no. 10 127-135 '65.
- EUROPE, EASTERN—CHEMICAL INDUSTRIES**
Chemical industry in the countries of the Mutual Economic Cooperation Council. N. Titov, M. Garbar, Mezh. dunar. zhizn' 12 no. 11, 140-143 N '65.
- EUROPE, EASTERN—COMMERCE**
Economic efficiency of the foreign trade of socialist countries. G. Shagolov, Vop. ekon. no. 6, 89-99 Je '65.
- EUROPE, EASTERN—CONSTRUCTION INDUSTRY—PRODUCTION METHODS**
Exchange of scientific achievements and progressive practice. V. P. Zolov, S. Solov'ev, Ekon. stroit. no. 10 59-61 O '65.
- EUROPE, EASTERN—DIVISION OF LABOR**
Bogomolov, O. T., ed. [Economic efficiency of the international socialist division of labor, methodological problems.] Ekonomicheskaya effektivnost' mezhnatsionalnogo sotsialisticheskogo razdeleniya truda, voprosy metodologii. Moskva, Ekonomika, 1965. 288 p.
- EUROPE, EASTERN—FREIGHT AND FREIGHTAGE—COSTS**
Ways of reducing transportation expenditures in the system of international socialist division of labor. A. Barikovskii, B. Gorizontov, Plan. khoz. 42 no. 11 67-71 N '65.
- EUROPE, EASTERN—INDUSTRIES**
On the path of economic improvement. M. Bulash, Ekon. Rid. Ukr. 8 no. 5 82-86 My '65.
- EUROPE, EASTERN—MACHINE ACCOUNTING—CONGRESSES**
Conference of the Permanent Working Group on the Mechanization of Accounting and Statistics of Permanent Committee on Statistics of the COMECON. D. V. Vest. stat. no. 10 87-88 '65.
- EUROPE, EASTERN—OFFICE EQUIPMENT AND SUPPLIES—EXHIBITIONS**
Mechanization of engineering and managerial work. A. Band, A. Samoshin, Vneshtorg. 45 no. 10 40-41 '65.
- EUROPE, EASTERN—PHILOSOPHY—PERIODICALS**
Conference of the editors of philosophical journals of the European socialist countries. Nauch. dokl. vs. shkoly, filos. nauk 8 no. 5 120-130 '65.
- EUROPE, EASTERN—WORLD WAR, 1939-1945**
Semiraga, M. I. [Anti-Fascist national uprisings; studies.] Antifashistskie narodnye vosstaniya; ocherki. Moskva, Nauka, 1965. 285 p. (Nauchno-populjarnaya seriya).
- EUROPE, WESTERN—DESCRIPTION AND TRAVEL**
Europe without gentlemen (to be continued). Viktor Maevskii, Oktinbr' 42 no. 10, 180-193 O '65.
- EUROPE, WESTERN—FOREIGN ECONOMIC RELATIONS—UNDERDEVELOPED AREAS**
Mother countries without colonies. Mir, ekon. i mezhdunar. otn. no. 11, 88-97 '65.
- EUROPE, WESTERN—FOREIGN RELATIONS**
Western Europe and modern capitalism. Mir, ekon. i mezhdunar. otn. no. 11, 27-40 '65.
- EUROPE, WESTERN—INVESTMENTS, AMERICAN**
Struggle of American and West European monopoly interests. A. Vladimirov, Vneshtorg. 45 no. 10 44-45 '65.
- EUROPE, WESTERN—LABOR AND LABORING CLASSES**
Western Europe and modern capitalism. Mir, ekon. i mezhdunar. otn. no. 11, 27-40 '65.
- EUROPEAN COMMON MARKET** see European Economic Community
- EUROPEAN ECONOMIC COMMUNITY**
Europe without gentlemen (to be continued). Viktor Maevskii, Oktinbr' 42 no. 10, 180-193 O '65.
The "Seven" and the split in Western Europe. O. Timashkova, E. Khesin, Mezh. dunar. zhizn' 12 no. 11, 19-29 N '65.
The stalemate. L. Sedin, Nov. vrem. 23 no. 15, 10-19 N '65.
- EUROPEAN ECONOMIC COMMUNITY COUNTRIES—CHEMICAL INDUSTRIES**
Lyovskaya, I. I. [Competitive struggle of chemical monopolies on the European Economic Community market.] Konkurentnaya bor'ba khimicheskikh monopolii na rynke EES. Moskva, 1965. 85 p. (Bulleten' inostrannoi kommercheskoj informatsii, pillozhnie, no. 19).
- EUROPEAN ECONOMIC COMMUNITY COUNTRIES—COMMERCE—GREECE**
What did Greece get out of joining the "Common Market"? V. Popov, Vneshtorg. 45 no. 10, 30-33 '65.
- EUROPEAN ECONOMIC COMMUNITY COUNTRIES—FINANCE**
Financial contradictions of the "Common Market." M. Chumakov, Fin. SSSR 39 no. 10 86-91 O '65.
- EUROPEAN ECONOMIC COMMUNITY COUNTRIES—GRAIN TRADE**
Vasil'eva, E. V. [The European Economic Community and the grain market.] Evropejskoe ekonomicheskoe soobshchestvo i rynek zernovykh. Moskva, 1965. 43 p. (Bulleten' inostrannoi kommercheskoj informatsii, prilozhenie, no. 18).
- EUROPEAN FREE TRADE ASSOCIATION**
The "Seven" and the split in Western Europe. O. Timashkova, E. Khesin, Mezh. dunar. zhizn' 12 no. 11, 19-29 N '65.
- EUROPEAN WAR, 1914-1918** see subdivision under Ukraine, Ukraine, Western;
- EUROPIUM—METALLURGY**
Lanthanum and cerium thermal reduction of europium oxide. G. G. Gvozdanski, Sh. M. Bazarashvili, Soob. AN Gruz. SSR 39 no. 3, 660-674 S '65.
- EUROPIUM COMPOUNDS—SPECTRA**
Splitting of bands in the absorption spectra of neodymium and europium in the ligand field during complex formation. T. V. Teronova, N. A. Kostromina, Zhur. neorg. khim. 10 no. 9, 2023-2029 S '65.
- EURYASTERS**
Economic significance of damages caused by the shield bug Euryaster integripes Fuls. to winter wheat grain. F. N. Erodeva, Trudy VIZR no. 20 pt. 1, 65-60 '64.
- EVAPORATING APPLIANCES**
Heat transfer during the boiling of fruit juices in film apparatus. I. M. Anashin, A. M. Molesev, Izv. vys. ucheb. zav., pishch. tekhn. no. 5, 161-185 '65.
Heat transfer during the heating of molasses stillage. S. M. Konstantinov, G. S. Demeljuk, Izv. vys. ucheb. zav., pishch. tekhn. no. 5, 165-188 '65.
- EVAPORATING APPLIANCES—CLEANING**
Evaporating appliance cleaning and the prevention of gypsum formation during the cooling of electrolytes. N. I. Reshetnikov, TSvet. met. 38 no. 6, 39-41 Je '65.
- EVAPORATION**
Vapor composition over rhenium oxides. G. A. Semenov, K. V. Ovchinnikov, Zhur. ob. khim. 35 no. 9, 1517-1521 S '65.
- EVAPORATION (METEOROLOGY)**
(see also subdivision under Kengir Reservoir)
Evaporation from forest and field in years different in humidification. S. F. Fedorov, Trudy GGI no. 123-22-35 '65.
Improvement of the methodology of observations and calculations of evaporation from farm fields on the basis of the theory of stratification of convective exchange. A. K. Kontorschikov, Trudy TSIF no. 145, 100-114 '65.
Water loss to evaporation from fields planted with beens. B. A. Pomytkin, Trudy GGI no. 123, 36-47 '65.
- EVENING AND CONTINUATION SCHOOLS**
(see also subdivision under Latvia; Turkmenistan)
Can we overcome our difficulties? K. E. Vainshtainer, Vech. sred. shkola 8 no. 5, 70-71 S-O '65.
Combining training with productive work. G. K. Selevko, Vech. sred. shkola 8 no. 5, 67-69 S-O '65.
Evening schools and their problems. V. A. Polnikov, Vech. sred. shkola 8 no. 5, 75-79 S-O '65.
- Questions and answers. G. N. Abramkin, Vech. sred. shkola 8 no. 5, 85-89 S-O '65.
Schools for foremen, their results and potentialities. A. Atkinson, Vech. sred. shkola 8 no. 10, 11-12 O '65.
What do we want our school to be? L. I. Evchenko, Vech. sred. shkola 8 no. 5, 73-74 S-O '65.
What might an evening school be like? P. A. Lutsenko, Vech. sred. shkola 8 no. 5, 78-81 S-O '65.
- EVIDENCE, CRIMINAL**
(see also subdivision under Ukraine)
Facts dispensed from evidence in criminal procedure. V. D. Aksenov, Izv. vys. uch. zav., pishch. tekhn. no. 5, 104 '65.
The rule on the necessity of proof of a presumption of truth in Soviet criminal procedure. I. P. Kuznetsov, Sov. iust. 29 no. 18, 3-8 S '65.
- EVIDENCE, EXPERT** see subdivision under Moscow Province; Ukraine
- EVIDENCE, PRESUMPTIVE** see Presumptions (Law)
- EVOLUTION**
Origin and main stages of the evolution of A. thymus. Report No. 1. From amoeba to a thymocyte. A. G. Shatov, Zool. zhur. 44 no. 6, 610-617 '65.
- EXCAVATING MACHINERY**
(see also subdivision under Germany, East)
Analyzing the causes of a premature breakdown of the differential of running gear of the T-30 excavator. E. G. Zaitsev, N. V. Zakharenov, A. A. Kozlov, Stroitel. mash. 10 no. 10, 20-21 O '65.
Dynamic digging of heavy soils. V. V. Belitskiy, Izv. vys. uch. zav., mashinost. no. 5, 111-117 '65.
An efficient planning of the work of excavating machinery in the flowchart of mining operations without hydraulic. N. Z. Gormash, Gor. zhur. no. 8, 12-15 Ag '65.
Engineering methods for the determination of parameters of the motor wheel of an excavator. A. V. Ivanov, Stroitel. mash. 10 no. 10, 21-24 O '65.
Experimental investigation of cutting conditions of heavy grounds with an earth-digging machine. O. I. Aliev, I. G. Banov, P. F. Zolinger, Stroitel. mash. 10 no. 6, 1-4 S '65.
Improving the performance of wheel-type excavators in cutting frozen ground. M. A. Dvornikova, Stroitel. mash. 10 no. 6, 7 S '65.
Increasing the durability of the running gear mechanism of universal excavators. G. M. Kozlov, A. A. Chelakov, Stroitel. mash. 10 no. 10, 25-26 O '65.
Methods of selecting the parameters of working force of automatic programming control of a rotary excavator. I. A. Churnov, B. I. Aleinikov, Nauch. soob. KH 24, 91-91 '65.
Mining of open-pit side sections with heavy rotary excavators using the conveyor-belt type of rotary excavator system. A. F. Kostov, Nauch. soob. KH 24, 96-96 '65.
Parameters and technology of the operation of rotary top and bottom scooping excavators in iron ore mines in Kurnk Magnetic Anomaly. V. S. Moshnikov, V. S. Petrov, Nauch. soob. KH 24, 99-100 '65.
The PE-0, 8 loader and excavator. V. Bogdanov, A. P. Guchov, Tekhn. i mashinost. 25 no. 8, 13-15 Je '65.
Possibility of increasing the efficiency of excavating machines in strip mining. D. I. Fedorov, A. A. Fedorov, Fiz. i tekhn. probl. razrab. i izob. no. 1, 3-6 '65.
Technical and economic efficiency of automatically controlled high-capacity rotary bucket excavators. A. A. Belash, G. I. Aniskin, N. N. Volkov, Met. i gorn. mash. no. 4, 60-60 Ji-Ag '65.
- EXCAVATING MACHINERY—BRAKES**
Hydraulic drive of a crawler tread locking mechanism. G. A. Rybenko, Stroitel. mash. 10 no. 10, 20-21 O '65.
- EXCAVATING MACHINERY—COLD WEATHER OPERATION** see subdivision under Cherkesskaya Region (Krasnodar Province); Noril'sk region (Krasnoyarsk Territory)
- EXCAVATING MACHINERY—DESIGN AND CONSTRUCTION**
Determining the length of the jib of a rotary excavator with increased shearing force. V. I. Konyev, Nauch. soob. IGD 24, 73-84 '65.
Improvement of G131 steel parts. P. P. Parashuk, Gor. zhur. no. 8, 73 Ag '65.
Mechanization of the trimming of foundation beds under foundation blocks. Stroitel. arkhitekt. 6 no. 6, 13-15 '65.
- EXCAVATING MACHINERY—ELECTRIC DRIVING**
New control system for the drives of the PRG-6 excavator. I. A. Vuk, Izv. vys. uch. zav., pishch. tekhn. no. 5, 1030-1035 '65.
- EXCAVATING MACHINERY—ELECTRIC EQUIPMENT**
Coupling of high-voltage cable-type cables. A. M. Vasil'ev, L. M. El'terman, L. K. Leinert, Met. i gorn. mash. no. 4, 70-77 Ji-Ag '65.

EXCAVATING MACHINERY—HYDRAULIC DRIVE

Hydraulic drive for the shifting mechanism of rotary excavators. V. A. Demikhovskii. Stroi. mashin. 10 no. 10-11 O '65.

EXCAVATING MACHINERY—MAINTENANCE AND REPAIR

Recommendations for re-equipping the LR-7A excavator for work on frozen ground. A. M. Kaligin, I. N. Shektorov. Stroi. mashin. 10 no. 10-11 O '65.

EXCITATION (PHYSIOLOGY)

Afferent effect from the urinary bladder on the hypothalamus. N. A. Adamovich. Biol. eksp. biol. 60 no. 9:15-10 S '65.

Changes in evoked cortical potentials during stimulation of the nucleus caudatus. M. I. Butskii. Trudy Inst. fiziol. AN Gruz. SSR 11:89-99 '65.

Effect of proprioceptive stimulation on the muscular activity in man, based on data of electromyographic studies. L. N. Khvachina, V. B. Labashina. Fiziol. zhur. 51 no. 7:862-866 '65.

Effect of repeated aural stimulations of the vestibular analyzer in rabbits on the quantitative relation of the duration of nystagmus to the value of negative angular acceleration. B. B. Bekhov, A. A. Sidov. Biol. eksp. biol. 60 no. 9:50-52 S '65.

Effect of sensory stimulations on the "spontaneous" efferent activity recorded in the common nictitans trunk in frogs. M. V. Khron, I. V. Lopytova. Biol. eksp. biol. 60 no. 9:10-15 S '65.

Physiological characteristics of the oculocardiac reflex in a slight pressure on the eye. I. P. Pahanichnyi. Biol. eksp. biol. 60 no. 9:20-24 S '65.

Tonic reflex of the ocular muscles in rhythmic electric stimulation of the vestibular receptors. M. M. Levashov. Biol. eksp. biol. 60 no. 9:7-10 S '65.

EXCRETION

Excretory function of the human fetus. V. I. Kazanin. Akush. i ginek. 9:78-10 '65.

EXERCISE THERAPY

Controlled therapeutic walking. P. G. Parnadov. Spor. nach. tab. vych. 38 no. 10:10-14 O '65.

Effect of motor regimen on the function of the cardiovascular system in patients with myocardial infarct. V. S. Sedolov, G. A. Minelov, D. L. Antvatsilov. Zhur. eksp. i klin. med. 5 no. 1:78-81 '65.

Role of exercise therapy in the functional outcome of the treatment of dislocations of the elbow joint in adolescents. I. I. Sokolov, Z. M. Atayev, A. I. Kekelid. Ortop., travm. i protez. 26 no. 9:24-30 S '65.

EXHIBITIONS

The efficiency of fur could have been greater. A. Klyuchko. Sov. toig. 38 no. 10:10-14 O '65.

EXOPHTHALMOS

Exophthalmic factor and its role in the genesis of ophthalmopathy associated with the diseases of the thyroid gland. V. V. Potin. Vest. AMN SSSR 20 no. 10:58-67 '65.

EXOSTOSES

Exostosis causing compression of the spinal cord. R. F. Goncharova, M. A. Bogueva, L. S. Korndil. Vop. neirokhir. 1 no. 1:60 '65.

EXPLORERS, PHENICIAN

Shihuan, I. Sh. [Phenician navigators] Finkilskie morekhoty. Moskva, Nauka, 1965. 81 p. (Po sledam ischeznuvshikh kul'tur Vostoka)

EXPLOSIONS

Branching chains-thermal explosion limit. L. M. Pliginskii, V. G. Levich. Dokl. AN SSSR 165 no. 1:144-146 N '65.

Energy losses in explosions of spherical bombs. V. S. Babkin, L. S. Korchenko. Nauch. tekhn. probl. gor. i vzryva no. 2:111-117 '65.

Initiation of an explosion by impact. Part I. Development of the explosion. Nauch.-tekhn. probl. gor. i vzryva no. 2:43-51 '65.

Magnetic emulsion. A. D. Sakharov and others. Dokl. AN SSSR 165 no. 1:65-68 N '65.

Sixth Session of the Scientific Council on the use of explosions for purposes of the national economy. Nauch.-tekhn. probl. gor. i vzryva no. 2:118 '65.

EXPLOSIONS—THERMODYNAMICS

Dynamic regimes of a thermal explosion. Part 2: Laws governing a thermal explosion under conditions of constant-rate cooling. A. G. Stronina, A. G. Morzhanov, Z. B. Malofin. Nauch.-tekhn. probl. gor. i vzryva no. 2:108-114 '65.

Effect of an explosion on matter. Thermodynamics of shock compression of powders. S. S. Batsanov, A. A. Deribas, S. A. Kulotin. Nauch.-tekhn. probl. gor. i vzryva no. 2:52-61 '65.

EXPLOSIVE FORMING

Explosive extrusion of powder materials, survey of literature. R. K. Bauman, B. P. Lobashov. Sbor. trud. TSNIICM no. 49:43-52 '65.

Forgeability of clad sheet SAP [sintered aluminum powder]. I. P. TSipulin, G. S. Sakharov. Trudy MATI no. 62:14-21 '65.

EXPLOSIVES

Efficient shape of superimposed explosive charges. A. G. Khuev. Izv. vys. ucheb. zav., lavet. met. 8 no. 5:17-22 '65.

The PZK pneumatic charging columns with automatic proportioning of the air. V. I. Emekeev and others. Gor. zhur. no. 8:17-19 Ag '65.

EXPLOSIVES—TESTING

Analysis of the 80/20 B "chernogranulit" and a new variety of the C granulate. I. T. Kolesnikov, I. U. S. Mets. Met. i gon. met. prom. no. 4:65-67 Ji-Ag '65.

EXTENSOMETER

Extensometer for measuring longitudinal and angular deformations of tubular specimens. V. P. Sdobychov, E. B. Nefrasov. Izv. AN SSSR. Mekh. no. 5:130 S-O '65.

EXTRACTION (CHEMISTRY)

Coefficients, curves, and diagrams of salting-out in extraction. A. V. Nikolaev. Dokl. AN SSSR 164 no. 6:1323-1326 O '65.

Dissociation, dimerization, and distribution of dibutylphosphoric, dihexylphosphoric, and dioctylphosphoric acids in the system n-octane - 0.1 M NaClO₄ - HClO₄ solution. V. S. Ushakov, R. A. Sviridova. Radiokhimiya 7 no. 5:538-544 '65.

Extraction capacity of organic compounds depending on their structure and electronegativity of substituting groups. Part 2: Effect of electronegative groups. A. M. Rozov and others. Radiokhimiya 7 no. 5:517-523 '65.

Extraction from vegetable raw materials by liquefied gases. S. F. Kiporenko. Maslozhir. prom. 31 no. 7:40-41 Ji '65.

Extraction of penta- and hexavalent molybdenum from hydrochloric acid solutions with oxygen-containing solvents. A. I. Busev, V. A. Frokina. Vest. Moskv. un. Ser. 2: Khim. 20 no. 4:69-72 Ji-Ag '65.

Extraction separation of niobium from zirconium, tungsten, uranium, and iron by ammonium pyrrolidone-dithiocarbamate. I. M. Gubina, I. P. Altmarin, P. Davydorzh. Vest. Moskv. un. Ser. 2: Khim. 20 no. 4:73-75 Ji-Ag '65.

Extractive properties of β - β -dichlorodibutyl ether (chlor-ex). P. I. Artukhin and others. Dokl. AN SSSR 164 no. 5:1041-1045 O '65.

Kinetics of tannin extraction. G. K. Goncharenko, I. I. Pchishenko. Izv. vys. ucheb. zav., khim. i khim. tekhn. 6 no. 3:511-515 '65.

Study of the mechanism of extraction by measuring the viscosity of the isomolar series. L. I. Baram. Zhur. neorg. khim. 10 no. 9:2181-2188 S '65.

EXTRACTION APPARATUS

Horizontal multitape atomizing extractor. N. I. Gel'perin and others. Khim. i nef. mashinost. no. 9:1-3 S '65.

Optimum loads on extraction equipment. I. I. Balokhovskiy, A. I. A. Nazarov. Maslozhir. prom. 31 no. 7:5-7 Ji '65.

Processing of grape husks in a continuous flow with the use of a scraper extractor. Kh. A. Abdullayev, N. U. Rzaev, A. G. Khamonov. Izv. vys. ucheb. zav., pishch. tekhn. no. 5:122-125 '65.

EXTRACURRICULAR EDUCATION OF CHILDREN

Education of children, Extracurricular

EXTRAORDINARY REMEDIES

For the extension of supervisory functions of the Supreme Court of the U.S.S.R. A. Zimmer. Sov. iust. 28 no. 18:25 S '65.

EXTRAORDINARY REMEDIES (CRIMINAL PROCEDURE)

Procedure for the supervisory review of criminal cases. V. I. Baskov. Sov. gos. i pravo 35 no. 10:44-50 O '65.

EXTREMITIES (ANATOMY)

Development and form variation of long bones as related to mechanical action. B. Kummer. Arkh. anat., gist. i embri. 48 no. 7:21-29 Ji '65.

EXTREMITIES (ANATOMY)—ABNORMALITIES AND DEFORMITIES

Treatment of congenital contractions of the extremities in children. V. S. Piskopovich. Ortop., travm. i protez. 26 no. 9:31-35 S '65.

EXTREMITIES (ANATOMY)—BLOOD SUPPLY

Diagnostic errors in lesions to major arteries in extremities. K. M. Muzyska, N. A. Shor. Klin. khir. no. 2:64-68 '65.

EXTREMITIES (ANATOMY)—FRACTURES

Effect of "mumble" on the regeneration of bones and alkaline phosphatase of the blood in fractures of the tubular bones in an experiment. A. Sh. Shaikrov. Ortop., travm. i protez. 26 no. 9:24-27 My '65.

EXTREMITIES (ANATOMY)—SURGERY

Treatment of congenital contractions of the extremities in children. V. S. Piskopovich. Ortop., travm. i protez. 26 no. 9:31-35 S '65.

EXTREMITIES (ANATOMY)—TUMORS

Basic-Masson's vegetative neuroalgia. S. S. Shaitmanian. Zhur. eksp. i klin. med. 2 no. 5:7-16 '62.

EXTREMITIES, LOWER—ABNORMALITIES AND DEFORMITIES

Rare case of a congenital abnormality of the lower extremity. R. A. Akhmedzhanova. Ortop., travm. i protez. 26 no. 9:52-53 S '65.

EXTREMITIES, LOWER—SURGERY

Rare case of a congenital abnormality of the lower extremity. R. A. Akhmedzhanova. Ortop., travm. i protez. 26 no. 9:52-53 S '65.

EXTRUSION (METALS)

Cold extrusion of chain rollers. A. I. A. Mekhnokov. Kuz. i stam. polzv. 6 no. 9:7-12 S '64.

Fatigue resistance and static crack strength of parts extruded from the AV alloy of varying purity. L. P. Gyglin, M. N. Stepanov, V. Z. Zakharov. Metalloved. i term. obr. met. no. 3:5-8 Mr '65.

Hydrostatic extrusion, survey of literature. B. P. Lobashov. Sbor. trud. TSNIICM no. 4:21-31 '65.

Making pipe of molybdenum ceramic metal ingots by the hot extrusion method. I. U. V. Maneglin. Sbor. trud. TSNIICM no. 13:157-163 '65.

New course in the development of powder metallurgy. B. A. Bochk. Sbor. trud. TSNIICM no. 43:5-20 '65.

EXTRUSION (METALS)—EQUIPMENT AND SUPPLIES

Structural characteristics of the hydrostatic extrusion equipment designed by the Central Scientific Research Institute of Ferrous Metallurgy. V. V. Dymov and others. Sbor. trud. TSNIICM no. 43:32-42 '65.

Temperature of the container during the extrusion of aluminum alloy parts. S. N. Tarantov. Trudy MATI no. 62:135-144 '65.

EXTRUSION PROCESS—SAFETY MEASURES

Ventskevlch, I. U. A. [Safety manual for workers engaged in the manufacture of strip-type parts] Pamiatka po tekhnike bezopasnosti dlia rabochikh, zaniatikh izgotovleniem pogonaznykh izdelii. Moskva, Stroiizdat, 1965. 13 p. (Pamiatka po tekhnike bezopasnosti v promyshlennosti stroitel'nykh materialov)

EXUDATION (BOTANY)

Metabolite exchange in plants through aerial organs. V. P. Ivenov, G. A. Yakobson. Fiziol. rast. 12 no. 3:405-411 My-Je '65.

Role of root excretion in the nutrition of woody plants. A. I. Akhmedko. Agrokhiimiya no. 10:82-92 O '65.

EYE

Physiological characteristics of the oculocardiac reflex in a slight pressure on the eye. I. P. Pahanichnyi. Biol. eksp. biol. 60 no. 9:20-24 S '65.

Study of the effect of laser rays on the lunula cilia. S. V. Melnikin, L. A. Tumanian, R. B. Kostanian. Zhur. eksp. i klin. med. 5 no. 1:33-37 '65.

EYE—CANCER

Clinical aspects and histology of melanoblastomas of the uveal tract, vascular membrane of the eye. T. A. Shatlova. Nauch. trudy Riaz. med. inst. 11:313-321 '60.

Some characteristics of a metastasizing melanoblastoma of the eye. M. M. Nivinskii. Vop. onk. 11 no. 10:14-48 '65.

EYE—DISEASES AND DEFECTS

Clinical aspects of encephalitis with Dairymple-Stellwig syndrome. N. M. Stepanova. Trudy Vor. med. inst. 51:103-104 '63.

EYE—MUSCLES

Tonic reflex of the ocular muscles in rhythmic electric stimulation of the vestibular receptors. M. M. Levashov. Biol. eksp. biol. 60 no. 9:7-10 S '65.

EYE—TUBERCULOSIS

Present-day therapy of tuberculous uveitis. E. I. Gasparion. Sbor. nauch. trud. TashGMI 22:244-252 '62.

Tuberculosis of the eyes combined with tuberculosis of the lungs and other organs; based on materials of the eye clinic of the Tashkent State Medical Institute for the 10 years from 1948-1959. E. I. Gasparian. Sbor. nauch. trud. TashGMI 22:234-236 '62.

EYE—TUMORS

Diagnosis of intracocular tumors. N. K. Khochaiurova. Nauch. trudy Riaz. med. inst. 11:322-328 '60.

FACADES

Facade ceramics in the construction industry. M. Rogov. Zhil. stroi. no. 8:24-25 '65.

FACADES—CLEANING

Methods of cleaning facades. A. K. Milovzorov, A. M. Khigeroevich. Gor. khoz. Mosk. 39 no. 8:33-34 Ag '65.

FEEDWATER PURIFICATION

- PH-buffer properties of cation exchanges and their use in water softening technology. R. L. Babkin, Teploenergetika 12 no. 10:18-22 O '65.
- Comparison of water conditions and means for water treatment in block-type state regional electric power plants with different boiler systems. I. G. Prokhorov, I. S. Guevich, Teploenergetika 12 no. 10:2-8 O '65.
- Complex preparation of water for diffusion with the use of SO_2 . I. I. Zeldman, V. M. Primak, Izv. vuz. ucheb. zhurn., fizich. tekhn. no. 5:78-83 '65.
- Purification of ion exchange products from condensate by means of magnetite filter. A. I. Lapshin, A. M. Voznesenskaya, Teploenergetika 12 no. 10:26-28 O '65.
- Experience in the use of hydrazine. V. I. Vainshtein, Elek. sta. 36 no. 11:89-90 N '65.
- Ion-exchange filters with compound operation in power blocks with 300 Mw. ratings. V. F. Batenko and others, Elek. sta. 36 no. 10:8-15 O '65.
- Networks and technology of chemical water treatment system of state regional electric power plants and thermal electric power plants. Teploenergetika 12 no. 10:90-92 O '65.
- Prestart cleaning of water and steam conduits of A-300 Mw. block. A. M. Arkhipov, V. I. Zhdanov, B. S. Rogatskii, Elek. sta. 36 no. 11:1-20 N '65.
- Preventing air leakage into a clarifier. V. S. Goebe, M. T. Molchadskii, Energiika 13 no. 10:16-17 O '65.
- Use of hydrazine in electric power stations. P. A. Akol'tzin, N. M. Mikhailova, Teploenergetika 12 no. 10:13-18 O '65.
- Use of the AV-16G anion exchanger in water treating systems. V. P. Shvetsova, I. N. Ukhin, Teploenergetika 12 no. 10:20-21 O '65.

FELDSPAR, EFFECT OF TEMPERATURE ON

- Characteristics of the behavior of potassium and potassium-sodium feldspar under the effect of heating. D. I. Levin, L. N. Nikolova, Stek. i ker. 22 no. 3:26-28 Mr '65.

FEMALE GENERATIVE ORGANS see Generative organs, Female

FEMORAL MUSCLE—INNERVATION

- Effect of the stimulation of ganglionic and autonomic receptors on the character of the femoral muscles in hypotonic and hypertonic. A. I. Karnev, S. R. Odzhakhmedov, P. I. Sultanov, Izv. AN Azerb. SSR, Ser. biol. nauk no. 3:110-116 '65.

FEMUR—ABNORMALITIES AND DEFORMITIES

- Technique of an angular extra-articular osteotomy in various deformities of the femoral neck. A. S. Krilik, Ortop., travm. i protez. 26 no. 5:69-73 My '65.

FEMUR—FRACTURE

- Compression osteosynthesis in fractures of the femoral neck. N. A. Serchenchikov, Ortop., travm. i protez. 26 no. 5:70-74 S '65.
- Determination of the reliability of various methods of internal fixation in fractures of the upper end of the femoral bone in an experiment. B. I. Nikiforov, Ortop., travm. i protez. 26 no. 5:8-13 My '65.
- Treatment of patients with fractures of the femoral neck without displacement of the fragments. V. M. Dem'yanov, Ortop., travm. i protez. 26 no. 5:3-7 My '65.

FEMUR—SURGERY

- Technique of an angular extra-articular osteotomy in various deformities of the femoral neck. A. S. Krilik, Ortop., travm. i protez. 26 no. 5:69-73 My '65.

FEDOROV, IVAN VLAS'EVICH, 1903-1965

- I. V. Fedorov; obituary. Elek. sta. 36 no. 11:85 N '65.

FEOFIKOVA, IRADA IVANOVNA, 1890-1965

- In memory of Irada Ivanovna Feofikova; an obituary. Prokhorovskaya no. 0:83 S '65.

FERGANA—TANKS—DESIGN AND CONSTRUCTION

- Creator of steel spherical tanks. B. Bezrukov, Ekon. i zhizn' 7 no. 7:20-24 Ji '65.

FERGANA—TEXTILE INDUSTRY—QUALITY CONTROL

- Good start. S. Abdullin, Ekon. i zhizn' 7 no. 7:42-43 Ji '65.

FERGANA PROVINCE—CONSTRUCTION INDUSTRY

- Fergana in building scaffolds. Kh. Umarov, Ekon. i zhizn' 7 no. 7:27-28 Ji '65.

FERGANA PROVINCE—ECONOMIC CONDITIONS

- A changed region. I. Kon. i zhizn' 7 no. 7:26 Ji '65.

FERGANA PROVINCE—GEOLOGY, STRUCTURAL

- Genesis of the most recent synclinal anticlines along the Dzungarian fault and their similarity to the fault-fold of the hills of Gansu and the gash folds of Fergana Province. V. S. Volkovich, Dokl. AN SSSR 154 no. 4:873-876 O '65.

FERGANA VALLEY—GEOLOGY, STRATIGRAPHIC

- Akademiya nauk SSSR. Otdeleniye nauk o zemle [Continental Crustaceous deposits of Fergana]. Molodoye kontinental'noye otlozheniye Fergany. Moskva, Nauka, 1965. 153 p.

FERMENTATION

- Participation of basic and secondary alcohol fermentation products in the synthesis of yeast protein. T. S. Lomatskiy, I. D. Vochozdaev, Soob. v. Gruz. SSR 39 no. 1:81-86 Ji '65.

FERRITE SURFACES

- Oscillation of resistance and open trajectories of electrons in zinc. I. P. Gaidakov, I. P. Kreshtova, Fiz. v red. Zhur. eksp. i teor. fiz. 1 no. 3:25-31 My '65.

FERRITES see Ferrites (Magnetic materials)

FERRITE

- Determination of copper in ferrites. V. T. Vasilenko, Zav. lab. 31 no. 9:1070-1071 '65.

FERRITE CRYSTALS

- Preparation of ferrite single crystals by isothermal evaporation of the solvent. L. M. Viling, Vest. Mosk. un. Ser. 2: Khim., 20 no. 1:54-56 Ji-Ag '65.

FERRITES

- Interaction of ferrites with fused sodium meta and pyrosulfates. L. M. Viling, G. P. Golubkova, Vest. Mosk. un. Ser. 2: Khim., 20 no. 4:50-53 Ji-Ag '65.

FERRITES (MAGNETIC MATERIALS)

- Effective magnetic fields on the nuclei in the substituted ferrites—garnets $Ca_xY_{3-x}Sn_xFe_{5-x}O_{12}$. K. P. Belov, I. S. Liubutin, Zhur. eksp. i teor. fiz. 49 no. 3:747-750 S '65.

- Ferrite valve for high-power short video pulses. G. A. Moskalov, Zhur. tekhn. fiz. 35 no. 9:1655-1658 S '65.

- Method for calculating the pulse parameters of ferromagnetic substances with rectangular hysteresis loops. N. V. Pen'kov, Avtom. i telet., 26 no. 9:1573-1577 S '65.

- Probnazhenskii, A. A. [Magnetic materials] Magnitnye materialy. Moskva, Vysshiya shkola, 1965. 234 p.

- Properties and use of single-axis magnetic ferrites in the millimeter band. L. K. Mikhailovskii and others, Radiotekhn. i elektron. 10 no. 10:1738-1752 O '65.

- Study of single crystals of ferrites—garnets with vanadium. A. N. Ageev and others, Fiz. tver. tela 7 no. 9:2853-2856 S '65.

- Study of the boundary layer between domains in some ferrites with a spinel structure. A. I. Drokin, V. I. Sluzhbov, Zhur. eksp. i teor. fiz. 49 no. 3:713-719 S '65.

FERRITES (MAGNETIC MATERIALS)—ELECTRIC

PROPERTIES

- Electric conductivity of solid phases in the system $MnO_2 - Fe_2O_3$. L. S. Dubakova, I. D. Tsvetkov, Izv. AN SSSR, Neorg. mat., 1 no. 5:751-757 My '65.

FERRUCENE

- Synthesis of 1,2-disubstituted ferrocenes. A. N. Neamenov and others, Izv. AN SSSR, Ser. Khim., no. 10:1832-1834 '65.

FERRUCYANIDES

- Formation of complex copper and ammonium ferrocyanide of constant composition. A. S. Kozlov, Izv. AN SSSR, Neorg. mat., 1 no. 5:730-736 My '65.

- Formation of molybdenum ferrocyanides. G. D. Seifer, S. I. Nikolaev, Zhur. neorg. khim. 10 no. 9:2057-2059 S '65.

Ferroelectric substances

- Using ferroelectrics in built-in control circuits. L. L. Buvinskii, V. S. Dem'anchuk, Izv. tekhn. no. 9:28-27 S '65.

Ferroelectric substances—SPECTRA

- Long-wave infrared transmission spectra of $Ni_{1/2}Hf_{1/2}PO_4$. I. M. Aref'ev, P. A. Bazulin, I. S. Zheleznev, Fiz. tver. tela 7 no. 9:2834-2838 S '65.

Ferromagnetic resonance

- Ferromagnetic resonance in single crystals of the garnet $Bi_{0.46}Ca_{0.52}Fe_{2.74}V_{1.26}O_{12}$. B. E. Rubinshtein, A. G. Tlova, Fiz. tver. tela 7 no. 9:2667-2668 S '65.

Ferromagnetism

- Conditions of physical similitude of quasi-stationary electromagnetic fields in ferromagnetic media. A. V. Ivanov-Smolenskii, Izv. AN SSSR, Energ. i transp., no. 4:36-44 Ji-Ag '65.

- Ferromagnetism in ferroelectric-ferromagnetic systems. I. U. La, Tomashpol'skii, I. U. N. Venet'sev, V. N. Beznosdrev, Fiz. tver. tela 7 no. 9:2763-2767 S '65.

- "Spreading out" of Curie points. V. B. Bydokimov, Zhur. fiz. khim. 39 no. 9:2095-2096 S '65.

Ferrosilicon

- Production of high-quality ferrosilicon powder for heavy suspensions. N. M. Dekhanov and others, Met. i gornorud. prom., no. 4:14-16 Ji-Ag '65.

Fertilization of plants

- (see also subdivision under Kazakhstan)

- Biological role of the inflorescence in the evolution of some plants. N. I. Malutin, Bot. zhur. 50 no. 5:585-589 My '65.

- Characteristics of nitrogen metabolism in the generative tissues of some cotton varieties differing in their ripening time. V. F. Gerasimova, Fiziol. rast. 12 no. 3:453-456 My-Je '65.

Ecology of flowering and pollination of Oxalis acelosella

- L. V. Verezhchagina, Bot. zhur. 50 no. 8:1078-1091 Ag '65.

FERTILIZER SPREADERS

- Basics for selecting the forms for the working parts of a manure spreader. A. N. Gudkov, S. N. Nikulin, Trakt. i sel'khoz. mash., no. 9:29-31 S '65.

FERTILIZERS AND MANURES

- (see also subdivision under Czechoslovakia, Uzbekistan)

- Conference devoted to the problems of using underground waters for fertilization. V. I. Lebedev, Vest. LGU 20 no. 18:153-155 '65.

- Conference on programs and methods of the participants of the Geographical Network of Experiments with Fertilizers. A. K. Selavri, Khim. v sel'khoz. 3 no. 9:71-76 S '65.

- Effectiveness and characteristics of the action of mineral fertilizers in eroded soils. G. A. Cherenishov, Khim. v sel'khoz. 3 no. 9:10-12 S '65.

- Physical and mechanical properties of mineral fertilizers. A. M. Shchebrikov, M. L. Kruglov, M. F. Burmistrova, Khim. v sel'khoz. 3 no. 9:17-25 S '65.

- Savichev, M. A. [Collective farm fertilizer plant, practices of the "Pamiat' Lenina" Collective Farm in Kholynets District, Orlov Province] Kolkhoznaia fabrika udobrenii; opyt kolkhoza "Pamiat' Lenina" Kholynetskogo raiona Orlovskoi Oblasti, Moskva, Rossel'khozizdat, 1965. 33 p. (Udobreniye polet i urozhala)

(DNAL)

- Some results of station studies of the dynamics of soil processes. P. P. Rahav, Vest. AN BSSR, Ser. sel'khoz. nauch. no. 2:31-38 '65.

- Sources of fertility. T. Butaeva, Inform. biol. VDNKH 3 no. 3:28 Mr '65.

- Zubkova, S. V., and A. A. Simonova, [Peat-mineral-ammonia fertilizers, from the practices of "Prigorodnyi" State Farm] Torfo-mineral'no-ammiachnye udobreniia, iz opyta sovkhov "Prigorodnyi," Leningrad, Kolos, 1965. 50 p. (Peredovoi opyt iz polet i fermi)

(DNAL)

FERTILIZERS AND MANURES—ABSTRACTS

- [Soil science. Fertilizers. Reclamation] Ref. zhur.: Pochv. udobr. mel. nos. 20-22 O-N '65.

FERTILIZERS AND MANURES—ECONOMIC ASPECTS

- Evaluation of the efficiency of chemicalization. P. Klemyshev, Plan. khoz. 42 no. 11:50-55 N '65.

FERTILIZERS AND MANURES—HANDLING

- Attachment to the T-16 self-propelled chassis for the removal of farm manure. I. Buzin, Tekhn. v sel'khoz. 25 no. 0:30-33 Je '65.

- Construction and operation technology of the base unloading stations for mineral fertilizers. A. A. Smekho, and others, Zhel. dor. transp. 47 no. 10:34-31 O '65.

- Machines for the delivery of fertilizers. N. Semenov, Inform. biol. VDNKH 3 no. 7:11 Ji '65.

FERTILIZERS AND MANURES—TRANSPORTATION

- Skalov, K. I., and G. S. Molarchuk, [Shipment and storage of mineral fertilizers in transportation] Porevozka i khraneniye mineral'nykh udobrenii na transporte, Moskva, Transport, 1965. 46 p.

FESCUE GRASS

- Morphogenesis of the shoots of meadow fescue (Festuca pratensis Huds.) in relation to environmental conditions. P. V. Lebedev, N. S. Mel'nik, Bot. zhur. 50 no. 5:514-525 My '65.

FETAL MEMBRANES—THERAPEUTIC USE

- Blumen burns in construction workers. G. I. A. Klassen, Ortop., travm. i protez. 26 no. 5:46-49 My '65.

FETUS

- Blood coagulation in the human fetus. S. A. Brilintsova, Akush. i gin. no. 2:40-45 '65.

- Comparative study of gas exchange in the fetus under normal and pathologic conditions. L. S. Perslaninov and others, Akush. i gin. no. 1:3-9 '65.

- Effect of perivital diathermy on the heartbeat and motor activity of the fetus in hypertensive women. M. M. Vartanian, Akush. i gin. no. 2:110-115 '65.

- Excretory function of the human fetus. V. I. Kazanin, Akush. i gin. no. 2:38-40 '65.

- Intrauterine movements of the fetus and the contractile activity of the uterus during pregnancy and labor. V. M. Sokolov, Akush. i gin. no. 2:9-13 '65.

FETUS—DISEASES

- Hypertension and the fetus. M. M. Vartanian, Zhur. eksp. i klin. med. 5 no. 1:80-88 '65.

- Pathogenesis of hereditary and nonhereditary embryopathy. P. G. Svetlov, Arkh. pat. 27 no. 8:8-9 '65.

FIREBRICK

Connection between losses during the calcining of alumina and the strength of raw brick during heating
I.S. Kabanikhin, I.G. Orlowa, M.I. Pokupenko Ognepoy 30 no 10:37-39 '65

FIREBRICK—THERMOC

Methods of determining the slag resistance of ladle firebrick
V.D. Tsigler, V.L. Bulakh, T.L. Tarasova Ognepoy 30 no 10:31-31 '65

FIREMEN

(see also subdivision under Stavropol)

About good people G. Pocherai and others Poch delo no.10:2-7 '65

Agitation O. Stobolov Poch delo no.9:15-17 '65

Favorite champions start worrying N. Semina Poch delo no.9:16-17 '65

First U.S.S.R. firemen sports tournament N. Gusev and others Poch delo no.10:11-19 '65

For a youth thinking about a profession I.A. Artem'ev and others Poch delo no.10:12-13 '65

Serious statement M. Gusev, A. Getimada Poch delo no.9:17-18 '65

Strong-willed ambition IU. Nazarov Poch delo no.9:23-21 '65

FIREMEN'S MANUALS

Kosykh, I.S. [Instructions for firemen concerning gas and smoke protection measures] Pozhar nomu o gazovymozaschitnoi sluzhbe. Moskva, Stolzizdat, 1965. 51 p

FIRST AID IN ILLNESS AND INJURY

In contusions and fractures O. Markova, Voennan. 41 no.10:24-25 '65

FISH, CANNED

Polyethylene instead of tin E. M. Kimberg Ryb. khoz. 41 no.8:80-81 '65

FISH, CANNED—STERILIZATION

High-temperature and multistage sterilization of canned fish M.S. Andreev, L.I. Shokhobolova Ryb. khoz. 41 no.8:50-61 '65

FISH, SALT

Determining the degree of seasoning of salt Pacific salmon by a spring press type device. I. A. Naueckina, Izv. TINRO 55:215-221 '64

FISH, SMOKED

Quantitative chromatographic analysis of phenols in smoked fish A.I. Udutskina, T.M. Lebedeva Ryb. khoz. 41 no.9:75-77 '65

FISH CULTURE

(see also subdivision under Kursk Province, Moldavia, Pacific Ocean, Volga Delta)

Biological principles of using shallow reservoir waters for commercial pond fisheries P.V. Mikhnev, B.V. Melner Trudy VNIPRIKH 13:79-82 '65

Biotechniques of the cultivation of fish on feeding on plants V.K. Vinogradov and others Trudy VNIPRIKH 13:3-9 '65

Growth and wintering of young-of-the-year fishes feeding on plants V.M. Il'in, L.M. Solov'eva Trudy VNIPRIKH 13:11-21 '65

Karazhin, G.S. [Chemistry in fish culture] Khimika v rybovodstve. Moskva, Izd-vo "Znanie," 1964. 79 p. Narodnyi universitet; Sel'skokhoziaistvennyi fakul'tet, no. 11

Summary of the activities of fish hatcheries in 1964. L.V. Polukhina, A.A. Kozlov, Ryb. khoz. 41 no.9:9-11 '65

FISH FILLETS

Fillet from *Aspius aspius* L. A. Chelanko Ryb. khoz. 41 no.8:71 '65

Mechanization of cutting operations in the fish fillet industry V.V. Bn'l, V.M. Tomilin Ryb. khoz. 41 no.9:81-84 '65

FISH INTRODUCTION

(see also subdivision under Tavayot, Lake)

Growth and wintering of young-of-the-year fishes feeding on plants V.M. Il'in, L.M. Solov'eva, Trudy VNIPRIKH 13:11-21 '65

Parasites of plant-eating fishes, introduced in the U.S.S.R. V.A. Musulin, Trudy VNIPRIKH 13:55-57 '65

Physiological changes in some fish species during acclimatization S.V. Srel'tsova and others, Izv. GosNIORKH 58:7-10 '64

Rasa, T.S. [Fish resources of the European seas of the U.S.S.R. and possibilities for their replenishment by acclimatization] Rybnye resursy evropeiskikh moryi SSSR i vozmozhnosti ikh popoleniya akklimatizatsiei. [Moskva] Nauka [1965] 105 p.

FISH MEAL

Extraction of oil from vacuum-fried fish waste V.V. Baranov, Trudy Kol'tekh. inst. ryb. prom. i khoz. no.18:263-270 '63

FISH OIL

Method for approximate determination of the oil content of baiting on the fishing boat I.N. Simonova, L.K. Davydova, Trudy Kol'tekh. inst. ryb. prom. i khoz. no.18:275-279 '63

FISH POPULATIONS—MATHEMATICAL MODELS

Application of mathematics in ichthyology P.I. Barinov Ryb. khoz. 41 no.8:15-8 '65

Application of mathematics in ichthyology P.I. Barinov, Ryb. khoz. 41 no.9:6-9 '65

Methods of determining the abundance of fish populations, Z.M. Arutunova, L.B. Buhmavich, L.V. Sheldis Ryb. khoz. 41 no.9:56-60 '65

FISH PROCESSING PLANTS see subdivision under Caspian Sea region; Primorsko-Akhlaish (Krasnodar Territory)

FISH PROCESSING PLANTS—EQUIPMENT AND SUPPLIES

Determining the degree of seasoning of salt Pacific salmon by a spring press type device, I. A. Naueckina, Izv. TINRO 55:215-221 '64

Separation of the ISI model for extracting fat from fish both O.P. Novikov, E.A. Belicev, Ryb. khoz. 41 no.8:67-70 '65

Unit for producing peptide concentrate IU.D. Sapunov, N.P. Slinkin Ryb. khoz. 41 no.8:62-61 '65

Vertical vibratory conveyor V.M. Gusev, G.V. Iakovleva Ryb. khoz. 41 no.9:70-71 '65

FISHERIES

(see also subdivision under Arav, Sea of; Black Sea, Caspian Sea, Georgia; Karelia)

Bumadzh, E.V. [Chemical method of developing lakes for fisheries] Khimicheskiy metod rybokhoz. i akklimatizatsii preobrazovaniya ozer Moskva, Pishchevaya promyshlennost', 1965 55 p

Further development of fisheries in open seas and oceans N.M. Saluzhenkov, Ryb. khoz. 41 no.8:31-35 '65

Role of an engineer in commercial fisheries Mhaev, Khramtsov, Dfcheko Ryb. khoz. 41 no.8:30-31 '65

FISHERIES—ECONOMIC ASPECTS

Improving planning and accounting on fishing collectives I.V. Mitrova Ryb. khoz. 41 no.9:88-87 '65

FISHERY PRODUCTS

Improve the costs accounting for fishery products I. Anukhin Ryb. khoz. 41 no.8:76-77 '65

Microelementic titrimetric determining of iron in fishery products A.S. Aleksandrovskiy-Vol'mskova, I.N. Ivanovskiy, Izv. vuzovskiy zav. prib. i tekhn. no.5:200-202 '65

Utilizing the contents of fish in the production of food-stuffs with a high vitamin B content P.I. Andrusenko Trudy Kol'tekh. inst. ryb. prom. i khoz. no.18:271-271 '63

FISHERY PRODUCTS—ANALYSIS

Method for approximate determination of the oil content of baiting on the fishing boat I.N. Simonova, L.K. Davydova, Trudy Kol'tekh. inst. ryb. prom. i khoz. no.18:275-279 '63

FISHES

(see also subdivision under Atlantic Ocean; Indian Ocean; Komandorskiye Islands; Moldavia; Pacific Ocean)

Rasa, T.S. [Fish resources of the European seas of the U.S.S.R. and possibilities for their replenishment by acclimatization] Rybnye resursy evropeiskikh moryi SSSR i vozmozhnosti ikh popoleniya akklimatizatsiei. [Moskva] Nauka [1965] 105 p.

FISHES—CLASSIFICATION

Lantern fishes of the genus *Hygophum* (Myctophidae, Placae); systematics and distribution V.P. Bekker Trudy Inst. okean. 80:82-103 '65

FISHES—EGGS

Eggs and juveniles of the garfishes (Belontiiformes, Placae) from the Gulf of Tonkin N.V. Kovalevskaya, Trudy Inst. okean. 80:124-126 '65

"Crash" effect in the eggs of *Salmo laietan* (Kaspi.) and *Hucho hucho* (L.). Cheasheva, Nauch. dokl. vuz. shkoly, biol. nauk no.4:52-55 '65

Heterogeneity of ripe eggs of salmon (*Salmo salar* L.) and brown (Abrams brama L.), T.L. Privovalov, Z.I. Galkina, G.G. Galkin, Izv. GosNIORKH 66:150-150 '64

Relationship between the density of spawning ground stock and the effectiveness of spawning of Amur salmon V.IA. Levandov, Izv. TINRO 55:65-73 '61

Spawning of the scumboid fishes (Placae, Scombroidei) in the Gulf of Tonkin of the South China Sea N.N. Gorbunova, Trudy Inst. okean. 80:167-170 '65

Time and conditions of spawning of scumboid fishes (Placae, Scombroidei), N.N. Gorbunova, Trudy Inst. okean. 80:130-61 '65

FISHES—EMBRYOLOGY see Embryology—Fishes

FISHES—FOOD

(see also subdivision under Amur Valley, Don River)

Biotechniques of the cultivation of fish on feeding on plants V.K. Vinogradov and others Trudy VNIPRIKH 13:1-9 '65

Effect of different foods on the blood and hemoglobins in young salmon I.N. Ostoumova, Izv. GosNIORKH 58:95-108 '64

Feeding and the degree of utilization of food supply for raising young-of-the-year salmon in ponds I.I. Pinskiy Trudy VNIPRIKH 13:17-2-6 '65

Feeding habits and growth of *Hyphomphichthys molitrix* in ponds R.A. Savina Trudy VNIPRIKH 13:17-17 '65

Feeding habits of *Oncorhynchus gorbuscha* in the coastal waters of the Kurup Island V.N. Ivanov, Izv. TINRO 55:75-81 '64

Feeding habits of young fall chum salmon during its migration to the Amur River V.IA. Levandov, Izv. TINRO 55:55-61 '64

Feeding relationship between young *Oncorhynchus masu* (Brook) and other salmon in the rivers of Sakhalin S.N. Volovik, Izv. TINRO 55:63-66 '64

New method of feeding ponds built in peat banks A.G. Mikhov, I.N. Khramtsov Trudy VNIPRIKH 13:113-130 '65

Possibilities for the utilization of invertebrate in fish culture M.E. Sal'nikov, A.IA. Mal'kovskaya, T.I. Hager, Ryb. khoz. 41 no.8:11-13 '65

Primary effect of mineral fertilizers in feeding ponds V.I. Kuz'michova, Trudy VNIPRIKH 13:131-138 '65

FISHES—GEOGRAPHICAL DISTRIBUTION

Lantern fishes of the genus *Hygophum* (Myctophidae, Placae); systematics and distribution V.P. Bekker Trudy Inst. okean. 80:82-103 '65

FISHES—JUVENILE LITERATURE

Fish that swim IU. Gai'kov, Sem'ia shkola 20 no.9:47 '65

FISHES—MIGRATION

Method of determining the duration of the swimming of fish at cruising speed D.S. Pavlov, E.N. Saluzhenkov, Ryb. khoz. 41 no.9:14-16 '65

FISHES—PARASITES see Parasites—Fishes

FISHES—PHYSIOLOGY

Changes in blood indices of *Coregonus lavaretus* Volzhskoy and *Coregonus albus morpho* Vinnik L., following their introduction in Lake Tavayot I.N. Ostoumova, I.N. Mitrova, Izv. GosNIORKH 58:37-41 '64

Contamination of fishes by radioactive carbon G.V. Fedorova Ryb. khoz. 41 no.8:17-19 '65

Differences in osmoregulation in carp and trout L. IA. Shcherban, Izv. GosNIORKH 58:81-87 '61

Melting point of fats in fishes T.L. Privovalov, P.N. Buzhova, Izv. GosNIORKH 58:45-57 '64

Physiological changes in some fish species during acclimatization S.V. Srel'tsova and others, Izv. GosNIORKH 58:7-10 '64

FISHES—TRANSPORTATION

Survival and transportation of live fish without water in a moist atmosphere T.L. Privovalov, N.V. Kovaleva, Izv. GosNIORKH 58:108-200 '61

FISHES, FRESHWATER

Relation of freshwater and euryhaline fishes to varying water salinity T.I. Privovalov, Izv. GosNIORKH 58:58-63 '64

FISHING

New methods for finding fish A.A. Degtyarev, Ryb. khoz. 41 no.8:35-38 '65

Volkov, A.M. [With a fishing rod on silver and taken] S udochki po rekam i ozernam. [Perm] Permskoe knizhnoe izd-vo, 1965. 182 p.

FISHING—EQUIPMENT AND SUPPLIES

New advanced methods in fishing Ryb. khoz. 41 no.8:1-2 '65

Some methods of increasing the efficiency of actual fishing gear V.A. Rekrutskiy, Ryb. khoz. 41 no.9:82 '65

Theory of the wear of ropes used in fishing V.A. Tonnov, Trudy Kol'tekh. inst. ryb. prom. i khoz. no.18:203-214 '63

FISHING BOATS

(see also subdivision under Black Sea region)

Calculating the impact strength of fishing boats during mooring in a rough sea V.P. Purov, Trudy Kol'tekh. inst. ryb. prom. i khoz. no.18:117-123 '63

Cyclicality in the joint use of fishing and transportation ships O.A. Dubovskoy, Ryb. khoz. 41 no.9:227-230 '65

Establishing fuel and oil consumption norms for SRT type boats IU.P. Kletoch, V.G. Kuz'min, V.V. Shcheglov, Trudy Kol'tekh. inst. ryb. prom. i khoz. no.18:138-147 '63

FISHING BOATS (Continued)

- Joint designing of fishing boats for the Atlantic Bering
Fishery. V.I. Rabin. Trudy Kal'tekhn. inst. ryb.
prom. i khoz. no. 13:59-66 '63.
- Methods for determining the standards of simultaneous
handling of ships and the capacity of fishing ports.
V.V. Sorokina. Ryb. khoz. 41 no. 8:78-79 '65.
- Selecting a calculation method for the water jet propeller
of a fishing boat. I.Z. Goldenberg. Trudy Kal'tekhn.
inst. ryb. prom. i khoz. no. 13:38-35 '63.
- Zatshch, K.S., and G.V. Terent'ev. [Seagoing fishing
boats] Morskoe rybopromyshlennye suda. Leningrad,
Sudostroenie, 1965. 371 p.

FISHING BOATS—EQUIPMENT AND SUPPLIES

- Indicator appliances of a specialized digital computer
used on fishing boats. G.D. Chertkov. Trudy Kal'tekhn.
inst. ryb. prom. i khoz. no. 18:238-245 '63.
- Some theoretical prerequisites of the orientation and
aiming of fish directed vibrations. A.Z. Umantsev,
L.M. Stohn. Trudy Kal'tekhn. inst. ryb. prom. i khoz.
no. 18:251-262 '63.
- Use of fishing and deck mechanisms with hydraulic drive.
V.M. Chukhontsev. Ryb. khoz. 41 no. 8:16-18 '65.
- Use of fishing and deck mechanisms with a hydraulic
drive. A.M. Chukhontsev. Ryb. khoz. 41 no. 8:48-
50 '65.

FISHING BOATS—MAINTENANCE AND REPAIR

- Complete mechanization of shipyard operations. I.U.K.
Puzatov. Ryb. khoz. 41 no. 8:51-52 '65.

FISHING NETS

- Calculation of the setting of a net on a given curvilinear
line. B.G. Kasharov. Ryb. khoz. 41 no. 9:38-41 '65.
- Determining the coloring of fishing nets with a minimum
and maximum visibility in water. V.N. Melnikov.
Izv. vuzov ucheb. zav. i spets. tekhn. no. 5:203-204 '65.
- Floating type nets with double sheet bands. V.I.
Bundina. Ryb. khoz. 41 no. 8:41-45 '65.
- Selecting the relative length of the inclined guy rope of a
mixed seine. V.I. Ionsa. Trudy Kal'tekhn. inst. ryb.
prom. i khoz. no. 18:215-219 '63.

FISHING NETS—MODELS

- Simultaneous conditions of fishing gear. S.L. Fridman.
Trudy Kal'tekhn. inst. ryb. prom. i khoz. no. 18:181-189
'63.

FISH PONDS

- Biological principles of using shallow reservoir waters
for commercial pond fisheries. P.V. Mikhnev, E.V.
Mikser. Trudy VNIIPKKh 13:79-82 '65.
- Effect of estivation on the agrochemical indices determin-
ing the fertility of pond soil. V.I. Botenko. Trudy
VNIIPKKh 13:139-142 '65.
- Effect of fish and artificial feeds on the development of
zooplankton in fertilizer ponds. V.I. Bakhtina. Trudy
VNIIPKKh 13:179-186.
- New method of fertilizing ponds built in peat banks.
A.G. Mints, E.N. Khramina. Trudy VNIIPKKh 13:113-
130 '65.
- Primary effect of mineral fertilizers in rearing ponds.
V.I. Kuz'micheva. Trudy VNIIPKKh 13:131-138 '65.

FISTULA

- Median and lateral cysts and fistulae of the neck. D.S.
Zubov. Klin. khir. no. 2:73-74 '65.
- Methodology for surgical treatment of median dermatoid
cysts and fistulas of the neck. N.D. Levchenko. Probl.
khir. i lits. khir. no. 1:202-204 '65.

FISTULA, GASTRIC

- Fistulas between the stomach and the large intestine
as a complication of stomach cancer. N.A. Zakharov,
Nauch. trudy Riaz. med. inst. 11:106-111 '60.

FISTULA, INTESTINAL

- Fistulas between the stomach and the large intestine
as a complication of stomach cancer. N.A. Zakharov,
Nauch. trudy Riaz. med. inst. 11:106-111 '60.

FLAME PHOTOMETRY

- Determination of sodium and potassium in titanium di-
oxide by flame photometry. Z.G. Faikin, G.N. Moshko-
vich, Zh.A. Filippova. Zav. lab. 31 no. 9:1080-1091 '65.
- Determination of calcium in lead of higher purity. A.M.
Ustinov, M.I.A. Chalkov, A.V. Yakovleva. Zav. lab. 31
no. 9:1090 '65.

FLANGES

- Calculating flange couplings with contact over the entire
shaft surface. I.U. Heiderman. Khim. nef. mash. i
nostr. no. 9:8-11 '65.

FLAT BUGS—EXTERMINATION

- Pine flat bug control. G. Andreeva. Zashch. rast. ot
vred. i bol. 10 no. 7:24 '65.

FLATFISHES see subdivision under Bering Sea, Tonkin, Gulf of

FLAVINES

- Flavine formation in some species of yeast of the genus
Candida. L.P. Strugovnikova. Mikrobiologiya
34 no. 4:617-622. Ji-Ag '65.

FLAVONES

- Synthesis of polyfluorinated chromones and flavones.
N.N. Vorozhkov Jr. and others. Dokl. AN SSSR 164
no. 5:1016-1019 O '65.

FLAVONOIDS

- Flavonoid composition of the grass Gallega officinalis.
L.O. Lopygina. Izvestiya. 90 no. 1:57-62 '65.
- Study of flavonoids in the Altai representatives of the
genus Polygonum L. K.A. Sobolevskaya, G.I. Vynochina.
Rast. res. 1 no. 3:307-360 '65.

FLAX see subdivision under Mogilev Province

FLAX—VARIETIES

- Reaction of fiber flax varieties to the action of herbicides.
V.N. Klochkov, N.P. Ulianova. Dokl. Akad. nauk, 1965.
no. 9:13-17 S '65.

FLAX INDUSTRY

- Sobolev, G.A. [Arrangement, maintenance, repair
and adjustment of spreading, drawing and reeling
machines in the flax industry] Ustroistvo, obsluzhi-
vaniye, remont i naedka raskladnykh, lentochnykh
i rovinnykh mashin i'manol promyshlennosti,
Moskva, Legkaya Industriya, 1965. 174 p. (Uchebnykh
i uchebnykh posobiya dlia podgotovki rabochikh massov-
nykh professii)

FLAX INDUSTRY—EXHIBITIONS

- The ancient flax with a new quality. G. Dominakala.
Inform. biul. VDNKH no. 3:13 M '65.

FLEAS

- (see also subdivision under Balkhash Lake region)
- Feeding habits and reproduction of the fleas of house mice
under natural and experimental conditions. R.R. Kos-
minskii. Zool. zhur. 44 no. 9:1372-1375 '65.
- Life span of suckling fleas Neopaylla setosa Wagn. and
Ceratophyllus tesquorum Wagn. under natural condi-
tions. A.D. Luk'yanova, N.F. Lapina. Zool. zhur.
44 no. 6:883-887 '65.

FLESH FLIES

- (see also subdivision under Georgia)
- Predatory insect exterminating caterpillars of the fruit
moth Hypomomeuta padellus in the Far East. Z.B.
Karazeeva. Trudy VIZR no. 20 pt. 1:65-69 '64.

FLEXURE

- Elastoplastic bending of rigid plates under the action of
lateral loading. S.I. Matosko. Prikl. mekh. 1 no. 9:
35-44 '65.
- Effect of prestressing on the strength and crack resistance
of reinforced concrete beams in torsion and bend-
ing. G.V. Murashko. Bet. i zhel. bet. 11 no. 10:79-13
O '65.
- Plastic flexure of a sheet at heavy deformation. N.N.
Melnin, A.A. Shitshov. Izv. vuzov ucheb. zav. i spets. tekhn.
no. 8:187-192 '65.

FLIES see subdivision under Tashkent

FLIES—EXTERMINATION

- Effect of beta rays on the larvae of the housefly. V.D.
Bubnov, I.S. Ivashkov. Trudy VNIIVS 21:338 '64.

FLIGHT

- Method of sequential approximations for the solution of
variational problems in flight mechanics. I.U.Z.
Alashov. Avtom. i telem. 26 no. 10:1657-1661 O '65.

FLIGHT TRAINING

- Flight training of cadets. I.U. Riazanov. Av. i kosm. 48
no. 11:86-70 N '65.
- Staff, planning, flights. I.U. Tsubitov. Av. i kosm. 48
no. 11:8-21 N '65.

FLOATING DOCKS—EQUIPMENT AND SUPPLIES

- One variant of the use of collapsible packings in the dock-
ing of ships. I.V. Butochnikov. Trudy Kal'tekhn. inst.
ryb. prom. i khoz. no. 18:124-127 '63.

FLOCCULATION

- Flocculation of Candida utilis and Candida tropicalis
yeasts and its relation to flotation. M.I.A. Kakhuzhnyi,
G.M. Petrushko, G.P. Novikova. Mikrobiologiya
34 no. 5:918-924 S-O '65.

FLOODS see subdivision under Novolazavskaya

Station, Antarctica; Orenburg Province

FLOOR COVERINGS

- Kizelov, M.F. [Anticorrosion coatings for floors] Anti-
korroziionnye pokrytiya polov. Leningrad, 1965. 36 p.
(Leningradskii dom nauchno-tekhnicheskoi propagandy.
Proizvodstvennyi opyt. Seriya Stroitel'nye materialy
i konstruktsii)

FLOORS

- Experimental floors of sheet slag pyroceramics for
industrial buildings. P.I.A. Titareva. Stroitel. arkhitekt.
Urb. 6 no. 10:13-15 O '65.
- How to cast a suitable floor. S.Ivanov. Izobr. i raiz.
no. 7:13, 18 '65.
- Production of polymer construction materials for floors.
I.A.I. Smil'. Biul. stroitel. tekhn. 27 no. 9:34-36 S '65.

FLOORS—MAINTENANCE AND REPAIR

- Mechanisms for repairing floors. I. Makhlovskii. Zhil.
i khoz. khoz. 16 no. 9:7-8 S '65.

FLOORS, CONCRETE

- Gypsum cement concrete panels for floor foundations.
G.Gol'dberg, A. Romanov. Zhil. i khoz. 16 no. 6:18-19
'65.
- Individual floor elements for the general repair of
buildings. V.S. Kozlov. Gos. khoz. stroit. 10 no. 12:
36-38 Ag '65.

FLORICULTURE

- Methods of improving floricultural operations in the
European part of the southeastern R.S.F.S.R. L.A.
Andrianova. Sborn. nauch. trud. VNI AKKH no. 2:117-
118 '61.

FLOTATION

- Effect of the pH of the medium on the adsorption of
octadecylamine acetate on potassium and sodium chlor-
ides and sulfates. M.M. Pavlovskii, E.I. Litvinova,
K.N. Ivanova. Dokl. AN SSSR 164 no. 8:520-524
Ag '65.

- Flocculation of Candida utilis and Candida tropicalis
yeasts and its relation to flotation. M.I.A. Kakhuzhnyi,
G.M. Petrushko, G.P. Novikova. Mikrobiologiya 34
no. 5:918-924 S-O '65.

- Flotation recovery of copper from converter slag at the
Mednogorsk plant. N.I. Kovaleva, E.A. Rukhina,
I.A. Sitnikov. TSvet. met. 38 no. 6:42-43 Je '65.

- Peculiarities of the flotation of iron oxides from
magnetic separation tailings at the Central Mining
and Ore Dressing Combine. B.V. Malygin. Gor.
zhur. no. 8:66-67 Ag '65.

FLOTATION—EQUIPMENT AND SUPPLIES

- Testing new reagents, cheaper than oleic acid, on the
mineral complex of burlin ore. I.D. Chuganov. Trudy
KIMS no. 5:13-11 '63.

FLOTATION—TESTING

- Flotability of nonmetallic minerals by domestic cationic
collectors. I.D. Chuganov. Trudy KIMS no. 6:117-
124 '63.
- Studying the interaction of tall oil soap with barite,
celite, and quartz by the methods of infrared
spectroscopy and the electrokinetic potential. I.D.
Chuganov. Trudy KIMS no. 5:11-20 '63.

FLOTATION, EFFECT OF RADIATION ON

- Effect of nuclear radiation on the flotation process. A.Y.
Ishodov, V.P. Kuratulin, M.M. Uchinskii. TSvet.
met. 38 no. 6:11-14 Je '65.

FLOUR—TRANSPORTATION

- Promote flour transportation without containers.
L.Zadovnyi. Av. i kosm. 48 no. 10:12-14 O '65.

FLOUR AND GRAIN SACKS see subdivision under Kuybyshev

FLOUR MILLS

- (see also subdivision under Frunze; Moscow)
- Make better use of the possibility of improving the
quality of flour and increasing the production capacity
of flour mills. I. Prideman, V. Belikov, L. V. Belikov.
Mak. i kol. prom. 31 no. 8:15-16 S '65.
- Socialist competition and the organization of labor at
flour mills of the Russian Federation. Mak. i kol.
prom. 31 no. 8:1-7 S '65.

FLOWER ARRANGEMENT

- Flowers and plants in interiors. D.A. Denikova. Stroitel.
i arkhitekt. Len. 27 no. 9:34-35 S '65.

FLOWERING OF PLANTS see Plants, Flowering of

FLOWMETERS

- All-Union conference of institutions for higher education
of measurements of the consumption of liquids, gases
and granular materials. I.N. Kravov, I.D. Volynskii.
Izv. tekhn. no. 8:58 S '65.

- Bucket-type flowmeter. N.G. Agabekov, I.A. Anisimov,
E.R. Tishkovich. Neft. khoz. 43 no. 6:51-59 S '65.

- Method for investigating wells with carbonate reservoirs
using subsurface flow meters. V.A. Zverev.
Nefteprom. delo no. 3:11-14 '65.

- RMS-1 flowmeter. N.I. Balmin, I.P. Polkanov. Trudy
Ufim. nauch. inst. 10 no. 2:55-57 '61.

- Using a standard flowmeter for measuring two-phase
flows in flowing oil wells. F.A. Alizade and others.
Azot. i nef. khoz. 44 no. 6:33-36 Ag '65.

FLUE GASES—PURIFICATION

- Condensation dust collectors for gas purification. A.V.
Shelekova and others. Metallurg 10 no. 10:14-15 O '65.

FLUID DYNAMICS

- Bubbling boundary in compressor cascades. R.M. Fedot-
ov. Izv. AN SSSR, Energ. i mash. no. 4:101-07 Ji-Ag
'65.

- Different types of turbulence in highly elastic liquids.
V.N. Manin, G.V. Vinogradov. Koll. zhur. 27 no. 5:
704-705 S-O '65.

FOUNDRY SAND see Sand, Foundry

FOURIER SERIES

Convergence of double Fourier series. Sh. P. Pandzha -
Dokl. Akad. Nauk SSSR 39 no. 11:11-11 1965

FOXES see subdivision under Kyzyl-Agash Preserve

FOXTAIL see subdivision under Crimea

FRACTIONAL DISTILLATION see Distillation,
Fractional

FRACTURE OF SOLIDS

Beam approximation to the theory of cracks. V. M.
Eshov, R. L. Siganik. Izv. AN SSSR, Mekh. no. 5:95-102
5-O '65.

Critical loads on igniting cracks at the boundary of an
elliptical hole. I. U. Babich, A. A. Kaminskii. Prikl.
mekh. 1 no. 9:124-127 '65.

Fracture of brittle bodies under flat stressed state con-
ditions. V. V. Parnitskiy. Prikl. mekh. 1 no. 9:26-31
'65.

FRACTURES

Changes in the formation of the emboplastic in fractures.
A. S. Matskiy. Probl. gemt. i perel. k oval. no. 5:34-37
'65.

Use of local additional anesthesia in injuries of the bone
apparatus and soft tissues. S. N. Muratov. Ostrop.,
travm. i protez. 26 no. 5:37-10 My '65.

FRANCE—ECONOMIC CONDITIONS

France: the class struggles intensify. Sov. profsoyuz
IU, Rubinskii 21 no. 21:36-37 N '65

FRANCE—ELECTION LAW

The French electoral system. M. Annot'ev. Me-
zhdunar. zhizn' 12 no. 11:145-147 N '65

FRANCE—ELECTRIC CABLES

Construction of power cable lines with potentials up to
15 kv. in France. T. G. Timofeev. Prom. energ. 20
no. 10:45-47 O '65.

FRANCE—FOREIGN RELATIONS—EGYPT

Marshal Amer in Paris. D. Dimin. Nov. vsem 23
no. 44:14-15 O '65.

FRANCE—FOREIGN RELATIONS—UNITED STATES

France and the U.S.S.R. Nov. vrem. 23 no. 45:16-17 N
'65.

FRANCE—INVESTMENTS

The investment policy of France. L. Krasavina. Mti.
ekon. i mezhdunar. otn. no. 11:117-118 '65.

FRANCE—LABOR AND LABORING CLASSES

France: the class struggles intensify. Sov. profsoyuz
IU, Rubinskii 21 no. 21:36-37 N '65

FRANCE—MINE FILLING

Hydraulic mine filling in France and India. A. I. Kova-
lova, A. S. Belashina. Met. i gornoz. prom. no. 4:87-88
11-Ag '65.

FRANCE—POLITICS AND GOVERNMENT

The pre-election situation in France. P. Filimov. Nov.
vrem. 23 no. 47:20-22 N '65.

Prospect for consolidation of left forces. T. Ievlova.
Mezhdunar. zhizn' 12 no. 11:110-111 N '65.

Reform of local representative organs in France, 1959-
1964. V. P. Sechenovskiy. Izv. vys. uchob. zav.; priy.
9 no. 1:51-58 '65.

FRANCE—TURBINES

Large turbine units of England and France and principal
trends in the development of the turbine industry in
these countries. S. L. Zil'bershteyn. Energomashino-
stroitel. 11 no. 8:43-48, 3 of cover Ag '65.

FRANCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Participation of Soviet citizens in the resistance move-
ment in France in the years of the Second World War.
G. Neebacz. Voenn.-ist. zhur. 7 no. 6:37-50 Ja '65.

FRANGULA

Content of anthracene derivatives in the bark of alder
buckhorn. Report No. 1. K. L. Stukkel, P. G. Smoln-
skaya, G. I. Zmeeva. Rast. res. 1 no. 3:369-372 '65.

FRANKO, IVAN, 1856-1916

Vocative sentences based on the language of I. Franko's
prose. I. Z. Petlychyni. Vnyk. L'viv. un. Ser. filol.
no. 3:65-70 '65.

FRAUD

Distinguishing between fraud and contiguous offenses
G. Borzenkov. Sov. iust. 20 no. 10:18-20 O '65.

FRAUNHOFER LINES

Emission transfer in a spectral line. V. V. Ivanov.
Uch. zap. LGU no. 328:44-65 '65.

FREEDMEN see subdivision under Athens

FREEZE-DRYING

Seminar on the theory and techniques of food drying by
sublimation. I. A. Ganzulova. Kons. i ev. prom. 20
no. 10:47 O '65.

FREIBURG, EAST GERMANY—MINING ENGINEERING— STUDY AND TEACHING

The 200th anniversary of the mining academy of Frei-
burg. D. M. Ogloblin. Vest. vys. shkoly 23 no. 10:79-
80 O '65.

FREIGHT AND FREIGHTAGE

(see also subdivision under Magadan Province,
Russia, Northern)

Effect of the concentration of freight operations at rail-
road stations on the economic indices of automotive
transportation. E. Zakhda, T. Drizina. Avi. transp. 13
no. 10:35-37 O '65.

Role of the transportation and economic balance in the
planning of transportation. B. I. Shafitkin. Zhel. dor.
transp. 47 no. 10:66-70 O '65.

FREIGHT AND FREIGHTAGE—COSTS see subdivision
under Europe, Eastern

FREIGHTERS

Basal for the architectural and constructional type of
specialized vessels for livestock transportation. P. A.
Malyi, M. M. Rybakalaka. Trudy LITV no. 65:36-48
'64.

Basal for the specific cargo carrying capacity and
analysis of the use of mass-produced cargo motor ships.
A. I. Murav'ev. Trudy LITV no. 65:49-50 '64.

FRENCH LANGUAGE—DICTIONARIES—RUSSIAN

Malakhovskii, I. A. E., and G. I. Gol'dberg, comps.
[French-Russian motor-vehicle and tractor dictionary]
[Frantsuzsko-russkii avtomobil'nyy slovar']. Red. S. D.
Zhel'tkov. Moskva, Sovetskaya Entsiklopediya, 1965.
450 p.

FRENCH LITERATURE—HISTORY AND CRITICISM

Works of Marie de Gournay, called the daughter of
Montaigne, from the histor. of the literary struggle
in France at the beginning of the 17th century. U. B.
Vipper. Vest. Mosk. un. Ser. 7 Filol., zhur. 20 no. 5
16:32 5-O '65.

FRENCH POETRY—HISTORY AND CRITICISM

Young poetry of France. E. Popova. Vop. lit. 9 no. 10:
139-145 O '65.

FREONS

Thermodynamic properties of a dibutyl phthalate solution
of freon 22. V. M. Seliverstov. Trudy LITV no. 75:
15-22 '64.

Use of a binary mixture of freon 22 and freon 142 in
refrigerating units. V. M. Seliverstov, V. B. Mirkhin.
Trudy LITV no. 69:32-31 '64.

FREQUENCY CHANGERS

Analysis of the operation of the master oscillator of a
static frequency converter. G. N. Vorolomeev. Trudy
OMIT 42:117-120 '63.

Counting down of pulses by the diagram of a parallel
connection of dividers. K. M. Sobolevskii, T. N. Mantush.
Izv. vys. uchob. zav., prib. 8 no. 6:3-9 '65.

Frequency division using a nonlinear capacitance. K. A.
Somolov, T. S. Fedosova, I. N. Gorbunov. Trudy MEI
55:129-131 '65.

Frequency division using a nonlinear capacitance and a
negative resistance. K. A. Somolov, T. S. Fedosova,
I. N. Gorbunov. Trudy MEI 55:115-132 '65.

Study of signal limiting in a regenerative frequency con-
verter. T. F. Lulimova, B. Z. Konevskii, V. S. Eskin.
Radiotekhnika 20 no. 5:70-75 My '65.

Transistorized frequency converter. G. I. Shvachenko,
V. V. Popov, I. V. Pionin. Trudy MEI 55:15-32 '65.

Transistorized frequency converter for the power supply
of fluorescent lamps. V. A. Iebutsev, G. M. Gorbachev,
A. A. Savol'teva. Trudy MEI 55:73-80 '65.

FREQUENCY MEASUREMENTS

Automatic wide-band frequency meter in microwave
range. G. I. Gladyshev, V. M. Chmeria. Izv. tekhn.
no. 9:47-49 S '65.

Measuring the effective transmission band of resonance
system frequencies. L. P. Kornov, A. A. Krivetskii,
Izv. vys. uchob. zav., prib. 8 no. 5:18-21 '65.

Wide-range calorimetric superhigh-frequency power
meter. V. I. Pronenko. Izv. tekhn. no. 9:41-17 S
'65.

FREQUENCY REGULATION

Applicability of stability criteria obtained by an averaging
method to the study of automatic phase frequency
control with proportionally-integrating filter. I. N. N.
Bakaeov. Radiotekh. i elektron. 10 no. 10:1918 O '65.

Determination of the lock band of an automatic phase
frequency control system with a phase modulated refer-
ence signal. V. V. Shakhmurov. Radiotekh. i
elektron. 10 no. 10:1753-1754 O '65.

Statistical characteristics of automatic phase frequency
control. V. I. Tikhonov, B. I. Shakhmurov. Avtom. i telemek.
26 no. 9:1693-1678 S '65.

FRESHWATER BIOLOGY see subdivision under
Mingchehar Reservoir

FRESHWATER FAUNA

(see also subdivision under Kakhovka Reservoir,
Moldavia, Soviet Far East)

Chlorophyll, carotenoid, vitamin C and content in some
freshwater algae and invertebrates collected in nature.
N. B. Laviyovskaya. Trudy VNIPIK 13:113-119 '65.

FRESHWATER FISHES see Fishes, Freshwater

FRESHWATER FLORA

Induced synthesis of enzymes in the leaves of semi-
terrestrial plants. B. A. Rubin, L. N. Loginova. Fiziol.
rast. 12 no. 3:386-389 My-Je '65.

FRETING CORROSION

Molecular and kinetic phenomena and processes of de-
carbonylation, nitration, hydrogen absorption and
oxidation in dry friction. A. A. Dychevko, K. A. Dychevko.
Trudy OMIT 43 pt. 2:67-90 '61.

FRICTION

Analytical dependence of the coefficient of friction on the
thickness of oxide and soft metal films applied to the
surface of friction. A. A. Dychevko. Trudy OMIT 43
pt. 2:27-35 '63.

Coefficient of friction in impact load and role of thin
films in the distribution of contact stresses. A. A.
Dychevko. Trudy OMIT 43 pt. 2:15-25 '61.

Coefficient of internal friction in drums with a high degree
of filling. V. I. A. Valuskiy. Izv. vys. uchob. zav., prib.
tekhn. no. 5:119-121 '65.

Dependence of the coefficient of friction on the molecular
and kinetic processes in dry friction. A. A. Dychevko.
Trudy OMIT 43 pt. 2:50-74 '63.

Determining the value of the static friction coefficient
at high pressures. L. A. Feldman. Izv. vys. uchob.
zav., prib. tekhn. no. 6:36-41 '65.

Effect of relative friction on the dynamic characteristics
of one. A. A. Dychevko. Trudy OMIT 43 pt. 2:5-10
'63.

Effect of stresses in the friction surface layer of bodies
on the coefficient of friction and wear. A. A. Dychevko.
Trudy OMIT 43 pt. 2:107-110 '63.

Effect of the difference in the potentials of the friction
surface of metals on the coefficient of friction. A. A.
Dychevko. Trudy OMIT 43 pt. 2:117-125 '63.

Kostetskii, D. I., and I. G. Nosovskii. [Wear resistance
and antifriction properties of machine parts] [Izno-
stoikost' i antifrictionsnaya detalей mashin]. Kiev,
Tekhnika, 1955. 205 p.

Studying the coefficient of friction at low temperatures.
A. A. Dychevko. Trudy OMIT 43 pt. 2:211-220 '63.

Theory of the friction of elastic vibrations determining the
dependence of the first displacement of the module of
elasticity, velocity, pressure, area, roughness, and
temperature. A. A. Dychevko. Trudy OMIT 43 pt. 2:37-
56 '63.

FRICTION MATERIALS

An antifriction material on the basis of steel chips.
S. I. Stepanov. Porosh. met. 4 no. 5:81-86 8-O '64.

Unequal wear of nonmetallic friction specimens. V. D.
Dvaladze. Izv. vys. uchob. zav., prib. tekhn. no. 6:
83-85 '65.

FITILLARIES (BOTANY)

Analysis of some developmental characteristics of the
Fitillaria-type embryo ant. I. D. Romanov. Bot. zhur.
50 no. 9:1276-1287 S '65.

FROLOV, VALERIAN ALEKSANDROVICH, 1895-1961

Commander of the Karelian front Colonel General V. A.
Frolov. L. Skvitskii. Voenn.-ist. zhur. 7 no. 6:129-133
Ja '65.

FRONTS (METEOROLOGY) see subdivision under
Ukraine

FROST

(see also subdivision under Chu Valley; Georgia;
Talas Valley)

Kochetov, S. P. [Frost injury to fruit plantations and the
struggle for large crops] Podmerzhanie plodovykh
nasazhdenii i bor'ba za vysokii urozhai. [Moskva]
Mosk. rabochii, 1965. 69 p.
(DNAL)

FROST PROTECTION

New methods for protecting seedlings in forest nurseries
from spring frost. V. Dushchek. Rast. v les. khoz.
no. 1:21 '64.

FROZEN GROUND

(see also subdivision under Chita Province; Indigirka
Valley; Lena Delta; Siberia; Soviet Far East; Tien Shan)
Effect of heated buildings on the depth of ground freezing.
Zhil. stroit. no. 6:12 '65.

Experimental investigation of cutting conditions of frozen
grounds with an earth-digging machine. O. D. Akmov,
I. G. Bnsov, E. F. Zolinger. Stroit. i dor. mash. 10
no. 0:1-4 S '65.

Improving the performance of wheel-type excavators
in cutting frozen grounds. M. A. Dvoinykh. Stroit. i dor.
mash. 10 no. 0:6-7 S '65.

FUR-BEARING ANIMALS—DISEASES AND PESTS

Abortions in pregnant fur-bearing animals with toxemia. D. P. Managorov. Veterinarika 42 no. 10 71-72 O '65.

FUR FARMING

see subdivision under Krasnoyarsk Territory

FUR TRADE

see subdivision under East Kazakhstan Province

FURFURALHYDE—ANALYSIS

Determining furfural content of technical furfural. T. I. Goldovskaya, V. G. Kul'nevich. Izv. vuz. ucheb. zav., khim. tekhn. no. 5, 205-208 '65.

FURAN

5,5-Dimethyl-2,4-diphenyl 2,5-dihydrofuran. L. A. Pavlova and others. Zhur. obshch. khim. 36 no. 10 1600-1601 S '65.

Furan compounds are making progress. A. Belokh-Kadysh, S. Bulavina. Stroitel'stvo Uzb. 6 no. 3 44-46 M '65.

Reactivity of 5-nitro-2-chloromethylfuran and 5-nitro-2-chloromethylphenol. M. A. Gal'bershtam and others. Vest. Mosk. un. Ser. 2 Khim. 20 no. 4 83-85 M-Ag '65.

FURNACES

Choice of alternatives in redesigning draft and blast machines. V. I. Rubinov. Elek. sta. 36 no. 11 20-30 N '65.

Increasing the operational efficiency of output cyclones. R. I. Pomirchik. Inzh. tekhn. 13 no. 10 8-9 O '65.

Magnitude of heat loss due to incomplete combustion in pulverized coal furnaces. V. E. Rappoport, A. L. Kovalenko. Elek. sta. 36 no. 10 31-32 O '65.

Performance of round turbulent burners in the furnace of the TP-230-2 boiler operating on anthracite oil. I. T. Zhukov, A. V. Poletov. Elek. sta. 36 no. 11 20-25 N '65.

Stability of the motion of a liquid in rotary nozzles. A. S. Lyshchinskii. Izv. vuz. ucheb. zav., energ. 8 no. 10 81-81 O '65.

Study of the burning of solid fuels in intersecting streams. A. S. Ippolitov, B. S. Beloslavskii, G. F. Bystritskii. Teploenergetika 12 no. 10 38-41 O '65.

FURNACES, HEATING—DESIGN AND CONSTRUCTION

Heat-engineering peculiarities in controlling thermal conditions of holding furnaces with nonoxidizing heating. N. I. Tait, V. N. Astashev. Met. i gor. 1 no. 4 30-40 M-Ag '65.

Standard semi-continuous heating furnaces. I. G. Shtanovskii. Kur. shch. prom. 6 no. 9 37-41 S '64.

FURNITURE

(see also subdivision under Ukraine)

New furniture models recommended for production. P. M. Petrienko, E. S. Lyudskovskii, S. N. Melamed. Hum. i der. prom. no. 1 26-28 Ja-Mt '65.

FURNITURE—CATALOGS

Moscow. Tsentral'nyi nauchno-issledovatel'skii i projektirovatsionnyi institut tipovogo i eksperimental'nogo projektirovaniya stolov, stolovnykh uchrezhdenii, srednikh i vysshikh uchebnykh zavedenii. [Furniture of public buildings, a catalog. Based on the results of the 2d All-Union Contest for "Furniture for apartment and public buildings." Mebel' obshchestvennykh zdaniy, katalog. Po itogam 2-go Vsesoyuznogo konkursa "Mebel' zhilykh i obshchestvennykh zdaniy." Moskva, Stroiizdat, 1965. 189 p. illus.]

FURNITURE—FINISHING

Fur, A. I. [Finishing and upholstering of furniture. Otkrytiya i izvyeniye mebeli. Moskva, Lesnaya promyshlennost', 1965. 157 p.]

FURNITURE INDUSTRY

(see also subdivision under Germany, East; Peremyshl'; Kaluga Province; Ukraine)

Characteristics of pore fillers used in the furniture industry. N. V. Andreeva, G. I. Kulianin. Der. prom. 14 no. 8 28-31 Ag '65.

Make more extensive use of larch in the furniture industry. O. V. Kochenovskii. Der. prom. 14 no. 8 20 Ag '65.

FUROCOUMARIN

Chemical study of brominated Pseudotsuga taureum M. B. and Pseudotsuga calcarea Alb. D. I. Baranovskaya, G. K. Nikonov. Apt. delo 14 no. 1 25-28 Ja-T '65.

FUSARIUM

Fusarium wilt of potatoes and its control. S. T. Babentsov. Trudy Kuz. NIIZR 8: 389-391 '64.

FUSED SALTS

Capture of impurities in oriented and volume crystallization. A. N. Kirilov, T. G. Avvakumov. Zhur. neorg. khim. 10 no. 9 2187-2191 S '65.

Dissolution of hydrogen chloride in fused salts. I. A. Ukhachev, V. N. Deviatkin. Zhur. fiz. khim. 39 no. 9: 2289-2291 S '65.

Interaction of metallic cerium with its fused chloride and the equilibrium constant of the reaction $Co(l) + 2CeCl_3(molten) \rightleftharpoons 2CeCl_2(molten)$. M. V. Smirnov, V. S. Ilov. Elektrokhimika 1 no. 7 833-838 M '65.

Investigating cathode products and the electrolyte following electrolysis of titanium dioxide in fluoride-chloride melt. N. A. Baitenov, A. I. Mitov, P. I. Kozlov. Trudy Inst. met. i obog. AN Kazakh. SSR 12 65-70 '65.

Role of a melt in the process of oxidizing roasting of chromite charges. I. I. Kozlov, A. I. Vukobratov. Zhur. prikl. khim. 38 no. 6 1205-1211 Je '65.

Viscosity of melts of the system $MgCl_2 - NaCl - BrCl_2$. N. V. Bondarenko, Kh. L. Serelets. Zhur. prikl. khim. 38 no. 6 1273-1279 Je '65.

FUSED SALTS—DENSITY

Density and molar volumes of melts in the ternary system of sodium, potassium, and barium chlorides. G. A. Bukharova, I. S. Magabian. Zhur. neorg. khim. 10 no. 9 2132-2135 S '65.

FUSED SALTS—ELECTRIC PROPERTIES

Conductance of melts of the system $Li_2Ca(NO_3)_2 \cdot NO_3$. P. L. Protchenko, R. P. Shisholina. Elektrokhimika 1 no. 9 1064-1071 S '65.

Equilibrium potentials of zirconium in molten lithium chloride. M. V. Smirnov, V. A. Kudakov. Izv. vuz. ucheb. zav.; inzh. met. 8 no. 5 82-88 '65.

FUSED SALTS—THERMODYNAMICS

Thermodynamic properties of fused salt mixtures. Part 5: Conditionally ideal systems. N. I. Larym-Agacv. Zhur. fiz. khim. 39 no. 9 2106-2113 S '65.

GADOLINIUM—MAGNETIC PROPERTIES

Magnetic properties of gadolinium under high pressure at elevated temperatures. K. P. Ilov and others. Pis'ma v red. Zhur. eksp. i teoret. fiz. 1 no. 2 8-11 Ap '65.

GADOLINIUM OXIDES

Catalytic properties of gadolinium oxide in dehydrogenation and dehydration reactions of alcohols and dehydrogenation of tetralin. A. A. Tolstolapov, K. D. Turykova, P. N. Hatan [P'ing P'ing]. Izv. AN SSSR Ser. khim. no. 10 1751-1758 '65.

GAGEA

Biology of Gagea panchica Turcz. I. I. Kashin. Uch. zap. Kazan. gos. ped. inst. 24 no. 6 101-108 '63.

GAGES

see Gauges

GALANTHAMINE

Ion exchange method for obtaining galanthamine from plant raw material. A. Inegomov, N. H. Hizev. Izv. vuz. ucheb. zav., khim. i khim. tekhn. 8 no. 3 185-187 '65.

GALANTHUS

see Snowdrops

GALAXIES

Antinuclear and the evolution of the magnetism. Kh. Al'ten. Astron. zhur. 42 no. 5 673-682 S-O '65.

Deformation of the plane of absorbable matter in galaxies. Astron. zhur. A. V. Zaslav. Astron. zhur. 42 no. 5 689-692 S-O '65.

Determining masses of rotating galaxies. T. A. Aganin, T. D. Iakovleva. Uch. zap. LGU no. 328 139-145 '65.

Distribution of Sculptor type dwarf systems in the cluster of galaxies in Virgo. I. D. Korotchenkov. Astrofizika 1 no. 2 203-211 Je '65.

Nuclei of barred galaxies. G. M. Tovmassian. Astrofizika 1 no. 2 197-207 Je '65.

Quasi-stellar objects and the Seyfert galaxies. I. S. Shklovskii. Astron. zhur. 42 no. 5 693-692 S-O '65.

Relativistic electrons in the galaxy M82. V. L. Ginzburg, L. M. Orlov, S. I. Syrovatskii. Izv. AN SSSR Ser. fiz. 20 no. 10 1825-1829 O '65.

GALAXY

see Milky way

GALEGA

Phenol composition of the glass Galega effluvia. L. O. Lajnyak. Farmatsevt. zhur. 20 no. 1 87-92 '65.

GALICIA—HISTORY—SOURCES

Chronicles of the 16th to the 18th century in Galicia. I. P. Kryp'lyakovich. Ist. dzh. i fil. vyk. no. 1 63-80 '61.

GALKINA—FEDORUK, LYDOKHA MIKHAILOVNA, 1898-1965

Professor Lydoka Mikhailovna Galkina-Fedoruk; an obituary. V. V. Vinogradov. Izv. AN SSSR Ser. lit. i izn. 24 no. 5 463 S-O '65.

GALL GNATS

Role of the larval diapause in the regulation of the progeny of Slenodiplosis bronialis Mar. et Ag. (Diptera, Ronididae). Z. A. Agafonova. Trudy VIZH no. 20 p. 1: 70-75 '64.

GALLBLADDER

Exocrine function of the pancreas and the contracting function of the gallbladder and pyloric sphincter in peptic ulcer. P. V. Smolichovets. Fiziol. zhur. [Ukr.] 11 no. 4 401-407 M-Ag '65.

GALLBLADDER—DISEASES

Effect of cholecystitis and angiocholitis on the course of typhoid and paratyphoid diseases. A. P. Kazantsev. Sov. med. 23 no. 3 85-89 M '65.

Electrocardiographic observations in hepatocholycystitis. Z. I. Dolzhenko, K. T. Gajdarin. Zhur. eksp. i klin. med. 5 no. 1 71-77 '65.

Latest results of sanatorium treatment of ulcerous diseases of the stomach and duodenum. I. I. Konovalev. Shch. nach. i zh. v. ch. san.-kur. uch. prof. no. 1 98-91 '64.

Results of compound treatment of gallbladder and liver diseases at "Baltika" sanatorium. L. A. Tsvetkova, E. A. Vina. Shch. nach. i zh. v. ch. san.-kur. uch. prof. no. 1 118-120 '64.

Tubage as a means of increasing the effectiveness of electro- and mud therapy in chronic infectious cholecystitis. P. G. Soudatovich and others. Shch. nach. i zh. v. ch. san.-kur. uch. prof. no. 1 132-135 '64.

GALLBLADDER—INFLAMMATION

Lymphatic vessels of the gallbladder: following experimental inflammation in rabbits. M. A. Dolgova. Akh. med. i g. i. embr. 19 no. 1 89-105 M '65.

GALLBLADDER—TUMORS

Case of primary sarcoma of the gallbladder. I. I. Zhilinsk. Arkh. pat. no. 10 50-51 '64.

GALLIUM

Anion-exchange study of gallium behavior in hydrochloric acid solutions. I. G. Shishkova, I. P. Al'manin, P. P. Tshishevich. Vest. Mosk. un. Ser. 2 Khim. 20 no. 4 70-72 M-Ag '65.

GALLIUM—ELECTROMETALLURGY

Effect of vanadium on the electrodeposition of gallium on a gallium cathode. Report no. 2. A. I. Zorubina, G. A. Romanov, L. A. Saltovskaya. Trudy Inst. met. i obog. AN Kazakh. SSR 12 11-16 '65.

Electrodeposition of gallium on a gallium cathode from industrial aluminate solutions. Report no. 3. Trudy Inst. met. i obog. AN Kazakh. SSR 12 49-51 '65.

Electrolysis of gallium with a gallium cathode. Report no. 1. A. I. Zorubina, G. A. Romanov, L. A. Saltovskaya. Trudy Inst. met. i obog. AN Kazakh. SSR 12 12-10 '65.

GALLIUM—METALLURGY

Gallium cementation from alkali solutions. E. I. Shalavina, T. D. Guseva. Trudy Inst. met. i obog. AN Kazakh. SSR 12 57-57 '65.

GALLIUM ARSENIDE CRYSTALS

Exposure of inhomogeneities in the distribution of impurities in gallium arsenide crystals. A. V. Berkova, M. G. Mul'dakii, V. B. Ovenskii. Zav. lab. 31 no. 9 1095-1096 '65.

GALLIUM ARSENIDES

Anodic dissolution of gallium arsenide. E. A. Litvinov, I. G. Lyudskovskii. Elektrokhimika 1 no. 7 810-821 M '65.

Hall effect, transducers from n-type gallium arsenide. N. V. Zolova, D. N. Nandrov, O. M. Nessel. Zhur. tekhn. fiz. 35 no. 9 1672-1677 S '65.

GALLIUM COMPOUNDS—OPTICAL PROPERTIES

Optical absorption in thin films of the system $GaTe_2 - Ga_2Se_3$. V. P. Mushinskii, K. M. Mushinskii, V. I. Gramatskii. Uch. zap. Kazan. un. 75 33-38 '64.

GALLIUM TELLURIDES—OPTICAL PROPERTIES

Optical and photoelectric properties of GaTe single crystals. V. I. Gramatskii. Uch. zap. Kazan. un. 75 39-42 '64.

GALLIUM TELLURIDES—PHOTOELECTRIC PROPERTIES

Optical and photoelectric properties of GaTe single crystals. V. I. Gramatskii. Uch. zap. Kazan. un. 75 39-42 '64.

GALVANOMETER

Integrating galvanometer. V. N. Matukhov. Priboi i stroenie no. 9 12-13 S '65.

Using the F-12 photoamplifier for increasing the sensitivity of galvanometers. B. K. Vasilchenko. Izv. tekhn. no. 6 61-62 S '65.

GALVANOMETER—TESTING

Checking the state of galvanometers of the N-700 circuit. N. I. Kolesov. Inzh. tekhn. 13 no. 10 20-21 O '65.

GAME AND GAME BIRDS

(see also subdivision under Kalinin Province, Ryazan Province; Siberia)

"Give more attention to game breeding!" Zakup. sel'khoz. prod. no. 6 52-53 M '65.

GAME AND GAME BIRDS—MAPS

Methods of map drawing based on fur procurement data. V. M. Neronov. Izv. MOIP. Od. biol. 70 no. 4 7-15 My-Je '65.

GAMES, THEORY OF

Analysis of the expediency of the use of electric power distribution networks in the capacity of communication channels using the theory of games technique. E. A. El'darov. *Avtomatizirovaniye* 26 no. 10, 1757-1763 O '65.

Determination of optimum calculation mechanical loads of overhead electric power transmission lines based on the statistical theory of games. V. G. Kadeishvili. *Izv. AN SSSR, Energ. i transp.* no. 4, 63-68. *Ji-Ag* '65.

GAMMA GLOBULIN

Immunochemical analysis of the products of the splitting of bovine γ -globulin with pyridine. N. E. Kuchinskii, A. I. Polubinskii, V. S. Tyutov, *Biokhimiya* 30 no. 5, 1065-1070 S-C '65.

GAMMA RAYS

Addition of molecular nitrogen to perchlorohydrocarbons subjected to ionizing radiation. I. V. Veishechinskii, A. T. Podchaluzin. *Dokl. AN SSSR* 165 no. 1, 107-109 R '65.

GAMMA RAYS—EFFECT ON PLANTS see *Plants, Effect of gamma rays on*

GAMMA RAYS—EFFECT ON SEEDS see *Seeds, Effect of gamma rays on*

GAMMA RAYS—PHYSIOLOGICAL EFFECT

Nature of the effect of gamma rays of varying intensity on the frequency of the formation of chromosomal aberrations in mammalian liver cells. N. I. Nuzhdin, L. S. Kurnishev. *Trudy Inst. gen.* no. 32, 257-265 '65.

Protection of macromolecules against the realization of radiation-induced latent injuries. L. Kh. Eidus, G. K. Oiarova. *Dokl. AN SSSR* 164 no. 5, 1171-1174 O '65.

GAMMA RAYS—THERAPEUTIC USE

Late results of treatment of so-called mixed tumors of the parotid gland according to materials of the P. A. Gershen State Oncological Institute for the period 1945-1962. E. S. Kiseleva, S. L. Dar'jalova. *Voprosy onkol.* 11 no. 10, 100-105 '65.

GAMMARIDAE see *subdivision under Dniester River*

GAMMARIDAE—FOOD see *subdivision under Black Sea*

GANGLIONIC BLOCKING AGENTS

Comparative effectiveness of some new ganglionic blocking agents (piperidine derivatives) in the treatment of hypertension. E. V. Erina. *Kardiologiya* no. 3, 29-33 '65.

Effect of ganglionic blocking agents on the course of experimental pulmonary embolism. L. I. Antonenko. *Fiziol. zhur. [Ukr.]* 11 no. 4, 534-537 *Ji-Ag* '65.

GANGLIOSIDES

Cerebral gangliosides. M. I. Prokhorova and others. *Ukr. biokhim. zhur.* 37 no. 5, 778-786 '65.

GARDEN PESTS

Nematode garden pests. E. Savdzorg. *Zashch. rast. ot vreditel.* 10 no. 7, 49-50 '65.

GARLIC see *subdivision under Kazakhstan*

GARNET

Ferro-magnetic resonance in single crystals of the garnet $\text{Bi}_2\text{O}_3 \cdot 2\text{Fe}_2\text{O}_3 \cdot 3\text{V}_2\text{O}_5$. B. E. Rubinshtein, A. G. Titova. *Fiz. tverd. tela* 7 no. 9, 2887-2888 S '65.

GARPIKES see *subdivision under Tonkin, Gulf of*

GAS see *subdivision under Germany, East*

GAS, NATURAL

(see also *subdivision under Apsheron Peninsula, West Siberian Plain*)

Model of a reactor for the production of acetylene from natural gas. A. Ambatsuman and others. *Prom. i inzh.* 8 no. 7, 27-29 *Ji* '65.

GAS, NATURAL—GEOLOGY

(see also *subdivision under Apsheron Peninsula; Caucasus, Northern; Mugodzhaz Hills region; Taymyr Peninsula, West Siberian Plain*)

Estimating gas yield and reserves in the elastic-water drive development of gas pools. P. T. Shmygla, G. V. Rassokhin. *Gaz. delo* no. 2, 3-7 '65.

Mirchink, M. F., and others. [Geological prerequisites for the development of the petroleum- and gas-production industry of the U.S.S.R.]. *Geologicheskoe predposylki razvitiya neftegazodobывающей промышленности SSSR*. Leningrad, Nedra, 1965, 112 p.

Structure of the present-day surface of the basement of the U.S.S.R. in connection with the isolation and hypothetical evaluation of oil- and gas-bearing basins. N. I. Buiarov, E. V. Zakharov. *Dokl. AN BSSR* 9 no. 1, 42-43 *Ja* '65.

GAS, NATURAL—PIPELINES

Calculating the cost of the transportation of gas through gas pipelines. V. P. Kalina. *Gaz. delo* no. 2, 38-39 '65.

Hydraulic calculation of a gas pipeline. F. G. Tempel'. *Gaz. delo* no. 2, 12-14 '65.

Taking into consideration the type of gas in the electric modeling of the pipeline systems of compressor machinery. A. A. Kuzobkov, A. S. Messerman, S. A. Khachatryan. *Gaz. delo* no. 2, 18-19 '65.

Zhigalova, I. M. [Economics of the long-distance transportation of gas]. *Ekonomika dal'nego transporta gaza*. Leningrad, Nedra, 1965, 155 p. (Biblioteka ekspluatatsionnaya magistralnogo gazoprovoda)

GAS, NATURAL—PROCESSING

Extraction and use of petroleum casing-head gas in the R. S. F. S. R. V. I. Baizov. *Bezop. truda v prom.* 9 no. 8, 42-43 *Ag* '65.

GAS APPLIANCES

Poleev, A. I., D. A. Rober, and A. M. Blazhnikov. [Gas-using equipment of meat industry enterprises]. *Gazopromyshlennost' obnovoventse predpriyatiy masloil'noy promyshlennosti*. Moskva, Pishchevala promyshlennosti, 1965, 155 p.

GAS AS FUEL

Using gas in an asphalt-concrete plant. L. N. Taktueva. *Gaz. delo* no. 2, 28-30 '65.

GAS CHROMATOGRAPHY

Chromatographic properties of magnesium-containing type-X zeolites. G. V. Tsiatsishvili, T. G. Andronikashvili, T. A. Chumbridze. *Dokl. AN SSSR* 164 no. 5, 1104-1106 O '65.

Determination of the thermodynamic functions of interaction of substances with polar solvents by gas-liquid chromatography. A. N. Genkin and others. *Dokl. AN SSSR* 164 no. 5, 1089-1092 O '65.

Development chromatography without a gas carrier. A. A. Zhukhovitskii and others. *Zav. lab.* 31 no. 9, 1040-1052 '65.

Gas chromatographic determination of acetaldehyde and propylene oxide impurities in ethylene oxide. R. N. Moiseeva, I. A. Tsafin. *Zav. lab.* 31 no. 9, 1053-1054 '65.

Microdetermination of α -amino nitrogen in amino acids, polypeptides, and proteins by means of gas chromatography. B. G. Bolenkii, V. A. Orlovskaya. *Biokhimiya* 40 no. 5, 1021-1026 S-C '65.

Rapid gas chromatographic method for determining oxygen in organic compounds. L. V. Kuznetsova, E. N. Stoliarova, S. L. Dobychin. *Zh. anal. khim.* 20 no. 8, 836-839 '65.

Selecting the optimum conditions of chromatographic separation for fillers made from Zikeev deposit tripoli. N. A. Kudryavtseva, and others. *Khim. i tekhn. topl.* 1 masel' 10 no. 10, 55-58 O '65.

Separation of isomeric alkyl benzenes by gas chromatography. S. V. Viti and others. *Zh. anal. khim.* 20 no. 8, 850-855 '65.

Studying the composition of the impurities of hydrofined benzene separated by the rectification method. L. I. Martich. *Koks i khim.* no. 3, 41-47 '65.

GAS DETECTORS

Possibility of finding the location of damage to pipelines using electronic patrol leak detectors. L. I. A. Tskherman, M. B. Slavin, M. P. Maksimov. *Gaz. delo* no. 2, 20-23 '65.

GAS DISTRIBUTION

Accounting for the gas consumption of industrial plants. P. N. Zverev. *Prom. energ.* 20 no. 10, 27-28 O '65.

Automating gas-distribution stations. G. A. Chaitayn, V. V. Gromov. *Gaz. delo* no. 2, 15-17 '65.

Electrical model of a piston-type compressor station. N. Z. Aronzon and others. *Prom. energ.* 20 no. 10, 43-45 O '65.

Ionin, A. A. [Gas supply]. *Gazosnabzhenie*. Moskva, Stroizdat, 1965, 446 p.

GAS DYNAMICS

Dissipation coefficients in highly nonequilibrium gas mixtures with binary collisions. V. M. Kuznetsov. *Inzh. zhur.* 5 no. 5, 830-843 '65.

Electrical model of a piston-type compressor station. N. Z. Aronzon and others. *Prom. energ.* 20 no. 10, 43-45 O '65.

Free-molecular gas flow about a tapered cavity. A. I. Erofeev. *Inzh. zhur.* 5 no. 5, 882-887 '65.

[Gas dynamics]. *Gazovaya dinamika*. [By] Kh. A. Rakhmatullin dr. Moskva, Vysshaya shkola, 1965, 722 p.

Pressure conditions of coke ovens. K. I. Lgalov, M. S. Chernykh. *Koks i khim.* no. 3, 32-34 '65.

Uniqueness of solutions to two-dimensional gas dynamics problems with free boundaries. V. N. Monakhov. *Dokl. AN SSSR* 164 no. 5, 992-994 O '65.

GAS FLOW

Experimental study of gas flow through finely porous media in the region of transient pressures. I. S. Izraelovich, S. N. Novikov. *Dokl. AN SSSR* 164 no. 6, 1263-1266 O '65.

Ignition of condensed substances by a hot gas stream. V. I. Laiskii, A. G. Merzhanov. *Nauch.-tekhn. probl. gor. i vzryva*, no. 2, 62-68 '65.

Use of the moment receiver for measuring a high-temperature pulsed gas stream. G. F. London. *Vest. LGU* 20 no. 10, 93-98 '65.

GAS FLOW—ELECTROMECHANICAL ANALOGS

Taking into consideration the type of gas in the electric modeling of the pipeline systems of compressor machinery. A. A. Kuzobkov, A. S. Messerman, S. A. Khachatryan. *Gaz. delo* no. 2, 18-19 '65.

GAS HEATING—EQUIPMENT AND SUPPLIES see *subdivision under Leningrad*

GAS INDUSTRY

All-Union Public Inspection of the Quality of Construction and the Competition for the Best Construction According to Standard and Economical Designs. K. K. Smirnov. *Stroitel'stvo* 10 no. 10, 2-3 O '65.

New labor achievements in honor of the All-Union Day of Workers in the Petroleum and Gas Industry. *Stroitel'stvo* 10 no. 10, 1 O '65.

GAS INDUSTRY—MANAGEMENT

Umanukh, L. M., and M. M. Umanukh. [Economics of the petroleum and gas industries]. *Ekonomika neftegazovoy promyshlennosti*. Pod red. I. M. Breide. Moskva, Nedra, 1965, 378 p.

GAS-LUBRICATED BEARINGS

Some problems in the theory of gas lubrication taking temperature variations into consideration. L. I. Shklyarukha. *Inzh. zhur.* 5 no. 5, 950-957 '65.

GAS MASKS

Kosykh, I. S. [Instructions for firemen concerning gas and smoke protection measures]. *Pozharnaya o gazodimozashchitnoy sluzhbe*. Moskva, Stroizdat, 1965, 51 p.

GAS PIPES

Choice of gas and air speeds and possibilities for standardizing the dimensions of gas pipes. S. I. Mezhov, O. G. Revina. *Tr. poenergetika* 12 no. 10, 32-33 O '65.

Laying high-pressure asbestos-cement gas lines. V. S. Loginov, E. P. Fedukina. *Stroitel'stvo* 10 no. 10, 1 O '65.

Maintenance of gas conduits from polyethylene pipes. I. U. Belodoukht. *Zh. i. kom. khoz.* 16 no. 9, 25-26 '65.

GAS PIPES—CORROSION

(see also *subdivision under Kirovakan*)

Insulation of underground gas pipelines by glass fibrous materials and adhesive tapes. R. Chetaniukha. *Zh. i. kom. khoz.* 16 no. 9, 25-26 '65.

GAS PIPES—LEAKING

Use of DZK separators during the hydraulic testing of gas pipelines. K. A. Skvortsov. *Stroitel'stvo* 10 no. 10, 17-20 O '65.

GAS PRODUCERS—TESTING

Effect of the volume of a receiver and phase regulator on the performance of a free-piston gas producer. V. I. Cherkizov. *Izv. vuz. ucheb. zav. i nauch. issled.* no. 10, 103-114 '65.

GAS PURIFICATION

 see *Gases—Purification*

GAS TUBES

Using transistor circuits in controlling gas conductance tubes. R. P. Chubakov. *Prilozheniya* no. 9, 13-14 S '65.

GAS—TURBINE LOCOMOTIVES

Gas-turbine locomotive "G14" for passenger trains. S. F. Pavlov. *Dokl. i tekh. ing. d. no. 7, 26 *Ji* '65.*

GAS TURBINES

Calculation of the temperature of the wall of the flame tube of the combustion chamber of a gas turbine system. A. V. Sudakov. *Energomashinostrouenie* 11 no. 8, 19-11 *Ag* '65.

Development and use of new equipment and techniques in machining gas turbine blades using an electric method in the New Machinery Building Plant. I. A. Zaidler. *Energomashinostrouenie* 11 no. 9, 9-15 '65.

Effect of the angle of departure on the characteristics of annular turbine lattices with large fan pattern. M. I. Dolch, L. E. Kiselev, B. N. Krupnikov. *Izv. vuz. ucheb. zav. i nauch. issled.* no. 10, 56-62 O '65.

Heat emission of a flow about a cascade of blades carrying suspended moisture. V. A. Zyrin, V. S. Davydov. *Energomashinostrouenie* 11 no. 8, 40-41 *Ag* '65.

Heat exchangers for closed-cycle type gas turbine systems. S. Kh. Gel'fenbein. *Energomashinostrouenie* 11 no. 8, 20-33 *Ag* '65.

Methods for calculating the efficiency of heat regeneration in steam and gas systems. B. V. Sazanov, A. A. Mikhalev. *Elek. sta.* 30 no. 11, 30-40 N '65.

Motion of a condensed phase in the interblade channels of an axial-flow gas turbine stage. I. A. Morozuk. *Tr. poenergetika* 12 no. 10, 51-57 O '65.

GAS TURBINES (Continued)

- Study of gas turbine exhaust ducts. A. I. Rasputin, N. N. Bakhurin. *Izv. vuzov, zashch. zav., energ.* 8 no. 9, 38-46 S '65.
- Temperature effects in measuring the diameter of jet of wheels of the compressor and turbine of a gas-turbine engine. I. T. Vichovskiy. *Izvest. KMI* no. 81 15-22 '61.
- Wear resistance of alloys used in the manufacture of gas turbines. A. I. Lavyskiy, M. G. Morozov. *Izv. vuzov, zashch. zav., energ.* 8 no. 9 115-119 S '65.

GAS TURBINES—COOLING

- Experimental study of the cooling system of the GT-6-750 unit. B. P. Dyban and others. *Teploenergetika* 12 no. 10 17-21 O '65.
- Nonstationary temperature field of a turbine disc. I. P. Dmitrievskiy. *Teploenergetika* 12 no. 11-12 82 N '65.

GAS TURBINES—FOUNDATIONS

- Composite reinforced concrete foundation under the GT-700-5 gas turbine. A. P. Ovshepin, N. S. Morozov, A. K. Galitskiy. *Stroitel'stvo* 10 no. 10 129-31 O '65.

GAS TURBINES—MAINTENANCE AND REPAIR

- Broaching of disc slots in gas turbines. I. A. Zaidler. *Enrgomashinostroyeniye* 11 no. 9 6 S '65.

GAS TURBINES—TESTING

- Interdepartmental tests of a 6,000 kw gas turbine system. V. A. Iakimov. *Enrgomashinostroyeniye* 11 no. 8 14 Ag '65.

GAS WELDING AND CUTTING

- Cast iron cutting without flux. A. N. Moskalov and others. *Lit. proizv.* no. 9 22-23 S '65.

GAS WELDING AND CUTTING—EQUIPMENT AND SUPPLIES

- Control wire for steel welding with a propane-butane-oxygen flame. A. N. Shashkov, I. I. Nekrasov, S. S. Vokhman. *Svay. proizv.* no. 10 26-28 O '65.
- Effect of cutting on the structure and properties of steel when using natural gas in the heating flame. P. I. Gerasimov, V. V. Shuganenko. *Svay. proizv.* no. 10 26-29 O '65.
- Kalashnikov, V. A., and R. Sh. Sabirov. ["Ufa" welding torch, practical manual for introducing the use of propane-butane mixtures in the flame machining of metals] *Svarochnyaya gorelka "Ufa"*, prakticheskoe posobie po vvedeniyu v gazoplasmennoye obrabotku metallov propan-butanovykh smesей. Ufa, Bashkirskoe knizhnoe izd-vo, 1963, 102 p.

GAS WELL DRILLING, ELECTRIC see subdivision under Ukraine

GAS WELLS—ACIDIZATION see subdivision under Lvov Economic region

GAS WELLS—FIRES AND FIRE PREVENTION

- Extinction of gas well fires. V. Somov. *Pozh. delo* no. 10 26-27, 32 O '65.

GASEOUS PLASMA see Plasma (ionized gases)

GASES

- Nomogram for determining the lower and upper limits of gas and steam explosiveness in a mixture with air. A. K. Chernyshev. *Bezop. truda v prom.* 0 no. 9 54-55 S '65.

GASES—ABSORPTION AND ADSORPTION

- Absorption of water, methanol, hexane, and benzene vapors on pigment rutile modified by diethyldichlorosilane. A. A. Isirikina, A. V. Kiselev, D. V. Ushakov. *Kolloid. zh.* 27 no. 5 690-696 S-O '65.
- Coefficients of mass transfer in gas absorption processes by large diameter drops. I. G. Pitt. *Izv. vuzov, zashch. zav., i khim. i tekhn.* 8 no. 3 491-498 '65.
- Determining the coefficients of mass transfer during absorption. D. S. Artyamonov, B. N. Orlov, I. V. Tumanov. *Khim. i tekhn. topl. i masel* 10 no. 10 18-18 O '65.
- Studying the dynamics of carbon disulfide and hydrogen sulfide sorption from concentrated mixtures. G. M. Belotserkovskiy, R. M. Levit. *Khim. volok.* no. 5 42-45 '65.

GASES—ANALYSIS

- Continuous automatic determination of the composition of exhaust gas in acetic acid production. G. Konstantin, A. Movseyan. *Prom. Arm.* 8 no. 10 20-22 Ag '65.

GASES—PURIFICATION

- Resistance to acids of synthetic erionite zeolites. L. I. Piguzova and others. *Khim. i tekhn. topl. i masel* 10 no. 10 32-34 O '65.

GASES—SEPARATION see subdivision under Bashkiria

GASES, INTERSTELLAR

- The ring of ionized hydrogen in the region located 3.5 to 4.5 kpc from the galactic center. V. I. Ariskin. *Astron. zh.* 42 no. 5 930-942 S-O '65.
- Possible deviations from circular motion of hydrogen clouds located in the outer spiral arms of the galaxy. I. I. Pronik. *Astron. zh.* 42 no. 5 923-928 S-O '65.

- Temperature of the intergalactic gas. V. L. Ginzburg, L. M. Orlov. *Astron. zh.* 42 no. 5 913-958 S-O '65.

GASES, KINETIC THEORY OF

- Calculating accommodation coefficients. A. A. Plazman. *Inzh. zh.* 5 no. 5 651-661 '65.
- Kinetic equation describing a nonideal degenerate Bose gas. Li Chien-chun [Li Cheng-chung]. *Dokl. AN SSSR* 161 no. 6 1200-1272 O '65.

GASES, RARE

- Nature of "inert" gases. S. V. Al'tshuler. *Priroda* 54 no. 2 102-103 F '65.

GASES IN METALS

- Automatic determination of gases in steel by means of the chromatograph T'A-1. N. N. Zhukovskiy, T. A. Ivanova, E. M. Chlatskova. *Zav. lab.* 31 no. 9 1058-1069 '65.
- Investigating the process of refining liquid aluminum. A. I. Radin, V. V. Sorokin. *Trudy MVTI* no. 63 23-41 '65.
- Kinetics of gas saturation in some methods of fusion welding. D. K. Berzhik. *Sov. prof. svy.* no. 10 14-16 O '65.
- Thermodynamic conditions for the process of degassing metals during their remelting in vacuum. V. I. Lakomskiy. *Izv. vuzov, zashch. zav., i tekhn. i tekhn.* 8 no. 5 135-137 '65.

GASES IN SOILS

- Diffusion coefficient of gases and physical conditions in swampy soils in White Russia. N. I. Afanasyev. *Vestn. AN BSSR. Ser. nat. nauch. nauch.* no. 3 26-30 '63.

GASES IN THE BLOOD see Blood, Gases in

GASOLINE

- Natural gasoline is an easily available and cheap raw material for the production of acetic acid. D. Korotkiy. *Prom. Arm.* 8 no. 8 9-10 Ag '65.
- Working out a network schedule for building a natural gasoline plant. A. G. Moskatov, I. U. N. L'vov. *Stroitel'stvo* 10 no. 10 11-16 O '65.

GASTELLO, NIKOLAI FRANTSEVICH, 1907-1941

- Akshin, A. A. [Commander of the blue "two"] *Komandir goluboi dvoiki*. Moskva, Znanie, 1945, 93 p.

GASTRIC FISTULA see Fistula, Gastric

GASTRIC JUICE

- Smirnov, A. M. [Obtaining gastric juice from horses and its use in veterinary medicine] *Polechenie zheludochnogo soka ot loshade i primeneniye ego v veterinarii*. Leningrad, Kolos, 1965, 42 p. (DNAL)

GASTRIC JUICE—ANALYSIS

- Determination of pepsin and gastrin in the gastric juice in man. I. M. Gindman, T. A. Solov'yeva. *Vop. med. khim.* 11 no. 3 87-89 M-Apr '65.

GASTROENTERITIS

- Plotnikov, K. I. [Summer gastroenteritis and pneumonia in lambs] *Letniye gastroenterit i pnevmonii lagnat*. Moskva, Kolos, 1965, 200 p. (DNAL)

GASTROINTESTINAL MOTILITY

- X-ray examination of the motor and evacuatory functions of the stomach following the use of food of various physical and chemical properties. V. A. Ilyukhin. *Fiziol. zh.* [Ukr.] 11 no. 4 537-549 JI-Ag '65.

GATES, HYDRAULIC

- Investigation of the suction of ice under partly opened sea face gate. V. F. Tshilkin. *Izv. VNIIG* 76:271-288 '64.

GAUGES

- Device for measuring a slotted hole with involute splines. K. N. Lapotnikov. *Stan. i Instr.* 36 no. 8 98 S '65.
- Devices for checking the diameter of ring grooves. B. I. Rubenchik. *Izv. tekhn.* no. 9 57-59 S '65.
- Industrial control of mutual arrangement of holes ratio coaxial. A. G. Stepanian. *Izv. tekhn.* no. 9 12-15 S '65.

GEAR CUTTING

- Advanced technology for machining gear-wheel teeth of the distributing shaft of the ZIL-130 engine. S. N. Kalashnikov, N. N. Trifilev. *Avi. prom.* 31 no. 10 33-30 O '65.
- Grinding elliptical teeth of spur gear wheels. G. I. Kogan, V. N. Sazonov. *Stan. i Instr.* 39 no. 9 10-13 S '65.

GEARING

- Antimov, M. I. [Reducing gears; design and construction] *Reduktory; konstruktiv i raschet*, 2. izd., perer. i dop. Moskva, Mashinostroyeniye, 1965, 280 p.
- Blocking contour of a planetary gear transmission. T. P. Filadelfov. *Vest. mashinost.* 45 no. 9 15-17 S '65.
- Cutting a pair of cogwheels consisting of a circular eccentric wheel with a conjugated noncircular wheel. N. N. Bogdanov. *Trudy Novosib. sel'khoz. inst.* 24 no. 2 54-58 '63.

- Determining the carrying capacity of polyamide gear transmissions according to the contact stresses taking deformation into consideration. L. I. Bekardov, Sh. K. Sablinov. *Sob. AN Gruz. SSR* 36 no. 4 661-668 S '65.

- Device for determining the rigidity of gear wheel teeth. V. I. Lazarev, L. M. Dind'kin. *Trudy Uf'ansk. sel'khoz. inst.* 10 no. 2 171-179 '61.

- Kreines, M. A., and M. S. Rozovskiy. [Gear, mathematical bases for the selection of optimal systems] *Zubchatye mekhanizmy, matematicheskiye osnovy vybora optimal'nykh skhem*. [Moskva] Izd-vo Mosk. univ., 1965, 343 p.

- Period of contact of an internal engagement with a small difference in tooth number. V. M. Vostrebov, T. A. Anichenko. *Izv. vuzov, zashch. zav., mashinost.* no. 10 23-30 '65.
- Reducing dynamic stresses in the cutting parts of agricultural machinery by means of noncircular cogwheels. N. N. Bogdanov. *Trudy Novosib. sel'khoz. inst.* 24 no. 2 27-32 '63.

GEARING—MEASUREMENT

- Simple determination of the displacement error function of toothed mechanisms in case of differential cone of methods. I. G. Lindtsov. *Izv. vuzov, zashch. zav., i tekhn.* 8 no. 5 110-114 '65.

GEARING, SPUR

- Interpretation of spur gear wheels machined with gear cutters. B. A. Kulev. *Izv. vuzov, zashch. zav., mashinost.* no. 10 16-22 '65.

- Simple strength calculation of spur gear transmission with a correction ratio $\epsilon_{\alpha} = 2 = 0.8$. I. U. A. Kovalev. *Za tekhn. prog.* 5 no. 6 25-28 Ag '65.

GERSE

- (see also subdivision under Matsalu Gulf)
- Growth and development of the goose embryo under various conditions of incubation. I. L. Mekhman. *Vestn. AN BSSR. Ser. nat. nauch. nauch.* no. 1 11-18 '65.

GEKKO see subdivision under Sevastopol region

GELENDZHIK (KRASNODAR TERRITORY)—LIBRARIES

- AND READERS
- Individual information. K. Shver, A. Ogorodnikova. *Bibliotekar'* 43 no. 10 38 O '65.

GENERALIZED INTEGRALS see Integrals, Generalized

GENERALIZED SPACES see Spaces, Generalized

GENERALS—CORRESPONDENCE, REMINISCENCES, ETC.

- Muller, Vincenz. [I found my true Motherland, notes of a German general, translated from the German] *I nashel podlinnuyu Rodinu, zapiski nemetskogo generala*. generala. Pod red. Z. Sholinin. Moskva, Progress, 1964, 470 p. (CU)

GENERATIONS, ALTERNATING

- Life cycle of acedilans of the genus *Diastoplia* as related to the problem of the evolution of metagenesis in Tunicata. G. M. Ivanova-Kazna. *Zool. zh.* 41 no. 6 888-895 '65.

GENERATIVE ORGANS—CANCER

- Study of the clinical morphological characteristics and the frequency of lesions from a transplanted venereal tumor in dogs in the Tbilisi region. Z. G. Grigorashvili. *Sob. AN Gruz. SSR* 36 no. 3 713-719 S '65.

GENERATIVE ORGANS, FEMALE

- Development of gonads in the females of monosexual and bisexual cucurbit cutworms. N. B. Chernov. *Trudy VNIIRKH* 13 105-112 '65.

GENERATIVE ORGANS, FEMALE—CANCER

- Hemorrhages during the menopausal and diagnostic of precancerous and cancerous diseases of the genitalia. V. A. Man'el'shtam. *Akush. i gyn.* no. 1 137-142 '65.
- Surgical treatment of cancer of female generative organs. G. N. Smirnov. *Nauch. trudy Riaz. med. inst.* 11 216-223 '60.

GENERATIVE ORGANS, FEMALE—RADIOGRAPHY

- Device for hysteroculpingography and hydrotubation with indirect pressure measurement. K. I. Vulev. *Akush. i gyn.* no. 1 142-143 '65.
- Significance of the activity of the lower section of the uterus in the course of labor. I. U. G. Klementsov. *Akush. i gyn.* no. 2 13-16 '65.

GENERATIVE ORGANS, FEMALE—SURGERY

- Surgical treatment of cancer of female generative organs. G. N. Smirnov. *Nauch. trudy Riaz. med. inst.* 11 216-223 '60.

GENERATORS, THERMOELECTRIC see Thermo-electric generators

GENETIC RESEARCH

- Bureau of the Scientific Council on Problems of Genetics and Selection. *Genetika* no. 2 180 Ag '65.

GENETIC RESEARCH (Continued)

- Development of scientific research work in the field of genetics in the Academy of Sciences of the U.S.S.R. *Genetika* no. 1200-201 '65
- Organization of the Scientific Council on Problems of Genetics and Selection. *Genetika* no. 1202-203 '65
- GENETICS**
- Achievements in genetics in the service of agriculture. N. P. Dubinin. *Genetika* no. 150-66 '65
- Advances and prospects in the genetics of microorganisms. S. I. Alkhannan. *Genetika* no. 167-77 '65
- Centennial of genetics. B. B. Khazin, Trokhimova. 30 no. 5 1098-1103 5-0 '65
- Comparison of the clinical aspects and course of schizophrenia in close relatives in III families. F. A. Nutenko, L. A. Khilrik. *Zhur. nev. i psikh.* 65 no. 10 1547-1553 '65
- From the history of some theories of Russian genetics. (R. I. Vavilov and V. I. Taliev). D. V. Ichedev. *Bot. zhur.* 50 no. 5 730-733 My '65
- Genes and epigenetic variability. I. U. M. Olenov. *TSitologiya i no. 3* 285-302 M, Je '65
- Genetic coding of the protein structure. M. V. Vol'kenshtein. *Genetika* no. 254-62 Ag '65
- Genetic mapping of thymine-dependent mutants of *Escherichia coli* K-12. V. V. Sukhodolets, T. S. N'ina, S. I. Alkhannan. *Genetika* no. 178-88 '65
- Genetic study of the transmission of Hfr markers to recombinants in the Hfr F⁻ crosses of *Escherichia coli* K-12. V. V. Sukhodolets. *Genetika* no. 227-38 Ag '65
- Genetics in the service of the people. *Genetika* no. 1-3-5 '65
- Genetics of self-incompatibility in flowering plants. I. M. Surikov. *Genetika* no. 2 158-169 Ag '65
- Inheritance of blood groups in man. L. T. Torgonsian, V. M. Nersisyan. *Zhur. eksp. i klin. med.* 5 no. 1 110-111 '65
- GENETICS—CONGRESSES**
- International symposium in memory of a great scientist. N. P. Dubinin. *Priroda* 54 no. 10 119-120 '65
- GENETICS—STUDY AND TEACHING**
- Scientific seminars on genetics and Darwinism. A. A. Inozemtsev, S. V. Shestakov. *Vest. vys. shkoly* 23 no. 10 46-53 O '65
- GENETICKIY REGION (UKRAINE)—AQUARIUMS**
- Study of vertical migrations of some benthic and nekto-benthic organisms in the Zhebryan Bay and Genchetsk Port Aquarium. V. P. Zabuski. *Gidrobiol. zhur.* 1 no. 4 63-67 '65
- GEOCHEMICAL PROSPECTING**
- (see also subdivision under Russia, Northern, Russian Platform)
- Methods of the geochemical prospecting of lead ores in platform areas under the conditions of moraine formations. S. P. Albul. *Trudy Un. druzh. nar.* 3 *Geol. i gor. delo i geod.* no. 1 77-89 '63
- GEOCHEMISTRY**
- Double role of the gaseous phase of postmagmatic solutions in endogenous mineral formation. T. M. Liar'ko, I. U. V. Liakhov, A. V. Pizniur. *Dokl. AN SSSR* 164 no. 6 1394-1396 O '65
- Forms of occurrence of radioactive elements in iron-manganese concentrations. D. S. Nikolaev, E. I. Glimova. *Radiokhimiya* 7 no. 5 614-622 '65
- Geochemical classification of elements. I. U. G. Sacherbakov. *Dokl. AN SSSR* 164 no. 4 917-920 O '65
- Geochemistry of "hypergenesis": migration of atoms in the upper part of the earth's crust. A. I. Perel'man. *Priroda* 54 no. 2 119-120 F '65
- Letnikov, F. A. [Isobaric potentials of mineral formation (chemical affinity) and their application in geochemistry] [Izobarnye potentsialy obrazovaniya mineralov (khimicheskoe srodstvo) i primeneniye ikh v geokhimi]. Moskva, Nedra, 1965. 114 p.
- Nature of the variation of the composition of solutions in the formation process of the fluorite-bearing chambered pegmatite. N. V. Arnaudov and others. *Dokl. AN SSSR* 164 no. 5 1147-1150 O '65
- Zelenov, K. K., ed. [Geochemistry of recent postvolcanic processes. Translated from the English and French] *Geokhimiya sovremennykh postvolkanicheskikh sov. sbornik statei*. Moskva, Mir, 1965. 173 p.
- students of the Moscow Institute of desy, Aerophotography, and Cartog. ucheb. zav., i geod. i aerof. no. 2 149-normal altitudes. V. F. Kremeev. < no. 157 69-84 '65
- on the points of a trilateralization. F. F. Pavlov. *Trudy Un. druzh. nar. o i geod.* no. 1, 140-149 '63
- mean square till in some regions of a M. I. Iurkina, G. A. Alekashina. K no. 157 65-68 '65

GEODESY—ABSTRACTS

- [Geodesy] Ref. zhur. 'Geod. no. 11 N '65. *Prezhduzhnyi ucheb. i nauch. izd.* 1964 g.
- GEODIMETER**
- Certain sources of errors in using radio geodimeter of the tellurometer type. I. B. Krasulin. *Izv. vys. ucheb. zav. i geod. i aerof.* no. 2 59-65 '65
- Selecting the best conditions for the Keri cell. V. A. Velichko. *Izv. vys. ucheb. zav. i geod. i aerof.* no. 2 45-50 '65
- Theory of geodimeters with light flow recorded visually. M. V. Rutyshka. *Izv. vys. ucheb. zav. i geod. i aerof.* no. 2 89 '65
- GEOGRAPHICAL MUSEUMS** see subdivision under Leningrad, Moscow
- GEOGRAPHICAL NAMES** see Names, Geographical
- GEOGRAPHICAL RESEARCH** see subdivision under Kazakhstan, Mongolia, Novokaravayskaya Station, Antarctica, West Siberian Plain
- GEOGRAPHY—ABSTRACTS**
- [Geography] Ref. zhur. 'Geog. no. 10 O '65
- GEOGRAPHY—CONGRESSES**
- Siberian geographers at the international congress in London. V. A. Krasov. *Dokl. inst. geog. nauk i Dzh. Vest.* no. 7 72-78 '64
- GEOGRAPHY, ECONOMIC**
- (see also subdivision "Economic geography" under Hungary, Irkutsk Province, Kabardin-Balkar, A. S. S. R., Korea, Mongolia, North America)
- Economic geography during the first stage of the development of capitalism in Russia in the postreform period, from the history of the approach to economic geographical studies in Russia in the 1860's and 1870's. L. B. Lepatina. *Izv. AN SSSR. Ser. geog.* no. 5 109-116 S-O '65
- GEOGRAPHY, HISTORICAL**
- Concerning the subject of historical geography (landforms and ethnic). Part 3. L. N. Gumilev. *Vest. LGU* 20 no. 18 112-120 '65
- GEOGRAPHY, MEDIEVAL**
- Earth's circle (to be concluded). S. N. Markov. *Priroda* 54 no. 10 95-103 '65
- GEOLOGICAL MODELING**
- Modeling of natural processes. O. K. Leon'tev, L. G. Nikiforov. *Priroda* 54 no. 10 49-52 '65
- GEOLOGICAL TIME**
- (see also subdivision under Apsheron Peninsula, Caucasus, Northern, Kazakhstan)
- Role of geological time in the compaction of clay sediments. I. U. V. Mukhin. *Lit. i pol. iskop.* no. 3 126-130 My-Je '65
- GEOLOGY**
- (see also subdivision under Baltic Sea region; Caucasus, Koryak Range, Liliunalia, Roslov Province; Tien Shan; Volgograd Province)
- Basic characteristics of the geological development and paleogeography of the U.S.S.R. in the Carboniferous. O. L. Dinor, G. L. Bol'govskii, G. A. Smirnov. *Sov. geol.* 8 no. 8 32-41 Ag '65
- Evolution of geological processes. V. M. Sinitsyn. *Vest. LGU* 20 no. 18 6-11 '65
- Obruchev, V. A. [Popular geology] *Zanimatel'naya geologiya* 12 2 Moskva, Nauka, 1965 342 p.
- GEOLOGY—ABSTRACTS**
- [Geology] Ref. zhur. 'Geol. nos. 10-11 O-N '65
- GEOLOGY—CONGRESSES**
- Problems of lithology on the 22d session of the International Geological Congress in India. G. P. Krashinsky. *Lit. i pol. iskop.* no. 3 155-160 My-Je '65
- Work of the section "Orogeny of the Alps and Himalayas" at the 12th session of the International Geological Congress in Delhi. B. P. Barkhatov. *Vest. LGU* 20 no. 18 149-153 '65
- GEOLOGY—STUDY AND TEACHING**
- Reorganization of the geology program in the light of the school law. V. G. Murafarov. *Uch. zap. Chuv. gos. ped. inst.* no. 16 134-137 '63
- GEOLOGY, ECONOMIC**
- Grouping of favorable geological conditions governing the occurrence of base pay-mineral deposits. V. M. Kicler. *Trudy Un. druzh. nar. 3 Geol. i gor. delo i geod.* no. 1 49-57 '65
- Immediate problems and possibilities of increasing the economic efficiency of geological works. M. Kh. Azhikev and others. *Sov. geol.* 8 no. 8 126-138 Ag '65
- GEOLOGY, STRATIGRAPHIC**
- (see also subdivision under Allal Mountains; Estonia; Fergana Valley, Kurile Islands; Russia, Northwestern, Sayan Mountains, Siberian Platform; Tarbagatay Range, Tuva, A. S. S. R.; Ural Mountains; Yenisey Valley)
- Study of the Pre-Cambrian period as the cardinal problem of modern geology. A. V. Sidorenko. *Vest. AN SSSR* 35 no. 10 10-15 O '65

GEOLOGY, STRUCTURAL see subdivision under Algeria, Darvaz, Dzungaria, Fergana Province, Georgia, Karay (Ukraine), Second Bakii, Tien Shan

GEOMETRICAL OPTICS see Optics, Geometrical

GEOMETRY—STUDY AND TEACHING

Characteristics of space perception in students of the eighth grade. P. A. Sorokan. *Uch. zap. Bukov. gos. ped. inst.* no. 21-20 116 '64

GEOMETRY, DESCRIPTIVE

Construction of a nomogram with a rotational transformation using methods of descriptive geometry. Kh. S. Khundnauy. *Nom. sbor.* no. 3 41-46 '65

GEOMETRY, DIFFERENTIAL

Affine symmetrical vector fields. V. V. Shukhars. *Sib. mat. zhur.* 6 no. 1 91-93 Ji-Ag '65

The mean surface of congruence of planes in affine space. I. U. G. Lamiate. *Izv. vys. ucheb. zav. i mat.* no. 5 36-94 '65

GEOMETRY, PROJECTIVE

Nomographic method of determining errors in the projective transformation of a cylindrical surface. D. P. Chornobyliev. *Nom. sbor.* no. 1 69-75 '65

GEOMORPHOLOGY see subdivision under Sayan Mountain region, Volga Valley Yenisey Ridge

GEOPHYSICAL RESEARCH see subdivision under Antarctic regions

GEOPHYSICS

[Achievements of science; geophysics 1963] *Izvestiya i geofizika* 1963 Moskva, Akad. nauk SSSR, 1963 374 p.

Interaction of geophysical processes in the northern and southern hemispheres in the problem of general atmospheric circulation. E. P. Ilyashenko. *Trudy Arkt. i Antarkt.* no. 20 11-22 '65

GEOPHYSICS—ABSTRACTS

[Geophysics] Ref. zhur. 'Geofiz. nos. 10-11 O-N '65

GEORGIA—ATMOSPHERIC TEMPERATURE

Calculated winter temperatures for the Georgian S.S.R. G. I. Chikvadze. *Trudy TBILISKIYAN* no. 15 91-106 '64

GEORGIA—BASALT

Heat and sound insulating materials from the basalt of Georgia. V. N. Shapovalov, A. T. Dolobidze. *Trudy KIMS* no. 5 99-106 '63

GEORGIA—BOTANY

Ochlaui, D. A. [Study of the flora of Pshav-Khevsureti] *K'uchchit'ili flori Pshav-Khevsureti*. Tbilisi, Metsnebeli 1965 97 p. [In Georgian]

GEORGIA—BREAD—PACKING

Preservation of the freshness of oriental "bread" bread. M. P. Kaulashvili, T. L. Dzhidzhidze. *Khleb i konopnyy* 8 no. 10 42 O '65

GEORGIA—BUILDING MATERIALS

Kapanadze, I. U. F. [Some problems in the economy of manufacturing and using wall materials in the Georgian S.S.R.] *Nekotoryye voprosy ekonomiki proizvodstva i primeneniya stenovykh materialov v Gruziiskoi SSR*. Tbilisi, Metsnebeli, 1965. 161 p.

GEORGIA—CHERRY

Study of the chemical composition of the fruits of some wild cherry and cherry species cultivated in Georgia. P. I. Kapanadze, N. N. Ingvadze, D. L. Chikvadze. *Sobch. AN Gruz. SSR* 39 no. 1 167-171 Ji '65

GEORGIA—CHICKEN CHOLERA

Study of control measures against pasteurellosis of fowl in the Georgian S.S.R. T. L. Kobakhidze. *Sobch. AN Gruz. SSR* 39 no. 1 173-177 Ji '65

GEORGIA—FISHERIES

Fisheries in the inland bodies of water of Georgia. I. I. Tskhadze. *Rybn. khoz.* 41 no. 8 19-21 '65

GEORGIA—FRESH FLIES

Little-known species of flesh flies (Diptera, Sarcophagidae) in the fauna of the U.S.S.R. from Georgia. M. G. Gudzhidze. *Sobch. AN Gruz. SSR* 39 no. 1 179-181 Ji '65

GEORGIA—FLUTE

Scale for playing on Georgian multiple flutes. M. I. Shikvadze. *Sobch. AN Gruz. SSR* 39 no. 1 219-216 Ji '65

GEORGIA—FROST

Aerodynamic conditions for the origin of frosts in the Georgian S.S.R. M. A. Zakhumishvili. *Trudy Tbil. NIMI* no. 15 23-20 '64

GEORGIA—GEOLOGY, STRUCTURAL

Regionalization from the viewpoint of the recent tectonics of the central part of the Caucasian Isthmus (in the limits of the Georgian S.S.R.). N. E. Astakhov. *Izv. vys. ucheb. zav. i geol. i razv.* 6 no. 5 20-34 My '65

GEORGIA—MAMMALS

History of the study of mammals in Georgia. R. Sh. Avshalom. *Sov. AN Gruz. SSR* 39 no. 1:251-256 JI '65

GEORGIA—ORES—SAMPLING AND ESTIMATION

Methods of determining certain minor elements in igneous rocks of the Dashkasan ore complex. B. D. Tolstom. *Trudy KIMS* no. 5:107-111 '64

GEORGIA—PALCOBOTANY, STRATIGRAPHIC

New data on the Tushan flora in western Georgia. I. Sh. Ramishvili. *Sov. AN Gruz. SSR* 39 no. 3:633-637 S '65

GEORGIA—PAVEMENTS, BITUMINOUS CONCRETE

Rubber-asphalt concrete in Georgia. T. A. Sukhacheva, E. A. Surenian. *Avi dor.* 28 no. 9:268-270 S '65.

GEORGIA—PEGMATITES

Genesis of the Dzifida pegmatites. L. D. Gogadze. *Trudy KIMS* no. 5:49-56 '63

GEORGIA—POMEGRANATE—DISEASES AND PESTS

Pomegranate pests. P. Kvartakhava. *Zagreb. list* of *vešt.* 10 no. 7:51 '65

GEORGIA—RIVERS

Characteristics of the general hardness of river water in Georgia. Z. I. Chantladze. *Trudy Tbilnigmi* no. 15:137-143 '64

Regimentation of the Georgian S. S. R. according to the conditions of the formation of minimum flow. B. M. Koshkashvili. *Trudy Tbilnigmi* no. 15:150-155 '65

Some characteristics of the regime of the year-to-year outflow of the southern slopes of the central Caucasus. I. V. Sidorova. *Trudy Tbilnigmi* no. 15:144-149 '64

GEORGIA—ROCKS, IGNEOUS

Upper Jurassic rocks of Mount Anikha. A. Sh. Dolakidze. *Sov. AN Gruz. SSR* 39 no. 4:627-632 S '65.

GEORGIA—SANATORIUMS

Sanatoriums should improve their work. Okh. i truda i znan. 8 no. 10:23 O '65.

GEORGIA—SKINKS

Distribution of *Lamprolepis schneideri* (Daudin) in Georgia. T. A. Moshkashvili. *Zool. zhur.* 44 no. 8:1419-1421 '65.

GEORGIA—SOILS—ALUMINUM CONTENT

Organic substances and available aluminum in Red and Podzolic soils in western Georgia. D. G. Goletskii. *Agrokhimia* no. 10:118-122 O '65.

GEORGIA—SPIRACILOMA

Pomegranate pests. P. Kvartakhava. *Zagreb. list* of *vešt.* 10 no. 7:51 '65

GEORGIA—SYNTHETIC—TESTING

Comprehensive study of Vukla-Bzhani I, Georgia, syncline as a test site for the manufacture of aluminum, soda, and cement. N. M. Nikolashvili, N. V. Lobkova, I. I. Tsereteli. *Trudy KIMS* no. 5:66-67 '63

GEORGIA—TEA—FERTILIZERS AND MANURES

Effect of continuous use of mineral fertilizers for tea plants on the human content of subtropical Podzolic soils. I. A. Chantladze. *Agrokhimia* no. 10:73-77 O '65.

GEORGIA—VITICULTURE

Interillage in vineyards. Sh. Lapanidze, K. Mitanishvili. *Tekhn. velkhoz.* 25 no. 6:16-17 Ju '65.

GEORGIA—WALLS

Kvartakhava, P. P. [Some problems in the economics of manufacturing and using wall materials in the Georgian S. S. R.] Nekotorye voprosy ekonomiki proizvolstva i primeneniia stenovykh materialov v Gruzinskoi SSR. *Tbilisi, Metanizdat*, 1965. 161 p.

GEORGIA—WATER—COMPOSITION

Characteristics of the general hardness of river water in Georgia. Z. I. Chantladze. *Trudy Tbilnigmi* no. 15:137-143 '64.

GEORGIA—WINDS

Wind-direction regime in Georgia. I. V. Sukhishvili. *Trudy Tbilnigmi* no. 15:166-122 '64.

GEORGIAN LITERATURE—HISTORY AND CRITICISM

Meeting of the Department of Literature and Language. T. S. Chikova. *Izv. AN SSSR, Ser. III. Lit.* 24 no. 6:453-455 S-C '65.

GERMANS see subdivision under Gruz'ya Province; Volga Delta

GERMANY GLACIER—ALBEDO

Some features of the radiation regime of the surface of melting glaciers of the Caucasus, based on the example of the Gogget and Yugo-Vostochnyy Glaciers. V. Sh. Tsomalia. *Trudy Tbilnigmi* no. 15:120-136 '64.

GERMANY

Ankylosing spondylitis hyperostosis (Forestier's disease). G. I. A. Lukachev. *Trudy I-go MM* 38:459-462 '65.

Use of biologically active substances in geriatrics. P. D. Marclinsk. *Patol. zhur.* [Ukr.] 31 no. 4:564 JI-Ag '65.

GERMAN, GRIGORI L'VOVICH, 1890-

Grigori L'vovich German. *Ark. pal.* 27 no. 10:95-106 '65.

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LITERATURE—HISTORY AND CRITICISM

Theme of the labor movement in the German progressive novel at the beginning of the 1930's. N. V. Klishinik. *Uch. zap. Dzh. Sakh. gos. ped. inst.* 1:215-273 '57.

GERMANATES

Infrared spectra of rare-earth pyrogermanates and the structure of GeO₂ anion. T. P. Tenkheva and others. *Izv. AN SSSR, Ser. khim.* no. 10:1764-1771 '65.

GERMANIUM

Adsorption of nonpolar molecules on germanium and silicon. V. P. Orlov, M. A. Shchokov, Zhur. fiz. khim. 39 no. 9:2215-2218 S '65.

Dehydrogenation of isopropyl alcohol and formic acid on germanium. V. M. Frolov, I. K. Radzhabi, S. Z. Roginskii. *Khm. i tekhn. 6* no. 3:504-508 My-Ju '65.

GERMANIUM—ELECTRIC PROPERTIES

Conditions for the existence of the electromechanical effect in germanium. M. S. Ablova. *Fiz. tver. tela* 7 no. 9:2740-2748 S '65.

Transverse resistance and Hall effect in p-germanium in high magnetic fields in the temperature range of 78°-300°K. E. A. Sytkova, P. P. Bakker, Li Hsin-tsun [Li Hsin-tsun]. *Fiz. tver. tela* 7 no. 9:2871-2873 S '65.

GERMANIUM—PHOTOELECTRIC PROPERTIES

Effect of light on surface conduction of germanium in the case of a clean surface. P. G. Borilak, G. A. Krichak, O. G. Serbel. *Fiz. tver. tela* 7 no. 9:2893-2898 S '65.

GERMANIUM COMPOUNDS

Formation of phosphomolybdate and germanomolybdate heteropoly acids. Z. P. Shakhova, I. M. Dorokhova. *Zhur. neorg. khim.* 10 no. 9:2060-2061 S '65.

Reaction of germanium compounds with glycine. T. M. Bolosova, M. M. Bobrovskaya, N. K. Pavlenko. *Zhur. ob. khim.* 35 no. 10:1791-1793 O '65.

GERMANIUM CRYSTALS

Electrochemical deposition of electric contacts on the surface of n- and p-type germanium. V. M. Kochegarov, V. D. Sumilenskoy, G. A. Semakova. *Zhur. prikl. khim.* 38 no. 6:1300-1304 Je '65.

Kinetics of dissolution of germanium single crystals in hydrochloric solutions of ferric chloride. N. N. Stramitova, I. P. Sorokina, G. M. Chlova. *Zhur. ob. khim.* 35 no. 9:1512-1517 S '65.

GERMANIUM ORGANIC COMPOUNDS see Organo-germanium compounds

GERMANY—COMMUNIST PARTY

Further development of Lenin's theory of socialist revolution by the Socialist United Party of Germany. A. V. Tarasenko. *Ukr. int. zhur.* 8 no. 3:81-85 My-Je '64.

GERMANY—INTELLIGENCE SERVICE

Nazi documents found at the bottom of the Black Lake. *Centrif. Annot.* Vop. 161. 10 no. 10:106-108 O '65.

GERMANY—MILITARY EDUCATION

Belakov, E. G. [Paramilitary training of the personnel of the Fascist Army, 1933-1936] Voenno-mekhanicheskaya podgotovka kadrov fašistskoi armii, 1933-1936 g.g. Gorki, 1961. 53 p. (Gorki, Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski, no. 39)

[MICROFILM]

GERMANY—MILITARY POLICY

Aggravation of the military-political crisis in Germany during the last months of the Second World War. M. I. Semyrup. *Ukr. int. zhur.* 9 no. 8:27-33 Ag '65.

GERMANY—WAR CRIMES

Responsibility of the Nazi war criminals. N. S. Alekseev. *Izv. vyb. ucheb. zav. i prav.* 9 no. 1:3-11 '65.

GERMANY, EAST—BIOPHYSICS—CONGRESSES

The 8th Congress of Biophysicists of the German Democratic Republic held jointly with the Society of Biophysicists. S. N. Alekandrov and others. *Med. rad.* 10 no. 9:92-95 S '65.

GERMANY, EAST—COMMERCE

Democratic Republic of Germany on the world market. *Forst. Sci.* Vnesh. tor. 45 no. 10:7-11 '65.

GERMANY, EAST—CRIME PREVENTION

Criminality research and prevention problems related to juveniles in the German Democratic Republic. R. Hartmann, H. Luther. *Sov. gos. i prav.* 35 no. 10:103-109 O '65.

GERMANY, EAST—EXCAVATING MACHINERY

Standard series of rotary bucket excavators in the German Democratic Republic. B. N. Tarakovsky, P. B. Chavskovskii. *Met. i gor. stroit. prom.* no. 1:81-86 JI-Ag '65.

GERMANY, EAST—FURNITURE INDUSTRY

Colloquium on furniture finishing. A. S. Glebov. *Det. prom.* 11 no. 11:31-32 Ag '65.

GERMANY, EAST—GAS

Geography of the gas economy of the German Democratic Republic. S. B. Lavrov. *Vest. LGU* 20 no. 16:72-76 '65.

GERMANY, EAST—JUVENILE DELINQUENCY

Criminality research and prevention problems related to juveniles in the German Democratic Republic. R. Hartmann, H. Luther. *Sov. gos. i prav.* 35 no. 10:103-109 O '65.

GERMANY, EAST—MATHEMATICS—STUDY AND TEACHING

D. I. Pinaev in the "Nauka" periodical. A. Sorokov. *Nat. obr.* no. 10:96-99 O '65.

GERMANY, EAST—MILITARY MANEUVERS

"The October Assault": an interview. P. Batov. *Nov. vrem.* 21 no. 45:20-22 N '65.

GERMANY, EAST—PHYSICAL EDUCATION AND TRAINING

Physical education and training abstracts. V. L. Gorkun. *Teor. i prak. fiz. kul'* 20 no. 8:74-74 Ag '65

GERMANY, EAST—POLITICS AND GOVERNMENT

A country of peace on German soil for the national holiday of the German Democratic Republic. Herbert Motcherok. *Agitator* 33 no. 10:54-56 O '65.

Ulrich, Walter. [Program of socialism and the historical task of the S. U. P. G.; the program of the Socialist Unity Party of Germany. Translated from the German.] *Programma socializma i istoricheskaia zadacha SVEP*; programma socialistscheskoi ednoi partii Germanii. Moskva, Gos. izd-vo polit. lit-ry, 1963. 358 p. (Nik)

GERMANY, EAST—PRINTING INDUSTRY

Book production in the German Democratic Republic. A. I. Dubasov. *Pedagogika* no. 7:41-44 JI '65.

GERMANY, EAST—RADIOLOGY, MEDICAL—CONGRESSES

The 5th Congress of Roentgenologists of the German Democratic Republic held jointly with the Society of High-energy Physicists. S. N. Alekandrov and others. *Med. rad.* 10 no. 9:92-95 S '65.

GERMANY, EAST—SPORTS—PSYCHOLOGICAL ASPECTS

Athletes of the German Democratic Republic in the struggle for peace and mutual understanding among peoples. H. Hummel. *Teor. i prak. fiz. kul'* 20 no. 10:56-60 O '65.

GERMANY, WEST—CHILDREN—EMPLOYMENT

Two surveys conducted in the rural schools of the Federal Republic of Germany. I. I. Lotchenko. *Nat. obr.* no. 10:99-100 O '65.

GERMANY, WEST—FOREIGN RELATIONS—ARAB COUNTRIES

The history of a case of blackmail. A. Okonin. *Az. i Afr. neg.* 9 no. 10:51-52 O '65.

GERMANY, WEST—NAZIS

Criminals in high positions. H. Borisov. *Agitator* 33 no. 20:56-57 O '65.

"Hitler's tentant" and the contemporary successors of the "Führer" (coalition). A. S. Grossmann. *Vop. 161.* 10 no. 10:119-120 O '65.

GERMANY, WEST—PHYSICAL EDUCATION AND TRAINING

Philosophy of life and the theory of physical education and training in West Germany. I. Kleim. *Teor. i prak. fiz. kul'* 20 no. 9:43-46 S '65.

GERMANY, WEST—POLITICS AND GOVERNMENT

Regrouping of reactionary forces. V. Mankel. *Mezhduar. zhurn.* 12 no. 12:113-114 N '65.

GERMANY, WEST—SPORTS—PHILOSOPHY

Philosophy of life and the theory of physical education and training in West Germany. I. Kleim. *Teor. i prak. fiz. kul'* 20 no. 9:43-46 S '65.

GERMANY, WEST—TRADE UNIONS

New program of West German trade unions. V. Ilykin. *Sov. profsoyuz* 21 no. 20:42-43 O '65.

GERMANY, WEST—WAR AND EMERGENCY LEGISLATION

"Emergency legislation" of the Federal Republic of Germany in the service of revisionism and militarism. L. Szulczynski. *Mezhduar. zhurn.* 12 no. 11:95-102 N '65.

GERMANY, WEST—WAR CRIMES

Criminal trials of German war criminals in Berlin. Agitation
11 no. 20-21 57 0 1955

GIBBERELLIN

Inhibiting effect of essential oils and coumarin compounds
from *Archangelica decumbens* L. seed fruit on seed
germination. G. A. Demidova. Rast. res. 1 no. 3 125-
132 '65

GERSHBERG, OSEP ABRAMOVICH, 1895-

Centennial birthday of Professor Osep Abramovich Gersh-
berg. Biogr. zh. 11 no. 10 48 0 '65.

GERSHUN, GRIGORI VIKTOROVICH, 1905-

On the 50th birthday of Grigori V. Gershun, on his 50th birthday
G. V. Gershun. 50 no. 7 1905-1991 '65.

GIBBERELLIN

Characteristics of carbohydrate metabolism in healthy
potato plants and in potato with rugose mosaic under
the influence of gibberellin. I. K. Zherebchuk. Mi-
krobiol. zh. 27 no. 5 15-19 '65
Effect of gibberellin on the growth, development and
harvesting of potatoes in different number of
plants. I. K. Zherebchuk. Tr. Odesk. gos. univ. 1965
S. 11-12 1965

GILLESPIE

Synthetic gillespite BaFe₂(Si₂O₇)₂. I. A. Bolitskii, N. I. A.
Borodavina. Dokl. AN SSSR 165 no. 1 175-178 N '65.

GILTS

Physiological characteristics of rainbow trout with under-
developed gills. A. I. N. Ostrova, S. V. Strelnikova.
Izv. Gosmori 38 135-139 '64

GINI, CORRADO, 1884-1965

Corrado Gini, 1884-1965, obituary. A. L. Vainshteyn,
T. V. Babushkin. Ekon. i statist. 1 no. 3 478
19-20 '65

GINSENG

Rare case of a multiple stem in common ginseng (*Panax
ginseng* C. A. Mey.). I. I. Kropotova. Rast. res. 1 no. 3
414-415 '65.

GIRDERS see Beams and girders

GLACIAL EPOCH

Dynamics of forests, tundras, and steppes; vegetation
during the Pleistocene. T. D. Bolaiskaya. Priroda
54 no. 2-36-41 F '65.

A hundred thousand years ago, the planet's surface during
the Glacial epoch. K. K. Markov. Priroda 54 no. 2:
33-35 F '65.

Marlov, K. K., G. I. Lazukov, and V. A. Nikolaev.

[Quaternary period, glacial epoch - Quaternary period]
Chetvertichnyi period, lednikovyi period - antropo-
genovyi period. [Moskva] Izd-vo Mosk. univ.
Vol. 2. [Territory of the U. S. S. R.] Territoria
SSSR 1965. 434 p. (K VII Mezhdunarodnuyu
kongressu Assotsiatsii po izucheniiu chetvertich-
nogo perioda (INKVA) SSHA, 1965.

GLACIERS see subdivision under Caucasus

GLACIOLOGY—BIBLIOGRAPHY see Bibliography— Glaciology

GLADIOLUS—FERTILIZERS AND MANURES

Technique for the placement of fertilizers for gladiolus
T. Z. Mantrova. Agrokhimia no. 8 136-139 Ag '65.

GLADKOV, FEDOV VASIL'EVICH, 1883-1958—BIB-

LIOGRAPHY see Bibliography—Gladkov, Fedov
Vasil'evich, 1883-1958

GLASS

Adhesion of epoxy resins to glass wool. L. I. Golubenko-
va, E. M. Demekhina. Plast. massy no. 10 35-36 '65

Angel's, A. I. [Using glass lubricants in the hot
pressure working of metals and alloys] Pimenenie
stekol dlia smazok pri goruchei obrabotke metallov i
splovo daviem. Leningrad, 1965. 22 p. (Leningradskii
dom nauchno-tekhnicheskoi propagandy.
Proizvodstvennyi opyt. Seriya Goruchaina i kholodnaya
obrabotka metallov daviem)

Crystallization of glasses of the system CaO, Al₂O₃,
2SiO₂ - CaO, SiO₂ in the subeutectic region. N. A.
Toropov, G. V. Tigonen. Izv. AN SSSR, Neorg. mat. 1
no. 5:763-768 My '65.

Glass textile "St" with a base of sized glass wool. Z. I.
Bronshteyn and others. Plast. massy no. 10 59-62 '65.

Linear rate of growth of anorthite crystals in glass at
1600°C. N. A. Toropov, G. V. Tigonen. Izv. AN SSSR,
Neorg. mat. 1 no. 5:775-779 My '65.

Microidentifying in the crystallization of high-calcium
phosphorus-containing glasses. I. I. Khatkovskii,
Z. V. Zhitkevich. Izv. AN SSSR, Neorg. mat. 1 no. 5:
792-795 My '65.

Strength reserves of sheet glass and its dispersion. F. F.
Vitman, G. S. Pugachev, V. P. Pukh. Fiz. i ver. tela 7
no. 9-2717-2722 S '65.

GLASS, OPTICAL—STANDARDS

Standards for raw materials for optical glassmaking are
needed. L. P. Vitchur. Standartizatsia 20 no. 8:60
'65

GLASS BLOWING AND WORKING—EQUIPMENT AND SUPPLIES

Moderating the BS-24 automatic machine. P. A. Kozlov,
G. A. Sidorov. Stek. i ker. 22 no. 3 10 Mr '65.

GLASS FACTORIES

Horizontal surface conveyor for the transport of glass-
ware to the lath. M. M. Anichkov. Leh. prom. no. 2
39 Ap-Je '65.

GLASS FIBERS

Glass reinforced concrete in the national economy
I. I. Golubenko, V. S. Sidorov, D. I. Iukovskii. Inform. biul.
VNIKh no. 3 8-11 Mr '65

Insulation of underground gas pipelines by glass fiber
materials and adhesive tape. B. Chervinskii. Zhil.
i kom. khoz. 16 no. 9 25 S '65.

Selecting the composition of basaltic rocks for the pro-
duction of fibers for various purposes. A. A. Mianikov,
M. S. Aslanova. Stek. i ker. 22 no. 3 12-15 Mr '65.

GLASS FURNACES—DESIGN AND CONSTRUCTION

Clarification of the glass batch in electric furnaces for
glassmaking in depth. B. M. Uvarov. Stek. i ker. 22
no. 3 15-17 Mr '65.

GLASS FURNACES—EQUIPMENT AND SUPPLIES

Automatic glass batch level indicator in a tank glass-
making furnace. N. P. Leonov. Stek. i ker. 22 no. 3:
32-33 Mr '65.

Sampler for glass batch sampling in depth. V. N. Huslov,
V. A. Kostylin. Stek. i ker. 22 no. 3 39-40 Mr '65

GLASS MANUFACTURE

Automatic line for the production of annealed sheet glass.
V. I. Vasin. Stek. i ker. 22 no. 3:30-31 Mr '65.

Clarification of the glass batch in electric furnaces for
glassmaking in depth. B. M. Uvarov. Stek. i ker. 22
no. 3:15-17 Mr '65

GLASS MANUFACTURE—CHEMISTRY

Using formulas to determine the upper crystallization
limit of sodium - calcium - magnesium - aluminum-
silicate industrial glasses containing 15% Na₂O. M. V.
Okhotin. Stek. i ker. 22 no. 3:10-19 Mr '65.

GLASS MANUFACTURE—CONGRESSES

Conference of workers of the department of technical
control and factory laboratories in the manufacture of
structural and technical glass. E. P. Bil'tukova, A. I.
Kolbasnikova, M. P. Savitskii. Stek. i ker. 22 no. 3:
47 Mr '65.

Conference on the electric manufacture of alkali-free
glass. Stek. i ker. 22 no. 3:15-16 Mr '65.

GLASS PIPE see Pipe, Glass

GLASS-REINFORCED PLASTIC PIPE see Pipe, Glass- reinforced plastic

GLASS REINFORCED PLASTICS

Criterion of the strength of anisotropic glass reinforced
plastics. I. I. Gol'denblat, V. A. Kopov, St. i ker. 22
no. 3:15-19 Mr '65.

Efficacy of the use of glass reinforced plastics in elec-
tric equipment. A. M. Khalkin, Kh. R. Parkashan,
Plast. massy no. 10:40-42 '65.

Internal stresses in reinforced systems based on poly-
ester acrylic binding agents. L. A. Sukhanova and
others. Plast. massy no. 10:31-34 '65.

Roofs of residential houses from glass reinforced plastics.
A. Lysova, Zhil. i kom. khoz. 16 no. 9:27-23 S '65.

GLASS REINFORCED PLASTICS—TESTING

Glass plastics based on an epoxy fureylidenonmimo-
nol binder. I. V. Kamenskii, F. V. Mamedov, I. U. A.
Korol'kov. Plast. massy no. 10:14-15 '65.

GLASSWARE

(see also subdivision under Ukraine)

Using the silk screen printing method for the decoration
of high-quality glassware. M. I. Chyhyr' and others.
Leh. prom. no. 2:62-64 Ap-Je '65.

GLAZES

Opaque, colored glazes. O. V. Cherepova, N. A. Sakharova,
E. M. Goltik. Stek. i ker. 22 no. 3:29-30 Mr '65.

GLAZES—TESTING

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet
standartov, mei i izmeritel'nykh priborov. [Chemically
stable and heat resistant ceramic products,
methods of testing] Izd. Khimicheskii stolko i
termostolko keramicheskii, metody ispytani
(GOST 437-64). Izd. ofitsial'noe, Moskva, [Izd-vo
standartov] 1964. 17 p. (SSSR, Gosudarstvennyi
standart)

GLIDING AND SOARING

The glider pilot's navigation computer. D. Dvochenov,
Kryl. rod. 16 no. 6:14-15 Je '65.

GLOBE THISTLE see subdivision under Bashkiria

GLOBULIN

Content of electrophoretic γ -globulin in the serum of
fetuses, newborn infants and adult persons in patients
with various diseases. I. U. S. Intarova. Vop. med. khim.
11 no. 7 20-24 Mr-Apr '65.

Obtaining dry antoglobulin serum for Cooch's test

M. I. Dudnik. Gemat. i perel. krovi 1 75-78 '65

Study of the Cohn plasma factor in sera of healthy

persons. K. K. Reubinskii. Gemat. i perel. krovi
1:245-147 '65

GLUBOKOYE DISTRICT (LAST KAZAKHISTAN PROV- INC)—MILK TRADE

The collective farm will sell more milk to the government
N. Shumskii. Zakup. sel'khoz. prod. no. 5 40 My '65

GLUCOKINASE

Inhibiting effect of cortisone on the glucokinase activity
of skeletal muscles in chick embryos. M. N. Pavlov.
Vop. med. khim. 11 no. 3 15-17 Mr '65

GLUCOPYRANOSIDE

Carbohydration of 2, 3, 4, 6-O-methyl-1, 6-anhydrogluco-
pyranose by the action of metallic sodium in pyridine
medium. G. V. Davydova, N. N. Shorogidina, A. V. Loshko-
va. Izv. AN SSSR Ser. khim. no. 10 1870-1872 '65.

GLUCOSAMINE

Correlation between changes in transaminases and glucos-
amine in the blood serum in liver diseases. P. Borovoi,
D. Prokopovich. Sov. med. 78 no. 3 50-53 Mr '64.

GLUCOSE

Synthesis and alkylation of dipropyl phosphidate of
1, 2, 5, 6-di-O-isobutylidene-glucose, 1, 2-bispropylidene
5, 6-dimethylglucose, and 3, 4-isopropylidene- β -D-glucose
anabinolide. I. I. Rikhsiev, A. A. S. Rikhsiev. Vest.
Mosk. univ. Ser. 2: khim. 40 no. 4 80-82 Ji-Ag '65

GLUCOSE—THERAPEUTIC USE

Comparative evaluation of the effectiveness of treating
Bordet's disease with ASL-1 and glucose. T. Kh.
Mazhukhina, A. G. Shumakova, Sh. R. R. R.
Izd. Tashkent. 23-25-26 '62

GLUCOSE OXIDASE

Mechanism of the stimulating effect of chink on the
glucose oxidase and catalase activity of *Pseudomonas*
vitale. N. V. Pokrovskaya, O. V. Kholodkova, Mikrobiol.
biokh. 31 no. 5:799-800 S '65.

GLUCOSIDASE

Acid and neutral α -D-glucosidases in rabbit liver.
I. S. Lashovskaya, Mikrobiol. 30 no. 5:1060-1062 S '65.

GLUE

Efficient utilization of raw materials for the production
of glue. N. A. Tsvetkov, Khim. tekhn. i tekhn. inform. 10
no. 1:1-2 57-59 S '65

GLUING

Accelerated gluing in the manufacture of skin. G. M.
Buzynin, O. A. Sidorov, N. I. Dubukov. Der. prom. 14
no. 8:21-22 Ag '65.

Bordinskii, I. P. [Wood gluing] Skleivaniye drevinykh
Izd. Khim. i perel. I. dup. Kiev, Budvol'nyi, 1965.
332 p.

Glue setting machine for the frames of oval tables.
P. M. Volovodenko, N. I. Golubnikov. Rum. i der.
prom. no. 1:11-12 Ji-Mi '65.

Gluing envelopes for phonograph records. V. Khizmatov
Poligraf. no. 9:30 S '65.

Gluing wood with plastic materials by heating in a high-
frequency electric field. L. M. Kovalevskii, P. N. Baskakov.
Der. prom. 14 no. 8:6-7 Ag '65.

Use of glues in stitching and bookbinding. M. A. Rishel-
tikh, I. U. A. Baruch, E. P. Belkalo. Poligraf. no. 8:12-14 Ag '65.

GLUTAMIC ACID

Isolation of L-glutamic acid from culture fluids. S. V.
Gordarenko, V. M. Holikov. Zhur. prikl. khim. 38 no. 6:
1412-1414 Je '65.

GLUTAMIC-OXALACETIC TRANSAMINASE

Conformational changes in aspartate-glutamate trans-
aminase. L. G. Korotova. Biofizika 10 no. 5:749-749
'65.

GLUTAMINE

Accumulation of glutamine by tumors and its inhibition
in the proteins of tumors and normal cells. K. A.
Perevoshchikova, A. P. Melnikov, V. P. Shishkov. Vop.
med. khim. 11 no. 7:92-93 Mr-Apr '65.

GLUTARIC ACID

Borotrihydroxy glutarates of elements of group II of
the periodic table. I. M. Shvarts, M. E. Tomilova, A. F.
Ievinskii. Zhur. neorg. khim. 10 no. 9:2004-2006 Ji '65

GLUTATHIONE

Activity of glutathione reductase of the blood in rats
under normal conditions and in oxygen insufficiency.
Kh. M. Rubina, I. A. Romashuk. Vop. med. khim. 11
no. 1 27-31 Ji-F '65.

GLYCERALDEHYDE

Electroreduction of glyceraldehyde to glycerol and heptite, A. P. Tomilov, A. A. Sergy, S. L. Varshavskii, *Elektronika* no. 9 1126-1129 S '65

GLYCERALDEHYDE PHOSPHATE DEHYDROGENASE

Heat denaturation of lactate dehydrogenase (L-lactate NAD-oxidoreductase, KF 1.1.1.27) and D-glyceraldehyde-3-phosphate dehydrogenase (D-glyceraldehyde-3-phosphate NAD-oxidoreductase, KF 1.4.1.12) from rabbit muscles B. I. Kuganov, A. I. Agatova, *Biokhimiya* 10 no. 5 755-762 '65

GLYCEROL

Production of alcohols and acids from glycerol by the culture of *Actinomyces violaceus* strain 719, M. N. Bekhtereva, N. V. Tarasova, V. E. Khizhanovskii, *Mikrobiologiya* 34 no. 5 773-780 S-O '65

Study of alkaline solutions of sodium metasilicate in the presence of glycerol G. S. Karetnikov, N. T. Kudryavtsev, R. G. Golovchanskaya, *Zhur. fiz. khim.* 39 no. 8 2288-2300 S '65

GLYCEROL—ANALYSIS

Organic impurities of glycerin, M. V. Bolov, N. S. Ilicheva, *Mashinostroitel' prom.* 31 no. 10 21-27 O '65

GLYCINE

Interaction between N-triphenylmethylglycine and transfer RNA, O. I. Slutskii, B. P. Gottikh, *Biokhimiya* 30 no. 5 1032-1036 S-O '65

Reaction of germanium compounds with glycine, E. M. Belousova, M. M. Bobrovskaya, N. K. Pavlenko, *Zhur. obshch. khim.* 35 no. 10 1781-1783 O '65

GLYCOGEN

Chromatographic study of animal glycogens, V. V. Koval'skii, V. N. Vasil'ev, *Dokl. Akad. nauk i inzh. nauk* no. 9 31-37 S '65

GLYCOGEN IN THE BODY

Histochemical evidence of the presence of glycogen and potassium in the conductive system of the heart, E. S. Kirpichnikova, M. I. Bronshteyn, I. A. Bukayeva, *Nauch. dokl. vyzh. shkoly, biol. nauki* no. 4 78-80 '65

Interceptive influences of the stomach on the biochemical and histochemical glycogen picture of the liver, L. G. Gashimova, *Izv. AN Azerb. SSR Ser. biol. nauk* no. 3 117-120 '65

Use of phase contrast microscopy in studying the localization of glycogen, A. A. Voloshchenko, *Arkh. anat. i gist. lemb.* 49 no. 7 113-111 JI '65

GLYCOGEN METABOLISM

Content of glycogen in the liver in thermal burns of the skin, experimental study, M. A. Fain, *Arkh. pat.* no. 10 43-46 '64

GLYCOSIDES

Anthracyclonides in some species of the genus, O. K. Bagrii, *Farmatsov zhur.* 20 no. 1 51-57 '65

Glycosides, Report No. 10: Synthesis of serine O-glycosides, M. G. Vafina, V. A. Derevinskaya, N. K. Kochetkov, *Izv. AN SSSR Ser. khim.* no. 10 1814-1820 '65

GLYCOSIDES—SPECTRA

Infrared spectra of some phenyl- and p-chlorophenyl-β-D-glycosides and their acetates, V. D. Shcherbakov, B. N. Stepanenko, O. G. Serdyuk, *Zhur. obshch. khim.* 35 no. 10 1811-1851 O '65

GLYCOSIDES, CARDIAC see Cardiac glycosides

GLYOXIME

Cobalt (III) compounds with dimethylglyoxime and a cyanide ion, A. V. Ablov, G. P. Syrtsova, *Zhur. neorg. khim.* 10 no. 9 1000-1008 S '65

GNEISS see subdivision under Bug Valley

GNESSIN, MIKHAIL FABIANOVICH, 1883-1957

Gnessin, R. V., comp. [M. F. Gnessin; articles, reminiscences, materials] M. F. Gnessin; stat., vospominaniya, materialy, Moskva, Sovetskii kompozitor, 1961, 323 p. (Miu)

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852

Gogol', N. V., comp. [L. A. Lebedeva, V. M. L'viv, un. Ser. filol.] no. 3 336-44 '65

Traditions of Gogol' in the satire of M. E. Saltykov-Shchedrin, S. F. Baranov, *Trudy Un. druzh. nar.* 4, Vop. lit. na. 1 3-20 '64

GOITER

[see also subdivision under Adzharia]

Effect of natural goitrogenous substances on the hormone formation in the thyroid gland of rats, G. M. Makhsharov, A. Latipov, *Uzb. biol. zhur.* 9 no. 5 10-13 '65

Endocrine goiter of sheep in some regions of Kazakhstan, B. Abishev, B. A. Asdarhanov, *Trudy Inst. ekol. biol. AN Kazakh. SSR* 11 241-247 '65

Regional radiometry of thyroid gland tissue in various forms of goiter, B. V. Anikandov, A. M. Bykhovskaya, *Med. rad.* 10 no. 8 23-27 S '65

GOLD

Neutron-activation determination of gold in rocks and meteorites, G. A. Puzozhigin, I. P. Alimov, *Zhur. anal. khim.* 20 no. 8 793-798 '65

GOLD ISOTOPES

Study on the state of the routes of lymphatic outflow from the breast by means of colloidal Au¹⁹⁸, G. A. Zubovskii, V. A. Mikhachenko, *Med. rad.* 10 no. 9 6-16 S '65

GOLD MINES AND MINING see subdivision under Russia, Northern

GOLD MINES AND MINING—CLIMATIC FACTORS see subdivision under Magadan Province

GOLD ORES—CRUSHING AND GRINDING see subdivision under Bailey (China Province)

GOLGI APPARATUS

Changes in the reticular Golgi apparatus of the intervertebral nerve ganglia in acute gastrointestinal infections, A. A. Kulikov, *Sher. nauch. iud. Tashkent* 22 32-35 '62

GOLODNAYA STEPPE—APARTMENT HOUSES—HEATING AND VENTILATION

Winter studies of the thermophysical characteristics of apartment houses built of silicate blocks, A. V. Ershov, T. A. Soldatov, *Stroitel'skii Uzb.* 6 no. 3 33-38 M '65

GOLODNAYA STEPPE—COTTON GROWING

Phanov, V. I., F. A. Sokolov, and D. Kuchlov. [Cotton growing by Dzhalal Kuchlov's team] *Vozdolyvanie khlopkovnika v brigade Dzhalala Kuchlova, Moskva, Koles, 1965, 150 p. (Progressivnaia tekhnologiya vsem kolkhozam i sovkhazam) (ONAL)*

GOLODNAYA STEPPE—DRAINAGE

Effectiveness of leaching salinized soils with the use of drainage in the Golodnaya Steppe, V. M. Legostayev, V. N. Argentov, *Gidromel.* 17 no. 9 9-14 S '65

GOLODNAYA STEPPE—IRRIGATION CANALS AND FLUMES

Construction of polyethylene pressure pipes in irrigation, G. M. Zlatkov and others, *Gidromel.* 17 no. 10 43-51 O '65

GOLODNAYA STEPPE—LEACHING

Effectiveness of leaching salinized soils with the use of drainage in the Golodnaya Steppe, V. M. Legostayev, V. N. Argentov, *Gidromel.* 17 no. 9 9-14 S '65

GOLODNAYA STEPPE—RICE

Leaching salinized soils in rice growing, E. G. Petrov and others, *Gidromel.* 17 no. 10 14-16 '65

GOLOVKOV, ALEKSEI VALER'YANOVICH, 1928?-1943
Draunayev, V. N. Aleksei Golovkov, Moskva, Muzyka, 1964, 67 p. (NIC)

GOMEL—AGRICULTURAL MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES

Organization of equipment repair at the Gomel' Agricultural Machinery Plant, T. P. Matorin, *Mashinostroitel'* no. 10 9-2 O '65

GONADOTROPIN

Immunologic determination of chorionic gonadotropin in the diagnosis of pregnancy and chorionepithelioma, B. N. Sofonov, V. M. Dillman, *Akush. i gyn.* no. 2 91-94 '65

Sensitivity to hormones of ovaries with disordered innervation, O. V. Volkova, *Arkh. pat.* 27 no. 10 44-48 '65

GONADOTROPIN—PHYSIOLOGICAL EFFECT

Reaction of the ovaries in sows to various doses of pregnant mare serum depending on the stage of the sexual cycle, L. O. Konukhova, *Fiziol. zhur. (Ukr.)* 11 no. 4 437-443 JI-Ag '65

GONCOURT, EDMOND, 1822-1866

Goncourt, Edmond, and Jules Goncourt. [Diary; notes about a literary life. Selected pages. Translated from the French.] *Dnevnik; zapiski o literaturnoi zhizni. Izbrannyye strannitsy.* Moskva, Khudozhestvennaya literatura, 1964, 2 v. (CU)

GONIOMETRY

Method of measuring the true angle between the femoral neck and diaphysis with the aid of a rotationmeter, I. P. Slutskii, *Ortop. i travm. i protez.* 28 no. 9 54-57 S '65

GOOSEBERRIES—DISEASE AND PEST RESISTANCE

Resistance of gooseberries to powdery mildew, A. Grinenko, S. Roshchupkina, S. Potapov, *Zashch. rast. ot vred. i bol.* 10 no. 7 37 '65

GORKIL, MAKSYM, 1868-1936

Gorkil and his interlocutors; through the pages of the correspondence of Gorkil with Soviet writers, I. Usovskii, *Lit. i ispr.* no. 5 335-383 '64

Khristoforov, E. B., A. M. Gorkil, [Leningrad] *Leningrad*, 1965, 40 p. (Riznik Petrovskiyevskiy report)

GORKIL, MAKSYM, 1868-1936—AESTHETICS

Gorkil on the relationship of the aesthetic ideal of Soviet literature with reality, I. P. Okhimenko, *Uch. zap. Uzb.-Sakh. gos. ped. inst.* 1-99-120 '57

GORKIY—BOOKSELLERS AND BOOKSELLING

In the window display and in the store, S. Tarav, *Knizh. toig.* 16 no. 4 21-22 Ag '65

GORKIY—MACHINE-TOOL INDUSTRY

Primary organization of the scientific and technological society at a plant and technological progress, A. V. Gorkil, *Mashinostroitel'* no. 10 11 O '65

GORKIY—MEDICAL COLLEGES

Connection of the teaching of the history of the CPSU with the curriculum of an institution, T. P. Gaidulina, F. G. Byrgatov, *Vop. ist. KPSS* 9 no. 10 10-15 O '65

GORKIY—MILITARY EDUCATION

So it is established in the Sverdlov District, A. Sakhov, *Voen. znani.* 41 no. 10 32-33 O '65

GORKIY—PROSTHESIS

They pass on their experience and knowledge to youth, B. Farber, *Sci. obshch.* 26 no. 10 1-16 O '65

GORKIY PROVINCE—FLYCATCHERS

Collared flycatcher in Gorkiy Province, N. A. Khokhlova, *Ornitologiya* no. 7 100 '65

GORKIY PROVINCE—LEATHER INDUSTRY

Enterprises exchange their experiences, *Kozh. prom.* 7 no. 3 36 M '65

GORKIY PROVINCE—SPORTS—CONGRESSES

Interuniversity conference on physical education, anatomy, and physiology of sports in Gorkiy, B. A. Balta, I. I. Dolanek, *Teor. i prakt. fiz. kul'* 20 no. 10 77-78 O '65

GORKIY REGION—BIRDS

Dynamics of the abundance of forest birds in P'lyun' Biological Station of the Gorkiy University, E. M. Verbitsky, *Ornitologiya* no. 7 145-146 '65

GORKIY REGION—CHAFFINCHES

Singing of chaffinch females, V. I. Andkin, G. A. Parakhin, *Ornitologiya* no. 7 166 '65

GORKIY RESERVOIR—RESERVOIR SEDIMENTATION

Studying the movement of sediments in the shore area of Gorkiy Reservoir by the use of labeled sand, L. B. Komukov, *Izv. AN SSSR Ser. geog.* no. 6 100-105 S-O '65

GORKICE-TARNOW, BATTLE OF, 1915

Penetration of the Russian front in 1915, V. Linkov, *Voen. ist. zhur.* 7 no. 6 122-125 Je '65

GORNAEV, NIKOLAI ARTEMOVICH

And a sailor heads the committee... P. Balbak, *Voen. znani.* 41 no. 10 45 O '65

GORSHUNOV, DMITRI MIKHAILOVICH, d. 1961

Dmitri Mikhailovich Gorshunov; obituary, *Tor. prom.* 42 no. 3 46 '65

GOURNAY, MARIE LE JARS DE, 1565-1645

Works of Marie de Gournay, called the daughter of Montaigne; from the history of the literary struggle in France at the beginning of the 17th century, H. B. Vipper, *Vest. Mosk. un. Ser. 7 filol. zhur.* 20 no. 5 16-32 S-O '65

GOVERNMENT OWNERSHIP see subdivision under Great Britain; United States

GRADING

Influence of changes in the grade of production on financial results, V. Korsunov, *Fin. SSSR* 39 no. 10 82-85 O '65

GRADING AND MARKING (STUDENTS)

Grading the work, Kh. Murtaev, *Shkola i prosv.* 9 no. 10 40-44 O '65

GRAIN

[see also subdivision under Kazakhstan, Virgin Territory; White Russia; Yuriyev-Pol'skiy District] Effect of various herbicides on the protein nitrogen content in the grain of field crops cultivated on Chernozem and turf-Podzolic soils, V. A. Alabushov, *Nauch. dokl. vyzh. shkoly, biol. nauki* no. 4 163-166 '65

Uptake of calcium by leguminous and gramineous crops under various conditions of nutrition, P. A. Dmitrenko, E. G. Tomashevskaya, *Agroklimat* no. 8 70-81 Ag '65

GRAIN—CLEANING

Method of calculating for vertical cylindrical centrifugal vibrating sieves, T. S. Goncharov, *Trakt. i sel'khoz-mash.* no. 9 21-23 S '65

GRAIN—COSTS see subdivision under Ukraine

GRAIN—DISEASES AND PESTS

Forecasting of some pests of Pavlov Zashch. rast. vred. i bol. 10 no 7 42-43 '65

GRAIN—DRYING

Mathematical description of the process taking place in shaft grain dryers V I Zhidko and others. Izv. vuz. ucheb. zap., pishch. tekhn. no 5 171-178 '65

Optimal operating conditions of the device for controlling the tongue of flame in furnaces of grain dryers B. Forin. Muk. -elev. prom. 31 no 8 25-28 Ag '65

The SZS-8 twin shaft grain dryer. P. Novikov. Tekhn. v sel'khoz. 25 no 6 81 Je '65.

GRAIN—FERTILIZERS AND MANURES

(see also subdivision under Buryat A.S.S.R.)

Biological cycle of nitrogen and ash elements in grain crop fields in turf-podzolic soils. F.I. Levin. Agroklimat. no. 8 56-64 Ag '65

GRAIN—GRADING

New developments in determining the quality of grain Muk. -elev. prom. 31 no 8 1-2 Ag '65

GRAIN—HARVESTING see subdivision under Azerbaijan, Kurgal'dzhino District

GRAIN—MILLING

Milling wheat with a 67% output of high-grade flour B. Khurtsev, B. Musluk. Muk. -elev. prom. 31 no 8 9-13 Ag '65

GRAIN—MOISTURE

Voltage stabilizers secure consistent precision of the operation of a moisture meter A. Suvorov. Muk. -elev. prom. 31 no 8 20-21 Ag '65

GRAIN—STORAGE see subdivision under North Kazakhstan Province

GRAIN—TRANSPORTATION

Losses of pressure in overcoming the deceleration of grain products in vertical pneumatic transportation V. Pal'tsev, N. Volodin. Muk. -elev. prom. 31 no 8 21-21 S '65

Minimal permissible air speed in vertical pneumatic conveying of grain products V. Pal'tsev, T. Dmitruk. Muk. -elev. prom. 31 no 8 17-20 Ag '65

Transportation of the grain of the new crop. Muk. -elev. prom. 31 no 9 1-2 S '65

GRAIN BREEDING

Production of economically valuable artificial mutations in grain crops N. S. Shcheglova. Genetika no 2 143-147 Ag '65

GRAIN ELEVATORS

Elevators from precast reinforced concrete, F. A. Isasera, G. A. Zederman, L. S. Khoroshil. Bet. i zhel. bet. 11 no 10 12-14 O '65.

GRAIN ELEVATORS—DESIGN AND CONSTRUCTION

Boldly proceed with rapid construction of elevators. I. A. Vainer. Sel'. stroi. 20 no 9 3-4 S '65.

Premature confidence. M. Shutenin. Sel'. stroi. 20 no 9 23-24 S '65

Total prefabrication of elevators. B. Gogolev. Sel'. stroi. 20 no 9 4-6 S '65.

GRAIN HANDLING

From exhibition stands into production. A. Blidman. Inform. bui. VDNKI no. 3 25-26 Mr '65.

GRAIN-HANDLING MACHINERY

Our demands of the makers of equipment I. Kovnatski, R. Bogomol'nyi, M. Borskaia. Muk. -elev. prom. 31 no 8 29-30 Ag '65

GRAIN-HANDLING MACHINERY—EXHIBITIONS

Exhibition on the technology of grain processing A. Blidman. Muk. -elev. prom. 31 no 9 9-10 S '65

GRAIN-HANDLING MACHINERY—TERMINOLOGY

Problem of regulating the terminology on the storage and processing of grain A. Baum, L. Kochetkov. Muk. -elev. prom. 31 no 9 30-31 S '65

GRAIN TRADE see subdivision under European Economic Community Countries

GRAIN TRADE—ACCOUNTING

Procedure for calculating, accounting, and reporting in carrying out the planned and surplus purchases of grain and sunflower seeds at new prices. G. Kazakov. Muk. -elev. prom. 31 no 9 27-29 S '65

GRAMICIDIN

Effect of aeration on the development and gramicidin S formation in the *Bacillus brevis* var. G.-B. culture. M. B. Kupletskaja. Mikrobiologiya 34 no. 5 905-911 S-O '65.

Effect of various nutrients on the gramicidin formation by *Bacillus brevis* var. G.-B. T. P. Udalova, R. I. Fedorova. Mikrobiologiya 34 no. 4 631-635 Ji-Ag '65.

Nucleotides of *Bacillus brevis* GB cells producing and not producing gramicidin S. S. A. Silueva and others. Biokhimiia 30 no 5 947-955 S-O '65.

GRAMINEAE

Genus *Zingeria* P. Smitt. and allied genera of the Gramineae family, a karyosystematic research. N. N. Tsvetov, Z. V. Bolikhovskikh. Bot. zhurn. 50 no 9 1317-1320 S '65.

GRAMMAR, COMPARATIVE AND GENERAL

Interrelation of the categories of modality and predication. B. V. Kurychikov. Voprosy lingv. i filol. no. 3 93-97 '65.

GRAMMAR, COMPARATIVE AND GENERAL—WORD FORMATION

Kubriakova, E. S. [What word formation is] Chto takoe slovoobrazovanie. Moskva, Nauka, 1965. 76 p

GRAMSCI, ANTONIO, 1891-1937

Lebedev, A. A. [Antonio Gramsci on culture and art, the ideas and themes of the "Letters from prison." Essays] Antonio Gramsci o kul'ture i iskusstve, idei i temy "Tisimennykh tetradel." Ocherki. Moskva, Iskustvo, 1965. 180 p.

GRANARIES

Complete the construction of grain receiving stations without delay. Sel'. stroi. 20 no 9 1-2 S '65.

Granaries of increased capacities K. F. Golov, A. Tsyplakov. Muk. -elev. prom. 31 no 9 20 S '65

GRANARIES—FIRES AND FIRE PREVENTION

How to prevent fires in grain dryers V. Mamardashvili. Pozh. delo no 9 25 S '65

GRANITE see subdivision under Alay Range

GRANULAR MATERIALS

Coefficient of internal friction in drums with a high degree of filling. V. I. Valutskii. Izv. vuz. ucheb. zap., pishch. tekhn. no 5 179-181 '65.

Conditions for securing given dimensions of granules. B. A. Otenev, G. V. Sagaliev. Plast. massy no 10 17-21 '65

GRANULOMA BENIGNUM

Sarcoidosis. I. B. Bellin. Voen.-med. zhurn. no. 1 40-40 '65.

GRAPES—ANALYSIS

Carbohydrate and lignin content per cell in grape shoots. O. P. Ritschun. Fiziol. i anat. 12 no 3 470-488 My-Je '65.

GRAPES—DISEASES AND PESTS

(see also subdivision under Moldavia)

Spraying and intertillage. P. Ivanchenko. Zashch. rast. vred. i bol. 10 no 7 30 '65

GRAPES—DRYING

Improved stacking method for grape drying to raisin. V. V. Khlopov. Koms. i ov. prom. 20 no 10 20-30 O '65.

GRAPES—FERTILIZERS AND MANURES

(see also subdivision under Astrakhan-Bazar District)

Arutunian, A. S. [Fertilizers for vineyards] Udobreniia vinnogradnikov. Moskva, Kolos, 1965. 215 p. (DNL)

GRAPES—FROST RESISTANCE

European grape varieties as parent material for the purpose of breeding for frost resistance. S. A. Pogosian. Dokl. Akad. sel'khoz. nauk no. 9 9-13 S '65.

GRAPH THEORY

Analysis of automatic control systems using signal flow graphs, graphical method. V. V. Kleshchov. Avtomatika 10 no 4 87-92 '65.

Estimation of the external stability number of a graph. V. G. Vizing. Dokl. AN SSSR 164 no. 4 729-731 O '65.

GRASSES

(see also subdivision under Latvia)

Seed productivity of perennial grasses as related to the characteristics of the formation and function of their assimilation apparatus. M. F. Martynova, L. N. Alekseenko. Agroklimat. no. 8 113-118 Ag '65.

GRASSES—FERTILIZERS AND MANURES

(see also subdivision under Kirghizistan)

Meadow formation on slopes. V. A. Chetkasova. Zemledelie 27 no. 11 38-40 N '65

On the threshold of the extensive chemicalization of agriculture. M. P. Petukhov. Zemledelie 27 no. 10 48-55 O '65.

Use of potassium fertilizers for meadows and sown grasses. R. S. Smirnova. Agroklimat. no. 8 82-88 Ag '65.

Ways for increasing the productivity of meadows in Azerbaijan. G. K. Kuliev. Zemledelie 27 no. 11 41-45 N '65.

GRAVITATION

Evolution of a system of gravitationally interacting point masses. I. A. Zel'dovich, M. A. Podurem. Astron. zhurn. 42 no 5 861-911 S-O '65.

General solution of the equations of gravitation with simultaneous flatness singularities. V. A. Belinskii, I. M. Khalitnikov. Zhur. eksp. i teor. fiz., 40 no. 5 1000-1008 S '65

Gravitational emission of double stars V. N. Monovskii. Astron. zhurn. 42 no 5 977-980 S-O '65.

Gravitational field of rotating superdense configurations. V. TS. Gurovich. Astron. zhurn. 42 no. 6 674-676 S 43 '65

GRAVITY

Use of formulae of the first approximation in calculating the characteristics of the earth's gravitational field. I. P. Litvin. Izv. VNIIGAIK no 157 105-109 '65

GRAVITY—MODELS

Modeling the action of gravity and hydrostatic pressure on twin centrifugal models. S. G. Ginzburg. Izv. VNIIGAIK 76 35-41 '64.

GRAVITY—PHYSIOLOGICAL EFFECT

Gravitational forces and phylogeny in vertebrates. P. A. Korzhuev. Usp. nov. biol. 60 no. 2 371-388 S-O '65.

GRAVITY ANOMALIES

Calculating the first and second vertical gravity derivatives from maps of gravity anomalies. M. I. Birkina. Izv. VNIIGAIK no 157 116-124 '65

Calculation methods based on Molodtseva's integral equation for the disturbing potential. V. F. Litvinov. M. I. Birkina. Izv. VNIIGAIK no. 157 140 '65

Estimation of the accuracy of Molodtseva's formulae for the vertical gravity gradient using models of the earth. M. P. Ignatova. Izv. VNIIGAIK no. 157 125-133 '65

Notes on a short communication from J. F. Molodtseva concerning the calculation of plumb line deflections V. F. Litvinov. M. I. Birkina. Izv. VNIIGAIK no. 157 135-138 '65.

A set of master curves for calculating the effect of neighboring zones on the quasi-geoidal height and plumb line deflection in determining the effect of distant zones from Molodtseva's formulae. L. I. Krutkova. Izv. VNIIGAIK no. 157 100-115 '65.

Tables for use in allowing for the nonlinearity of the effect of altitudes of a topographic mass on plumb line deflections. L. M. Orlov. Izv. VNIIGAIK no 157 101-108 '65.

Use of a model in testing the validity of the principle of numerical integration in calculations based on Molodtseva's integral equation for the disturbing potential. M. I. Birkina, A. B. Samoilova. Izv. VNIIGAIK no. 157 41-51 '65

Use of a model of the earth in estimating the individual correcting members to the Stokes approximation for the coefficients of decomposition of the disturbing potential. M. I. Birkina, G. A. Alekshina. Izv. VNIIGAIK no. 157 50-53 '65.

Calculation of the correction for the effect of a solid disturbing observation by a gravimeter. P. P. Mal'guzov, G. A. Sokolov. Izv. vuz. ucheb. zap., geod. i aev. 11 no. 5 122-127 My '65.

GRAY MULLET—PARASITES see Parasites—Gray mullets

GREAT BRITAIN—AIRPLANE INDUSTRY

Shadow of the dollar over the airplane industry of Great Britain. I. Tashnikov. Mir, ekon. i mezhdunar. otn. no. 11 114-117 '65.

GREAT BRITAIN—COLONIES—AFRICA, EAST see Africa, East—British colonies

GREAT BRITAIN—ECONOMIC CONDITIONS—MATHEMATICAL MODELS

Modeling of economic systems. Richard Stone. I. iet. i mat. metod. 1 no. 3 303-309 My-Je '65.

GREAT BRITAIN—EDUCATION, PRESCHOOL

Schools for tots in Great Britain. Zh. Tashnikov. Detsk. vosp. 38 no. 7 199-201 Ji '65.

GREAT BRITAIN—FOREIGN RELATIONS—JAHIRIN

"There is no peace in the state of general prosperity." V. Bodianskii. Sov. profsoyuz 21 no. 21 38-39 N '65.

GREAT BRITAIN—GOVERNMENT OWNERSHIP

Eganov, G. L. [Government ownership in England and the U.S.A.] Gosudarstvennaia sobstvennost' v Anglii i SShA. Breven, 1-6-vo Anarman'skoi SSR, 1964. 202 p

GREAT BRITAIN—GOVERNMENT OWNERSHIP—LITERATURE

Akademiia nauk SSSR. Fundamental'nai biblioteka obshchestvennykh nauk. [Nationalization and the problems of nationalized branches in Great Britain in the postwar period, a bibliographical list of books and periodical articles for 1946-1963] Narodnizatsiia i problemy natsionalizirovannykh otelov v Velikobritanii v poslevoennyi period, bibliograficheskii ukazatel knig i zhurnal'nykh statet za 1946-1963 g.g. Moskva, 1964 137 p.

GREAT BRITAIN—LAND TENURE

Large-scale capitalist estates in England from the 17th to the 20th century. V. M. Lavrovskii, Vop. ist. 40 no. 10:165-171 O '65.

GREAT BRITAIN—MAPS

Thematic mapping of Great Britain. A. G. Isachenko, Vest. LGU 20 no. 10:130-114 '65.

GREAT BRITAIN—POLITICS AND GOVERNMENT

Aspects of a speech from the throne. L. Sedin, Nov. vrem. 23 no. 17:11-12 N '65.
Great Britain: A precarious balance of power. V. Oshpov, Mezhdunar. zhizn' 12 no. 11:95-91 N '65.

GREAT BRITAIN—PRINTING

British printing yearbook. Poligrafika no. 8:40 Ag '65.

GREAT BRITAIN—PRINTING PLANTS

In British printing plants. B. Gorbachevskii, V. Kostov, Poligrafika no. 8:40-45 S '65.

GREAT BRITAIN—STEAM TURBINES

Strength of steam turbine components during long-term operation. V. I. Roznitsin, Energomashinostroyeniye 11 no. 9:93 S '65.

GREAT BRITAIN—TRADE UNIONS

The trade unions of Great Britain. V. Pechenashkin, Mezhdunar. zhizn' 12 no. 11:150-151 N '65.

GREAT BRITAIN—TRUCK DRIVERS

Two worlds and two destinies. I. Arnaudov, Sov. profsoyuz 21 no. 20:4-6 O '65.

GREAT BRITAIN—TURBINES

Large turbine units of England and France and principal trends in the development of the turbine industry in these countries. S. L. Zil'berstein, Energomashinostroyeniye 11 no. 8:43-48, 3 of cover Ag '65.

GREECE see subdivision under Volga Delta

GREECE—BIOGRAPHY

The choice of heroes in Plutarch's "Parallel Lives" and the ancient biographical tradition. S. S. Averintsev, Vest. drev. ist. no. 7:51-57 '65.

GREECE—COMMERCE—EUROPEAN ECONOMIC COMMUNITY COUNTRIES

What did Greece get out of joining the "Common Market"? V. Popov, Vneshtorg 15 no. 10:30-33 '65.

GREECE—DESCRIPTION

Turkey, L. G. [At the foot of the Acropolis] U podnozhiia Akropolis, Moskva, Myst', 1965. 79 p. illus.

GREECE—POLITICS AND GOVERNMENT

A new phase of the Greek crisis. Arlinton Gieken, Nov. vrem. 23 no. 45:19 N '65.
A new stage of the crisis. N. Shimmel', Mezhdunar. zhizn' 12 no. 11:115-116 N '65.

GREECE—SURFACES

Cell sites in the Hellenic time. L. Press, Vest. drev. ist. no. 2:60-78 '65.

GREEN'S FUNCTIONS

Asymptotic behavior of classical Green functions in "viscous hydrodynamic approximation." B. I. Sadovnikov, Dokl. AN SSSR 164 no. 5:1074-1079 O '65.

An equation for "classical" Green functions in the kinetic approximation. B. I. Sadovnikov, Dokl. AN SSSR 164 no. 4:785-788 O '65.

GRINDING AND POLISHING

Analysis of the process of charging with abrasives finishing laps based on the theory of random processes. E. A. Nepomnashchii, Z. I. Kremen', Vest. mashinost. 45 no. 9:53-58 S '65.

Diamond iron. L. I. Iev, Izv. i ratn. no. 7:10 '65.

Grinding wheels and grinding conditions for frame saws. K. I. Dostanovskii, Der. prom. 14 no. 8:8-10 Ag '65.

Investigating the productivity of the flat lapping process. P. V. Chernikov, Vest. mashinost. 46 no. 8:50-52 S '65.

Kinematics of abrasive granules in line grinding. P. S. Il'minov, N. S. Tolstinskiy, Trudy KAI no. 84:132-142 '64.

Rolls for simultaneous burnishing of the two ends of parts. P. V. Chernikov, Stan. i inst. 38 no. 9:38-35 S '65.

Structure of the surface layer of polished silicon plates. T. P. Kapustina, T. G. Poyarkova, L. V. Tarnovskaya, Izv. vuzov, vych. zav., prib. 8 no. 5:152-157 '65.

Transistorized-ionic frequency converter for the power supply of an asynchronous motor of a grinding electric spindle. V. A. Labuntsov, Trudy MII 65:11-20 '65.

Vibratory grinding and polishing of parts. M. I. Shindukh, I. N. Kartashev, M. N. Nalsh, Vest. mashinost. 45 no. 9:84-88 S '65.

GRINDING MACHINES

Selecting the type of defibrator. F. G. Shukhman, V. A. Kudinov, Bum. prom. no. 7:23-24 Ji '65.

GRINDING WHEELS

Lapping tool with a pneumatic-hydraulic diameter regulation. G. S. Bliznikov, A. B. Tsvetl', Stan. i inst. 38 no. 9:25-28 S '65.

Selecting a grinding wheel for rough grinding of the 30Kh10G10 steel. S. P. Shishov, IA, Sh. Turetskii, Vest. mashinost. 45 no. 9:69-71 S '65.

GRODNO—LUPING BREEDING

Breeding the yellow forage lupine at the Grodno Experimental Station. H. S. Kanankov, Vest. AN BSSR. Ser. naft. prom. no. 3:70-72 '65.

GRODNO PROVINCE—MILITARY EDUCATION

Young friends of soldiers. IA, Kovganov, Voen. zhurn. 41 no. 10:33 O '65.

GRODNO PROVINCE—PLANTS, PROTECTION OF

In the Lida detachment. V. I. Rafimchik, Zashch. rast. ot vied. i bol. 10 no. 7:5-7 '65.

GROSBEAKS see subdivision under Soviet Central Asia

GROUPS, THEORY OF

Algebraic and regular finite planes. N. K. Pukhtarev, Sib. mat. zhur. 6 no. 4:892-899 Ji-Ag '65.

An analog of Pancherel's formula for a real unimodular group of the nth order. B. D. Romm, Izv. AN SSSR. Ser. mat. 20 no. 5:1147-1202 '65.

Bases in theorem on maximal subgroups of finite groups. IA, G. Hekovich, Sib. mat. zhur. 6 no. 4:931-937 Ji-Ag '65.

Extension of finite groups with transitivity characteristics for normal divisors. R. P. Medvedeva, Sib. mat. zhur. 6 no. 5:1098-1073 S-O '65.

Extensions of regular semigroups. Kh. N. Inasardze, Soob. AN Gruz. SSR 30 no. 1:3-10 Ji '65.

Finite groups with a "small" number of classes of isomorphically solvable nonradical subgroups. M. P. Lashchuk, Sib. mat. zhur. 6 no. 5:1037-1045 S-O '65.

Groupoid theory. V. V. Vagner, Izv. vuzov, vych. zav.; mat. no. 5:31-42 '65.

Groups with a normalizer condition for closed subgroups. V. I. Umnikov, Izv. AN SSSR. Ser. mat. 20 no. 5:1075-1088 '65.

Groups with minimum commutator conditions. D. I. Zaitsev, Sib. mat. zhur. 6 no. 5:1014-1020 S-O '65.

Homomorphous representations of semigroups. M. M. Lashchuk, Izv. vuzov, vych. zav.; mat. no. 5:80-85 '65.

Insolubility of certain algorithmic problems in groups defined by a system of generatrices and determining inequalities. V. I. Frenkel', Sib. mat. zhur. 6 no. 5:1144-1162 S-O '65.

Monolayer p-groups having an increasing central series. G. T. Baerlin, Izv. vuzov, vych. zav.; mat. no. 5:27-30 '65.

Nilpotent approximable groups. A. I. Likhman, Sib. mat. zhur. 6 no. 1:852-856 Ji-Ag '65.

Note on systems of group intransitivity engendered by the prescribed substitutions. D. A. Suprunenko, H. L. Petrova, Dokl. AN BSSR 9 no. 8:501-503 Ag '65.

On GP-quasi-nilpotent groups. M. I. Kravchuk, Sib. mat. zhur. 6 no. 5:1185-1189 S-O '65.

One property of alternative quasi-groups with an invariant finite measure. V. G. Lomelin, Dokl. AN SSSR 164 no. 4:749-742 O '65.

Representation of groups by generating and determining relations. A. I. Kostrikin, Izv. AN SSSR. Ser. mat. 20 no. 5:1119-1122 '65.

Scattering operators and contraction subgroups in Hilbert space. V. M. Adamian, D. Z. Arov, Dokl. AN SSSR 165 no. 1:19-12 N '65.

Scheme for the construction of radicals in groups. B. I. Plotkin, Sh. S. Komkhadze, Sib. mat. zhur. 6 no. 5:1197-1201 S-O '65.

Semilattice of cross products. A. E. Zaitsevskii, Sib. mat. zhur. 6 no. 5:1009-1013 S-O '65.

Space homology groups in a relatively directed system of open sets. L. R. Rukhadze, Soob. AN Gruz. SSR 30 no. 1:21-25 Ji '65.

Strengthening of two theorems for a certain class of groups. M. D. Grindlinger, Sib. mat. zhur. 6 no. 5:972-984 S-O '65.

Theory of polycyclic groups. K. Seksenbaev, Alg. i log. 4 no. 3:70-83 '65.

Unitary symmetry and the Poincaré group. V. I. Fushchik, Plin'v red. zhur. eksp. i teor. fiz. 2 no. 4:357-360 Ag '65.

Use of the semigroup method in studying the boundedness of solutions to a linear partial equation. E. IA, Melamed, Mat. sbor. 68 no. 2:228-241 O '65.

Valuations in groups and rings. Shama Prasad Bandopadhyay, Sib. mat. zhur. 6 no. 5:1176-1180 S-O '65.

GROUSE

Large-scale map drawing of the distribution of leucisoid birds. E. I. Korenberg, IU, V. Kovalevskii, V. I. Kuznetsov, Ornithologia no. 7:371-370 '65.

GROWTH (PLANTS)

Change in the anatomical structure of some grass roots as related to their aging. I. S. Mikhailovskaya, Zhur. MOIP, Ost. biol. 70 no. 3:81-86 My-Je '65.

Dynamics of lignin in the organs of wheat during growth. T. M. Vasil'eva, Ucheb. zap. Krasn. gos. ped. inst. 21 no. 6:13-19 '63.

Morphogenesis of the shoots of meadow fescue (Festuca pratensis Huds.) in relation to environment conditions. P. V. Lebedev, N. S. Mel'nik, Bot. zhur. 50 no. 3:614-625 My '65.

Significance of the age-related changes in plants and their management in plant growing. P. I. Gupalo, Buil. MOIP, Ost. biol. 70 no. 3:87-91 My-Je '65.

GROWTH INHIBITING SUBSTANCES

Autotoxicity of Bromus laevis L. M. S. Krasnagina, Nauch. dokl. vuz. shkoly, biol. nauki no. 4:120-123 '65.

Effect of antiseptum to the growth hormone on Crocker's sarcoma. A. F. Lazarev, V. K. Lotov, Biol. eksp. biol. 1 med. 60 no. 9:99-101 S '65.

Inhibiting effect of essential oils and coumarin compounds from Archangelica decurrens Ledeb. fruit on seed germination. G. A. Dotskova, Rast. res. 1 no. 3:425-432 '65.

GROWTH PROMOTING SUBSTANCES

Effect of Azolobacter as a producer of physiologically active substances. I. P. Bun'ko, Vest. AN BSSR. Ser. sel'sk. zav. no. 2:51-59 '65.

Effect of hybrid seeds and growth promoting substances on the development and full of reproductive organs in tomatoes. G. I. Usik, Nauch. dokl. vuz. shkoly, biol. nauki no. 4:150-162 '65.

Herbicides and plant regulators. Part 43. Reaction of N, N-dimethyl-N-methylphosphoryl chloride with anilines. N. N. Mel'nikov and others. Zhur. ob. khim. 35 no. 10:1771-1774 O '65.

Plant growth stimulants produced by Taphrina fungi. T. I. Drakina, Mikrobiologiya 34 no. 4:702-705 Ji-Ag '65.

Stimulating effect of fungus extracts on the algae Scenedesmus obliquus. T. P. Suprun, Nauch. dokl. vuz. shkoly, biol. nauki no. 4:189-192 '65.

GUANOSINE PHOSPHATES

Guanosine monophosphate-synthetase reaction of E. coli. S. R. Mardashov, I. M. Larovaia, Ukr. biokhim. zhur. 37 no. 5:751-760 '65.

GUDACHEV, ALEXSANDR

Beautiful handwriting. N. Shilin, Sov. voln. 46 no. 17:2-3 Ag '64.

GUJARATI LANGUAGE—GRAMMAR

Sivleva, L. V. [Gujarati language] Iazyk gudzharati. Moskva, Nauka, 1965. 69 p. (Iazyki narodov Azii i Afriki)

GULF STREAM

Mammals and the riddle of climate. V. P. P'iankov, Priroda 54 no. 10:66-91 '65.

GULF STREAM OF JAPAN see Kuroshio

GULLS see subdivision under Caspian Sea; Lithuania

GUMS—DISEASES

Results of the treatment of chronic parodontitis by means of resection of the root apex. N. A. Kodola, I. A. Kolesnikov, Probl. chel.-lita, khir. no. 1:138-141 '65.

GUMS—TUMORS

Pathoanatomical diagnosis of epulides. V. S. Vlaschenko, Probl. chel.-lita, khir. no. 1:106-108 '65.

GUNITE

Gunfiling of metallurgical furnaces. V. A. Lazovskii, Metallurg 10 no. 10:23-25 O '65.

Use of gunite in the construction of the Yalta tunnel. A. N. Aliforov, Stanki, stroit. 0 no. 7:23-24 Ji '65.

GUNPOWDER, SMOKELESS

Effect of luminous radiation on the combustion rate of H gunpowder. L. V. Konev, Nauch.-tekhn. probl. gor. i vzyva no. 2:76-82 '65.

GUNSHOT WOUNDS

Disorder of the function of the hypogastric plexus caused by a bullet wound. B. I. Novikov, Trudy Ver. med. inst. 51:188-189 '63.

Therapeutic principles in penetrating gunshot wounds of the maxilla. E. A. Kolesnikov, Probl. chel.-lita, khir. no. 1:116-122 '65.

GURJI, Metropolitan of Simferopol' and Crimea, 1891-1905

His Eminence Gurji, Metropolitan of Simferopol' and Crimea, Obituary. G. Severin, Zhur. Mosk. Patr. no. 9:17-19 '65.

In memory of a friend and teacher. Metropolitan Ioann, Zhur. Mosk. Patr. no. 9:20-21 '65.

GURYSKAYA (KRASNODAR TERRITORY)—RETAIL TRADE

Commerce does not tolerate indifference. G. Shvachkov, Sov. potreb. koop. 0 no. 10:45-47 '65.

- GUR'YEV PROVINCE—GERBILS**
Diurnal periodicity of oxygen requirement and body temperature fluctuations in *Meriones meridianus* Pall and *M. tamariscinus* Pall and lesser *susliks* (*Citellus pygmaeus* Pall) in Volga-Ural sands. N A Miroshnikov. Zool zhur 44 no 6 945-948 '65
- GUR'YEV PROVINCE—POTATOES—FERTILIZERS AND MANURES**
Cultivation practices in potato growing in Gur'yev Province. K Kislyashov. Trudy Resp opy sta part i oroshch khoz 2 42-52 '66
- GUR'YEV PROVINCE—SHEEP BREEDING**
Some regularities in the development of the Edilbay sheep and the possibilities of their breeding in Gur'yev Province. V I Zhamurin, S Tokhuzhin. Trudy Inst, eksp biol AN Kazakh SSR 11 182-183 '65
- GUR'YEV PROVINCE—SUSLIKS**
Diurnal periodicity of oxygen requirement and body temperature fluctuations in *Meriones meridianus* Pall, *M. tamariscinus* Pall and lesser *susliks* (*Citellus pygmaeus* Pall) in Volga-Ural sands. N A Miroshnikov. Zool zhur 44 no 6 945-948 '65
- GUR'YEV PROVINCE—TILLAGE**
Cultivation practices in potato growing in Gur'yev Province. K Kislyashov. Trudy Resp opy sta part i oroshch khoz 2 42-52 '66
- GUSEV, VLADIMIR EGOROVICH, 1905-**
Jubilee of Professor V. E. Gusev. Tekst. prom. 25 no. 10 92 O '65
- GUTTA—PERCHA**
Effect of the chemical irregularity of trans-1, 4-polyisoprene chains on its structural and mechanical properties. From Khuz and others. Vysokom seed 7 no 9 1520-1528 S '65.
Structural transformations in gutta-percha when the chemical regularity of the chain is disturbed. N A Plate and others. Vysokom seed 7 no 9 1520-1525 S '65.
- GUZOV, SAMSON GETSOVICH, 1909-1965**
To the memory of S G Guzor, an obituary. Stal. prozv. no 10 48 O '65
- GYDAN RANGE** see Kolyma Range
- GYMNASTICS**
Some results of the work of athletic gymnastics groups. V A Grossman, N M Khudakov. Tcoi. i prak. fiz. kul't, 28 no 9 49-51 S '65.
Technical training of gymnasts. M L Utrian, Tcoi. i prak. fiz. kul't, 28 no 9 52-63 S '65.
- GYMNASTICS, MEDICAL** see Exercise therapy
- GYNECOLOGY**
Late results of the treatment of female sterility at Lipetsk Health Resort. E F. Duvina, Z I Gorlatova, Sbo nachrakh, vrach san-kur, uchr. profsovkov no 1 185-190 '64.
Treatment of gynecologic patients with sulfide water from the sulphate springs by the method of underwater vaginal irrigation. T. A. Bazilian. Akush. i gign. no 1 147 '65.
Treatment of iron-deficiency anemia in patients with gynecologic diseases. R L. Matishchevskaya. Akush. i gign. no 2 120-122 '65.
Treatment of urethritis in gynecologic practice. V I Savinykh. Akush. i gign. no 2 123-125 '65.
Use of sodium salt of persulfate iontophoresis in the treatment of inflammation of the genitalia. P P. Paschenko. Akush. i gign. no 2 137-138 '65
- GYNECOLOGY, OPERATIVE**
Isolated torsion of the fallopian tube following sterilization by the Madlener method. E. F. Zolnits. Akush. i gign. no 2 148-149 '65
- GYNECOLOGY, OPERATIVE—COMPLICATIONS AND SEQUELAE**
Significance of the determination of the extent of hemorrhage in gynecological operations. G A. Saprykin. Akush. i gign. no 2 74-81 '65.
- GYPSPUM**
Methods for determining the moisture in gypsum-bearing soils. I. F. Monolov. Pochvovedenie no 9 72-76 S '65.
- GYROCOMPASS**
Stability of a two-rotor gyrocompass. V. D. Korolev. Izv. AN SSSR, Mekh. no 5 141-143 S-O '65.
- GYROSCOPE**
Conditions for the presence of a constant pressure center in a body of a complex geometrical shape. A. B. Riebov. Izv. vyz. ucheb. zav. i prib. 8 no 5 84-88 '65.
Features of the errors of a gyrostabilizer consisting of float-type gyroscopes. V. S. Frolov. Avtom. i telem. 26 no 9 1551-1553 S '65.
- GYROSCOPIC INSTRUMENTS**
Natural vibrations of a uniaxial mechanical gyrostabilizer. S. S. Antunov. Trudy KAI no 78 3-10 '61.
Nondisturbance of a gyroscopic pendulum. M. Z. Litvin-Sedol. Izv. vyz. ucheb. zav. i prib. 8 no 5 91-94 '65.
Stability of a triaxial gyrostabilizer. I. V. Novozhilov. Izv. AN SSSR, Mekh. no 5 137-140 S-O '65.
- GYROSCOPIC INSTRUMENTS—TESTING**
Effect of elastic properties of supporting elements of a gyrolachometer on the frequency of its natural vibrations. E. I. Shly, M. A. Uzkala. Izv. vyz. ucheb. zav. i prib. 8 no 5 97-102 '65.
- HABITS AND BEHAVIOR OF ANIMALS** see Animals, Habits and behavior of
- HAFNIUM**
Extraction of zirconium and hafnium from hydrochloric acid solution by acetophenone. N. I. Gelfand, and others. Izv. vyz. ucheb. zav. i prib. i khim. tekhn. 8 no 3 402-406 '65.
- HAFNIUM BROMIDE**
Determination of the density and pressure of zirconium and hafnium tetrabromide vapors. S S. Beidunov, V I. Tsirel'nikov, A. V. Lapitskiy. Vest. Mosk. un. Ser. 2 Khim. 20 no 4 26-28 Ji-Ag '65
- HAFNIUM CHLORIDES**
System $UO_2-Cl_2-H_2O$. I. A. G. Goroshchenko, T. P. Spasibenko. Zhur. oborg. khim. 10 no 9 2150-2162 S '65.
- HAFNIUM COMPOUNDS**
Production of sodium zirconyl and sodium hafnium silicate crystals. V. G. Chukhlantsev, I. U. M. Polehaev. Izv. vyz. ucheb. zav. i prib. i khim. tekhn. 8 no 3 387-399 '65
- HAIL** see subdivision under Moldavia
- HALHAIR GOLF, BATTLE OF, 1039**
Three heroes of a ram attack. S. Kudrinsk. Kiy. rev. 26 no 6 5 Je '65.
- HALIBUT** see subdivision under Bering Sea
- HALL EFFECT**
Longitudinal Hall effect in cubic crystals. A. F. Kravchenko, A. V. Ryzhkov, V. S. Sardarian. Dokl. AN SSSR 164 no 5 1016-1018 O '65.
Transverse resistance and Hall effect in p-germanium in high magnetic fields in the temperature range of 70-300°K. E. A. Sytova, F. P. Bekker, L. B. Binstum. (Li Ping-tsung). Fiz. tver. tela 7 no 9 2071-2073 S '65.
- HALLUCINATIONS AND ILLUSIONS**
Correlation of Kandinskii-Clerambault syndrome with the catonic syndrome. S. A. Iaroslavskiy, Zhur. novy i psikh. 65 no 10 1533-1536 '65.
Prognostic significance of Kandinskii-Clerambault syndrome in paranoid schizophrenia. L. K. Khokhlov, Zhur. nev. i psikh. 65 no 10 1524-1532 '65.
- HALOBACTERIUM**
Secret of red lakes. B. I. Kurochkin. Priroda 54 no 10: 61-62 '65.
- HALOCHROMISM**
Halochromism of quinoline analogs of chalcone with electron-donor substituents. S. V. Tsukerman, Chao Kuok Shon, V. V. Lavrushev. Zhur. ob. khim. 35 no 10 1723-1728 O '65
- HALOGENATION**
Halogenation of simple olefins in the solid phase at low temperatures. V. A. Lishnevskiy. Khim. i tekhn. 6 no 3 408-414 My-Je '65.
- HAMAMELIS**
Morphology of the genus *Hamamelis* L. N. T. Skvortsova, Bot. zhur. 50 no 8 1143-1148 Ag '65.
- HAND**
Danilova, E. I. [Evolution of the hand in relation to problems of anthropogenesis] Evolutsia ruki v svyazi s toposami antropogeneza. Kiev, Naukova dumka, 1965. 197 p
- HAND—TUMORS**
Diagnosis of tumors of the hand bones. G. V. Menzhinskaya. Ortop. i travm. i protez 26 no 5 63-65 My '65.
- HANDICAPPED CHILDREN—EDUCATION**
Let's give more attention to the schools for deaf, blind and mentally handicapped children. Nar. obr. no 10: 125 O '65.
- HARBORS**
Methods for determining the standards of simultaneous handling of ships and the capacity of fishing ports. A. V. Sorokina. Ryb. khoz. 41 no 6 78-79 '65
- Zolotarev, V. I., S. M. Sudakov, and N. I. Fomenko. [Transportation within a port] Vnutriportovyi transport. Moskva, Transport, 1965. 165 p
- HARBORS—ELECTRIC EQUIPMENT**
Using the correlation method of mathematical statistics in calculating and predicting the electric power loads of river ports. B. S. Poin. Trudy LIT no 71 16-16 '61.
- HARD FACING**
Alloying ceramic fluxes for wear-resistant hard facing. S. R. Puzina. Trudy LIT no 80 47-53 '65.
Deformation of the cross section of thin-walled steel cylinders during longitudinal hard facing. A. A. Orlov. Trudy LIT no 80 37-46 '65.
Mechanized hard facing of machine tools. V. N. Kuznetsov. Stal. prozv. no 10 36-37 O '65.
Reconditioning cylindrical steel parts by thin-layer build-up welding. A. I. Kuter. Trudy LIT no 80 12-16 '65.
Reconditioning worn-out pistons made of aluminum alloys by ion-arc build-up welding. F. F. Demina. Trudy LIT no 80 17-27 '65.
Use of hard facing in a carbon dioxide atmosphere in industrial parts. V. D. Stupakov. Trudy OMI 11 pt 2 147-148 '63.
- HARD FACING—EQUIPMENT AND SUPPLIES**
Use of toroids as a choice of coil for induction hard facing. M. N. Petrov, N. N. Vafutov, V. A. Morozov. Stal. prozv. no 10 30-32 O '65.
- HARDBOARD**
Kosolovskiy, M. M. [The hardboard market] Rynek drevesnykh plit. Moskva, 1965. 60 p. (Bulletin' informatsionno-kommercheskoi informatsii, prilozhenie, no 18)
- HARELIP**
[see also subdivision under Ukraina]
Bone grafting in congenital harelip and cleft palate. T. P. Semchenko. Probl. chel.-lits. khir. no 1 102-107 '65.
Correction of secondary deformation of the maxilla by means of segmental osteotomy following congenital harelip and cleft palate. N. P. Morgoval. Probl. chel.-lits. khir. no 1 101-103 '65.
Hypoplasia of the maxilla in congenital penetrating harelip and cleft palate. G. G. Kikilov. Probl. chel.-lits. khir. no 1 100-100 '65.
State of the accessory sinuses of the nose in congenital harelip and cleft palate. L. A. Demchenko. Probl. chel.-lits. khir. no 1 83-85 '65.
- HARMONIC ANALYSIS**
Approximation of empirical correlation functions calculated from experimental data. V. P. Kiselev, E. A. Poin, N. V. Kholodkov. Avtomatika no 4 101-106 '65.
Harmonic analysis of subsonic-frequency electric signals and graphic conversion. A. I. Naidenov. Trudy LIT no 9 33-35 S '65.
Harmonic analysis using an analog computer. V. P. Sidakina. Izv. vyz. ucheb. zav. i elekt. tekhn. 8 no 8 1007-1009 '65.
- HARMONIC FUNCTIONS**
Pluriharmonic functions in tubular radial regions. V. S. Vladimirov. Izv. AN SSSR, Ser. mat. 23 no 5 1153-1155 '65.
- Problem of the directional derivative.** A. I. Anan'chenko. Dokl. AN SSSR 164 no 4 761-768 O '65.
- HARVESTING MACHINERY**
Canvasless conveyor of a reaper. I. Lapshin. Tekhn. sel'khoz. 25 no 6 70-80 Je '65.
Determining the transverse bending of stalks in the cutting apparatus of harvesting machines. V. P. Semenov, A. G. Kuznetsov. Trakt. i sel'khoz. mash. no 9 21-25 S '65.
Improve the quality of work of grain harvesting machines. A. Koganov, A. Kozmenko. Tekhn. sel'khoz. 25 no 6 70-79 Je '65.
Straw harvesting in the Virgin Territory. V. M. Vorob'ev. Trakt. i sel'khoz. mash. no 9 17-18 S '65.
Tractor-mounted rakes for harvesting hay, crop residues, straw, and legumes. V. Kabanin. Tekhn. sel'khoz. 25 no 6 63 Je '65.
- HARVESTING MACHINERY—TESTING**
Studying stress conditions of the mobile frame of the SKEM-3Q beet harvesting combine by the optical method. A. M. Gukicheva, I. U. B. Brudilovskiy, P. P. Gerasimenko. Trakt. i sel'khoz. mash. no 8 27-29 Ag '65.
- HASWELL ISLAND—PETREL**
The Cape pigeon, snow petrel, and Wilson's petrel on Haswell Island. M. J. Pryor. Inform. biol. Sov. antark. eksp. no 52 56-59 '65.
- HAWKS** see subdivision under Tallinn region

HAY see subdivision under Lithuania

HAY—HARVESTING

New hay harvesting machines. A. P. Pavlov, Tekhn. v sel'khoz., 25 no. 6:36-41 Je '65.

HAYIT, BAYMIRZA

Nusupbekov, Akal, and Khamid Bisenov. [Falsification of history and the historical truth] Fal'sifikatsiya istorii i istoicheskaya pravda. Alma-Ata, Kazakhstan, 1964. 217 p.

HEALTH EDUCATION

Sanitary and hygienic training of students. N. O. Dima-kova, Rad. shkol., 11 no. 6:97-99 Je '65.

Sergienko, L. P., and M. N. Syrachkovskaya. [Sun, air and water] Solntse, vozdukh i voda. Izd. 2. Moskva, Meditsina, 1965. 77 p. (Biblioteka shkol'nika)

HEALTH RESORTS, WATERING PLACES, ETC.

[see also subdivision under Adler, Krasnodar Territory, Caucasus, Northern, Crimea, Druskininkai, Lithuania, Dvintari, Latvia, Kislovodsk, Lipetsk, Sochi, Transcarpathia, Truskavets, Ukraine, Yalta, Yessentuki, Yevpatoriya, Ukraine]

Effectiveness of compound health-resort treatment of residual phenomena following infectious diseases of the central nervous system. F. I. Akopova and others. Sbor. nauch. rab. vrach. san.-kur. uch. profsojuzov no. 1:25-32 '64.

Specialized dermatologic sanatorium as the basic form of organized treatment of skin diseases at a health resort. P. V. Kozhevnikov, I. I. Malkin, S. I. Dovzhanik. Vest. dermat. i ven. no. 1:73-79 '65.

Use of inductotherapy combined with other physical factors. I. V. Kullin, P. N. Germanov, Sbor. nauch. rab. vrach. san.-kur. uch. profsojuzov no. 1:198-201 '64.

HEARING

Ability of localizing the source of sound in space following unilateral removal of the auditory cortex. V. M. Most-dze. [Trudy] Inst. fiziol. AN Gruz. SSR 14:139-144 '65.

HEART

Comparative morphology of the heart and coronary vessels in some animals. V. V. Isayev. Trudy Inst. eksp. biol. AN Kazakh. SSR 11:271-278 '65.

Decreasing the toxic effect of penicillin on the cardiac activity by means of sodium lactate. T. V. Vetrovko. Gemat. i perel. krov. 1:69-70 '65.

Effect of the transfusion of some blood substitutes and blood on the rate of the coronary blood flow, myocardial oxygen consumption and heart action. I. B. Kokhanov. Fiziol. zhur. 51 no. 7:814-850 '65.

Histochemical evidence of the presence of glycogen and potassium in the conductive system of the heart. L. S. Kirpichnikova, M. I. Bronshteyn, I. A. Bukayeva. Nauch. dokl. vys. shkoly, biol. nauki no. 4:78-80 '65.

Role of calcium ions in the excretion of stimulating substances from a frog's heart under the effect of acetylcholine and adrenaline. T. G. Putintseva. Fiziol. zhur. 51 no. 7:851-856 '65.

Seasonal variability of the changes in cardiac minute volume following a standard stress. V. V. Kokhanov. Nak. vop. khim. i kr. no. 3:52-56 '63.

HEART—DISEASES

Dynamics of the enzymatic activity of myocardial myosin in compensatory cardiac hyperfunction. G. V. Chernysheva, T. Z. Meerson. Vop. med. khim. 11 no. 2:17-20 Mr.-Ap '65.

Effect of compensatory hyperfunction and hypertrophy of the heart on the content of vitamins B₁, B₂ and B in the myocardium and liver in rabbits. V. B. Spirichev and others. Vop. med. khim. 11 no. 2:54-59 Mr.-Ap '65.

Nomenclature and classification of myocarditis of various etiologies; report. A. A. Kedrov's article. G. A. Doshalonts, E. S. Rusilovskii, A. A. Kedrov. Kardiologiya no. 3:90-93 '65.

Parasympathetic. L. I. Brokhes. Kardiologiya no. 3:72-75 '65.

Pathological anatomy and pathogenesis of pulmonary hypertension in chronic insufficiency of the left ventricle caused by atherosclerosis and hypertension. Kh. M. Odina. Kardiologiya no. 3:22-28 '65.

Phonocardiography and systolic periods in extrasystole. Z. B. Bolotserkovskii. Kardiologiya no. 3:41-47 '65.

HEART—HYPERTROPHY AND DILATION

Quantitative evaluation of hyperfunction of the left ventricle in hypertension. Z. L. Dolabichian. Kardiologiya no. 3:18-22 '65.

HEART—INFARCTION

Atypical course of a myocardial infarct. M. P. Chatskis, N. Eshelidze. Sbor. nauch. trud. TashGMI 22:18-24 '62.

Change in the enzymic activity of sarcoplasmic proteins of heart muscle in experimental myocardial infarction. I. I. Ivanov and others. Ukr. biokhim. zhur. 37 no. 5:712-720 '65.

Disorders of cerebral blood circulation in the acute stage of myocardial infarct. L. M. Kharcheva, L. M. Voroshilina. 51-57-81 '63.

Effect of motor regimen on the function of the cardiovascular system in patients with myocardial infarct. V. S. Sedolov, G. A. Minasian, D. L. Axtatshian. Zhur. eksp. i klin. med. 5 no. 1:78-84 '65.

HEART—INNERVATION

Significance of the diencephalon and mesencephalon in mechanisms of the central inhibition of cardiac activity. V. I. Klimova-Cherkasova. Fiziol. zhur. 51 no. 1:761-792 '65.

HEART—MUSCLE

Determination of basic electric characteristics of the myocardium of the frog's ventricle. M. B. Berkman and others. Biokhimiya 10 no. 5:561-567 '65.

Dynamics of the enzymatic activity of myocardial myosin in compensatory cardiac hyperfunction. G. V. Chernysheva, T. Z. Meerson. Vop. med. khim. 11 no. 2:17-20 Mr.-Ap '65.

Effect of compensatory hyperfunction and hypertrophy of the heart on the content of vitamins B₁, B₂ and B in the myocardium and liver in rabbits. V. B. Spirichev and others. Vop. med. khim. 11 no. 2:54-59 Mr.-Ap '65.

Effect of NiCl₂ on electric and mechanical activity of the myocardium of a frog. E. B. Babitskii, E. A. Donskikh. Dokl. AN SSSR 164 no. 5:1197-1200 O '65.

Effect of pantoic acid, methionine, and a mixture of gluconate and glycine on the metabolism in a heart muscle and the electrocardiography of muscular activity. N. N. Iakovlev, N. I. Vol'nov, L. G. Leshkevich. Ukr. biokhim. zhur. 37 no. 5:818-835 '65.

Innervation of the myocardium following its stimulated regeneration. E. V. Guseva. Dokl. AN SSSR 164:1100-1103 O '65.

Pathology of the myocardium in the decompensation of cor pulmonale. E. A. Prigozhin. Sbor. nauch. trud. TashGMI 22:25-31 '62.

Phosphorylase activity and protein-bound noradrenaline in the heart of a rabbit. M. P. Barts. Biokhimiya 10 no. 5:922-926 S-O '65.

Role of ergometry, spirometry, and electrocardiography in evaluating the functional state of the heart muscle in tyrotoxicosis. V. N. Bunchidze and others. Sbor. AN Gruz. SSR 19 no. 1:225-230 Ji '65.

Stimulation of regeneration of the heart muscle in diphtherial myocarditis. L. V. Poleznev, S. P. Kolchin, G. N. Solntseva. Dokl. AN SSSR 164 no. 4:949-952 O '65.

HEART—SOUNDS

Phonocardiographic data on the 3rd and 4th cardiac sound in rheumatic carditis. N. A. Abramova. Sov. med. 28 no. 3:130-133 Mr '65.

Phonocardiography and systolic periods in extrasystole. Z. B. Bolotserkovskii. Kardiologiya no. 3:41-47 '65.

HEART—SURGERY

Cardiac insufficiency following mitral commissurotomy. S. A. Gudzhev, I. I. Molyshev. Kardiologiya no. 3:61-66 '65.

Effect of anesthetics and some hemodynamic disorders during anesthesia on the neuromuscular transfer of excitation and the action of muscle relaxants. V. A. Kovanev, I. A. Khmelevskii. Vest. AMN SSSR no. 4:78-86 '65.

[Multivolume manual on surgery] Mnogotomnoe rukovodstvo po khirurgii. Moskva, Meditsina. Vol. 8. Pt. 1. Bakulev, A. N., and B. V. Petrovskii, eds. [Surgery on the heart and major vessels] Khirurgiya serdtsa i magistral'nykh sudov 1965. 577 p. (DNLM)

HEART—WOUNDS AND INJURIES

Changes in the gaseous composition of the blood following transfusion of polyglucin, BK-8 and 10% solution of sodium lactate in experimental cardiac wounds. A. N. Daniluk. Gemat. i perel. krov. 1:53-56 '65.

Use of blood substitutes in cardiac wounds under hypothermia conditions. Z. P. Fedorova. Gemat. i perel. krov. 1:57-60 '65.

HEART BLOCK

Atrioventricular dissociation. L. Migulova and others. Kardiologiya no. 3:52-55 '65.

Clinical electrocardiographic picture of a total atrioventricular block. O. A. Kuvaldina. Sov. med. 28 no. 3:28-33 Mr '65.

Electrostimulation of the heart in total atrioventricular block in dogs. V. S. Bazhenov. Kardiologiya no. 3:47-52 '65.

Hyperkinetic form of Adams-Stokes syndrome. A. M. Spektor. Kardiologiya no. 3:88-90 '65.

Some pathophysiological problems in unstable intraventricular block. I. A. Rudakov. Kardiologiya no. 3:36-41 '65.

HEART FAILURE

Activity of lactic dehydrogenase and content of lactic and pyruvic acid of the blood in cardiac insufficiency. V. M. Tatarkin. Kardiologiya no. 3:82-83 '65.

Hyaluronidase activity in the blood and urine in cardiac edema. N. A. Chervakovskii, T. I. Vol'gaon. Kardiologiya no. 3:91 '65.

Neurohumoral factors in the blood of patients with chronic circulatory insufficiency. I. I. Dotsik. Kardiologiya no. 3:58-61 '65.

HEARTBEAT

Change in the dynamics of contraction of the right ventricle in bronchial asthma in children. I. I. Zubov. Sborn. Soob. AN Gruz. SSR 39 no. 1:729-735 S '65.

Phase structure of cardiac contractions in patients with cardiac asthma. A. A. Stupitskii. Kardiologiya no. 3:55-58 '65.

Physiological characteristics of the oculocardiac reflex in a slight pressure on the eyes. I. P. Palkinchuk. Biol. eksp. biol. i med. 60 no. 9:20-24 S '65.

Spatial dynamics of the left ventricle and phase structure of the cardiac cycle. V. L. Kuznetsov, V. S. Sushkov. Fiziol. zhur. 51 no. 7:832-837 '65.

HEAT—CONVECTION

Effect of a transverse magnetic field on convective heat transfer in the flow of a conducting fluid in a channel. E. U. Kravtchuk. Mag. gid. no. 3:37-40 '65.

Some problems of thermal convection in porous media. N. N. Verigin. Trudy VODGEO no. 9:51-55 '64.

HEAT—EFFECT ON PLANTS see Plants, Effect of heat on

HEAT—PHYSIOLOGICAL EFFECT

Effect of heat on the summation of stimulations in the center of the flexion reflex. V. I. Stepanko. Fiziol. zhur. [Ukr.] 11 no. 4:526-529 Ji-Ag '65.

Effect of "hot" weather on the milk productivity of cows. N. A. Shitov, N. A. Kozlovskii, S. M. Pal'tevich. Trudy KazNGMI no. 24:116-119 '65.

Reflex influences from the duodenum on the cardiovascular system of animals under conditions of high environmental temperature and dehydration of the organism. A. S. Sadykov, R. M. Kuleva. Sbor. nauch. trud. TashGMI 22:67-93 '62.

HEAT—TRANSMISSION

Akademii nauk BSSR, Minsk. Institut teplo- i massoobmena. [Problems of nonsteady-state heat and mass transfer] Voprosy nestatsionarnogo perenosu tepla i massy. Minsk, Nauka i tekhnika, 1965. 162 p. Calculation of the thermal resistance of the contact of finished metal surfaces. I. U. P. Shlykov. Teploenergetika 12 no. 10:78-83 O '65.

Effect of the thermal decomposition of different organic heat carriers on the heat transfer during boiling in a large volume. L. S. Sterman, I. U. Vilemaa. Teploenergetika 12 no. 11:86-89 N '65.

Heat-engineering peculiarities in controlling thermal conditions of holding furnaces with nonoxidizing heating. N. I. Taita, V. N. Astashev. Met. i gornorud. prom. no. 4:38-10 Ji-Ag '65.

Heat exchange between refrigerator compressors and environment. V. B. IAPobson. Khol. tekhn. 42 no. 5:23-28 S-O '65.

Heat transfer during the boiling of fruit juices in film apparatus. I. M. Anoshin, A. M. Moteev. Izv. vys. uch. zav. pishch. tekhn. no. 5:161-165 '65.

Heat transfer during the heating of molasses stillage. S. M. Konstantinov, G. S. Demchuk. Izv. vys. uch. zav. pishch. tekhn. no. 5:166-168 '65.

Investigating meat freezing in half carcasses at low temperatures and forced convection heat exchange. S. I. Nilov. Khol. tekhn. 42 no. 5:9-10 S-O '65.

Lykov, A. V., and B. M. Smol'skii, eds. [Heat and mass transfer between bodies and the ambient gaseous medium] Teplo- i massoobmen tel s okruzhayushchimi gazovymi sredoi. Minsk, Nauka i tekhnika, 1965. 181 p.

Lykov, A. V., and B. M. Smol'skii, eds. [Heat and mass transfer in capillary-porous bodies] Teplo- i massoobmen v kapillarnoporouskh telakh. Minsk, Nauka i tekhnika, 1965. 153 p.

Optimal response time for uncorrelated heat and mass transfer processes. B. M. Raspopov. Avtom. i telemek. 28 no. 10:1837-1851 O '65.

Problems of heat transmission in case of a cylinder with nonhomogeneous boundary conditions. Izv. AN SSSR. Energ. i transp. no. 4:114-117 Ji-Ag '65.

Rated formulas of heat transfer at a constant rate of evaporation. S. K. Rudykov. Izv. AN Uz. SSR. Ser. tekhn. nauk 9 no. 5:76-82 '65.

Resultant local angular radiation coefficient of an open cylindrical strip with finite height. V. M. Molent'ev. Izv. vys. uch. zav. i energ. 8 no. 9:61-65 S '65.

Semigraphical method for determining the parameters of a heat carrier in a cooler-radiator in nonpredetermined mode of operation. B. A. Solov'ev. Izv. AN SSSR. Energ. i transp. no. 4:111-113 Ji-Ag '65.

Solution of a two-dimensional heat conductivity problem for an infinite connected region. V. I. Makhovikov. Izv. AN SSSR. Energ. i transp. no. 4:118-120 Ji-Ag '65.

Study of the heat emission of electrical machines with medium power ratings. A. I. Borisenko and others. Elektr. tekhnika 35 no. 10:3-7 O '65.

A system for the automatic control of thermal conditions in open-hearth furnaces taking into account the intensity of gas separation from the bath. V. D. Melchik. Met. i gornorud. prom. no. 4:79-80 Ji-Ag '65.

HEAT CAPACITY

Study of the mean heat capacities of zinc and nickel orthosulfides at high temperatures. A. M. Gorov, M. N. Smirnov, Zhur fiz. khim. 39 no. 9 2131-2135 S '65

HEAT CONDUCT see FORTHLEY

HEAT ENGINEERING—ABSTRACTS

[Heat engineering] Ref zhur. Teploenerg. no. 10 O '65

HEAT ENGINEERING—LABORATORY MANUALS

Velnik, A. I., ed. [General heat engineering; a laboratory manual] Obshchaya teploekhnika, laboratornyi praktikum. [By] V. A. Bondarev i dr. Minsk, Vysshaya shkola, 1965, 131 p

HEAT ENGINEERING—SAFETY REGULATIONS

Khlopov, N. P. [Safety manual for filters and assemblers of control devices] Pamiatka po tekhnike bezopasnosti dlia slesaria-montazhnika kontrolynykh priborov. Moskva, Stroizdat, 1965, 23 p. (Tekhnika bezopasnosti v stroitel'stve)

HEAT EXCHANGERS

Generalized dependence of heat emission and resistance of tubes with wire fins in a longitudinal flow. V. N. Sochenov, Izv. vuz. ucheb. zav. energ. 8 no. 9 109-115 S '65

Heat emission and aerodynamic resistance of heat-exchanging tubular surfaces in the wide range of the Reynolds criterion. I. A. Berman, Khim. i nef. mashinostr. no. 9 118-119 S '65

Heat exchangers for closed-cycle type gas turbine systems. S. Kh. Gel'men'berg, Inzhenering i tekhnologiya no. 8 29-33 Ag '65

Joining tubes to tube plates in high-pressure apparatus. M. K. Lushpei, E. D. Kudrikova, Khim. i nef. mashinostr. no. 9 32-33 S '65

HEAT EXCHANGERS—AERODYNAMICS

Aerodynamic processes in apparatus with variable cross section for heating and calculation of coal in a fluidized bed. A. V. Chechelkin, A. I. Dament'ev, Koks i khim. no. 10 15-19 '65

HEAT EXCHANGERS—DYNAMICS

Studying the dynamic characteristics of a pasteurization and cooling unit with the aid of an analog computer. V. B. Pasternak, Kons. i ov. prom. 20 no. 10 1-6 O '65

HEAT EXCHANGERS—MAINTENANCE AND REPAIR

Kenonov, V. P., V. E. Mochalov, and K. M. Restik. [Repair of ships systems and piping] Remont sudovyykh sistem i truboprovodov. Leningrad, Sudostroenie, 1965, 231 p

HEAT OF COMBUSTION

Heat of formation and heat of combustion of saturated fatty acids. F. S. Omel'chenko, Maslozhir. prom. 31 no. 7 23-24 Ji '65

HEAT OF FORMATION

Heat of formation and heat of combustion of saturated fatty acids. F. S. Omel'chenko, Maslozhir. prom. 31 no. 7 23-24 Ji '65

Heats of formation of tetraphenyl compounds of basic group IV of the periodic table and element-carbon bond energy. V. I. Tol'stoi, L. B. Babunovich, Zhur. fiz. khim. 39 no. 9 2314-2316 S '65

HEAT OF VAPORIZATION

The Frenkel' - Gubonov formula and the interrelation between the speed of sound, the heat of vaporization, and the surface energy. V. I. Rykov, V. L. Sheinfel'd, G. S. Iakovleva, Uch. zap. Kish. un. 75:31-34 '64

HEAT RESISTANT ALLOYS

Increasing the heat resistance of an iron-nickel alloy by precipitation hardening. M. G. Gaidukov, K. A. Malysh, V. A. Pavlov, Izv. AN SSSR, Met. no. 5 187-192 S-O '65

Increasing the heat resistance of metals by forming stable dislocation structures. L. K. Gordenko, Izv. AN SSSR, Met. no. 5 166-163 S-O '65

HEAT RESISTANT ALLOYS—HARDENING

Investigating the effect of full semihot work hardening on the mechanical properties of the KhN77TUT (B437B) alloy. T. A. Mikhlin, A. S. Kleschev, V. I. Popova, Trudy MFTI no. 62 172-178 '65

HEAT RESISTANT STEEL see Steel, Heat resistant

HEATING

Elimination of a design defect in tubular heaters. M. D. Kuznetsov, Khim. i nef. mashinostr. no. 9:36 S '65

HEATING FROM CENTRAL STATIONS

Analysis of the operation of single-pipe heating systems in heating from central stations. R. E. Shamamin, Izv. vuz. ucheb. zav. energ. 8 no. 10 78-83 O '65

Determination of an optimum central heating factor for presently planned steam and power plants. R. Z. Aninov, Izv. vuz. ucheb. zav. energ. 8 no. 10 71-77 O '65

Mathematical model with a computer for determining the relative loss of central heating. A. P. Nikonov, I. A. Starikov, Teploenergetika 17 no. 11:57-62 N '65

Methods for calculating open heat supply systems in the absence of automatic control equipment at consumers' entrances. E. I. A. Skolov, V. P. Veshinskiy, Luch. sta. 36 no. 11 31-36 N '65

Regulation of thermal networks according to heat variations of the heated dwellings. B. M. Krasovskii, Elektr. sta. 35 no. 11 40-41 N '65

HEEL BONE—DISEASES

Results of treating calcaneal spurs with hydrocortisone acetate in outpatient dispensaries. I. U. A. Vuzh, Ortop. i travm. i protez. 26 no. 5 51-56 My '65

HEEL BONE—FRACTURE

Closed fractures of the heel bone in children. K. Tazabe-kov, Ortop. i travm. i protez. 26 no. 5 19-24 My '65

Method of operative treatment of fractures of the heel bone. P. N. Petrov, Ortop. i travm. i protez. 26 no. 5 50-52 My '65

HEEL BONE—SURGERY

Method of operative treatment of fractures of the heel bone. P. N. Petrov, Ortop. i travm. i protez. 26 no. 5 50-52 My '65

HEIFERS—FEEDING AND FEEDS

Studying the effect of prolonged feeding of ammonium sulfate to young cattle. N. A. Shmanenkov, A. A. Plashkin, D. I. Baranova, Khim. v sel. khoz. 3 no. 11 60-61 S '65

HELICOPTERS

Slalom in a helicopter. L. Steklannov, Kryn. rod. 10 no. 6:10 Jr '65

HELIUM

Excitation of helium from the 2¹S state by electron impact. V. I. Chukur, V. F. Bratsev, Astron. zhur. 42 no. 5 1034-1037 S-O '65

HEMAGGLUTININ

Fractionation of the Japanese encephalitis virus by the method of chromatography on calcium phosphate columns. S. I. A. Gidamovich, Duan Suan Myou, Vop. virus. 10 no. 2 213-217 Mi-Apr '65

Isohemagglutinin titer in hemoblastosis. G. P. Sandler, Probl. gemat. i perel. krovi no. 3:12-15 '65

Isohemolysin and isohemagglutinin content of the blood serum in donors. S. A. Filina, N. Kh. Pogodina, Probl. gemat. i perel. krovi no. 3 10-12 '65

Study of the dynamics of hemagglutinins of adenovirus in vitro. N. S. Dichenko, Mikrobiol. zhur. 26 no. 1 70-75 '64

HEMATIN

Some characteristics of the exchange of ferrioporphyrin compounds in the roots and aerial organs of plants. V. F. Gavrilenko, N. V. Guzhova, B. A. Rubin, Dokl. AN SSSR 164 no. 6 1420-1431 O '65

HEMATOENCEPHALIC BARRIER

State of the permeability of the hematoencephalic barrier in some diseases of the nervous system; clinical examination using the "labeled atoms" method. E. N. Leksin, Trudy Vor. med. inst. 51:125-130 '63

Study of the permeability of the hematoencephalic barrier in meningitis and encephalitis using the radio-active indication method, preliminary report. E. N. Leksin, Trudy Vor. med. inst. 51:117-124 '63

HEMATOLOGY

(see also subdivision under Hungary)

Differences of hematological changes in acute forms of appendicitis in years of maximal and minimal solar activity. V. A. Kozlov, I. A. P. Pristai, V. K. Borisov, Nek. vop. klin. i kraev. pat. no. 3 41-45 '63

Hematological changes in periodic disease. A. T. Simonian, A. A. Aivazian, S. A. Pashinian, Zhur. ekap. i klin. med. 5 no. 1 12-18 '65

Some seasonal characteristics of the regulation of the blood system in animals in the ultracontinental climate of Transbaikalia. B. I. Kuznik and others, Nek. vop. klin. i kraev. pat. no. 3:60-64 '63

HEMATOLOGY—CONGRESSES

Current aspects of experimental and clinical hematology based on data of the 10th International Congress on Hematology. N. A. Fedorov and others, Probl. gemat. i perel. krovi no. 3:49-55 '65

Soveshchaniye po probleme gisto-gematicheskikh bar'erov, 2d, 1963. [Problems of histohematologic barriers; transactions] Problemy gisto-gematicheskikh bar'erov, [trudy] Moskva, Nauka, 1965, 330 p. (ONLM)

HEMATOLOGY—EQUIPMENT AND SUPPLIES

Standard lighting device used in measuring the amount of the third fraction of blood coagulation. I. I. Danilko, I. I. Shkale, IU, N. Rogachev, Lab. dilo no. 10 622-624 '65

HEMATOMA

Clinical aspects and surgery of spontaneous intracerebral hematomas. V. A. Nikol'skii and others, Vop. nef. okh. no. 5 9-12 '64

Subdural hematoma of nontraumatic etiology. O. A. Sigon, V. G. Gogandze, Vop. nef. okh. no. 5 12-14 '64

HEMOGLOBIN

Hemoglobin types in the ontogeny of sturgeon (Acipenser gladanus Linn.). L. B. Golovanenko, Izv. Gos. NIORKH 58 120-134 '64

Physiological features of various breeds of sheep and their crosses based on the data of the electrophoresis study of serum proteins and hemoglobin. M. K. Krotov, M. T. Kutkov, N. I. Abukumov, Trudy Inst. ekop. biol. AN Kazakh SSR 11 113-123 '65

HEMOGLOBINURIA

Porphyria hemoglobinuria in cows. G. I. A. Kononuk, M. G. Dzhamskii, Veterinaria 42 no. 10:60-71 O '65

HEMOLYSIS AND HEMOLYSINS

Combined hemolytic action of Proteus hemolysin and some representatives of the microflora of the intestines. T. M. Iakymenko, M. H. Kobzareva, Mikrobiol. zhur. 27 no. 5 93-97 '65

Determination of the hemolysis rate of preserved blood. R. S. Polubehuk, Gemat. i perel. krovi 1:110-111 '65

Isohemolysin and isohemagglutinin content of the blood serum in donors. S. A. Filina, N. Kh. Pogodina, Probl. gemat. i perel. krovi no. 3:10-12 '65

HEMOPHILIA

Characterization of the forming of endogenous thromboplastin in some hemophilic diseases. A. I. Vygodnik, Gemat. i perel. krovi 1:100-103 '65

Preparation of antihemophilic plasma. A. P. Kuchuk, B. M. Shimanukhin, Probl. gemat. i perel. krovi no. 3:43-45 '65

HEMOPOIESIS

Dynamics of megakaryocytopoiesis in children with Wei-Buchner disease during pediatric therapy. D. I. Malakhovskii, A. D. Minamova, Probl. gemat. i perel. krovi no. 5:17-22 '65

Effect of different foods on the blood and hemopoiesis in young animals. I. N. Oltoumova, Izv. Gos. NIORKH 58 100-108 '64

Morphological changes in blood and hemopoietic system under the effect of the preparation 494 in experimental leukemia. I. P. Kandel'skii, Gemat. i perel. krovi 1:210-221 '65

Reaction of the hemopoietic system to an experimental chronic intoxication from barium chloride. V. G. Beheukho, Gemat. i perel. krovi 1:222-227 '65

Regeneration of hemopoiesis in donors following the application of various amounts of bone marrow experimentally and clinically. T. I. Laduha, Gemat. i perel. krovi 1:103-107 '65

HEMOPOIETIC SYSTEM

Reaction of the hemopoietic system of guinea pigs to chronic action of ionizing radiation applied in small doses. I. V. Tolstousov and others, Arkh. pat. 24 no. 8:10-17 '65

HEMOPOIETIC SYSTEM—DISEASES

Isohemagglutinin titer in hemoblastosis. G. P. Sandler, Probl. gemat. i perel. krovi no. 3:12-15 '65

HEMORRHAGE

Administration of a hypertonic solution of sodium lactate to animals in hypothermia complicated by hemorrhage and in hemorrhagic shock. D. A. Tkachenko, Gemat. i perel. krovi 1:61-64 '65

Clinical effectiveness of fibrinogen in acute hemorrhages. A. G. Kurnavov, S. S. Lavrik, M. A. Umanaki, Gemat. i perel. krovi 1:7-12 '65

Phylogeny of deforming arthritis in some injuries of the capsular and ligamentous apparatus of the knee joint complicated by hemarthrosis. M. L. Abramov, Ortop. i travm. i protez. 26 no. 9:61-64 S '65

Significance of the determination of the extent of hemorrhage in gynecological operations. G. A. Suprykko, Akush. i gin. no. 2:74-81 '65

Two-stage method for obtaining donor blood with higher hemostatic properties. Probl. gemat. i perel. krovi no. 5:45-51 '65

HEMORRHAGE, UTERINE

Arrest of uterine hemorrhage with a single electric impulse. V. I. Trubov, V. S. Heiman, V. S. Neronov, Akush. i gin. no. 1:40-49 '65

Clamping of the parametrium by the Henkel method in hypotensive uterine hemorrhages. S. D. Aul'skii, L. B. Spidlovaya, Akush. i gin. no. 2:140-147 '65

HEMORRHAGE, UTERINE (Continued)

Determination of the extent of blood loss in labor. I. I. Manevich, Akush. i gkn. no. 2 70-71 '65

Excretion of estrogenic hormones in some forms of dysfunctional uterine hemorrhage. A. I. Dobrotina, L. P. Zagladskaya, Akush. i gkn. no. 1 102-107 '65

Functional state of the blood coagulation system in hemorrhage caused by uterine fibriomyoma. N. A. Vanitsk, Akush. i gkn. no. 2 81-85 '65

Hemorrhage into the urinary bladder during labor. I. A. Tashkeldi, Akush. i gkn. no. 2 143-144 '65

Hemorrhages during the menopause and diagnosis of pyometra and cancerous diseases of the genitalia. V. A. Muradshvili, Akush. i gkn. no. 1 107-112 '65

Method for producing electrololysis in the tonic uterus for arresting uterine hemorrhage, experimental and clinical study. Z. A. Chikadze, Akush. i gkn. no. 1 11-15 '65

Role of thrombogenesis in the process of cessation of hemorrhage in labor. L. S. Persiani, K. V. Porat-Koshits, Sov. med. 28 no. 3 60-66 Mi '65

Rupture of marginal varicose veins (marginal sinuses) of the placenta during labor. S. Kh. Khakimova, Akush. i gkn. no. 1 60-61 '65

Spectrophotometric method of determining the extent of the blood loss during labor. L. I. Manevich, Lab. delo no. 10 588-587 '65

State of the blood coagulation system in uterine myoma and dysfunctional uterine hemorrhage. G. I. Gofman, E. M. Usim, Akush. i gkn. no. 2 76-81 '65

HEMP INDUSTRY—FINANCE

Businesslike approach results in big income. Zakup. sel'khoz. prod. no. 5 31 My '65

HERPES, INFECTIOUS

Clinical and epidemiological characteristics of epidemic hepatitis in children. Kh. A. I. Umanova, N. S. Logvinov, G. M. Ghasburg, Sbor. nauch. tr. TashGMI 22 203-211 '62

Clinical aspects of epidemic hepatitis (Botkin's disease) in children. O. I. Rebenishvili, Sbor. AN Gruz. SSR 30 no. 3 501-500 '65

Combined therapy for Botkin's disease in children. N. S. Logvinov, V. S. Abagyan, Sbor. nauch. tr. TashGMI 22 212-219 '62

Comparative evaluation of the effectiveness of treating Botkin's disease with ASK-41 and glucose. T. Kh. Nadzhmaddinov, A. G. Shamsutdinova, Sbor. nauch. tr. TashGMI 22 191-192 '62

Mechanism of anti-inflammatory effects of corticosteroids in epidemic hepatitis. V. I. Plotnikov, Sov. med. 28 no. 3 83-85 Mi '65

Pigment metabolism in epidemic hepatitis in children. M. A. Kosolapova, Sbor. nauch. tr. TashGMI 22 201-200 '62

Problems of the etiology of infectious hepatitis (Botkin's disease). Vop. virus. 10 no. 2 216-247 Mr-Apr '65

Qualitative and quantitative changes in amino acids of the blood serum in Botkin's disease. S. V. Bolneshvili, Sbor. AN Gruz. SSR 30 no. 1 97-91 Ji '65

Role of blood circulation insufficiency in the transition of epidemic hepatitis in children into a chronic form. S. D. Khazaris, Sbor. nauch. tr. TashGMI 22 197-202 '62

Use of the preparation ASK-41 in treating Botkin's disease in children. Kh. A. I. Umanova, V. S. Abagyan, Sbor. nauch. tr. TashGMI 22 204-200 '62

Vitamin B₂ (riboflavin) metabolism in epidemic hepatitis in children. M. T. Turnpov, Sbor. nauch. tr. TashGMI 22 218-223 '62

HEPATITIS, INFECTIOUS—COMPLICATIONS AND SEQUELAE

Late sequelae of epidemic hepatitis in children. A. S. Kharatova, R. G. Abdulova, Sbor. nauch. tr. TashGMI 22 273-277 '62

HEPTACILOR—EFFECT ON PLANTS see Plants, Effect of heptachlor on

HEPTANE

Formation of aldehydes during heptane oxidation by pseudomonas pyocyanus. N. V. Formotskova, K. A. Solov'eva, Mikrobiologiya 34 no. 4 508-501 Ji-Ag '65

HEPTANE, EFFECT OF RADIATION ON

Effect of temperature and dose rate on the radiation oxidation of heptane (2,2,4-trimethylpentane). V. V. Sarnova, K'ung Chen'-tazhi [K'ung Chen'-chin] Vest. Mosk. univ. Ser. 2: Khim. 20 no. 4 14-10 Ji-Ag '65

HEPTANEDICARBOXYLIC ACID

3,4-Epoxyheptanone and -cyclohexenone. Part 2: Reactions of exo- and endo-dimethyl esters of 1-bromo-7-oxabicyclo-[2,2,1]heptane-2,3-dicarboxylic acid. N. S. Zolotov, I. S. Piatkova, I. K. Iurev, Zhur. ob. khim. 35 no. 10 1807-1811 O '65

HERBICIDES

Chemical measures for weed control in pine stands. N. M. Pankratov, Khim. v les. khoz. no. 1 11-15 '64

Chemical measures for weed control in the northwestern Caucasus. L. G. Korol', Khim. v les. khoz. no. 1 15-20 '64

Effectiveness of herbicides in millet fields. A. S. Melnichuk, V. I. Mariyenko, L. T. Ushkova, Khim. v sel'khoz. 3 no. 9 51-53 S '65

Hydroxylamine derivatives on herbicides. Part 3. I. A. Baskakov and others, Agrokhimia no. 10 135-110 O '65

Minakov, N. A. [Use of herbicides on collective and state farms] Opyt ispol'zovaniya gerbitsidov v kol'khozakh, Voronezh. Tsentral'no-chesnochnoe knizhnoe izd-vo, 1964. 61 p (DNAL)

Use of alipar and eptam in sugar beet fields. K. P. Puzhenko, Vestn. AN BSSR Ser. sel'sk. hosp. nauch. 3 11-14 '65

Use of herbicides for weed control in beech and fir forest stands. M. V. Shashkova, Khim. v les. khoz. no. 1 10-11 '64

Use of herbicides in potato fields. S. A. Tryshkin, Vestn. AN BSSR Ser. sel'sk. hosp. nauch. 3 74-60 '65

HEREDITY

Inheritance of the resistance to ethyl alcohol in protozoa. V. A. Sopina, A. I. Udin, Tsitologiya 1 no. 3 331-340 My-Je '65

Transmission of genetic characters with the aid of ribonucleic acid isolated from influenza viruses. M. I. Sokolov, R. I. A. Pocheminaeva, I. K. Mes'shikh, Vop. virus. 10 no. 2 130-142 Mr-Apr '65

Viral translocation of hereditary characters in the silkworm Bombyx mori. S. M. Gershenzon, Vop. virus. 10 no. 2 172-176 Mi-Apr '65

HEREDITY OF DISEASE

Chromosomal diseases; a review of the literature. O. A. Tolmachevskaya, Akush. i gkn. no. 2 32-36 '65

Pathogenesis of hereditary and nonhereditary embryopathy. P. G. Svetlov, Arkh. pat. 27 no. 3 3-9 '65

HERPES SIMPLEX—MICROBIOLOGY

Morphological characteristics of the particles of herpes simplex virus. A. F. Bocharov and others, Vop. virus. 10 no. 2 150-155 Mi-Apr '65

HERRING

(see also subdiscipline under Pacific Ocean; Sakhalin)

Thermal infrared treatment of herring. V. P. Aleksandrovskii and others, Ryb. khoz. 41 no. 9 65-69 '65

HERRING—PARASITES see Parasites—Herring

HERRING FISHERIES

Electric herring and sardine fishing. I. I. Nagaidinov, Ryb. khoz. 41 no. 8 41-43 '65

HERRING—GULL, see subdiscipline under Aral Sea region

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870

A. I. Herten on Russian literature of the 18th century. A. D. Oryshyn, Vop. L'viv. univ. Ser. filol. no. 3 3-9 '65

Dating and composition of "The past and thoughts"; new materials. S. Lishchiner, Izv. AN SSSR, Ser. lit. i iz. 24 no. 1 55-62 Ja-P '65

Monastery of Herten as a publicist, the decade of the 1840's. T. V. Polianina, Vop. L'viv. univ. Ser. filol. no. 3 10-16 '65

HESSIAN FLIES

Forecasting of some pests. I. Pavlov, Zashch. rast. ot vred. 1 bol. 10 no. 7 42-43 '65

HETEROSIS

Physiological and biochemical characteristics of the vegetative and generative organs of corn in connection with heterosis. E. L. Golyneka and others, Fiziol. rast. 32 no. 3 410-452 My-Je '65

HETEROSIS—BIBLIOGRAPHY see Bibliography—Heterosis

HETEROTROPHIC BACTERIA see Bacteria, Heterotrophic

HEXANEDIAMINE

Synthesis of diquaternary ammonium salts of N, N' derivatives of hexamethylenediamine. V. P. Danilenko, V. P. Rud, E. M. Porol', Zhur. ob. khim. 35 no. 10: 1743-1745 O '65

HEXANONE

Use of 3-acetyl-2-hexanone for the determination of beryllium in mineral raw materials and in products of their treatment. L. I. Mol'seva, E. K. Moshentseva, N. M. Kuznetsova, Zhur. anal. khim. 20 no. 8 799-801 '65

HEXONIUM—THERAPEUTIC USE

Possibility of using hexonium by means of electrophoresis. D. N. Vaisfeld, R. O. Borozovskaya, L. L. Litmanov, Sbor. nauch. rab. vich. san.-kur. uch. profsoyuzov na 1203-208 '61

HIDES AND SKINS

Prospects for the providing of the light industry with leather raw materials during 1965. D. V. Nakhin, Kozh.-obuv. prom. 1 no. 3 1-7 Mr '65

Role of hygienic care for the skin of young cattle in the improvement of the commercial quality of the hide. V. M. Karlovskaya, Trudy VNIIS 24 100-103 '64

HIDES AND SKINS—DISINFECTION

Testing nitrogen peroxide for disinfecting raw hides contaminated with the spores of Bacillus anthracis. A. A. Pollakov and others, Trudy VNIIS 24 31-37 '64

HIDES AND SKINS—MICROBIOLOGY

Characteristics of Bacillus anthracis isolated from air, dust, and imported raw hides. I. I. Bolkov, Trudy VNIIS 24 114-119 '64

Group examination of samples of raw hides for anthrax. I. I. Naimushina, Trudy VNIIS 24 391-401 '64

Studying the contamination of tanneries and stations for primary processing of raw hides by the spores of Bacillus anthracis. I. I. Bolkov, Trudy VNIIS 24 101-113 '64

HIDES AND SKINS—PRESERVATION

Soda ash used for the preservation of raw hides. L. I. Naimushina, Trudy VNIIS 24 402-403 '64

HIGH PRESSURE RESEARCH

Elastic properties of barium at pressure up to 22000 kg/cm². V. I. Voronov, F. F. Voronov, O. V. Solov'yova, Zhur. eksp. i teor. fiz. 49 no. 3 755-759 S '65

HIGH TEMPERATURES

Testing of elastic materials for stretching at high temperatures. I. B. Dubinkov, T. I. Slepukina, Kuch. i rez. 24 no. 9 12-15 '65

HIGHER EDUCATION see Education, Higher

HINGES—TESTING

Research for studying the characteristics of rubber-metal hinges. N. A. Tolchinskii, I. M. Kapitskii, Trak. i sel'khoz. mash. no. 8 11-12 S '65

HINT, AADU, 1910

Journey to the Stone of Winds; Aadu Hint and his books. Z. Krakumid'inkova, Lit. i obozr. no. 5 265-278 '64

HIP JOINT—ABNORMALITIES AND DEFORMITIES

Method of measuring the true angle between the femoral neck and diaphysis with the aid of a rotometer. I. U. F. Shtitskii, Ortop., travm. i protez. 26 no. 9 54-57 S '65

Method of X-ray determination and operative correction of the frontal inclination of the acetabulum in congenital dislocation of the hip. V. I. Sudofova and others, Ortop., travm. i protez. 26 no. 9 3-7 S '65

Operative treatment of congenital dislocation of the hip joint in children of preschool age. I. I. Mirzoeva, Ortop., travm. i protez. 26 no. 9 12-16 S '65

Our experience in early detection and treatment of congenital dysplasia of the hip joint. I. S. Uchakov, Ortop., travm. i protez. 26 no. 9 7-12 S '65

Set of appliances for restorative treatment following surgical elimination of a congenital dislocation of the hip. A. F. Kapitskii, Ortop., travm. i protez. 26 no. 5 76-79 S '65

Some problems of the methodology of surgical setting of congenital dislocations of the hip joint in children. A. G. Kozlov, Ortop., travm. i protez. 26 no. 9 16-20 S '65

HIP JOINT—ANKYLOSIS

Method for the examination of patients with ankylosis of the hip joint. B. V. Shavarin, Ortop., travm. i protez. 26 no. 5 75-76 My '65

HIP JOINT—RADIOGRAPHY

Method for the examination of patients with ankylosis of the hip joint. B. V. Shavarin, Ortop., travm. i protez. 26 no. 5 75-76 My '65

Method of X-ray determination and operative correction of the frontal inclination of the acetabulum in congenital dislocation of the hip. V. I. Sudofova and others, Ortop., travm. i protez. 26 no. 9 3-7 S '65

HIP JOINT—SURGERY

Compression arthrodesis of the hip joint. V. I. Fiskin, Ortop., travm. i protez. 26 no. 5 68-69 My '65

Method of X-ray determination and operative correction of the frontal inclination of the acetabulum in congenital dislocation of the hip. V. I. Sudofova and others, Ortop., travm. i protez. 26 no. 9 3-7 S '65

Operative treatment of congenital dislocation of the hip joint in children of preschool age. I. I. Mirzoeva, Ortop., travm. i protez. 26 no. 9 12-16 S '65

Set of appliances for restorative treatment following surgical elimination of a congenital dislocation of the hip. A. F. Kapitskii, Ortop., travm. i protez. 26 no. 5 76-79 My '65

- HIP JOINT—SURGERY (Continued)**
Some problems of the methodology of surgical setting of congenital dislocations of the hip joint in children. A. G. Potan. *Ortop. travm i protez.* 26 no. 9:16-20 S '65.
- HISTOCHEMISTRY**
Methods of histochemical study of the hypophysis. I. I. Neverov. *Arkh. anat. i gist. iembr.* 49 no. 7:110-113 JI '65.
- HISTOLOGY**
Changes in the nerve cells of the auditory cortex in relation to their activity. E. S. Chelokashvili. [Trudy] *Inst. fiziol. AN Gruz. SSR* 14:169-172 '65.
New method for the selective isolation and microscopic examination of cerebral vessels and capillaries. A. M. Chilingarian. *Zhur. eksp. i klin. med.* 5 no. 1:19-24 '65.
Plastic properties of central cerebral axons. M. R. Kujarskii. [Trudy] *Inst. fiziol. AN Gruz. SSR* 14:213-221 '65.
Submicroscopical structure of the thyroid epithelium under the effect of thyroxine. M. P. Gurbunova. *Biul. eksp. i klin. med.* 60 no. 9:112-115 S '65.
- HISTOLOGY—TECHNIQUE**
Fixation fluid for the impregnation of the nervous elements in tissues containing calcium. G. M. Nikolaev, G. I. Morio. *Arkh. pat.* 27 no. 8:82 '65.
Rapid imbedding in celloidin, a new methodology. B. L. Penenkov. *Arkh. pat.* no. 10:60-61 '64.
- HISTOLOGY, PATHOLOGICAL**
Histopathology of hernias of the lumbar disks. A. G. Grushina. *Trudy 1-go MMI* 38:277-280 '65.
Pathohistological cerebral changes in vascular diseases. K. A. Kunakov, N. M. Stepanova. *Trudy Vor. med. inst.* 51:49-52 '63.
Significance of biochemical properties of the nuclear apparatus of the tumor cell in the pathogenesis of cancer. I. B. Zbarskii. *Vest. AMN SSSR* no. 4:3-10 '65.
- HISTONES**
Incorporation of C¹⁴-amino acids into isolated histones of nuclei of resting and growing liver. A. S. Konikova and others. *Biokhimiya* 30 no. 5:909-912 S-O '65.
- HISTORICAL FICTION**
The Russian historical novel. N. Stepanov. *Vop. lit.* 9 no. 10:219-222 O '65.
- HISTORICAL GEOGRAPHY** see Geography, Historical
- HISTORICAL MUSEUMS** see subdivision under Moscow
- HISTORICAL RESEARCH**
(see also subdivision under Ukraine)
The nature of a historical fact. A. F. Kylyunov. *Ukr. ist. zhur.* 9 no. 8:52-59 Ag '65.
When did historical science originate? L. A. Liakhovets'kii. *Ukr. ist. zhur.* 8 no. 3:157-159 My-Je '64.
- HISTORICAL RESEARCH—MATHEMATICAL MODELS**
Some methodological questions concerning the modelling of the historical process. V. V. Kosolapov. *Ukr. ist. zhur.* 9 no. 8:44-51 Ag '65.
- HISTORIOGRAPHY**
Basic problems of the historiography of modern times. I. S. Galkin, A. D. Kolpakov. *Vop. lit.* 40 no. 10:67-68 O '65.
- HISTORY—BIBLIOGRAPHY** see Bibliography—History
- HISTORY—PHILOSOPHY**
The All-Union Session "V. I. Lenin and historical science." L. H. Moskvych. *Ukr. ist. zhur.* 9 no. 8:146-149 Ag '65.
- HISTORY—SOURCES**
Abridged publication of documents. V. P. Mislura. *Ist. zhur. ta ikh vyk.* no. 1:167-173 '64.
- HISTORY—STUDY AND TEACHING**
Class and home work in history. E. I. Nikanorova. *Vech. sred. shkola* 8 no. 5:33-36 S-O '65.
Development of the students' interest in the study of history. S. I. Veksler. *Ukr. ist. zhur.* 9 no. 8:1 '65.
- INOLOGY**
In the auxiliary historical disciplines. *Vop. lit.* 40 no. 10:60-66 O '65.
- IN—BIBLIOGRAPHY** see Bibliography—Modern
- IN—STUDY AND TEACHING**
Teaching and education in the lessons of. I. V. Sazonov. *Ukr. ist. zhur.* 9 Ag '65.
- 1889-1945
and the contemporary successors of (conclusion). A. S. Gromman. *Vop. lit.* O '65.
- HITTITES**
Rise of the Hittite Kingdom and the problem of the earliest inhabitants of Transcaucasia and Asia Minor. G. A. Melikishvili. *Vest. div. ist.* no. 1:3-30 '65.
- HODGKIN'S DISEASE**
Clinical characteristics of the course of lymphogranulomatosis in children. V. A. Afanas'eva. *Nauch. trudy Riaz. med. inst.* 11:361-369 '60.
Surgical treatment of local forms of lymphogranulomatosis. M. Kh. Ashpetian. *Zhur. eksp. i klin. med.* 2 no. 6:89-91 '62.
- HOG CHOLERA—PREVENTIVE INOCULATION**
Immunity in swine inoculated with strain K virus vaccine. A. A. Konopatin, R. V. Dashuk. *Veterinariia* 42 no. 10:38-39 O '65.
- HOISTING MACHINERY**
New type of shaft hoisting in the construction of the Leningrad subway. I. U. A. Limanov, I. K. Sakhlidli. *Sbor. trudy LIIZHT* no. 262:75-81 '63.
Rapid mounting of a hoist-cage head frame. V. P. Usoltsev. *Shakht. stroi.* 9 no. 7:25-28 JI '65.
Vertikal, M. TS. [Hoisting hooks and hoisting blocks for drilling operations]. *Bui li'nye kluki i klukobitki.* Baku, Azerbaidzhanskoe gos. izd-vo, 1965. 164 p.
- HOISTING MACHINERY—BRAKES**
Regulating the speed of hoisting machines. B. G. Feldman. *Trudy kl. tekhn. inst. yb. priam. i khoz.* no. 18:280-285 '63.
- HOISTING MACHINERY—DESIGN AND CONSTRUCTION**
New guidelines on the revision and adjustment of hoisting installations with asynchronous drive. G. B. D'iafova. *Bezop. truda v prom.* 9 no. 8:62 Ag '65.
- HOISTING MACHINERY—MAINTENANCE AND REPAIR**
Breakdown in shaft No. 2 of the "Kapital'nai" mine. G. I. Kapelushnikov. *Bezop. truda v prom.* 9 no. 9:10-12 S '65.
- HOISTING MACHINERY—SAFETY APPLIANCES**
Industrial testing of the ONK-10 equipment. S. G. Smolnits and others. *Shakht. stroi.* 9 no. 7:27-28 JI '65.
Special hoisting mechanisms for the external servicing of windows of high industrial buildings. V. P. Titov. *Bezop. truda v prom.* 9 no. 9:46-50 S '65.
- HOME AND SCHOOL**
(see also subdivision under Pyntigorsk)
Department of pedagogics and parents' university. M. K. Symonenko, V. I. Khmel'uk. *Rad. shk.* 44 no. 6:27-29 Je '65.
"Difficult" parents. A. Vorob'eva. *Doshk. vosp.* 10 no. 9:65-67 S '65.
Let's jointly train them in diligence. A. Dombrovskina. *Doshk. vosp.* 38 no. 9:64-65 S '65.
Much that is new and interesting... *Sem'ln ishkola* 20 no. 9:24 S '65.
Some suggestions for the work of parents' university. O. M. Raieva's'kii. *Rad. shk.* 44 no. 6:23-27 Je '65.
You have a firstgrader. L. Stavina. *Sem'ln ishkola* 20 no. 9:2-6 S '65.
- HOME ECONOMICS**
[Home economics] Domovodstvo. 4. izd. Moskva, Kolos, 1965. 758 p.
- HOME ECONOMICS—STUDY AND TEACHING**
Aesthetic training of students in home economics classes. N. P. Likhobabina. *Shkola i protiv.* 9 no. 10:46-49 O '65.
- HOMERUS**
Fithness of form; the epic "The Iliad" and "War and peace." G. Gachev. *Vop. lit.* 9 no. 10:149-170 O '65.
- HOMING PIGEONS**
Competition of homing pigeons in Moscow in 1964. V. F. Lartionov. *Ornitologiya* no. 7:507-508 '65.
- HOMOLOGY THEORY**
Space homology groups in a relatively directed system of open sets. L. R. Tukhadze. *Soob. AN Gruz. SSR* 39 no. 1:21-29 JI '65.
- HONCHAR, OLEKSANDR TEREHTOVYCH, 1918-**
Master of poetic prose; on the novels of Oles' Honchar. M. P. Khomenko. *Lit. i sovr.* no. 5:243-264 '64.
- HONEY PLANTS**
Significance of the Amur cork tree as a honey plant. A. P. Nacheev, V. K. Peimenov. *Rast. res.* 1 no. 3:419-423 '65.
- HONOR**
Belavskii, A. V. [Good name and a bad tongue]. *Dobroe imia i zloi lyazh.* Moskva, Sovetskaya Rossiia, 1965. 109 p.
- HORMONE THERAPY**
Reparative processes in an experimental wound under the influence of various hormones. A. I. Bukhonova. *Arkh. pat.* 27 no. 9:61-61 '65.
- HORMONES**
Age-related changes in the sensitivity of the pituitary to the effect of hormones. V. V. Rod'kin. *Trudy zhur.* 51 no. 1:857-862 '65.
Content and distribution of methylglucosyl and methylglucosyl groups in regenerating and matured cells under the influence of hormones. A. I. Bukhonova. *Dokl. AN SSSR* 164 no. 1:945-949 O '65.
Content of a factor stimulating the secretion of pituitary hormones in the human hypothalamus and the posterior lobe of hypophysis. I. A. M. Kobak, G. G. Bukhonova. *Trudy eksp. i klin. med.* 60 no. 9:1-7 S '65.
Cytochemical reaction of an epithelial response to adrenocorticotrophic combined with various hormones. A. I. Bukhonova. *Nauch. dokl. vyssh. shkoly. Biol. nauk* no. 4:81-85 '65.
Embryonic hormones and their role in prenatal development. M. S. Mitkovich. *Dop. nauch. ikl. 60 no. 2:267-268 S-O '60.*
Volkovich, A. A. [Restorative processes and hormones]. *Vostanovitel'nye protsessy i gormony.* [Leningrad] Meditsina, 1965. 250 p.
- HORMONES (PLANTS)**
Auxin metabolism in the reproductive organs of a plant under the conditions of inhibited growth. S. B. Topyk. *Ukr. bot. zhur.* 22 no. 9:18-21 '64.
- HORSE SHOES**
Heavy draft-horse shoe. K. Kondratov. *Inf. i izd. VDNKh* no. 7:33 JI '65.
- HORSES** see subdivision under Poland
- HOSIERY**
Experience in the manufacture of hosiery cut from a cloth. B. T. Anner, V. V. Merzhtanova. *Tekst. prom.* 25 no. 10:11-41 O '65.
Run-resistant weaves used in the manufacture of a hosiery. L. P. Ignatova, M. G. Kuznetsov. *Trudy v prom.* 25 no. 9:19-53 S '65.
- HOSIERY, NYLON**
Preliminary stabilization of nylon yarn produced with the simplified method directly on the automatic circular hosiery machines. H. I. Maslennikov. *Tekst. prom.* no. 2:53-54 Ap-Ju '65.
Use of No. 64 nylon yarn produced with the simplified method in the manufacture of socks. M. B. Kravtsov, R. I. Rolik. *Tekst. prom.* no. 2:51-60 Ap-Ju '65.
- HOSPITALS—OUTPATIENT SERVICES**
Torsanov, N. A., and D. L. Dorof'uk. [Dispensary service for patients with chronic recurrent dermatoses]. *Dispanserizatsiia bol'nykh khronicheskimi retsidivnyimi slichnymi dermatozami.* Kiev, Zdorov'ia, 1965. 13 p. (Obmen poradovym opytom) (DNLM)
Ways of improving polyclinical traumatological and orthopedic aid to the population. M. V. Volkov, A. B. Dvorkin. *Ortop. i travm. i protez.* 28 no. 5:41-45 My '65.
- HOSPITALS, GYNECOLOGIC AND OBSTETRIC** see subdivision under Odessa
- HOTELS, TAVERNS, ETC.—DESIGN AND CONSTRUCTION**
Construction of hotels should be under unceasing control. V. Gushchik. *Zhurnal kon. khoz.* 16 no. 9:31-32 '65.
New type of students' hostel. D. Vasil'ev. *Zhurnal kon. khoz.* 16 no. 6:3-8 '65.
- HOUSE FURNISHINGS**
Sale of dishes and houseware. A. K. Kovaleva. *Tov. potrebn. koop.* 9 no. 10:10-51 '65.
- HOUSE MARTIN** see subdivision under Kolyak Range
- HOUSE PAINTING—EQUIPMENT AND SUPPLIES**
Ivanov, V. P. [Study of materials for house painters]. *Materialovedenie dlia mal'arov.* Izd. 2., 1964. 164 p. Moskva, Vysshaya shkola, 1965. 170 p.
- HOUSEHOLD APPLIANCES, ELECTRIC**
Pay constant attention to the electrification of the people's households. I. Bukalupa. *Komm. tekhn.* 11 no. 10:80-81 O '65.
- HOUSEHOLD APPLIANCES, ELECTRIC—SAFETY MEASURES**
Assurance of safety in the use of electric household appliances and apparatus. M. D. Goronsheln. *Elektrichestvo* no. 9:88-87 S '65.

4043

HYDRAULIC STRUCTURES—STANDARDS

- Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva [Construction specifications and regulations] Stroitel'nye normy i pravila Moskva, Gosstroizdat.
Pl 4. [Estimates] Smelnye normy.
Vol 6 no. 2.
Ch 52 [Concrete and reinforced concrete elements for hydraulic structures] Betonnye i zhelezobetonnye konstruktsii gidrotekhnicheskikh sooruzhenii.
Ch 54. [Metal elements for hydraulic structures] Metallicheskie konstruktsii gidrotekhnicheskikh sooruzhenii. 1955. 42 p

HYDRAULIC TURBINES

- Studies of optimizing control and the conditions of optimization of Kaplan turbines. IU P Red'ko. Izv. vuz. ucheb. zav. energ. 8 no. 10 87-89 O '65
Study of flow in the water conduits of a Francis-type hydraulic turbine. K A Shramkov. Energomashinstroenie 11 no. 8 26-29 Ag '65

HYDRAULIC TURBINES—DESIGN AND CONSTRUCTION

- [Strength calculation of the parts of hydraulic turbines] Raschet na prochnost' detalей gidroturbin [By] A Ia Aronson i dr. Moskva, Mashinostroenie, 1955. 391 p.

HYDRAULICS

- Inertial pressure in the Bernoulli equation and the elastic hydraulic impact. N. A. Kartvelishvili. Izv. VNIIG 76-137-146 '64.
Introducing the concept of interpenetrating streams in hydraulics. IA Z Kizman. Izv. AN Uz SSR Ser. tekhn. nauk 9 no. 1 61-69 '65

HYDRAZIDES

- Significance of acetylation and oxidation in the inactivation of preparations of isomonic acid hydrazide. G A Smirnov. Voprosy khim. 11 no. 1 50-58 Ja-F '65

HYDRAZINE

- Cleavage of phenylacetylene by hydrazine into a phenyl-neodicarbonyldecaborane anion. L. I. Zakharin, V. N. Kalinin. Zhur. ob. khim. 35 no. 9 1691-1692 S '65
Thermal analysis of the system sodium borohydride-hydrazine. G. A. Igorenko, D. S. Staninevich, I. S. Antonov. Dokl. AN SSSR 161 no. 4 809-811 O '65.
Thermochemical evaluation of capacity of inorganic salts of ammonium and hydrazine to combustion and explosion. A. A. Shidlovskii. Zhur. fiz. khim. 39 no. 9; 2163-2168 S '65.

HYDRAZINE—SPECTRA

- Electron paramagnetic resonance in biradicals of the hydrazine series. IU M. Izyumov and others. Dokl. AN SSSR 164 no. 5 1073-1076 O '65

HYDRAZONES

- Structure of hydrazones formed from β -dicarbonyl compounds by means of azo-coupling reaction. V. N. Drozd, V. I. Sheichenko, V. N. Postnov. Izv. AN SSSR. Ser. khim. no. 10 1888-1891 '65

HYDRIDES—THERMODYNAMICS

- Thermodynamic properties of deuterium- and tritium-substituted nonlinear triatomic hydrides. V. P. Morozov and others. Teoret. i eksper. khim. 1 no. 4 462-467 '65

HYDROBIOLOGICAL SOCIETIES

- First Congress of the All-Union Hydrobiological Society. Izv. AN Azerb. SSR Ser. biol. nauk no. 3 135-136 '65.

HYDROCARBONS

- Addition of molecular nitrogen to perchlorohydrocarbons subjected to ionizing radiation. I. V. Vereshchinskii, A. T. Podkhaluzin. Dokl. AN SSSR 165 no. 1; 107-109 N '65.
Desorption of benzene hydrocarbons from coal oil under foaming conditions. M. E. Pozin and others. Koks i khim. no. 8 55-60 '65
Electrothermophore pyrolysis of crude petroleum hydrocarbons for the production of olefins and acetylene. I. K. Novikov. Zhur. prikl. khim. 38 no. 8; 1332-1337 Je '65
Possibility of experimental determination of the mechanism of reactions between hot atoms and molecules of hydrocarbons. A. Ia. Temkin. Khim. i kat. 6 no. 3 387-393 My-Je '65.
Structure of the solid hydrocarbons of disulfation raffinate. G. I. Glazov, B. N. Kartalin, N. I. Chernozhukov. Khim. i tekhn. masel 10 no. 10 18-23 O '65.

HYDROCHLORIC ACID

- Dissolution of hydrogen chloride in fused salts. E. A. Ikuhe, V. M. Deviatkin. Zhur. fiz. khim. 39 no. 9 2288-2291 S '65.
Kinetics of dissolution of germanium single crystals in hydrochloric solutions of ferric chloride. N. N. Stremilova, I. P. Sorokina, G. M. Orlova. Zhur. ob. khim. 35 no. 9; 1512-1517 S '65

- Kinetics of hydrochlorination of natural and synthetic isoprene rubbers. IU G. Gorbachev and others. Vyssokom. soed. 7 no. 9 1645-1649 S '65

- Mechanism of the decomposition of sulfides by hydrochloric acid. S. I. Tarabuev. Trudy Inst. int. i obog. AN Kazakh. SSR 14 3-8 '65.

- System H₂O-HCl-H₂O. IA, G. Goroshechenko, T. I. Spashechenko. Zhur. neorg. khim. 10 no. 9 2155-2162 S '65.

HYDRODYNAMICS

- Effect of a transverse magnetic field on convective heat transfer in the flow of a conducting fluid in a channel. E. H. Krasil'nikov. Mag. glaz. no. 3 47-50 '64
Existence of a second pressure peak in a lubricant layer. S. P. Pul'kin. Dokl. AN SSSR 164 no. 4 761-763 O '65.
Hydraulic characteristics of a flow in case of a straight and back wave motion on a slope. R. M. Kiladze. Soob. AN Gruz. SSR 39 no. 1 120-125 Ji '65
Stability of parallel flows of non-Newtonian media. A. T. Listov. Dokl. AN SSSR 164 no. 5 1001-1004 O '65.
Velocity field due to singularities in a thin layer of variable thickness. A. M. Gokhman, F. V. N. Rao. Dokl. AN SSSR 164 no. 5 997-1000 O '65

HYDROELECTRIC POWER

- Sokolov, D. Ia. [Use of water power] Ispol'zovanie vodnoi energii. Moskva, Kolos, 1955. 445 p. (Uchebnyi i uchebnye posobia dlia vysshihkh sel'skokhoziaistvennykh uchebnykh zavedenii)

HYDROELECTRIC POWER STATIONS

- (See also subdivision under Svir' River, see also Bratsk Hydroelectric Power Station, Dneprodzerzhinsk Hydroelectric Power Station, Kakhira Hydroelectric Power Station, Kiev Hydroelectric Power Station, Kransnnyarsk Hydroelectric Power Station, Lower Ob' Hydroelectric Power Station, Mamkan Hydroelectric Power Station, Toktogul Hydroelectric Power Station, Volga Hydroelectric Power Station (Lening), Votkinsk Hydroelectric Power Station)
Analytical method of calculating the unsteady flow of toll water of a hydroelectric power station. I. S. Yanayev. Trudy Leningradsk. no. 1 204-221 '64
Automatic group control of hydraulic turbine and generator units. N. P. Polushkin. Elek. sta. 36 no. 10 56-59 O '65
Some results of the operation of combined hydroelectric power stations. V. S. Serkov. Gid. stol. 35 no. 6; 29-33 Je '65.

HYDROELECTRIC POWER STATIONS—CATHODIC PROTECTION

- Cathodic units for the protection of metal constructions of hydroelectric power stations from corrosion in fresh water. S. A. Mekhmanidov, and others. Gid. stol. 35 no. 6; 33-36 Je '65

HYDROELECTRIC POWER STATIONS—ELECTRIC EQUIPMENT

- Power supply units and charging devices for relay protection and automatic control equipment. IA S. Gel'fand. Elek. sta. 36 no. 10 52-53 O '65

HYDROELECTRIC POWER STATIONS—WATER SUPPLY

- Calculation of annual runoff guarantees using Chebyshev-Bruno formulas. I. G. Lazarevich. Izv. vuz. ucheb. zav. energ. 8 no. 10 100-104 O '65.

HYDROFOIL BOATS

- Propeller characteristics of hydrofoil boats. A. V. Aleksandrov. Trudy LITV no. 72 53-57 '61.

HYDROGEN

- Kinetics of the reduction of iron-vanadium spinel by hydrogen. S. A. Amirova, V. V. Pechikovskii, T. I. Beresneva. Zhur. prikl. khim. 38 no. 5; 1247-1252 Je '65.

HYDROGEN BONDING

- Effect of solvents on chemical shifts of the nuclear magnetic resonance of protons of the O-H group in compounds with a strong intramolecular hydrogen bond of the O-H...O. N. N. Shapet'ko. Teoret. i eksper. khim. 1 no. 1 541-545 '65.

HYDROGEN-ION CONCENTRATION

- Effect of the pH of the medium on the adsorption of octadecylamine acetate on potassium and sodium chlorides and sulfates. M. M. Pavlichenko, I. I. Litvinenko, N. P. Bnsova. Dokl. AN SSSR 9 no. 5 520-522 Ag '65

- Electric conductivity and pH of the equilibrium of carbonate-bicarbonate electrolytes. Elektrokhim. 1 no. 7 874-878 Ji '65.

- Mechanism of the buffer action of proteins of chemically preserved leguminous plants. P. I. Rimsha, IU B. Pavlova. Khim. v sel'. khoz. 3 no. 9 64-66 S '65

- pH-buffer properties of cation exchangers and their use in water softening technology. R. I. Babkin. Teploenergetika 12 no. 10 18-22 O '65.

- Polymerization of fibrin-monomer and its dependence on pH. V. O. Biel'tser, T. V. Varets'ka, I. O. Tarasenko. Ukr. biokhim. zhur. 37 no. 5; 665-670 '65.

- Studies in the field of preparing injection solutions. Report No. 2: Effect of hydrogen-ion concentration on the stability of dicaine, benzaine and novocaine injection solutions. M. D. Donyan. Farm. zhur. 1961 no. 1 40-49 '65

HYDROGEN ISOTOPES

- Temperature dependence of the coefficients of separation of isotopic molecules D₂-H₂, D₂-HD, and HD-H₂ on synthetic zeolites NaA and NaX in the case of absorption under isobaric conditions. V. S. Pashurin, G. M. Pashchenkov. Dokl. AN SSSR 164 no. 1 166-169 O '65.
Thermodynamic properties of deuterium- and tritium-substituted nonlinear triatomic hydrides. V. P. Morozov and others. Teoret. i eksper. khim. 1 no. 4 462-467 '65.

HYDROGEN PEROXIDE

- Nature of the catalytic action of titanium (IV) in the reaction of hydrogen peroxide with sodium thiosulfate. A. K. Babko, V. A. Litvinenko. Zhur. neorg. khim. 10 no. 9; 2075-2079 S '65.

- Organic insecticides. Part 33: Oxidation of aromatic cyclic compounds by hydrogen peroxide. N. A. Il'inskiy and others. Zhur. ob. khim. 35 no. 10; 1715-1717 O '65

HYDROGEN SULFIDE

- Kinetics of the reaction of hydrogen sulfide with sodium bisulfite. O. P. Korobelnikov. Khim. i kat. 8 no. 3 411-415 My-Je '65.

- Reactivity of nitrogen fluoronitrides and products of their transformation. Part 1: Reaction of nitroperfluoronitrides with hydrogen sulfide. A. V. Pokin and others. Zhur. ob. khim. 35 no. 10 1653-1664 S '65

- Studying the dynamics of carbon disulfide and hydrogen sulfide sorption from concentrated mixtures. G. M. Bolotnitskovskii, R. M. Levit. Khim. volok. no. 5 3-45 '65.

HYDROGENATION

- Analysis of the experimental entropy of activation of the processes of hydrogenation of carbon oxides on a metal catalyst. G. I. Golodets, V. M. Vlasenko, G. I. Ilyashovich. Dokl. AN SSSR 161 no. 4 809-811 O '65.

- Automatic control of the temperature conditions in a continuous hydrogenation of oils and fats. G. V. Ilyashovich and others. Mashin. prom. 11 no. 10 14-15 O '65

- Chemical inhomogeneity of the heterogeneous catalytic hydrogenation products of sodium polybutadiene. A. I. Iakubchik, B. I. Tikhonov, I. N. Mikhaleva. Vyssokom. soed. 7 no. 8; 1582-1584 S '65.

- Effect of electrostatic factors on the stereochemistry of catalytic hydrogenation of ketones of the piperidine series. E. A. Mikhaleva. Izv. AN SSSR. Ser. khim. no. 10; 1832-1836 '65.

- Effect of the vanishing of activity of platinum catalyst on silica gel for hydrogenation in diluted media. Zh. V. Stral'nikov, V. P. Lebedev. Vest. Mosk. univ. Ser. 2: Khim. 20 no. 4 7-9 Ji-Ag '65

- Electronic state of catalysts in adsorption and catalysis. Part 3: Mechanism of hydrogenation of carbon disulfide on a nickel catalyst. G. M. Kozlov, M. T. Buzlov, V. M. Vlasenko. Khim. i kat. 8 no. 3; 558-559 My-Je '65

- Hydrogenation of dimethylallylphenylhydrazine in the presence of alkali metal cations. A. M. Sokolovskii, A. A. Il'inskiy, D. V. Sokolovskii. Elektrokhim. 1 no. 9 1099-1101 S '65.

- Hydrogenation of 3-sulfotolene. A. M. Sokolovskii, A. I. Reubnikov. Khim. i kat. 8 no. 3; 553-552 My-Je '65.

- Synthesis and catalytic hydrogenation of 2-phenylphenylamine. S. V. Zolova, G. V. Lova, M. B. Tarkina. Dokl. AN SSSR 164 no. 6 1303-1306 O '65.

- Technology of preparing titanium and calcium hydrides. V. G. Tepenko, K. G. Kudanova, T. B. Shakhmatov. Tr. tr. TSNICHHM no. 43 135-139 '65.

HYDROLOGY

- See subdivision under Ob' Dalia;

- Polomet' River; Shelon' River

HYDROLYSIS

- Amino acid composition of a placenta hydrolysate. H. A. Krivoruchko. Gumat. i porok. 1; 70-72 '64.
Cadmium ion catalysis of the alkaline hydrolysis of cysteine ethyl ester. K. B. Iakimchik, I. P. Iakimchik. Zhur. neorg. khim. 10 no. 9; 2070-2074 S '65.

- Complex formation studied by means of dialysis. Part 2: Determination of the first constant of hydrolysis of cadmium and zinc acetates. B. P. Nikol'skii, M. V. Pavlovskii, R. I. Likhachev. Radiokhimiya 2 no. 2; 623-625 '65.

- Fat hydrolyzing yeast. A. M. Skochimova. Mikrobiologiya 34 no. 5; 812-817 S-O '65.

- Hydrolysis of diesters of dicarboxylic acids on the K⁺ cation exchanger. L. M. Golt'denfel's, G. N. Iakimchik. Zhur. prikl. khim. 38 no. 6; 1345-1348 Je '65.

- The hydrolysis of vanadium cyclohexane. Report 1: E. A. Kopylova, N. N. Ruban, K. A. Vlasovskii. Tr. Inst. met. i obog. AN Kazakh. SSR 12; 45-49 '65.

- Kinetic study of intermediate steps of H₂O₂ ion hydrolysis. K. N. Mochalov, V. S. Khain, G. G. Gippius. Khim. i kat. 8 no. 3; 541-544 My-Je '65.

HYDROLYSIS (Continued)

Synone and sydnone induced Part 27: Kinetics and mechanism of thermal and hydrolytic splitting of sydnone imino chlorides L. I. Khodolov, V. G. Iashchenko. *Zhur. ob. khim.* 35 no 9 1561-1561 S '65

HYDROMETALLURGY

Behavior of arsenic, indium, and germanium during the reduction of trivalent iron by metallic iron in the presence of copper ions. L. I. Ponomareva, L. G. Solov'yeva, L. I. Shul'gina. *Trudy Inst. met. i obog. AN Kazakh. SSR* 12 87-90 '65

Decomposition of indium phosphate in caustic soda solutions. I. A. Nikiforov, B. A. Shabdenov. *Trudy Inst. met. i obog. AN Kazakh. SSR* 12 23-25 '65

Effect of potassium and sulfates on the decomposition of aluminum solutions in the complex treatment of alumina. G. Z. Nosyrov, A. I. Lainer. *Izv. vyz. ucheb. zav. i lavet. met.* 8 no. 5:77-81 '65

Investigating the aqueous leaching of tungsten-molybdenum containing molten sodium matte. I. R. Polyanskiy, R. S. Ormolenko, N. A. Milutina. *Trudy Inst. met. i obog. AN Kazakh. SSR* 12 151-160 '65

Investigating the use of sulfur bacteria in hydrometallurgy. A. I. Golomazki, V. I. Ivanov. *Izv. vyz. ucheb. zav. i lavet. met.* 8 no. 5:31-32 '65

Laboratory autoclave for work with corrosive media. M. M. Gol'dman, V. G. Roshchupkin. *Trudy Inst. met. i obog. AN Kazakh. SSR* 14:76-77 '65

Mechanism of palladium extraction by alkyl trimethyl ammonium chloride. V. F. Borbat, L. P. Kouba, P. I. Bobikov. *Izv. vyz. ucheb. zav. i lavet. met.* 8 no. 5:64-70 '65

Products of the oxidation of molybdenite by copper oxide during autoclave alkaline decomposition. Z. D. Undasynova, L. I. Ponomareva. *Trudy Inst. met. i obog. AN Kazakh. SSR* 12:76-81 '65

Simultaneous hydrochemical treatment of cobaltite-diamine salts with nepheline. A. R. Rakhimov, S. F. Akhmetov, V. D. Ponomarev. *Izv. vyz. ucheb. zav. i lavet. met.* 8 no. 5:71-76 '65

Sorption of metal ions by carboxyl base exchanging compounds in the form of hydrogen. E. I. Kazantsev and others. *Izv. vyz. ucheb. zav. i lavet. met.* 8 no. 5:43-48 '65

HYDROMETALLURGY—EQUIPMENT AND SUPPLIES

Industrial equipment for semicontinuous extraction. A. I. Drygin, I. A. Tsylov. *Tsvet. met.* 38 no. 6:61-62 '65

Solubility in the system $PbO - ZnO - Na_2O - H_2O$. V. D. Solov'yeva, E. I. Ponomareva, V. D. Ponomarev. *Trudy Inst. met. i obog. AN Kazakh. SSR* 14:18-23 '65

HYDROMETEOROLOGICAL STATIONS

Automatic stations on pile foundations. F. M. Kopalgorodskiy. *Trudy TSIP* no. 142:100-110 '65

HYDROMETEOROLOGY

(See also subcategory under Arctic Ocean, Atlantic Ocean; Ob' Valley; Pacific Ocean)

Estimating the relation between the variations of geographical processes and solar activity. N. V. Khamlanova, P. Druzhinin, Z. P. Konvalenko. *Dokl. Inst. geog. Sib. i Dal'. Vost.* no 7:23-28 '61

HYDROPEROXIDES

Catalytic decomposition of alkyl hydroperoxides studied by means of electron paramagnetic resonance. M. K. Shebekina and others. *Dokl. AN SSSR* 161 no. 4 866-871 O '65

HYDROPONICS

Microflora of hydroponic cucumber culture. S. A. Samozvob, E. I. Ulanovich. *Mikrobiologiya* 34 no. 4 707-714 Ji-Ag '65

HYDROPONICS—BIBLIOGRAPHY see Bibliography—Hydroponics

HYDROPONICS—EQUIPMENT AND SUPPLIES

Vessel construction for hydroponics with the use of post-cured containing solutions. G. A. Odumanova-Dumova. *Trudy VIZR* no. 20 pt. 1:76-78 '64

HYDROQUINONE

Interaction in the ternary system cinnamic acid- β -naphthol-hydroquinone. I. I. Il'nev, A. G. Palchikov, A. G. Bergman. *Zhur. ob. khim.* 35 no 9 1521-1523 S '65

HYDROSTATICS—MODELS

Modeling the action of gravity and hydrostatic pressure on twin centrifugal models. S. G. Gutman. *Izv. VNIIG* 79:35-41 '61

HYDROXYL GROUP—SPECTRA

Hydroxyl splitting on the hydroxyl group proton. A. E. Lutsik, I. S. Romodanov, L. N. Ganiuk. *Teoret. i eksperi. khim.* 1 no. 4:540-541 '65

HYDROXYLAMINE

Hydroxylamine derivatives as herbicides. Part 3. I. U. A. Bakhakov and others. *Agrokhimia* no 10 135-140 O '65

Interaction of RNA with O-alkylhydroxylamines. L. I. Budovskiy and others. *Biokhimiya* 30 no 5 902-908 S-O '65

HYDROXYLAMINE—PHYSIOLOGICAL EFFECT

Induction of b-mutations of the phage T2 by nitrous acid and hydroxylamine. D. M. Gol'dfarb and others. *Genetika* no. 2:3-12 Ag '65

HYDROXYMETHYLATION

Sterically hindered 3-hydroxyoxypyridines. Report No. 5 Proton magnetic resonance method and chemical methods of studying the course of reactions of amino- and hydroxymethylation in the 2-alkyl-3-hydroxyoxypyridine series. L. D. Saitinov and others. *Izv. AN SSSR. Ser. khim.* no 10 1836-1845 '65

HYGROSCOPICITY

Hygrosopic properties of congeals. V. A. Bulbantsev, A. I. Starobubtseva. *Izv. vyz. ucheb. zav. i lavet. met.* no 5:29-32 '65

HYPERGLYCEMIA

Effect of the stimulation of gastrointestinal tract receptors on the chronaxia of the femoral muscles in hypo- and hyperglycemia. A. I. Kozlov, S. R. Odzhikveridze, F. I. Salimov. *Izv. AN Azerb. SSR. Ser. biol. nauk* no 3:110-116 '65

HYPERONS—DECAY

Transformation properties of the Lagrangian of weak interaction and the β -amplitude of adronic decay of hyperons in SU(6)-symmetry. S. G. Matintov. *Plis. i ved. Zhur. eksp. i teoret. fiz.* 1 no. 2:20-33 Ap '65

HYPERSONIC AERODYNAMICS see Aerodynamics, Hypersonic

HYPERSPACE

Almost regular K-spaces and K^2 -spaces. Z. T. Dikanova. *Sib. mat. zhur.* 6 no 5:97-100B S-O '65

Construction of the equipment of a hypersurface in affinely connected space. A. K. Timofeev. *Uch. zap. Bal. gos. ped. inst.* 10:64-69 '63

HYPERTENSION

Ballistocardiographic changes in treating the 1st and 2d stages of hypertension with Inductothermy. G. K. Mikhlin. *Zhur. eksp. i klin. med.* 2 no 6:57-62 '62

Capillary permeability and vitamin P deficiency in hypertension. N. S. Kokosin. *Kardiologiya* no. 3:75-78 '65

Cardiac contractions in hypertensive and rheumatic patients. N. A. Kurshakov, S. A. Kirillov, A. A. Solodovkina. *Kardiologiya* no. 3:12-18 '65

Comparative effectiveness of some new ganglionic blocking agents (piperidine derivatives) in the treatment of hypertension. E. V. Drina. *Kardiologiya* no. 3 29-33 '65

Effect of perivascular diathermy on the heartbeat and motor activity of the fetus in hypertensive women. M. M. Vartanian. *Akush. i gln.* no. 2 113-115 '65

Epileptic seizures as manifestations of hypertensive cerebral crises. E. S. Prokhorova. *Zhur. nevro. i psikh.* 65 no. 10:1461-1465 '65

Hypertension and the fetus. M. M. Vartanian. *Zhur. eksp. i klin. med.* 5 no. 1 80-89 '65

Method of differential use of therapeutic nutrition in hypertension combined with adiposis under conditions of health resort treatment. I. I. Marchuk. *Zhur. eksp. i klin. med.* 2 no. 5:101-108 '62

Pathological anatomy and pathogenesis of pulmonary hypertension in chronic insufficiency of the left ventricle caused by atherosclerosis and hypertension. Kh. M. Odina. *Kardiologiya* no. 3:22-28 '65

Quantitative evaluation of hyperfunction of the left ventricle in hypertension. Z. L. Dolabchian. *Kardiologiya* no. 3:18-22 '65

Role of the adrenals in the development of arterial hypertension following stimulation of the cerebral cortex: experimental study. I. I. Stecherbikov. *Vop. neirofizi.* no. 5:31-40 '64

Sergeev, G. V. [Electro-sleep treatment of hypertension patients controlled by the examination of their higher nervous activity]. *Lechenie elektrosom bol'nykh gipertenzionnoy bolezn'yu pod kontrolom issledovaniya ikh vysshego nervnogo delitel'nosti*. Moskva, Meditsina, 1965. 228 p. (DNLM)

Subarachnoid hemorrhages as a result of the rupture of an aneurysm of the vessels of the base of the brain in hypertension and endocarditis. Z. I. Eltskain, Sbor. nauch. trud. TashGMI 22:72-82 '62

Treatment of hypertension at Drankinskii Health Resort. K. A. Ambruska. *Sbor. nauch. rab. vrach. san. - kur. nebr. profsionov* no. 1:147-154 '61

Tumorlike syndrome in hypertension. A. G. Mezentsova. *Trudy Vor. med. inst.* 51:53-56 '63

Use of diluted Arzni mineral water baths in the treatment of coronary insufficiency in hypertension. N. R. Glan-dzhetian. *Zhur. eksp. i klin. med.* 5 no 1:65-69 '65

HYPERTHYROIDISM

Changes of the P wave in electrocardiography following conversion of cardiac fibrillation to sinus rhythm in thyrotoxicosis patients with I131 and strontocery. M. V. Spiridonova. *Kardiologiya* no. 3:67 '65

Decidual reaction in experimental hypo- and hyperthyreosis. A. I. Ivanova. *Uzb. biol. zhur.* 9 no 5:39-44 '65

HYPERTROPHY

Isolated hypertrophy of gastric mucosa and its diagnostic differentiation from a cancerous tumor. I. I. Ganchenko. *Nauch. trudy Riaz. med. inst.* 11:47-51 '60

Partial gigantism in diffuse hemangiomas. V. I. Ponomareva. *Nauch. trudy Riaz. med. inst.* 11:208-211 '60

HYPOGLYCEMIA

Mental disorders in hyperinsulinism with spontaneous hypoglycemia syndrome. N. K. Sysoeva. *Trudy Vor. med. inst.* 51:167-171 '63

HYPHOMYCETES

Relation of some soil Hyphomycetes of the *Dicranella* group to various levels of the relative humidity of the air. N. M. Zhdanova. *Mikrobiol. zhur.* 26 no 1 19-31 '64

HYPOPEdia see Sleep-learning

HYPNOTISM—THERAPEUTIC USE

Ioffe, Anatoli. [Notes of a doctor-hypnotist] *Zapiski vracha-gipnotizera*. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1965. 60 p. (DNLM)

HYPOTHALMICHTHYS

Feeding habits and growth of *Hypophthalmichthys molitrix* in ponds. R. A. Savina. *Trudy VNIIPKHI* 13: 17-51 '65

HYPOTENSION

Clamping of the parametrium by the Hekel method in hypotensive puerperal hemorrhages. S. D. Astashevskiy, L. R. Spiridonova. *Akush. i gln.* no. 2: 110-112 '65

Use of controlled respiration and arterial hypotension with the use of nitroglycerin in surgery of meningovascular tumors of the brain. V. Kh. Raikhshteyn. *Vop. neirokhim.* no. 1 51-53 '65

Use of synthetic angiotensin II in the treatment of acute hypotensive states. N. I. Pavlovskina. *Kardiologiya* no. 3:84-86 '65

HYPOTHALAMUS

Afferent effects from the urinary bladder on the hypothalamus. N. A. Adamovich. *Biol. eksp. biol. i med.* 60 no. 9:15-10 S '65

Content of a factor stimulating the secretion of luteinizing hormone in the human hypothalamus and the posterior lobe of hypophysis. I. A. M. Khabak, G. G. Basova. *Biol. eksp. biol. i med.* 60 no. 9:3-7 S '65

HYPOTHALAMUS—DISEASES

Leites, S. M. [Pathophysiology of the hypothalamo-hypophyseal system] *Patofiziologiya gipotalamo-gipofizarnoi sistemy*. Moskva, TSentr. i n-t usovershenstvavaniya vrach. 1965. 50 p. (DNLM)

HYPOTHERMIA

Administration of a hypertonic solution of sodium lactate to animals in hypothermia complicated by hemorrhage and in hemorrhagic shock. E. A. Tkach. *Gemat. i perel. kazvi* 1:61-64 '65

Apparatus for deep cerebrum hypothermia. M. M. Derkovskiy, Khokhlov. 42 no. 5:52-53 S-O '65

Certain aspects of energetic brain metabolism in a deep artificial hypothermia and in a following period. G. I. A. Gorodinskaya, E. M. Khvatova, N. A. Shvets. *Ukr. biokhim. zhur.* 37 no. 5:697-705 '65

Duration limits of reversible clinical death in some hibernating and nonhibernating animals at the body temperature of 0° and the possibility of an artificial prolongation of this state. R. Andzhus, N. Khochik. *Biol. eksp. biol. i med.* 60 no. 9:38-42 S '65

Neurologic disorders in acute hypothermia. G. A. Akimov, S. P. Zverev. *Voen.-med. zhur.* no. 1:30-34 '65

Species characteristics of the mechanisms following hypothermia in rodents. L. A. Isaakian, D. A. Rozhaina, L. S. Minshteyn. *Zhur. evol. biokhim. i fiziol.* 1 no. 5:110-124 S-O '65

Use of blood substitutes in cardiac wounds under hypothermia conditions. Z. P. Fedorova. *Gemat. i perel. kazvi* 1:57-60 '65

HYPOTHYROIDISM

Decidual reaction in experimental hypo- and hyperthyreosis. A. I. Ivanova. *Uzb. biol. zhur.* 9 no. 5:39-41 '65

HYSTERECTOMY

Characteristics of corticosteroid metabolism in gynecological surgery. Z. P. Udina, Sov. med. 28 no. 3 66-71 Mr '65.

HYSTERESES

Study of Permalloy films with a supercritical hysteresis loop. L. S. Palatnik, L. I. Lukasenko, A. G. Ravuk. Fiz. tverd. tela 7 no. 9 2829-2833 S '65

HYSTERESIS—MEASUREMENT

Device for measuring hysteresis loop ratios. V. V. Klimov, I. V. Kozlov, N. V. Natsvetnikov, Izv. tekhn. no. 9 3-41 S '65

HYSTERESIS LOOP

Derivation of a principal magnetization curve using an electronic oscillograph. R. A. Voronov, G. N. Varfolomeev, Trudy OMIIT 42-101 106 '63.

IAKIR, IONA EMANUILOVYCH

Babenko, P. M. [Iona Emmanuilovich Iakir, a sketch of his military activities] Iona Emmanuilovich Iakir, narys boiovoio shliakhu. Kyiv, Vyd-vo politychnol. lit-rv Ukrainy, 1961 99 p. (CaOTU)

IAKOV'S'KYI, IURII, 1902-1954

Elements of folklore in "The horsemen," L. S. Bondarenko. Rad. lit. 9 no. 9 20-29 S '65.

ICE see subdivision under Antarctic regions; Odessa Province, Ukraine

ICE—TESTING

Effect of the structure of ice on its strength. V. V. Lavrov. Probl. Arkt. i Antark. no. 20:61-67 '65.

ICE AGE see Glacial epoch

ICE-BREAKING VESSELS

Determination of retention stresses in the jamming of an icebreaker. E. I. Petrov. Probl. Arkt. i Antark. no. 20:92-94 '65.

ICE CRYSTALS see subdivision under Arctic regions

ICE ON RIVERS, LAKES, ETC

(see also subdivision 'Ice' under Svir' River)

Formation of ice jams on mountain rivers. A. N. Chizhov. Trudy GGI no. 129, 44-66 '65.

Investigation of the suction of ice under partly opened surface gate. V. P. Tshikhin. Izv. VNIIG 76:271-288 '64.

Physical characteristics of the ice of gorges and jams. V. P. Berdennikov. Trudy GGI no. 129 18-43 '65.

Studies and calculations of the freezing of rivers and reservoirs. V. A. Rynsha, R. V. Donchenko. Trudy GGI no. 129:3-10 '65.

ICONS

Trubetskoi, E. N., kniaz'. [Three studies on the Russian icon; Speculation in colors, Two worlds in the Old-Russian icon painting; Russia in her icons] Tri ocherka o russkoi ikone. Umozrenie v kraskakh. Dva mira v drevne-russkoi ikonopisi. Rossia v ee ikone. Paris, YMCA-Press [c1965] 181 p.

IDEALS (ALGEBRA)

Primary ideals in noncommutative rings. V. A. Andrunakievich, I. U. M. Rjabukhin. Dokl. AN SSSR 165 no. 1, 13-16 N '65.

IGNEOUS ROCKS see Rocks, Igneous

IL'ENKOV, EVAL'D VASIL'EVICH

Awarding the N. G. Chernyshevskii Prize. Vest. AN SSSR 35 no. 10:137 O '65.

ILIM VALLEY—LANDFORMS

Genesis of the hill-and-sink relief in the basin of the Ilim River. G. P. Stryl'nik. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 6 39-47 '64.

ILIM VALLEY—MINERALS IN PLANTS

Trace element migration in soils and vegetation in the southern taiga of central Siberia. V. A. Snytko. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 6:48-53 '64.

ILIM VALLEY—SOILS—TRACE ELEMENT CONTENT

Trace element migration in soils and vegetation in the southern taiga of central Siberia. V. A. Snytko. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 6:48-53 '64.

1904-

18 60th birthday. Vop. 1904 '65

to transactions
1st state and
9 no. 1, 59-67

IMAGE INTENSIFIERS

Correction in a video amplifier. V. G. Katiukhin. Tekhn. izobrazheniye 9 no. 10 20-21 O '65.

IMANIN

Effect of imatin and novotamin on the regeneration of soft tissues in experiment. P. S. Volosovets. Mikrobiol. zhur. 27 no. 5 71-77 '65.

Imatin- and novotamin-resistant variants of Staphylococcus aureus 209 and their endogenous respiration. N. N. I. P. P. P. Mikrobiol. zhur. 26 no. 1-11-16 '64.

Effect of a free skin graft in a plastic surgery of clear operative wounds and the effect of imatin on it. O. V. Dol'nitskiy, P. S. Volosovets. Mikrobiol. zhur. 26 no. 1:46-19 '61.

IMIDAZOLE

Relationship between imidazole and choline receptors in the process of synaptic transmission. A. A. Boldyrev. Zhurnal biofiziki i fiziol. 1 no. 5 398-403 S-O '65.

IMIDAZOLETHIOL—THERAPEUTIC USE

Dissociation of oxidation from phosphorylation in respiration mitochondria in thymotocicosis and its reversibility. R. R. Rachev. Vest. AN SSSR 20 no. 10:68-72 '65.

IMIDES

Ethyleneimides of phosphono- and phosphatocarbonates. K. A. Petrov, A. I. Gavrilova, M. M. Butikov. Zhur. obshch. khim. 35 no. 10 1856-1863 O '65.

IMMORTALITY

[Psychology delusions the "Immortal soul"] Psikhologiya razvychivaiet "bessmertnuu dushu", sbornik statei. Moskva, Znanie, 1965. 47 p. (Novoe v zhizni, nauka, tekhnika. XII Seriya; Estestvoznaniye i religiya, no. 11)

IMMUNITY

Artificial heterogenization of malignant tumors as the second principle of the immunological treatment of tumors. G. I. A. Svet-Moldavskii, V. P. Gansburg. Bkh. eksp. biol. i med. 60 no. 9:95-98 S '65.

Data on immunological and quantitative microbiological characteristics of acute infection. Report No. 3: Specific immunological changes detected during animal experiments ("pulmonary model") and quantitative aspects of isolating the pathogen from patients with acute dysentery. T. A. Aydeeva, S. E. Karluk. Trudy. Len. inst. epid. i mikrobiol. 24 133-110 '63.

Effect of the rate of cultivating types B and D of Clostridium perfringens on their immunogenic properties. N. E. Grishchuk. Veterinariia 42 no. 10:23-25 O '65.

Immunological and toxic changes in experimental homo-transplantation of the skin. L. G. Doroshenko. Gemat. i perel. krov. 1:151-155 '65.

Immunological reactivity of the body of burn patients following skin autoplasty. D. I. Gitis. D. E. Lening. Gemat. i perel. krov. 1:143-145 '65.

Isolation of multiple blood transfusions. E. M. Ventsak. Gemat. i perel. krov. 1:44-47 '65.

Virus inhibitors in the saliva of healthy people and in influenza patients. P. M. Koslakov, V. A. Vashchenko. Vop. virus. 10 no. 2:204-209 Mr-Apr '65.

IMMUNOCHEMISTRY

Immunochemical analysis of the products of the splitting of bovine γ -globulin with papain. N. E. Kuchinskaya, A. I. Kudberg, V. S. Tsvetkov. Biokhimiia 30 no. 6: 1055-1070 S-O '65.

IMMUNOHEMATOLOGY

Reactivity of the cellular blood elements of the embryos of pink salmon. E. V. Prazdnikov. Dokl. AN SSSR 165 no. 1:207-208 N '65.

IMMUNOLOGICAL TOLERANCE

Changes in the immunobiological properties of Ehrlich ascites carcinoma under the effect of a suspension of normal tissues of rats. Report No. 1: Heterotransplantation of Ehrlich ascites carcinoma. D. K. Novikov. TSitologiya 7 no. 3:420-123 My-Je '65.

Changes in the immunobiological properties of Ehrlich ascites carcinoma under the effect of a suspension of normal tissues of rats. Report No. 2: Modification of the antigenic structure of a tumor demonstrated by the phenomenon of immunological stimulation of growth. D. K. Novikov. TSitologiya 7 no. 3:423-427 My-Je '65.

Volno-Izmenitskii, V. V. [Tissue incompatibility and ways to overcome it; based on materials from experimental keratoplasty] Tkanovaya nesovmestimost' i puti ee predoleniia; po materialam eksperimental'noi keratoplastiki. Moskva, Meditsina, 1965 292 p. (DNLM)

IMMUNOLOGY

Some protective tissue reactions of the embryos of pink salmon. E. V. Prazdnikov, I. G. Mikhailova. Dokl. AN SSSR 164 no. 5:1194-1198 O '65.

IMPACT

Impact on systems with distributed parameters. M. V. Blokh. Issled. po teorii skoruzh. no. 14:35-66 '65.

IMPEDANCE (ELECTRICITY)

Low-frequency titration. Changes in the boundary impedance in the course of titration. M. R. Huseynov, K. L. Kumpol. Zhur. fiz. khim. 39 no. 9:2785-2791 S '65.

IMPOTENCE

Treatment of impotence by transplantation of cerebral encephalic into the penis. V. I. Ruzakov. Zhur. fiz. khim. 20 no. 3:54-56 My-Je '61.

INBREEDING

Studying the chromosome activity in highly inbred Drosophila. V. A. Lychev. TSitologiya 7 no. 1: 333 My-Je '65.

INCENTIVES IN INDUSTRY

Business accounting, group wage-payment system and personal self-interest. L. Semenov. Sots. trud. no. 10:15-24 '65.

Encouraging the creative work of innovators. N. I. Kuchin and others. Part. zhizni no. 21:75-77 N '65.

Good initiative. G. I. Bukh. Bezop. truda v prom. no. 8 29-26 Ag '65.

Incentives for the housing economy. B. I. Gribanov. Gos. khoz. Mosk. 39 no. 8:21-23 Ag '65.

Koslin, L. A. [Material encouragement of technological progress] Material'noe stimulirovaniye tekhnicheskogo progressa. Moskva, Znanie, 1965. 40 p. (Novoe v zhizni, nauka, tekhnika. III Seriya; Ekonomika, no. 21)

INCLINOMETER

Tractor inclinometer. N. D. Matchenko. M. I. Zhur. i Trakt. i sel'khoz. mash. no. 8:10 Ag '65.

INCOME

Maslov, P. P. [Income of the Soviet family] Dukhod sovetskoi sem'i. Moskva, Statistika, 1965. 63 p. (Statistika dlia vseh)

INDANTHIONE

Complex investigation of the accuracy of the quantitative determination of nortetacine with phthalidine. V. B. Luk'ianov, E. P. Simonov. Vest. Mosk. univ. Ser. 2: Khim. 20 no. 4:330-33 Jl-Ag '65.

INDIA—COOPERATIVE SOCIETIES

Cooperative societies in India. R. N. Gupta. Sov. i zap. koop. 9 no. 10:98-99 '65.

INDIA—MINE FILLING

Hydraulic mine filling in France and India. A. I. Kovaleva, A. S. Bolasha. Met. i geotekhn. prom. no. 4 87-89 Jl-Ag '65.

INDIA—POLITICS AND GOVERNMENT

Kutina, M. M. [From the history of the national liberation movement in India in the 19th century; formation of the Indian National Congress Party] Iz istorii natsional'no-osvoboditel'nogo dvizheniia v Indii v XIX v. obrazovanie partii Indiskii natsional'nyi kongress. Tashkent, Izd-vo "Nauka" UzSSR, 1965. 152 p.

INDIA—RESEARCH

Scientific research institutes and universities in India. S. I. Polkin, V. P. Nebena. Izv. vyz. ucheb. zav. i inst. mot. 6 no. 6:149-155 '65.

INDIA—UNIVERSITIES AND COLLEGES

Scientific research institutes and universities in India. S. I. Polkin, V. P. Nebena. Izv. vyz. ucheb. zav. i inst. mot. 6 no. 6:149-155 '65.

INDIAN COINS see Coins, Indian

INDIAN OCEAN—FISHES

Commercial ichthyofauna and fish resources of the Indian Ocean. T. S. Rana. Trudy Inst. okean. 60:9-11 '66.

INDIAN OCEAN—LARVAE—FISHES

Occurrence of the larvae of scombroid fishes (Pisces, Scombroidei) in the eastern part of the Indian Ocean. N. N. Gorbunov. Trudy Inst. okean. 60:32-35 '65.

INDIAN OCEAN—SCOMBROIDAE

Occurrence of the larvae of scombroid fishes (Pisces, Scombroidei) in the eastern part of the Indian Ocean. N. N. Gorbunov. Trudy Inst. okean. 60:32-34 '65.

INDIAN WIT AND HUMOR

Indian jokes. Lenaw Porembaki. Az. i Afr. seg. 9 no. 10:44-45 O '65.

INDIANS—ART see subdivision under Mexico

INDICATOR PLANTS see Plant indicators

INDICTMENTS

The decision declaring a person a defendant and his defense against formal indictment. I. S. Stepanovskii. Sov. iust. 29 no. 19:11-13 O '65.

INDIGIRKA DELTA—WATER BIRDS

Water birds of the Indigirka Delta and a more efficient of them. R. L. Beme, S. G. Prikozskii, S. M. Usupskii. *Ontologiya* no. 7 20-28 '65.

INDIGIRKA VALLEY—FROZEN GROUND

Composition and cryogenic structure of the present-day sediments in the front of the delta of the Indigirka River. V. A. Usov. *Vest. LGU* 20 no. 18 10-58 '65.

INDIUM

Electrochemical behavior of indium. Part I: Cathodic process. A. P. Pchel'nikov, V. V. Losev. *Elektrokhimiya* 1 no. 9 1056-1063 S '65.

INDIUM ANTIMONIDE CRYSTALS

Study of the degree of homogeneity of indium antimonide alloyed crystals. V. A. Kokoshkin, M. S. Mikhlovskaya, V. M. Bezborudova. *Izv. AN SSSR, Neorg. mat.* 1 no. 5; 668-674 My '65.

INDIUM ANTIMONIDES

Recent data on the Shubin'kov—de-Haas spin effect in InSb. Kh. I. Amirkhanov, R. I. Bashitov. *Phys. v. red. Zhur. eksper. i teoret. fiz.* 1 no. 2 17-21 Ap '65.

INDIUM ANTIMONIDES—ELECTRIC PROPERTIES

Electric properties of indium antimonide irradiated by neutrons at 77°K and by electrons at 300°K. L. K. Vodop'yanov, N. I. Kudiani. *Fiz. tsvet. tela* 7 no. 9-2740-2753 S '65.

INDIUM ANTIMONIDES—OSCILLATIONS

Negative resistance and generation of oscillations at point contacts in p-In₃Sb. I. A. Baev. *Fiz. tsvet. tela* 7 no. 9 2594-2598 S '65.

INDIUM ARSENIDES—MAGNETIC PROPERTIES

Magnetophonon resonance in n-InAs. D. V. Mashovets, R. V. Pafen'ev, S. S. Shalyt. *Phys. v. red. Zhur. eksper. i teoret. fiz.* 1 no. 9 2-7 My '65.

INDIUM COMPOUNDS

Decomposition of indium phosphide in caustic soda solutions. IU, A. Nikiforov, B. A. Shabdenov. *Trudy Inst. met. i obog. AN Kazakh. SSR* 12 23-25 '65.

INDIUM CRYSTALS

Super-high-frequency electromagnetic waves in the skin layer of indium. R. I. Mlna, M. S. Khaikin. *Phys. v. red. Zhur. eksper. i teoret. fiz.* 1 no. 2 31-11 Ap '65.

INDIUM ELECTRODES see Electrodes, Indium

INDIUM PHOSPHIDES

Production of indium phosphide by precipitation from a solution and some of its properties. IA, A. Ugn' and others. *Izv. AN SSSR, Neorg. mat.* 1 no. 5 653-667 My '65.

INDIUM SELENIDE CRYSTALS

Infrared absorption of indium selenide single crystals. E. I. Zorina, V. B. Volichkov, T. N. Gultov. *Izv. AN SSSR, Neorg. mat.* 1 no. 5 690-691 My '65.

INDIVIDUALITY

The collective and the individual. S. Elizaitenko. *Part. zhizni* no. 2 16-27 N '65.

INDOLE

Recovery of indole from the absorption fraction. B. E. Kogan, V. E. Privalov, P. D. Plotova. *Koks i khim.* no. 8 30-33 '65.

INDONESIA—POLITICS AND GOVERNMENT

Indonesia's difficult days. *Sovremennik*. Nov. vrem. 23 no. 4 16-7 O '65.
The situation in Indonesia. A. U. Nov. vrem. 23 no. 46 15 N '65.

INDUCTANCE

Inductance of a superconducting solenoid. V. V. Sychev, V. B. Zenkevich, V. V. Andrianov. *Dokl. AN SSSR* 165 no. 1 173-76 N '65.
Measuring the Q-factor of circuits with a nonlinear inductance. N. G. Kharatishvili. *Izv. vuz. ucheb. zav. i prib.* 8 no. 5 15-17 '65.

INDUCTANCE—MEASUREMENT

Development of large inductance measuring standards for frequencies up to 1000 cycles. E. S. Lyubchik. *Trudy Inst. Kom. stand., mer. i izm. prib.* no. 74 28-40 '63.

INDUCTION (ELECTRICITY)

Field in the stator-to-rotor gap of an induction machine with variable linear loading of the winding. A. P. Bashchepkin. *Mag. gidr.* no. 3 90-102 '65.

INDUCTION ELECTRIC MOTORS see Electric motors, Induction

INDUCTION HEATING

Cluing wood with plastic materials by heating in a high-frequency electric field. L. M. Koval'chuk, E. N. Bashkin. *Dokl. prom.* 14 no. 8 16-7 Ag '65.

Glukhanov, N. P. [Physical principles of high frequency heating] *Fizicheskie osnovy vysokochastotnogo nagrevaniya* 3, ispi i dop. Pod red. A. A. Fogelia Moskva, Mashinostroyeniye, 1965 78 p. (Biblioteka vysokochastotnika-termistov, no. 2)

Parameters of induction heating of pipes during bending. P. K. Lutskii. *Stroitel'stvo* 10 no. 10 6-10 O '65.

INDUCTION HEATING—EXHIBITIONS

First in the U. S. S. R. Inform. bulet. VDNKH no. 7 16 JI '65.

INDUSTRIAL ACCIDENTS

This did not need to happen. N. Makhmushina, IA Gasech, A. Kofko. *Okhr. truda i sots. strakh.* 8 no. 11 36-37 N '65.

INDUSTRIAL BUILDINGS

Complex of industrial and trade enterprises. A. Gimmel'farb. *Sov. torg.* 30 no. 10 15-18 O '65.

INDUSTRIAL BUILDINGS—CLEANING see subdivision under United States

INDUSTRIAL BUILDINGS—DESIGN AND CONSTRUCTION

(see also subdivision under Drest, Leningrad)
All-Union seminar on designing machinery-manufacturing plants. M. V. Vlasenko. *Bul. sta. i tekh.* 27 no. 9 44-45 S '65.

Industrial aesthetics. Bezop. truda v prom. 8 no. 9 31-32 S '65.

INDUSTRIAL CAPACITY

Put the productive capacity in operation faster. N. Vovchenko. *Ekon. stroit.* no. 10 21-25 O '65.

INDUSTRIAL CAPACITY—CONGRESSES

Scientific and technical conference on the problems of improving the utilization of productive capacity. K. Petrosian. *Vop. ekon.* no. 8 158-160 Je '65.

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL DESIGN see Design, Industrial

INDUSTRIAL DIAMONDS see Diamonds, Industrial

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL ELECTRIC TRUCKS—CURRENT SUPPLY

Substation with semiconductor rectifiers for current supply of electric trucks. P. A. Sofronov and others. *Ogneuproy* 30 no. 10 7-8 '65.

INDUSTRIAL ENGINEERING

From the Third Plenum of the All-Union Scientific and Technical Society. *Tekst. prom.* 25 no. 9 93 S '65.
Planning according to the standard costs of manufacturing. M. D. Kosen'kov. *Tekst. prom.* 25 no. 9 15-17 S '65.

INDUSTRIAL EQUIPMENT

Provide the rubber tire repair industry with the new type of equipment. E. G. Vostrikov and others. *Kauch. i rez.* 24 no. 8 33-35 '65.

INDUSTRIAL EQUIPMENT—INVENTORIES

On the regular census of uninstalled equipment as of January 1, 1966. P. Zet'iser. *Vest. stat.* no. 10 58-62 '65.

INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR

Economic principles of determining the operational life of capital assets. A. Buzn'. *Vest. stat.* no. 10 18-28 '65.

INDUSTRIAL EQUIPMENT—STANDARDS

Main road for the development of new equipment. V. A. Masol. *Standartizatsiya* 29 no. 8 62-63 '65.

INDUSTRIAL HYGIENE

(see also subdivision under Azerbaijan; Baku; Ivanovo Province; Latvia; Scandinavia; Voronezh Province)

Built according to the design. G. Kurechkin. *Okhr. truda i sots. strakh.* 8 no. 10 3-4 O '65.

Control technique. L. Gullugin. *Okhr. truda i sots. strakh.* 8 no. 11 22-23 N '65.

Let fatigue retreat. IU. Molkin. *Okhr. truda i sots. strakh.* 8 no. 11 26-27 N '65.

Lotavet, A. A., and E. V. Khurina, eds. [Methods for studying industrial dust and the incidence of pneumoconiosis] *Metody izucheniya proizvodstvennoi pyli i zabolevayemosti pnevmokoniozami*. [Leningrad] Meditsina, 1965. 121 p. (Biblioteka sanitarnogo vracha)

(ONLM)

Let's introduce aesthetics into industry. V. Goncharenko. *Okhr. truda i sots. strakh.* 8 no. 10 14 O '65.

New frontiers for technical inspection. *Okhr. truda i sots. strakh.* 8 no. 10 1-2 O '65.

Russia (1923— U. S. S. R.) Laws, statutes, etc.

[Handbook on safety engineering and industrial sanitation in three volumes] *Spravochnik po tekhnike bezopasnosti i proizvodstvennoi sanitarii v trekh tomakh* 3., promyshlennoe i perer. Izd. Sost. S. S. Sidorchukin i dr. Olv. red. M. N. Pokrovskii. Leningrad, Sudostroyeniye.

Vol. 2. [General principles. Regulations. Norms. Instructions] *Obshchie polozheniya. Pravila. Normy. Instruktsii*, 1965. 679 p.

Workers give their appraisal. *Okhr. truda i sots. strakh.* 8 no. 11 8-9 N '65.

INDUSTRIAL LAWS AND LEGISLATION

Russia (1923— U. S. S. R.) Laws, statutes, etc.

[Statute on the socialist state production enterprise] *Polozhenie o socialisticheskoy gosudarstvennoy proizvodstvennoy predpriyatii*. [Moskva] Ekonomika, 1965. 30 p.

INDUSTRIAL MANAGEMENT

(see also subdivision under Armenia, East Kazakhstan Province, Kofand, Moscow Province; Uzbekistan; White Russia)

Akademik nauk SSSR, Sibirskoye otdelenie. Institut ekonomiki i organizatsii promyshlennogo proizvodstva. [Problems of scientific labor organization in an industrial enterprise] *Voprosy nauchnoi organizatsii truda na promyshlennoy predpriyatii*. Pod obshchey red. P. F. Petrochenko. Moskva, Mysl', 1965. 237 p.

Conference on scientific organization of labor. V. A. Volkov, P. S. Sokolinskiy. *Vest. mashinost.* 45 no. 7; 84 JI '65.

A contract to furnish technical assistance to new plants. V. Rasmushevskii. *Sov. kuzn.* 29 no. 19 10-11 O '65.

Division and cooperation of labor under conditions of modern production. M. Demchenko. *Sots. trud* 10 no. 10 85-103 '65.

In the interest of the people. *Sots. trud* 10 no. 10 3-5 '65.

On the work of permanent production conferences. *Zh. i. koms. khoz.* 16 no. 9 34-35 S '65.

Organizing combined centralized system of industrial management. B. M. Jakobson. *Prib. avtomatizatsii* no. 9 1-4 S '65.

Put into practice the decisions of the Central Committee of the CPSU. *Sov. profsoyuz* 21 no. 21 1-2 N '65.

Resources and their efficiency. E. Krasnikova, NTO 7 no. 10 11-13 O '65.

Scientific labor organization service in an enterprise. D. Vozn'ev and others. *Sots. trud* 10 no. 10 83-91 '65.

Strengthening of business accounting in an industrial enterprise. P. Bunich, L. Mokeeva. *Vop. ekon.* no. 9; 51-63 Je '65.

INDUSTRIAL MANAGEMENT—BIBLIOGRAPHY see Bibliography—Industrial management

INDUSTRIAL MICROBIOLOGY

Bacteria accompanying the mass *Chlorella* culture and their role in the biosynthesis of vitamin B₁₂. E. I. Mitogradova, P. T. Malakhova, L. G. Konstantinova. *Uzn. biol. zhur.* 9 no. 5 16-20 '65.

Blažnik, Roman, and Valerio Zanova. [Microbiological corrosion. Translated from the Czech] *Mikrobiologicheskaya korrozia*. Moskva, Khimika, 1965 221 p.

INDUSTRIAL ORGANIZATION

For a cooperation between the textile and clothing industry of Transcaucasia. V. P. Gopko, A. E. Gorenboin. *Tekst. prom.* 25 no. 10 8-9 O '65.

INDUSTRIAL PLANTS see subdivision under Czechoslovakia

INDUSTRIAL PLANTS—DESIGN AND CONSTRUCTION

Plans in the design of paint and varnish plants. S. F. Naizhmal, Bezop. truda v prom. 8 no. 8 21-22 Ag '65.

INDUSTRIAL POWER TRUCKS—RELIABILITY

Securing the reliability of the performance of "K-51" and "K-81" automobile cranes. V. A. Filippov. *Bezop. truda v prom.* 8 no. 8 56 S '65.

INDUSTRIAL PROCUREMENT

Long-range economic contracts. V. Shelestov. *Rad. pravo* 28 no. 7 75-76 O '65.

Set the supplying of materials and equipment in order. L. Chernitskii. *Ekon. stroit.* no. 10 17-18 O '65.

INDUSTRIAL PROCUREMENT—ACCOUNTING

Problems of strengthening business accounting in supply and sale organizations. A. Baskin, V. Odess. *Fin. SSSR* 30 no. 10 8-13 O '65.

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL SAFETY

(see also subdivision under Azerbaijan)

Increasing the safety in acetylene production. I. I. Strizhevskiy. *Svar. prom.* no. 10, 11-12 O '65.
Nemograms for determining the lower and upper limits of gas and steam explosiveness in a mixture with air. A. F. Chernyshev. *Bezop. truda v prom.* 9 no. 9 53-54 S '65.

Russia (1923- U.S.S.R.) Laws, statutes, etc.

Handbook on safety engineering and industrial sanitation in three volumes: Spravochnik po tekhnike bezopasnosti i proizvodstvennoi sanitarii v trzh tomakh. 3., promotrennoe i perer. izd. Sost. S. S. Sidorovich i dr. Otv. red. M. N. Pokrovskiy. Leningrad, Sudostroenie.

Vol. 2 [General principles, Regulations Norms, Instructions] Obshchie polozheniya, Pravila, Normy. Instruktiv. 1965. 679 p.

Sallimov, E. S. [Technology protects man] Tekhnika ochraniaet cheloveka. Moskva, Znanie, 1965. 30 p. (Novoe v zhizni, nauke, tekhnike. IV Seriya Tekhnika, no. 21)

INDUSTRIAL SAFETY—EQUIPMENT AND SUPPLIES

Make greater use of new devices and machines. Bezop. truda v prom. 9 no. 9 1-3 S '65.

INDUSTRIAL SAFETY—LAW AND LEGISLATION

Kiselev, I. A. [Labor safety; specialists' counsels on its legal aspects] Okhrana truda, konsultatsii po pravovym voprosam. [Moskva] Profizdat, 1965. 175 p.

Procedural status of the technical inspector of the Council of Trade Unions. I. Mikhalevskaya. *Sov. iust.* 29 no. 10 6-8 O '65.

[Work of trade-union activists on industrial safety] Rabota profsoznogo aktivna po oklune truda. [Moskva] Profizdat, 1965. 205 p.

INDUSTRIAL SAFETY—STUDY AND TEACHING

Social inspectors are attending University courses. A. P. Fadeev. *Bezop. truda v prom.* 9 no. 8 33-34 Ag '65.

INDUSTRIAL WASTES

Utilization of the water squeezed out during the pressing of bark tan waste. M. I. Karpman. *Kozh.-obuv. prom.* 7 no. 3 31 Mr '65.

INDUSTRIAL WASTES—PURIFICATION

Application of polyacrylamide in the purification intensification of sewage waters from grain washing. P. G. Demidov, O. V. Teshel'ev. *Izv. vys. uchob. zav. i pishch. tekhn.* no. 5 120-133 '65.

Biochemical purification of sewage waters. V. I. Zamelin. *Khim. volok.* no. 5 68-69 '65.

Decontamination of sewage from the evaporating shop of the Segezha Combine. O. I. Sokolova, M. F. Maksimov. *Bum. prom.* no. 7 21-22 JI '65.

Methods for the preparation and setting into operation of the waste purification systems in the Baikal Woodpulp Mill and Bratsk Integrated Woodpulp Mills. *Bum. prom.* no. 7 2-4 JI '65.

INDUSTRIES, LOCATION OF

(see also subdivision under Azerbaijan; Czechoslovakia; Kazakhstan, Russia, Northern; Volga-Vyatka Economic region, Yenisey Valley)

Development of geographical and mapping works for industrial design and construction in prerevolutionary Russia. N. A. Kondrat'eva. *Vest. LGU* 20 no. 12 121-127 '65.

Industrial center as an object of economic and geographic study. N. E. Obogueva. *Vest. LGU* 20 no. 18 80-89 '65.

INDUSTRIES, LOCATION OF—CONGRESSES

Discussion of the methodological plan for determining the effectiveness of the location of industries. A. A. Mints. *Izv. AN SSSR, Str. geog.* no. 5 148-150 S-O '65.

INDUSTRIES, LOCATION OF—MATHEMATICAL MODELS

Approximate solution of some heterogeneous models of distribution. A. A. Korbut, V. V. Matinkov. *Ekon. i mat. metod.* 1 no. 3 425-441 My-Je '65.

INDUSTRY—ABSTRACTS

[Economics of industry] Ref. sbor.: Ekon. prom. nos. 10-11 O-N '65.

INDUSTRY AND ART see Art and Industry

INDUSTRY AND STATE see subdivision under Bulgaria

INEQUALITIES (MATHEMATICS)

Differential inequalities for equations with delayed argument. M. P. Mikhazova, V. V. Podgornov. *Dif. urav.* 1 no. 9 183-188 S '65.

On a certain inequality. N. A. Lebedev, I. M. Milin. *Vest. LGU* 20 no. 19 157-158 '65.

Theorem on integral inequalities and some of its applications. V. M. Alekseev. *Mat. sbor.* 68 no. 2 251-273 O '65.

INFANCY OF ANIMALS see Animals, Infancy of

INFANTS

As you sow so shall you reap. N. Kiseleva. *Doshk. vosp.* 38 no. 9 67-68 S '65.

INFANTS—CARE AND HYGIENE

[Aid for the young mother] V pomoshch' molodoi materi. 3., ispr. i dop. izd. Minsk, Belarus', 1965. 130 p. (DNLM)

INFANTS—DISEASES

Pathological anatomy of osteomyelitis of the maxilla in newborn infants and young children. A. M. Solntsev. *Probl. chel.-tish. khir.* no. 1 157-158 '65.

INFANTS (NEWBORN) see subdivision under Tashkent

INFANTS (NEWBORN)—DISEASES

Congenital leukemia in a 2 1/2-month-old child. V. V. Kutsenko. *Probl. gemat. i perel. krovi* no. 5 54 '65.

Cutaneous vascular formations in newborn infants. V. I. Pomomareva. *Nauch. trudy Riaz. med. inst.* 11 204-207 '60.

Intrauterine osteogenesis imperfecta in newborn infants. A. I. Kotelnikova. *Akush. i gin.* no. 1 148-149 '65.

Treatment of umbilical prolapse. A. S. Motaak. *Akush. i gin.* no. 1 141 '65.

Tumors in newborn infants and fetuses; a review of literature. I. U. V. Gul'kevich, T. S. Rabinovich. *Arkhi. pat.* no. 10 3-12 '64.

INFECTIOUS HEPATITIS see Hepatitis, Infectious

INFLAMMATION

Effect of intra-arterial transfusions of a leucocyte mass on the reactivity of cellular elements of connective tissue and blood in the focus of aseptic inflammation. P. N. Derbenev. *Gemat. i perel. krovi* 1 10-10 '65.

INFLORESCENCE

Development of vegetative and generative parts of the spikelet of rice (*Oryza sativa* L.). N. V. Belitskiy. *Ukr. bot. zhur.* 22 no. 5 51-58 '65.

Morphology of the reproductive organs of the bamboo *Melocanna bambusoides* Trin. L. R. Potova. *Bot. zhur.* 50 no. 9 1208-1204 S '65.

Viability of female corn flowers. R. Kh. Khodzhimuradova. *Uzb. biol. zhur.* 9 no. 5 71-77 '65.

INFLUENCE OF ALTITUDE see Altitude, Influence of

INFLUENZA

(see also subdivision under Tashkent)

Influenza arachnocephalitis. V. V. Pishchugin. *Trudy Vot. med. inst.* 51 82-89 '63.

Paradoxical mitigation of toxic influenza manifestations under the influence of a mild course of a staphylococcal infection of the respiratory tracts. V. E. Pigarevskiy and others. *Vop. virus.* 10 no. 2 181-187 Mr-Apr '65.

Parainfluenza diseases in adults; clinical aspects and diagnosis. E. S. Ketiladze and others. *Sov. med.* 28 no. 3 63-60 Mr '65.

INFLUENZA—COMPLICATIONS AND SEQUELAE see subdivision under Tashkent

INFLUENZA—PREVENTION

Prevention of grippa. M. Sokolov. *Okh. truda i sloz. strakh.* 8 no. 10 21-22 O '65.

INFLUENZA—PREVENTIVE INOCULATION

Immunological effectiveness of bivalent influenza vaccine in its three-stage introduction. G. M. Dokuchayev. *Voen.-med. zhur.* no. 1 80-84 '65.

INFLUENZA VIRUSES

Age-related distribution of antibodies to parainfluenza viruses. V. A. Efimova, M. A. Iakhno, A. V. Pichushkov. *Vop. virus.* 10 no. 2 217-219 Mr-Apr '65.

Association of the influenza virus A2 and ECHO virus 9. V. V. Rikova, E. I. Rudnikskaya, V. N. Nikol'skii. *Vop. virus.* 10 no. 2 219-221 Mr-Apr '65.

Transmission of genetic characters with the aid of ribonucleic acid isolated from influenza viruses. M. I. Sokolov, R. A. Podcherniaeva, L. K. Men'shikh. *Vop. virus.* 10 no. 2 139-142 Mr-Apr '65.

Virus inhibitors in the saliva of healthy people and in influenza patients. P. N. Kostakov, V. A. Vasilenko. *Vop. virus.* 10 no. 2 204-209 Mr-Apr '65.

INFLUENZA VIRUSES—CULTURES AND CULTURE MEDIA

Study of the conditions of inactivating A/PR8 influenza virus with ultraviolet rays for obtaining interferon. L. I. Hloba. *Mikrobiol. zhur.* 27 no. 5 49-55 '65.

INFORMATION DISPLAY SYSTEMS

Electroluminescent signals in color display systems. E. N. Labimov, F. V. Sorokin. *Svetotekhnika* 11 no. 10 14-15 O '65.

INFORMATION SERVICES—ABSTRACTS

[Scientific and technical information] Ref. zhur.: *Tekhn. i tekhn. inform.* no. 5 S '65.

INFORMATION STORAGE AND RETRIEVAL SYSTEMS—HISTORICAL RESEARCH

First academic conference "Cybernetics and the methods of historical research." M. B. Uka. *Izv. zhur.* 11, A 8 153-151 Ag '65.

INFORMATION THEORY

Analysis of the expediency of the use of electric power distribution networks in the capacity of communication channels using the theory of games technique. A. A. El'darov. *Avtom. i telemek.* 26 no. 10 1757-1761 O '65.

Convergence of a random search method under noise conditions. I. S. Gulin, I. A. Rastiglin. *Avtom. i telemek.* 26 no. 9 1546-1552 S '65.

Determining the information characteristics of contour images. I. P. Kulikovskiy. *Tekhn. kibernetika* 1 no. 10 25-28 O '65.

Evaluation of the parameters of signals modulated by a random process. L. P. Synovskiy. *Avtom. i telemek.* 26 no. 10 1769-1779 O '65.

Interference rejection in the transmission of remote control signals with group distribution and alternating quality codes. B. K. Skryt. *Avtomatika* 10 no. 1 65-71 '65.

Optimal procedures for teaching the acceptance of a tactical decision. P. P. Danov. *Radiotekhn. i elektronika* 10 no. 10 1774-1782 O '65.

INFORMATION THEORY IN LAW

Potential use of cybernetic methods in legislative activities. O. A. Gavrilov. *Sov. gos. i pravo* 35 no. 10 119-121 O '65.

INFORMATION THEORY IN PHYSICS

Akademika nauk Chuzhinskoi SSR, Tiflis. Institut kibernetiki. [Cybernetic models] Kiberneticheskie modeli. Tiflis, Metsnereba, 1965. 88 p.

INFORMATION THEORY IN PSYCHOLOGY

Amosov, N. M. [Modeling of thinking and the mind] Modelirovaniye myshleniya i psikhiki. Kiev, Naukova dumka, 1965. 302 p.

INFRARED RAYS—INDUSTRIAL APPLICATIONS

Thermal infrared treatment of heating. V. P. Alekseyev, A. V. Dronovskiy and others. *Ryb. khoz.* 41 no. 9 85-89 '65.
Use of infrared heating elements in the transportation of aggregates under winter conditions. A. P. Vladimirov and others. *Stroitel. st.* 11 no. 10 15-16 O '65.

INFRARED RAYS IN NAVIGATION

Principles underlying the design of a new infrared apparatus for river-craft. K. P. Oreshkin. *Trudy ITV* 1 no. 7 47-53 '65.

INFRARED SPECTRUM see Spectrum, Infrared

INFRARED TECHNOLOGY

Using infrared rays in asphalt concrete construction. V. K. Bogdanov and others. *Avi. dor.* 20 no. 9 20-24 '65.

INGOTS, NONFERROUS see Nonferrous Ingots

INHIBITION (CHEMISTRY)

Determination of the efficiency of weak inhibitors in viscous media. G. P. Gladyshev, S. R. Radikov, N. V. Churbaeva. *Dokl. AN SSSR* 165 no. 4 133-135 JI '65.

Mechanism of termination of kinetic oxidation chains by means of radical stabilizers. M. S. Khlopkhina and others. *Kin. i kat.* 6 no. 3 304-308 My-Je '65.

Synthetic inhibitors and natural antioxidants. Report No. 1. Effect of the inhibitors of free radical reactions on the antioxidative activity of rat liver lipids. I. B. Dubinskaya, N. M. Dzhaba, N. P. Pal'mina. *Radiatsiya* 10 no. 5 106-109 '65.

INJECTIONS, INTRA-ARTICULAR

Treatment of neoplasms of the periarthral region with intra-articular hydrocortisone injections. K. Bel-laps. *Shor. nauch. rab. vrach. san.-kur. uch. prots. i res.* no. 1 178-181 '64.

INJECTIONS, INTRAVENOUS

Biochemical characteristics of the preparation "Leberinogen" for intravenous introduction. R. A. Shumskiy. *Gemat. i perel. krovi* 1 18-22 '65.

INJURIES FROM ELECTRICITY see Electricity, Injuries from

INLAND NAVIGATION—EXHIBITIONS

Floating branch of the Exhibition of Achievements of the National Economy. S. Patolov. *Inform. kubl. VUZKH* no. 7 12-14 JI '65.

INLAND WATER TRANSPORTATION

(see also subdivision under Russia, Northern; Russia, Northwestern)

Methodological directions concerning the operational and economic basis of prospective vessel types for river transportation. A. M. Evtva, Trudy LIT no. 65-14 '64.

Nelgol'dberg, V. I. A. [River transportation of the U.S.S.R. during the years of the Great Patriotic War] Rechnol transport SSSR v godu Velikoi Otechestvennoi volny Pod red. S. M. Rumyantseva. Moskva, Transport, 1965. 285 p.

INSCRIPTIONS, CARIAN

Experiment in deciphering Carian inscriptions. V. V. Shevchenko. Vest drev ist no. 131-50 '65.

On the Hittite-Lydian character of the Carian language. V. V. Shevchenko. Vest. Mosk. un. Ser. 7 Filol. i. i. 20 no. 5-6-77 5-O '65.

INSCRIPTIONS, GREEK (see subdivision under Kerch Peninsula; Olbia (Borysthenes))

INSCRIPTIONS, PALMYRENE

More on Palmyrene inscriptions in the Soviet Union. I. N. Vinnikov. Vest. drev. ist. no. 130-141 '65.

INSCRIPTIONS, SANSKRIT (see subdivision under Uzbekistan)

INSECT BATS AND REPELLENTS

Aerosols as the friends of triga workers. A. P. Okhonenkov. Okhr. i. i. sots. strakh. 3 no. 11:18 N '65.

Comparative evaluation of repellents for protecting cattle from bloodsucking insects. V. I. Bukhalyov. Trudy VNIIVS 21:14-50 '61.

Field tests of new repellents against mosquitoes in a hot climate. G. S. Perovskii, A. K. Shustrov, N. A. Knyazevich. Trudy Aka. zap. no. 9:102-106 '61.

INSECTICIDES

Comparative testing of the larvicidal properties of trichloromethaphos-3, DDT, polychlorophenyl, dimethylidichlorovinyl phosphite, and nevin on the larvae and pupae of the mosquito Aedes in natural bodies of water. V. I. Bukhalyov. Trudy VNIIVS 24:51-54 '64.

Dimethylidichlorovinyl phosphite as an effective means in controlling chicken mites. B. A. Frolov. Trudy VNIIVS 21:55-61 '61.

Effectiveness of chlorophos, trichloromethaphos-3, and carbophen in the control of ectoparasites in poultry. B. A. Frolov. Trudy VNIIVS 24:30-43 '64.

Granulated insecticides for the protection of pea seedlings against weevils of the genus Sitona. K. N. Usacheva. Trudy VIZH no. 20 pt. 1:28-32 '64.

Preparing a tobacco infusion and extract. P. Nikolaev. Zhukh. rast. ot vied. i. i. 10 no. 7:38-39 '66.

Results of a study of organophosphorus preparations against the leaf miner Tabacotilella pyralisella Gram. G. N. Alekudze. Izob. AN Gruz. SSR 30 no. 3:680-686 '65.

Studying trichloromethaphos-3 in the control of ixodid ticks. B. V. Andrichuk. Trudy VNIIVS 24:55-60 '61.

Synergistic action of mixtures of phosphorus organic insecticides. S. A. Rodlavskaya, P. V. Pupov. Khim. i. i. 10 no. 9:20-33 '65.

Use of trichloromethaphos in Hypodermis infestation of cattle. V. T. Smirnov. Trudy VNIIVS 21:332-332 '64.

INSECTICIDES—EFFECT ON PLANTS (see Plants, Effect of insecticides on)

INSECTICIDES—TESTING

Stability of some organochlorine insecticides under the influence of light and temperature depending on their form. L. A. Kulikova. Trudy VIZH no. 20 pt. 1:33-35 '64.

INSECTIVORA

(see also subdivision under Tatura Valley)

Chemical thermoregulation in small insectivores (insectivora, Monomalia). N. V. Beshentina. Nauch. dokl. vys. shkoly, biol. nauki no. 4:43-47 '65.

INSECTS—PHYSIOLOGY

Electroencephalographic study of the muscles in insects. I. B. Mendel'shtam. Zhur. evol. biokhim. i. i. 10 no. 5:301-307 8-O '65.

INSECTS, INJURIOUS AND BENEFICIAL

Role of intestinal endogenous bacteria in the microbiological control of injurious insects. V. P. Pristavko. Mikrobiologiya 34 no. 5:925-928 5-O '65.

INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL

Data on the study of entomopathogenic fungi in the Ukraine. L. Z. Koval'. Ukr. bot. zhur. 22 no. 5:59-61 '65.

Feeding habits and significance of robber flies. P. A. Ler. Trudy Kaz. NIIZR 8:213-244 '64.

Role of intestinal endogenous bacteria in the microbiological control of injurious insects. V. P. Pristavko. Mikrobiologiya 34 no. 5:925-928 5-O '65.

INSECTS, INJURIOUS AND BENEFICIAL—CONTROL (see also subdivision under Kirghizistan; Tyumen' Province)

Dobosavl'skiy, D. V., and A. V. Ponomarenko. [Chemical control of harmful insects in the soil] Khimicheskaya bor'ba s vreditel'nymi nasekomyimi v pochve 2, dop. izd. [Moskva] Izd-vo Mosk. univ., 1965. 129 p. (DNAL)

Frolov, B. A. [External parasites of poultry and measures for their control] Naruzhnye parazity ptits i меры bor'by s nimi. Moskva, Koles, 1965. 83 p. (DNAL)

INSPECTION OF MEAT (see Meat inspection)

INSTRUMENT INDUSTRY—MANAGEMENT

Methods for determining the quantity of instruments required. P. M. Stakolov. Priboirostroe. no. 9:20-22 5 '65.

INSTRUMENT MANUFACTURE (see subdivision under Armenia)

INSTRUMENT MANUFACTURE—TECHNOLOGICAL INNOVATIONS

All-Union conference of institutions for higher education on the problems of advanced technology in instrument manufacture. P. I. Bulovskii, S. P. Akhmedov, I. G. Shchukin. Priboirostroe. no. 9:30-31 5 '65.

INSTRUMENTS—PARTS

Relaxation strength of spring alloys. R. I. Miskhevich and others. Priboirostroe. no. 9:17-20 5 '63.

INSTRUMENTS—RELIABILITY

Theory of the rapid determination of the reliability index of machine parts and instruments. V. N. Tretyak. Dokl. AN BSSR 9 no. 3:541-543 Ag '65.

INSTRUMENTS, ELECTRIC (see Electric instruments)

INSTRUMENTS, ELECTRONIC (see Electronic instruments)

INSULATED ELECTRIC WIRE (see Electric wire, insulated)

INSULATING MATERIALS

Mineral unit for applying hydraulic insulation. M. P. Pribyl'skii. St. i. i. d. i. mach. 10 no. 9:20-21 5 '65.

Color waterproofing of cooling towers on the basis of epoxy resin varnishes and paints. V. L. Shchukin. Trudy VNIIVS 24:333-341 '64.

Effect of the thermal treatment of the peat mass on the manufacturing process of insulation panels. I. A. Anan'ev, A. M. Andzhayevskii. Trud. prom. 42 no. 3:34-35 '65.

Heat and sound insulating materials from the basalt of Georgia. V. N. Shapovalov, A. I. Datskivskii. Trudy KIMS no. 5:99-106 '65.

Raising the turnover of refractory supply in the manufacture of insulators. G. V. Kukolev, A. N. Kuznetchenko. Izv. vuz. ucheb. zav., khim. i. i. khim. tekhn. 8 no. 3:522-524 '65.

Vorob'ev, V. A., R. A. Andriyanyan, and G. P. Fedoseev. [Polymeric heat-insulating materials in construction, a textbook] Polimerne teploizolatsionnye materialy v stroitel'stve, uchebnoe posobie Moskva, Vses. zaochnyi stroitel'skiy tekhnikum, 1964. 110 p.

INSULATING OILS

Gas emission in transformer oil during the vibration of solid particles. K. F. Stepanchuk, S. P. Rzhavskaya. Izv. vuz. ucheb. zav.; energ. 8 no. 8:87-90 5 '65.

Performance of the electric contacts of d.c. motors in a liquid dielectric media. B. M. Plushch, L. L. Ryskin. Elektrotekhnika 36 no. 10:14-16 O '65.

Use of transformer insulating oils in municipal power distribution systems. N. G. Kalantar. Elek. sta. 30 no. 11:72-74 N '65.

INSULATION (HEAT) (see also subdivision under Buryat A.S.S.R.)

Determining the coefficient of heat transmission for insulated corrugated constructions without crossing the corrugations. I. U. F. Nestorov. Trudy LIT no. 69:10-21 '64.

Determining the equivalent heat conduction coefficient of insulating and adhesive materials in calculating ship insulation. I. U. F. Nestorov. Trudy LIT no. 76:23-28 '64.

Heat insulating characteristics of forced-ventilated roofs in winter. A. B. Kuzanov, I. A. Soldatov, Strol. i. i. arkh. i. i. 6 no. 10:18-20 O '65.

IM25 insulating machine. O. P. Egozov. Stroif. truboprov. 10 no. 10:29 O '65.

Metal coatings for heat insulation. A. Frolov. Strol. i. i. arkh. i. i. 6 no. 3:18-19 Mr '65.

INSULIN

Effect of the stimulation of adrenal chemoreceptors by various insulin concentrations on the content of sugar, adrenalinlike substances (Shw fractions) in the blood and on the insulin isolating function of the pancreas. R. M. Agamirova. Izv. AN Azerb. SSR Ser. biol. nauk no. 3:121-125 '65.

Insulin activity in the blood of healthy persons. I. A. Dzhevet'skaya, I. I. Morozova. Vop. med. khim. 11 no. 2:29-32 Mr Ap '65.

INSULIN—PHYSIOLOGICAL EFFECT

Content of adrenaline and noradrenaline in the adrenal glands in young rabbits developing normally and under the effect of insulin. E. M. Stalrovskii. Fiziol. zhur. 51 no. 7:807-813 '65.

Thyroid function and its sensitivity to insulin in diabetes. N. G. Khumarlan. Zhur. eksp. i. i. klin. med. 5 no. 1:38-45 '65.

INSULIN SHOCK

Insulin shock in mammals and birds. B. L. Baskovich. Zhur. evol. biokhim. i. i. 10 no. 5:166-170 5-O '65.

Mental disorders in hyperinsulinemia with spontaneous hypoglycemia syndrome. N. K. Sysoeva. Trudy Vor. med. inst. 51:167-171 '63.

INSURANCE—HANDBOOKS, MANUALS, ETC

[Insurance agent's manual] Spravochnik strakhovogo agenta. Avtor skil kollektiv pod rukovodstvom A. S. Gollkova [2., dop. i. i. uchennoe izd.] Moskva, Finansy, 1965. 121 p.

INSURANCE, LIFE

Padokh, A. Ioslav. [The Ukrainian National Association in the light of numbers] Ukraina byl narodnyi soluz v svitli chysel Jersey City, Nakhodni Ukr. narodnoho soluzu, 1960. 63 p. (U)

INSURANCE, SOCIAL

(see also subdivision under Kasumkent District; Krasnoyarsk)

Big holiday. Sots. obsep. 26 no. 11:1-3 N '65.

Let's extend the promotion of social insurance for workers. Sots. obsep. 26 no. 10:1-5 O '65.

Rules for the academic council. Sots. obsep. 26 no. 11:50 N '65.

Seventy years have passed... G. Shakhov. Sots. obsep. 26 no. 11:8-10 N '65.

INSURANCE, SOCIAL—AUDITING AND INSPECTION

From the practice of checkups. S. Rodnikov. Sots. obsep. 26 no. 10:10-11 O '65.

Inspection and conclusions. M. Vol'pin. Sots. obsep. 26 no. 11:25-28 N '65.

INSURANCE, SOCIAL—EMPLOYEES

(see also subdivision under Poltava) She gave 35 years of her life to social insurance. Sots. obsep. 26 no. 11:22 N '65.

INSURANCE, SOCIAL—PERIODICALS

Guarding the health and work of the laboring classes. K. S. Khromov. Sots. obsep. 26 no. 10:6-8 O '65.

INTAKES (HYDRAULIC ENGINEERING)

(see also subdivision under Chikchir River)

Anatol'skii, P. A., and L. V. Gal'perin. [Intakes for underground water, practices abroad in designing, constructing, and maintaining radial intakes] Vodozabor podzemnykh vod; zarubezhnyi opyt proektirovaniia, stroitel'stva i ekspluatatsii luchevykh vodozaborov. Moskva, Stroizdat, 1965. 117 p.

Forecasting temperature changes in underground waters in infiltration water intakes. F. M. Bochevov, A. E. Oradovskaya. Trudy VODGEO no. 8:87-84 '64.

Results of field observations of the bucket water intake of a large thermal-electric power plant. L. I. Makarov. Izv. VNIIG 76:257-270 '64.

INTEGRAL EQUATIONS

Approximate solution of singular integral equations by the method of mechanical quadratures. B. G. Gaidukhnev. Izv. vuz. ucheb. zav.; mat. no. 5:43-51 '65.

Formulas for calculating the disturbing potential and the components of the deflection of the vertical of the earth's surface. V. V. Brovar. Izv. vuz. ucheb. zav., geod. i. aerof. no. 2:97-104 '65.

Iterative method in nonnormalizable field theory. B. A. Abuzov, A. T. Filippov. Zhur. eksp. i. i. teor. fiz. 49 no. 3:900-900 5 '65.

Theory of systems of singular integral equations with a degenerate symbolic matrix. Part I. Z. Presdorf. Vest. LGU 20 no. 16:58-73 '65.

INTEGRAL EQUATIONS—BOUNDARY VALUE PROBLEMS

Cauchy problem for convolution type hyperbolic singular integral equations. V. G. Maz'ya, B. A. Plamenetskii. Vest. LGU 20 no. 10:161-163 '65.

Existence and uniqueness of the solution to Boltzmann's equation. B. V. Filippov, G. B. Plinskaya. Dokl. AN SSSR 164 no. 4:768-770 O '65.

Solution of a Dirichlet problem with a shift and some singular integral equations of the first order. G. N. Tykhachev. Sib. mat. zhur. 6 no. 1:900-017 Ji-Ag '65.

INTEGRALS

The Fourier-Gatcau integral. E. M. Polishchuk. Sib. mat. zhur. 6 no. 4 881-891 JI-Ag '65

Study of certain improper integrals containing Bessel's functions. S. T. Mal'ovich, I. N. Kozulin. Uch. zap. Kish. un. 75 18-20 '64.

INTEGRALS, GENERALIZED

Convergence to the limit under the sign of a Lebesgue integral. V. N. Alekshuk. Izv. vyzh. ucheb. zav., mat. no. 5 3-12 '65.

INTEGRATORS

Investigation of planned unsteady percolation on integrators. V. I. Aravin, T. D. Strel'tsova. Izv. VNIIG 76 157-167 '64.

INTEGRODIFFERENTIAL EQUATIONS

Existence of asymptotic parabolas in solutions to integrodifferential equations. I. U. A. Ved'. Sib. mat. zhur. 6 no. 5 958-971 S-O '65.

Some problems involving eigenvalues for integrodifferential equations containing a small parameter at the leading derivative. A. B. Vasil'eva, V. F. Butuzov. Dif. urav. 1 no. 9 1190-1203 S '65.

INTEGRODIFFERENTIAL EQUATIONS—BOUNDARY VALUE PROBLEMS

Some problems for singular integrodifferential equations containing a small parameter. K. L. Kvantallani. Soob. AN Cruz SSR 38 no. 3 519-525 S '65.

INTELLECTUAL LIFE

Korchmar'yk, E. B. [Kiev's spiritual and intellectual influences on Moscow in the era of the Ukrainian Hetman State] Dukhovi vplyvy Kyieva na Moskovshchynu v dobu Hetmans'koi Ukrainy. New York, Vyd. Naukovym i-vom im. Shevchenka, 1964 146 p. (Biblioteka ukrains'koy nauky, no. 14) (NN)

INTELLIGENCE SERVICE

(see also subdivision under Germany; United States) [Front without a front line] Front bez lini fronta. [Kutbyshév] Izd-vo Agentstva pechaty Novosti. [1965] 256 p.

INTERCONNECTED ELECTRIC UTILITY SYSTEMS

Abbreviated statement of an equation of optimum load distribution between electric power plants interconnected by a uniform electrical network. V. G. Zhuravlev. Elektrichestvo no. 9 82-83 S '65.

Dispatcher station of an interconnected electric power system. I. A. Abolov. Elek. sta. 36 no. 10 53-56 O '65.

INTEREST (PSYCHOLOGY)

Vodina, D. I. [Cultivating an interest for knowledge in adolescents] Vospitanie interesa k znananiyu u podrostkov. Moskva, Gos. uchebno-pedagog. izd-vo M-vn. prosveshcheniya RSFSR, 1963. 181 p. (CU)

INTERFEROMETER

Mikelson interferometer for measuring the refractive index of dielectrics in the 2 mm. band. E. A. Vinogradov, L. M. Dianov, N. A. Irisova. Radiotekh. i elektron. 10 no. 10 1804-1808 O '65.

INTERFERON

Characteristics of interferon formation in the animal organism. Z. V. Ermol'eva and others. Vop. virus. 10 no. 2 221-224 Mr-Apr '65.

Effect of interferon on the state of the RES cell line inoculated with the tick-borne encephalitis virus. L. S. Prilimagi and others. Vop. virus. 10 no. 2 225-226 Mr-Apr '65.

Effect of PPLO on the production of interferon by infected cells. F. I. Ershov, V. M. Zhdanov. Dokl. AN SSSR 184 no. 5 1165-1166 O '65.

Study of the conditions of inactivating APR8 influenza virus with ultraviolet rays for obtaining interferon. L. I. Il'ina. Mikrobiol. zhur. 27 no. 5 49-55 '65.

INTERIOR DECORATION

Interior of a model apartment. O. Bykovskii. Stroitel'stvo. Mosk. no. 5 21-23 '65.

INTERIOR ELECTRIC WIRING see Electric wiring, Interior

INTERMETALLIC COMPOUNDS

Anodic oxidation of some intermetallic compounds. A. I. Shtalov, L. D. Tsygankova, I. A. Ugn. Elektrokhimia 1 no. 9 1118-1123 S '65.

Preparation of thin films of intermetallic compounds using the cathode sputtering method. V. E. Urasova, L. N. Levykina, V. M. Efremenkova. Fiz. tver. tela 7 no. 9 2875-2877 S '65.

INTERNAL COMBUSTION ENGINES

New principle for ignition and combustion in engines. L. A. Gussak. Izv. AN SSSR, Energ. i transp. no. 4 98-110 JI-Ag '65.

Requirements of internal combustion engines for construction and road machinery. A. V. Zlatopol'skii, D. D. Baghirov. Stroitel'stvo mash. 10 no. 10 4-6 O '65.

INTERNAL COMBUSTION ENGINES—ABSTRACTS

[Internal combustion engines] Ref. zhur. i Dvig. vnutr. stroitel'stvo 9-10 S-O '65.

INTERNAL COMBUSTION ENGINES—CATALOGS

Khar'kovskii motorostroi'tel'nyi zavod "Serp i Molot." [Catalog of parts of the SMD-14 engine and its modifications] Katalog detalей dvigatelya SMD-14 i ego modifikatsii. Moskva, Mashinostroenie, 1965. 138 p.

INTERNAL COMBUSTION ENGINES—ELECTRONIC EQUIPMENT

Transistorized device for systems of direct fuel injection in internal combustion engines. A. A. Lashin, B. A. Glebov, V. I. Golikov. Trudy MEI 55 81-90 '65.

INTERNAL COMBUSTION ENGINES—MAINTENANCE AND REPAIR

Rebuilding of the heads of internal combustion engines. N. E. Kutsenko. Energ. i transp. 13 no. 10 15-16 O '65.

INTERNAL COMBUSTION ENGINES—TESTING

Harmonic spectrum of the torque of carburetor engines. A. T. Bolgov, T. K. Gilyans, V. A. Fadlakin. Avt. prom. 31 no. 10 12-14 O '65.

Maikovskii, E. A., and V. I. Tikhonovich. [Radioactive testing of the wear of parts of internal combustion engines] Radioktivnyi kontol' iznosa detalей dvigatelya vnutrennego sgoraniya. Kiev, Tekhnika, 1965 74 p.

Using the method of spectrum analysis in evaluating the wear of an engine. S. K. Kiuregian, M. M. Marenova. Avt. prom. 31 no. 10 10-12 O '65.

INTERNAL COMBUSTION ENGINES—THERMAL PROPERTIES

Calculating the coefficient of active heat release of a carburetor engine. E. B. Ignat'ev. Avt. prom. 31 no. 10 7-9 O '65.

INTERNAL FIXATION IN FRACTURES

Anatomicotopographical characteristics of the ramus mandibularis to be considered in osteosynthesis by means of a metal nail. E. V. Gotko. Probl. chel.-lit. khim. no. 1 111-115 '65.

Compression osteosynthesis in fractures of the femoral neck. N. A. Serbiennikov. Ortop., travm. i protez. 26 no. 9 70-74 S '65.

Determination of the reliability of various methods of internal fixation in fractures of the upper end of the femoral bone in an experiment. B. I. Nikiforov. Ortop., travm. i protez. 26 no. 5 8-13 My '65.

INTERNAL FRICTION

Dislocation theory of internal friction. E. G. Shvidkovskii, S. M. Khazardzhian. Fiz. tver. tela 7 no. 9 2820-2825 S '65.

INTERNAL MEDICINE see Medicine, Internal

INTERNATIONAL BANK FOR ECONOMIC COOPERATION

International Bank for Economic Collaboration. V. P. Nushkin. Fin. SSSR 39 no. 10 22-24 O '65.

INTERNATIONAL ECONOMIC RELATIONS

Problems of the reproduction of the means of production in the developing countries and the crisis of the structure of world capitalist economy. I. U. Ol'sevich. Mir. ekon. i mezhdunar. otn. no. 11 73-87 '65.

INTERNATIONAL OFFENSES

International offenses and international responsibility. L. N. Galenskaya. Izv. vyzh. ucheb. zav.; prav. 9 no. 1 168-171 '65.

INTERNATIONAL RELATIONS

A new era in international relations. D. Mel'nikov. Mir. ekon. i mezhdunar. otn. no. 11 3-13 '65.

INTERNATIONAL RELATIONS—BIBLIOGRAPHY see Bibliography—International relations

INTERPOLATION

Interpolation of linear operators in symmetrical spaces. E. M. Semenov. Dokl. AN SSSR 184 no. 4 746-749 O '65.

INTERSTELLAR GASES see Gases, Interstellar

INTERSTELLAR MATTER

Complex refractive index for particles of the interstellar medium. G. M. Alivizian. Astron. zhur. 42 no. 5 986-991 S-O '65.

The gas-dust ratio in the direction of the nebula NGC 6618 (Omega). I. V. Gonchinskii. Astron. zhur. 42 no. 5 929-931 S-O '65.

Propagation of shock and ionization fronts in a gas-dust medium. Part I. E. I. Gidalevich. Astron. zhur. 42 no. 5 932-938 S-O '65.

INTERVERTEBRAL DISK—DISEASES

Clinical and radiological correlations in the degenerative myelopathy. D. R. Shul'man and others. Trudy 1-go MMI 38 235-246 '65.

Differential diagnosis of degenerative lesions of the lumbar intervertebral disks. A. L. Asa. Vop. neirokhim. 1 no. 4 40-41 '64.

INTERVERTEBRAL DISK—HERNIA

Histopathology of hernias of the lumbar disks. A. G. Grushina. Trudy 1-go MMI 38 277-280 '65.

Latent hernias of the intervertebral disks. B. L. Dubnov. Vop. neirokhim. no. 5 51-52 '64.

Medical expertise of the capacity for work and rehabilitation of persons following surgery for hernia of an intervertebral disk and hypertrophy of the ligamentum flavum of the lumbar region. G. B. Lukachev, A. J. Lukachev, E. A. Zhimodova. Sov. med. 73 no. 3 101-104 M '65.

Protrusion of thoracic intervertebral disks. I. M. Lashin, D. R. Shul'man. Trudy 1-go MMI 38 128-130 '65.

Rheovisography as a method of control in the treatment of persons following surgery for hernia of an intervertebral disk and hypertrophy of the ligamentum flavum of the lumbar region. P. V. Lashin. Trudy 1-go MMI 38 201-203 '65.

Surgical treatment of protrusions and prolapses of the intervertebral disks in the lumbar region. I. V. Makarov. Trudy 1-go MMI 38 312-315 '65.

Use of diadynamic currents in the pain syndrome following surgery for hernia of the lumbar disks. P. V. Lashin. Trudy 1-go MMI 38 354-355 '65.

INTERVERTEBRAL DISK—RADIOGRAPHY

Contrast methods of examination in the clinical diagnosis of degenerative processes in the intervertebral disks. A. I. Arutunov, M. K. Brodman. Vop. neirokhim. no. 5 44-50 '64.

INTESTINAL AND PARASITIC WORMS see Worms, Intestinal and parasitic

INTESTINAL FISTULA see Fistula, Intestinal

INTESTINES

Level of the closing of the air of the anterior-lateral body reflex. I. U. M. Galipov, I. G. Mikhomirov. Mikrobiol. i med. 60 no. 9 30-34 S '65.

INTESTINES—CANCER

Causes of late diagnosis of cancer of the large intestine. L. P. Bukhin. Nauch. trudy Riaz. med. inst. 11 113-117 '60.

Immediate and late results of operative treatment of cancer of the large intestine and the rectum. L. P. Bukhin. Nauch. trudy Riaz. med. inst. 11 118-121 '60.

INTESTINES—DISEASES

Effect of mineral water from Natolia spring on the secretory function of the stomach, bile secretion and motility of the intestine. I. A. Tarantova and others. Nauch. rab. v. uch. zap. uch. i nauch. spetsial'nykh uch. zaved. 84-86 '61.

Means and prospects of studying nonspecific acute intestinal diseases. I. M. Novgorodskaya. Trudy i nauch. zap. i mikrobiol. 24 299-301 '64.

Morphology of ulcerative diseases of the large intestine in conditionally pathogenic infections in children. I. N. Mironchik. Arkh. pat. no. 10 13-24 '64.

Use of an accelerated method in laboratory diagnosis of colicenteritis. R. G. Salnikova. Lab. delo no. 10 604-605 '65.

INTESTINES—INNERVATION

Complication of afferent innervation of the distal intestinal segment in the phylogeny of vertebrates. I. V. Bul'ygin, K. F. Zorina-Tsirkina. Zhurnal mikrobiol. i fiziol. 1 no. 5 126-134 S-O '65.

INTESTINES—MICROBIOLOGY

Combined hemolytic action of Proteus hemolyticus and some representatives of the microflora of the intestine. T. M. Iakymenko, M. H. Kobzeva. Mikrobiol. i med. no. 5 63-67 '65.

Means and prospects of studying nonspecific acute intestinal diseases. I. M. Novgorodskaya. Trudy i nauch. zap. i mikrobiol. 24 299-304 '64.

Role of intestinal endogenous bacteria in the microbiological control of injurious insects. V. I. Pristav. Mikrobiologiya 34 no. 5 825-828 S-O '65.

INTESTINES—SURGERY

Comparative evaluation of suturing apparatuses for the formation of esophagojejunal anastomoses. N. A. Sviridov. Vop. onk. 11 no. 10 85-89 '65.

Immediate and late results of operative treatment of cancer of the large intestine and the rectum. L. P. Bukhin. Nauch. trudy Riaz. med. inst. 11 118-121 '60.

INTESTINES—TUMORS

Polype of the large intestine. A. K. Lukinykh. Nauch. trudy Riaz. med. inst. 11 182-185 '60.

INTRACRANIAL INJECTIONS see Injections, Intra-cranial

INTRACRANIAL ANEURYSMS

Clinical aspects and diagnosis of aneurysms of the middle cerebral artery. A. S. Kuznetsova, B. M. Nikiforov, Zhur. nerv. i psikh. 65 no. 10 1441-1446 '65.
Subarachnoid hemorrhages as a result of the rupture of an aneurysm of the vessels of the base of the brain in hypertension and endocarditis. Z. I. A. Litskaya. Sborn. nauch. trud. TashGMI 22:72-82 '62.
Transient disorders in the clinical course of vascular aneurysms of the basis cerebri. L. B. Litvak, G. S. Zerkovich. Zhur. nerv. i psikh. 65 no. 10 1133-1140 '65.

INTRACRANIAL PRESSURE

Dynamics of brainstem and general brain symptoms of occlusive origin during prolonged drainage of cerebral ventricles in children. M. I. A. Motsonia, V. N. Petrovskii, no. 1 56-57 '65.

INTRATRACHEAL ANESTHESIA

Endotracheal anesthesia in clinical neurosurgical practice. A. A. Vashantsev, A. I. Kirovskikh, Vop. neurokhir. no. 1 50-51 '65.

INTRAVENOUS INJECTIONS see Injections, Intravenous

INVARIANTS

Third All-Union Conference on the Invariance Theory and Its Application to Automatic Control Systems. Avtomatika 10 no. 4 93 '65.

INVENTORIES

Analysis of stocks of materials in industry. P. Sheln, Bukhg. uch. 22 no. 9:20-26 '65.

INVERTEBRATES see subdivision under Aral Sea

INVESTMENTS see subdivision under France

INVESTMENTS, AMERICAN see subdivision under Europe, Western

INVESTMENTS, FOREIGN see subdivision under Ukraine

IODIDES

Interaction of nitro compounds with some iodides. A. B. Tronov, Zhur. obshch. khim. 35 no. 9:1545-1548 '65.
Mechanism of the catalysis by vanadium compounds of the oxidation reaction of iodide by bromate. K. B. Iatshtinskii, V. E. Kalitina, Izv. vys. uch. zaved. khim. i khim. tekhn. 8 no. 3:378-384 '65.
Resistance of anodic iodine films. A. I. A. Gokhshtein, Elektrikhimia 1 no. 9:1052-1057 '65.

IODINE

Iodine containing acylidimethylene triamides of phosphoric acid. L. D. Protchenko, L. A. Neglevich, Zhur. obshch. khim. 35 no. 9:1564-1566 '65.
Study of the intermolecular interaction of pyridine with iodine by means of infrared absorption spectroscopy. A. V. Cherkunov, P. A. Buzhulin, Teoret. i eksper. khim. 1 no. 4:535-540 '65.

IODINE—ANALYSIS

Determination of iodine bound with blood proteins. G. S. Serepov, Lnb. delo no. 10:594-599 '65.

IODINE—PHYSIOLOGICAL EFFECT

Use of copper and iodine salts in animal husbandry in Kirghizia. R. N. Odyntseva, Vop. intens. sel'khoz. Kir. no. 1:71-65 '64.

IODINE—TOXICOLOGY

Chemical composition of the vegetative forms and spore of *Bacillus anthracis* subjected to the action of a hydrochloric acid solution of iodine monochloride, solution of iodine and calcium hypochlorite. G. M. Bosh'lan, Trudy VNIIVS 24:178-183 '64.

IODINE CHLORIDES—TOXICOLOGY

Changes produced in the cells of *Bacillus anthracis* and *Escherichia coli* under the action of a hydrochloric acid solution of iodine monochloride (preparation no. 74). G. M. Bosh'lan, V. V. Kostin, Trudy VNIIVS 24:145-151 '64.

Chemical composition of the vegetative forms and spore of *Bacillus anthracis* subjected to the action of a hydrochloric acid solution of iodine monochloride, solution of iodine and calcium hypochlorite. G. M. Bosh'lan, Trudy VNIIVS 24:178-183 '64.

Respiration level of a vegetative bacillus culture of *Bacillus anthracis* before and after treatment with preparation no. 74. Report no. 1. G. M. Bosh'lan, G. N. Malgova, Trudy VNIIVS 24:182-178 '64.

IODINE COMPOUNDS—SPECTRA

Study of the molecular complexes of magnesium phthalocyanine and other phthalocyanines with iodine by the electron paramagnetic resonance method. E. G. Sharofan and others, Teoret. i eksper. khim. 1 no. 4:519-524 '65.

IODINE FLUORIDES

Formation of fluorine-containing xenon compounds during the β -decay of ^{131}I in iodine pentafluoride. A. N. Murin and others, Radiokhimiia 7 no. 5:629-630 '65.

IODINE ISOTOPES

Clinical use of ^{131}I -labeled cardiostat for separate functional examination of the kidneys. N. N. Khodarev, A. A. Kamenov, Med. rad. 10 no. 9 13-16 '65.
Excretion of ^{131}I by the salivary glands in some diseases of the gastrointestinal tract. L. D. Lindenberg, L. A. Iudin, Med. rad. 10 no. 9:20-23 '65.
Isotopes of short-living iodine isotopes. M. A. L'vova, V. V. Bochkarev, Med. rad. 10 no. 9:60-61 '65.
Isotope cinematography using ^{131}I -labeled hippuran and ^{131}I -labeled cardiostat in urolithiasis. V. Kh. Gienkel', M. V. Kiroshka, Med. rad. 10 no. 9:30-42 '65.
Use of lead collimator for the examination of the permeability of skin lymphatic capillaries by means of ^{131}I -labeled albumin. V. N. Likhonosov, Med. rad. 10 no. 9:83-81 '65.

IODINE ISOTOPES—DECAY

Formation of fluorine-containing xenon compounds during the β -decay of ^{131}I in iodine pentafluoride. A. N. Murin and others, Radiokhimiia 7 no. 5:629-630 '65.
Formation of oxygen compounds of xenon during the β -decay of ^{131}I in potassium periodate. A. N. Murin and others, Radiokhimiia 7 no. 5:631-632 '65.

IODINE IN THE BODY

Relation between the proteolytic activity of the thyroid gland and the hormone iodine content in the blood. R. M. Usmanova, Uzb. biol. zhur. 9 no. 1:12-10 '65.

ION EXCHANGE

Akademiia nauk SSSR. Institut fizicheskoi khimii.

[Studies of the properties of ion-exchange materials] Issledovaniia svoistv ionobmennyykh materialov. Moskva, Nauka, 1964. 230 p.

(NIC)

Anion-exchange study of gallium behavior in hydrochloric alcohol solutions. L. G. Shishkova, I. P. Altmanin, E. P. Tsintsevich, Vest. Mosk. un. Ser. 2: Khim. 20 no. 4:76-77. Ji-Ag '65.

Effect of inorganic additions on carbon oxidation processes. E. N. Tullakov, I. A. Kurin, T. G. Plachenov, Izv. vys. uch. zaved. khim. i khim. tekhn. 8 no. 3:416-420 '65.

Effect of ultrasonic waves on the ion exchange recovery of thallium and the stability of ionites. A. I. Mokryshev and others, Trudy Inst. met. i obog. AN Kazakh. SSR 12:95-101 '65.

Ion exchange method for obtaining galanthamine from plant raw material. A. Inaganov, N. U. Iltazov, Izv. vys. uch. zaved. khim. i khim. tekhn. 8 no. 3:405-407 '65.

Ion exchange of weak organic electrolytes. G. L. Sarobinets, I. F. Gleim, Zhur. fiz. khim. 38 no. 9:2188-2192 '65.

Solving the problem of ion-exchange dynamics in the case of the filtration of a solution containing two cations through a cation exchanger of a mixed form. M. S. Safonov, Zhur. fiz. khim. 38 no. 9:2306-2310 '65.

Study of ion exchange properties of X-type zeolites. A. M. Tolmachev, V. A. Fedorov, Zhur. fiz. khim. 38 no. 9:2259-2264 '65.

ION EXCHANGE—THERMODYNAMICS

Thermodynamics of ion exchange in isopiestic solutions. A. N. Kirgintsev, E. D. Abramovich, Dokl. AN SSSR 165 no. 1:140-143 '65.

ION EXCHANGERS

Hydrolysis of diesters of dicarboxylic acids on the KU-2 cation exchanger. L. M. Goldenshtein, G. N. Freidlin, Zhur. prikl. khim. 38 no. 9:1345-1348 '65.

Separation of tungsten and molybdenum in fluoride-containing solutions by means of the AV-17, EDE-IOP, and AN-2F anion exchangers. V. S. Pakholkov, V. D. Ol'khin, Zhur. prikl. khim. 38 no. 9:1235-1239 '65.

Some characteristics of molecular sorption on ion exchangers. H. L. Starobinets, O. F. Kharevich, Dokl. AN BSSR 8 no. 8:514-519 '65.

Sorption of molybdenum from H_2SO_4 - HF solutions by AV-17 and EDE-IOP anion exchangers. V. S. Pakholkov, V. D. Ol'khin, Zhur. prikl. khim. 38 no. 6:1392-1394 '65.

IONIC CRYSTALS

Nature of the rate limiting step in thermal and photochemical decomposition of ionic crystals. V. V. Boldyrev, A. A. Medvedev, Khim. i kat. 6 no. 3:550-553. My-Je '65.

IONIZATION

Basically of phosphines and the electronic properties of some organophosphorus groups. A. I. Bokanov, B. A. Korolev, B. I. Stepanov, Zhur. obshch. khim. 35 no. 10:1878-1880 '65.

Detection of a quick photoionization halo and a cloud of concentrated long-lived ionization from a shock wave produced by a spark in a laser beam. G. A. Askar'yan, and others, Pis'ma v red. Zhur. eksp. i teoret. fiz. 1 no. 6:18-23. Je '65.

Effect of J12 evaporation on the cross-section of ion-molecular reaction $\text{H}_2^+ + \text{H}_2 \rightarrow \text{H}_3^+$. N. N. Tundakli, G. E. Spenkova, Khim. i kat. 6 no. 3:553. My-Je '65.

Ionization of xenon atoms by the electric field of radiation from a ruby laser. G. S. Volonov, N. B. Delone, Pis'ma v red. Zhur. eksp. i teoret. fiz. 1 no. 2:42-45. Ap '65.

Relationship between the potentials of the ionization of elements and the concentration necessary for the formation of their own minerals. N. A. Solodov, Dokl. AN SSSR 165 no. 1:190-191 '65.

Self-acceleration of ionizing particles in the electric field of a polarized ionization trail. G. A. Askar'yan, Pis'ma v red. Zhur. eksp. i teoret. fiz. 2 no. 4:170-182. Ag '65.

Study of the macrokinetic characteristics of propane turbulent flames based on ionization current. A. S. Sokoluk, E. S. Semenov, Zhur. fiz. khim. 38 no. 9:2202-2207 '65.

Theory of thermal-field ionization of impurity centers. A. G. Cheban, P. K. Katana, Fiz. tver. tela 7 no. 9:2735-2738 '65.

IONIZATION OF GASES

Bolemetric measurements of the ionization from argon ionized by a shock wave. I. M. Redkovaly, V. I. Fedulov, Zhur. tekhn. fiz. 35 no. 9:1652-1657 '65.

Conductance of a thermally ionized aerosol. E. Z. Melnikov, Koll. zhur. 27 no. 5:728-730. S-O '65.

Surface ionization of LiCl on phenyl. N. D. Protekha, Zhur. tekhn. fiz. 35 no. 9:1658-1661 '65.

IONIZED AIR see Air, Ionized

IONOSPHERE

Geographic distribution of auroral-type absorption according to data of vertical sounding of the ionosphere. A. S. Besprozvannaya, Probl. Arkt. i Antark. no. 20: 68-74 '65.

IONOSPHERIC RADIO WAVE PROPAGATION—CONGRESSES

International colloquium on the microstructure of the atmosphere and the effect of turbulence on the propagation of radio waves. Izv. AN SSSR Fiz. atm. i okeana 1 no. 10:1103-1113 '65.

IONS

Force formation in the disintegration of solid solutions of divalent ions in sodium chloride. M. L. Abaev, M. I. Kornfeld, Fiz. tver. tela 7 no. 9:2809-2815 '65.

Pseudopotential methods for ion cores in metals. V. K. Nikulin, Fiz. tver. tela 7 no. 9:2708-2711 '65.

Relation between the electroconductivity and state of V^{4+} ions in V_2O_5 crystals. L. V. Dmitrieva, V. A. Lofe, I. B. Patrino, Fiz. tver. tela 7 no. 9:2754-2758 '65.

IONS—MIGRATION AND VELOCITY

Intrinsic ion conduction of polycrystalline aluminum oxide. I. N. Buznikov, Radiotekhn. i elektron. 10 no. 10:1915 '65.

IONS—SCATTERING

Deep stripping and scattering of Kr^+ ions in single collisions with Ne , Ar , Kr , and Xe atoms. I. L. Fivovarov, M. T. Novikov, A. S. Dolgov, Zhur. eksp. i teoret. fiz. 40 no. 3:734-742 '65.

IOSIF, Saint, Superior of Volotsk, c-a 1440-1515

Saint Iosif Volotski. Zhur. Mosk. Patr. no. 9:65-74 '65.

IOSIF'IAN, ANDRONIK GEVONDOVICH, 1905-

Professor A. G. Iosif'ian on his 40th birthday. G. V. Aleksenko and others, Elektrichestvo no. 9:68 '65.

IRAN—HISTORY

"The history of Persia" by Ctesias and the Central Asian satrapes of the Achaemenids of the end of the 5th century B. C. P. Iankov, Vest. drev. ist. no. 2:35-50 '65.

IRAQ—HISTORY

Plasun, I. A. H. [State and political organization of the Iraq Republic, 1958-1963] Derzhavno-politichnyi iad Iraka 'kol Respubliky, 1958-1963 rr. Kyiv, Naukova dumka, 1964. 143 p.

(MH)

IRAQ—POLITICS AND GOVERNMENT

Plasun, I. A. H. [State and political organization of the Iraq Republic, 1958-1963] Derzhavno-politichnyi iad Iraka 'kol Respubliky, 1958-1963 rr. Kyiv, Naukova dumka, 1964. 143 p.

(MH)

IRELYAKH RIVER—DAMS

Dam on the Irel'yakh River built on permafrost noncohesive soils. N. G. Semenov, Trudy Leningradskoi nauch. i inzh. 114 '64.

IRKUTSK--FEED MILLS

Feeding in the production of small-diameter granules of DP-100. P. Baulius. *Mikroelektronika* 31 no. 11-12 p. 563

IRKUTSK BASIN--COAL MINES AND MINING

Role of the coal resources of the Irkutsk Basin in the development of the large areas of central Siberia. M. G. Zonova. *Dokl. Inst. geog. Sib. i Dal'. Vost.* no. 6 67-71 '64

IRKUTSK PROVINCE--ECONOMIC GEOGRAPHY

Regional economic-geographical studies in the southern areas of Eastern Siberia and basic trends in their further development. V. P. Shvachkin. *Dokl. Inst. geog. Sib. i Dal'. Vost.* no. 6 72-76 '64

IRKUTSK PROVINCE--ENGINEERING GEOLOGY

Pastor, O. V., G. P. Vologodskii, and T. N. Leshchilov. [Engineering-geological characteristics of the Angara industrial area and their importance in building, tectonics, karst and seasonal freezing of ground] *Inzhenerno-geologicheskie osobennosti Pringaiskogo promyshlennogo i dona i ikh znachenie dlia stroitel'stva, razryvnaia tekhnika, karst i sezonnaya merzlotla*, Moskva, Nauka, 1965, 145 p.

IRKUTSK PROVINCE--WATER CONSERVATION

Problems in efficient utilization and conservation of the water resources of rivers in Irkutsk Province. G. V. Babinin, L. V. Popov. *Dokl. Inst. geog. Sib. i Dal'. Vost.* no. 6 29-38 '64

IRKUTSK PROVINCE--WATER RESOURCES DEVELOPMENT

Problems in efficient utilization and conservation of the water resources of rivers in Irkutsk Province. G. V. Babinin, L. V. Popov. *Dokl. Inst. geog. Sib. i Dal'. Vost.* no. 6 29-38 '64

IRKUTSK PROVINCE--WORLD WAR, 1939-1945--ECONOMIC ASPECTS

[Patriotism of the workers in Irkutsk Province during the years of the Great Patriotic War, 1941-1945, a collection of documents and materials for the 20th anniversary of the great victory] *Patriotizm trudiaschikhsia Irkutskoi oblasti v gody Velikoi Otechestvennoi volny (1941-1945 gg.)*, sbornik dokumentov i materialov k dvadtsatiletiu velikoi pobedy [Irkutsk] Vostochno-Sib. skoe knizhnoe izd-vo, 1965 390 p.

IRON

Iron absorption by viscose pulp at the various stages of its production. Z. N. Naumova, I. A. Nagrodskii. *Bum. prom.* no. 1-7 S '65

IRON--ANALYSIS

Iron content in canned food and its effect on taste. A. I. Barmish, V. P. Borik. *Izv. vuz. ucheb. zav.* pishch. tekhn. no. 3 56-58 '65
Microanalytical titrimetric determination of iron in ferrous products. V. S. Alekseevich, V. M. Chelchikov, E. N. Babinovich. *Izv. vuz. ucheb. zav.* pishch. tekhn. no. 3 200-202 '65

IRON--CORROSION

Effect of the sulfur-containing compounds on iron corrosion in acid solutions. Z. A. Iofa, E. N. Ngok-Ba, M. K. Vasileva. *Zhur. fiz. khim.* 39 no. 9 2102-2107 S '65

IRON--EFFECT ON PLANTS see Plants, Effect of iron on

IRON--ELECTROMETALLURGY

Electrolytic preparation of iron from high-iron chloride solutions. A. L. Iofa, S. A. Butyrskova, A. D. Ablanov. *Trudy Inst. met. i obog. AN Kazakh. SSR* 14:48-52 '65

IRON--METALLURGY

Behavior of arsenic, indium, and germanium during the reduction of trivalent iron by metallic iron in the presence of copper ions. E. I. Ponomareva, E. G. Sytychevskaya, E. L. Shalagina. *Trudy Inst. met. i obog. AN Kazakh. SSR* 12 87-90 '65

IRON ALLOYS

Substituting nonferrous metal alloys by ferrous metals. *Trudy Giprotvetmetobrabotka* no. 23:119-135 '65
Using aluminum chips instead of powder in producing ferrous alloys. D. Z. Kluksin, P. P. Kazakov, I. V. Lugovtsev. *Bul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 18 no. 9-6-7 S '65

IRON ALLOYS--MAGNETIC PROPERTIES

Preparing high-purity iron and making alloys on its base. V. G. Teplenko and others. *Sbor. trud. TSNICHM* no. 43 169-172 '65

IRON-ALUMINUM ALLOYS

Effect of small amounts of a third component on the properties of FeAl. V. A. Troshkina, L. A. Kuchurenko, K. G. Khomakov. *Vest. Mosk. un. Ser. 2: Khim.* 20 no. 4 57-58 J1-Ag '65

IRON-ALUMINUM ALLOYS--ANALYSIS

Production methods and the properties of iron-aluminum alloys. M. D. Topuria, V. I. Kashin, A. M. Samarin. *Izv. AN SSSR, Met.* no. 5 121-124 S-O '65

IRON-ALUMINUM ALLOYS--ELECTROMETALLURGY

Production methods and the properties of iron-aluminum alloys. M. D. Topuria, V. I. Kashin, A. M. Samarin. *Izv. AN SSSR, Met.* no. 5 121-124 S-O '65

IRON AND STEEL PLANTS

(see also subdivision under Cherepovets, Vologda Province, Karaganda, Petropavlovsk, Sverdlovsk Province, Ukraine)

Operation of the marut department of the Cherepovets Metallurgical Plant. N. A. Kuz'minov. *Prom. energ.* 20 no. 10 11-15 O '65

IRON AND STEEL PLANTS--DESIGN AND CONSTRUCTION

Organizing a department for the preparation of rolled sheet metal in a block of plants producing welded structures. N. I. Ryzhkov. *Svar. proizv.* no. 10, 19-21 O '65

IRON AND STEEL PLANTS--EQUIPMENT AND SUPPLIES

(see subdivision under Makeyevka (Donetsk Province))

IRON AND STEEL WORKERS see subdivision under Bulgaria

IRON CATALYSIS

Poisoning effect of benzene on an iron catalyst obtained by thermal decomposition of amalgams. A. E. Agonov, A. P. Mikhchenko. *Vest. Mosk. un. Ser. 2: Khim.* 20 no. 4 31-38 J1-Ag '65

IRON CHLORIDES

Kinetics of dissolution of germanium single crystals in hydrochloric solution of ferric chloride. N. N. Stremelova, I. P. Sorokin, G. M. Orlova. *Zhur. obshch. khim.* 35 no. 4 1512-1517 S '65

IRON COMPOUNDS

Synthesis and properties of γ -allylcarbonyl complexes of iron. A. N. Nesmejanov, I. I. Krivokala, E. I. Fedin. *Dokl. AN SSSR* 164 no. 5 1058-1061 O '65

IRON-COPPER-CHROMIUM ALLOYS

Microscopic division of the carbide phases in Fe-C-Cr alloys. I. U. N. Tuman, V. M. Suvagovskii, I. L. Lev. *Zav. lab.* '51 no. 9 1111-1112 '65

IRON FOUNDRY

Feeding castings with high-strength iron. A. I. A. Khrapov, V. I. Bedarev, B. M. Bazhenov. *Lit. proizv.* no. 9-40 S '64

Inoculation of cupola cast iron with rare-earth metal alloys. P. I. Sorokin and others. *Lit. proizv.* no. 9 27-31 S '64

Nature of the formation and ways of preventing rejects of cast iron shot. V. L. Anagorodskii, I. L. Potov, no. 8-7-8 Ag '64

Salination of low-silicon cast iron with sulfur. V. M. Volkov. *Lit. proizv.* no. 8-40 Ag '64

Selection of pig iron in making castings with spheroidal graphite. P. P. Lazan. *Lit. proizv.* no. 9-8-10 S '64

IRON FOUNDRY--EQUIPMENT AND SUPPLIES

Ceramic metal molds for cast iron. G. G. Ianchenko. *Lit. proizv.* no. 9-31 S '65

Design of equipment for the direct electric heating of a stream of liquid cast iron. I. N. Tavalov, L. M. Martenbakh, M. D. Lanchava. *Lit. proizv.* no. 10 18 S '65

IRON FOUNDRY--QUALITY CONTROL

Quality of cast iron pipe for water pipelines. V. G. Ivanov, B. D. Khakhalin. *Met. i gornorud. prom.* no. 4 47-49 J1-Ag '65

IRON FOUNDRY--TESTING

Casting and stand testing of cerium cast iron crankshafts. I. P. Mikhalev, V. V. Zvolinskaya, P. D. Kurochkin. *Lit. proizv.* no. 9-40-41 S '64

IRON HYDROXIDES

Behavior of iron hydroxide in an alkali medium during autoclave treatment. L. P. Ni and others. *Trudy Inst. met. i obog. AN Kazakh. SSR* 12 9-16 '65

Interaction of iron hydroxide with high-ratio aluminate solutions in presence of calcium oxide at 90°C. T. V. Solenko, L. P. Ni. *Trudy Inst. met. i obog. AN Kazakh. SSR* 12 3-8 '65

IRON INDUSTRY--FINANCE

Malzel's, D. L. [Organization, planning and financing of capital construction in the ferrous metal industry] *Organizatsiia, planirovanie i finansirovanie kapital'nogo stroitel'stva v chernoi metallurgii*. Izd. 2., perev. Moskva, Metallurgizdat, 1965, 325 p.

IRON METABOLISM

Copper and iron metabolism in anemia in guinea pigs. I. G. Priev. *Vopr. med. khim.* 11 no. 1 66-70 J1-Ag '64

IRON MINES AND MINING

(see also subdivision under Kursk Magnetic Anomaly; Sokolovka-Sibay region, Kazakhstan)
Parameters of mining systems with caving of deep-level superposed rocks. L. D. Ryskin, V. I. Palatnikov, I. R. Matvishin. *Gor. zhur.* no. 8 15-21 Ag '65
Use and service life of rock drill. P. S. Khudakov. *Gor. zhur.* no. 9-31-33 Ag '65

IRON MINES AND MINING--COSTS

Influence of a yearly increase in depth on the cost of a ton of iron ore. A. D. Annenkov. *Gor. zhur.* no. 8 9-11 Ag '65

Influence of the rate of completed workings on the economic efficiency of a mining system. V. V. Osinnikov, A. I. Rudenko. *Gor. zhur.* no. 9-7-9 Ag '65

IRON MINES AND MINING--ECONOMIC ASPECTS see subdivision under Krivoy Rog Basin

IRON MINES AND MINING--EQUIPMENT AND SUPPLIES see subdivision under Krivoy Rog Basin

IRON MINES AND MINING--SAFETY MEASURES

Results of technological improvements of ore extraction. G. M. Babitskiy, V. M. Kukinov. *Bezop. i zdrav. prom.* 9 no. 9 24-27 S '65

Using engineering methods for solving safety problems in mining. V. S. Orlov. *Bezop. i zdrav. prom.* 9 no. 8 30-31 Ag '65

IRON-NICKEL ALLOYS--HARDENING

Increasing the heat resistance of an iron-nickel alloy by precipitation hardening. M. G. Gaidukov, S. A. Mityashov, V. A. Pavlov. *Izv. AN SSSR, Met.* no. 5 1071-1072 S-O '65

IRON-NICKEL ALLOYS--TESTING

Nature of the high plasticity of austenite alloying alloys. M. D. Perkin. *Metallurg. i tsvet. metall. no. 9 24-27 S '65*

IRON ORES

(see also subdivision under Ural Mountains, Zaporozh'ye Province)

Development of iron ore dressing in the U.S.S.R. V. I. Brand, V. G. Dorbach, R. B. Shaplov. *Trudy Mekh. i gorn. no. 13:15-15 '63*

A technical conference on the conditions and prospects of iron and manganese ore dressing and the problem of concentrates. V. A. Ponomarev. *Met. i gornorud. prom.* no. 4 111-112 J1-Ag '65

IRON ORES--ANALYSIS see subdivision under Anatolia Valley

IRON OXIDES

Sulfidation of iron oxides by sulfur dioxide in the presence of carbon. V. V. Ivinskoykh, T. G. Mal'nevskaya. *Zhur. prikl. khim.* 38 no. 6 1109-1106 J1-Ag '65

IRON PLATING

New techniques in conditioning parts undergoing hard electrolytic iron (Fe) electrodeposition. V. A. Shchepin. *Mashinostroitel.* no. 10, 9-10 O '65

IRON SALTS

Effect of the admixture of iron salts on the processes of photolysis and nitrolysis of hydroxy acids. T. B. Mikhlin, V. A. Kalibabekov, V. P. Suvagovskii. *Zhur. obshch. khim.* 35 no. 9 1630-1634 S '65

IRON-SILICON ALLOYS--THERMODYNAMICS

Thermodynamic properties of iron-silicon alloys. B. A. Vecher, V. A. Gaidukov, I. A. I. Gorasimov. *Dokl. AN SSSR* 164 no. 4 836-838 O '65

IRON-TITANIUM ALLOYS see Titanium-iron alloys

IRON-ZINC ALLOYS--ELECTROMETALLURGY

Microscopic and thermographic investigation of iron-zinc electrolytic deposits. L. S. Dukhankina, V. P. Ponomarev, S. V. Akhmetov. *Trudy Inst. met. i obog. AN Kazakh. SSR* 14:60-75 '65

IRON-ZINC ALLOYS--METALLOGRAPHY

Microscopic and thermographic investigation of iron-zinc electrolytic deposits. L. S. Dukhankina, V. P. Ponomarev, S. V. Akhmetov. *Trudy Inst. met. i obog. AN Kazakh. SSR* 14:60-75 '65

IRONWORKS see Iron and steel plants

IRREVERSIBLE PROCESSES--THERMODYNAMICS

Thermodynamic theory of the lanthanide effect. P. I. Iuvilov, P. V. Volobuev. *Zhur. tekhn. fiz.* 35 no. 9 1018-1021 S '65

IRRIGATION

(see also subdivision under Bulgaria)

Determining optimum irrigation systems and rated supply status when using nonregulated sources. O. G. Solomonova. *Sob. AN Gruz. SSR* 39 no. 1:115-122 31 '65.

Development of basin irrigation in the R. S. S. R. and Kazakhstan. M. N. Ostrovskaya. *Gid. i mel.* 17 no. 9: 20-31 Ag '65.

Dynamics of nitrates in deep Chernozems under irrigation. S. M. Gurevich, N. K. Boronin. *Agrokhimia* no. 8:32-42 Ag '65.

Machine and meadow stations as a decisive factor in the improvement of meadows and pastures. P. S. Chikov. *Gid. i mel.* 17 no. 8:44-48 Ag '65.

[Manual for irrigation engineers] *Spravochnik gidrotekhniki-irrigatora*. Tashkent, Uzbekistan, Pl. 2, 1964 328 p.

Simplest device for starting irrigation siphons. I. A. Dzalevich. *Gid. i mel.* 17 no. 8:40-50 Ag '65.

IRRIGATION CANALS AND FLUMES

(see also subdivision under Golodnaya Steppe, Khorezm Province; Moldavia, Soviet Central Asia)

Uglichus, A. A. [Hydraulic, engineering, and economic calculations of canals] *Gidravlicheskie i tekhniko-ekonomicheskie raschety kanalov*. Moskva, Stroiizdat, 1965, 273 p.

Use of plastics in irrigation engineering. A. Birkengof. *Sel. stroi.* 20 no. 0:17-19 S '65.

IRRIGATION FARMING

(see also subdivision under Karabakh Steppe; Kura Lowland)

Biological bases of irrigation farming. N. S. Potinov, V. D. Berdyshov. *Gid. i mel.* 17 no. 8:56-62 Ag '65.

Problems of land improvement in the U. S. S. R. S. S. Kabyshe. *Mat. i soob. Inst. okl. Inst. po izuch. SSSR* no. 55:56 00-09 '64.

IRRIGATION FARMING—ECONOMIC ASPECTS see subdivision under Crimea

IRRIGATION FARMING—EQUIPMENT AND SUPPLIES

Introduction of a new watering equipment in irrigation farming. M. P. Belikov, K. V. Guber. *Biol. tekhn. ekon. inform. Gos. nauch.-issl. Inst. mash. i tekhn. inform.* 18 no. 0:28-31 S '65.

IRTYSH VALLEY—AGRICULTURE

Agricultural significance of the flood-plain lands of the northern part of the Ob' and the Irtysh Valleys. N. P. Tlumetshev. *Probl. Sev.* no. 0:225-231 '65.

IRTYSH VALLEY—ZOOPLANKTON

Zooplankton in the floodplain bodies of water of the lower Ob' and lower Irtysh-Rivers and some characteristics of its development. A. A. Salozkin, E. P. Ustentseva. *Zool. zhur.* 11 no. 6:618-625 '65.

ISHIMBAY REGION (BASHKIRIA)—OIL WELL CASING

Experience of the Oil Well Administration of the Ishimbay Petroleum Trust in the recovery of casing from wells and trenches. R. Kh. Shakhov, A. G. Gaimov. *Nefteprom, delo* no. 6:14-17 '65.

ISHIMBAY REGION (BASHKIRIA)—OIL WELLS—ACIDIZATION

Conducting interval oriented hydrochloric acidization of wells using a jet apparatus. I. M. Bikhayev. *Nefteprom, delo* no. 6:14-17 '65.

ISOBUTYRIC ACID

α -Nitrosobenzylisobutyric acid. I. U. A. Cheburkov, N. M. Khamatullayev, I. L. Khamatullayev. *Dokl. AN SSSR* 165 no. 1:127-129 N '65.

ISOCYANATES

Conducting nonaqueous systems formed by nonconjugating components. A. L. Korsunskaya, S. P. Minkidzh'ian, A. A. Pastushenko. *Elektronikhimia* 1 no. 7:800-805 31 '65.

Diisocyanates and diisothiocyanates of alkylphosphonic acids. G. I. Derkach and others. *Zhur. ob. khim.* 36 no. 10:1681-1682 O '65.

Kinetics of the reaction between diisocyanates and nitro-substituted polyols. N. I. Solodova, L. M. Kozlov, V. I. Burnatirov. *Vysokom. soed.* 7 no. 0:1650-1654 S '65.

Role of the medium in the mechanism of reaction of isocyanates with alcohols. Part I. R. P. Tiger, S. G. Entelis. *Kin. i kat.* 6 no. 3:544-546 My-Je '65.

SOMERS

Isomer shift and the structure of metastable nuclear states. V. A. Belikov. *Zhur. eksp. i teor. fiz.* 49 no. 3: B32-B40 S '65.

SOMORPHISM (CRYSTALLOGRAPHY) see subdivision under Donets Basin

SONIAZID

Vitamin metabolism and excretion of 17-ketosteroids in cutaneous tuberculosis treated with tubazid. I. B. Volsky, P. A. Kruchnaya, E. I. Cherkasskaya. *Vest. dermat. ven.* no. 1:22-26 '65.

ISONICOTINAMIDE

Comparative study of the pharmacological properties of diamide and novocaine amide. V. M. Avakian, L. A. Manukian. *Zhur. eksp. i teor. fiz.* 49 no. 1:25-32 '65.

ISONICOTINIC ACID

Significance of acetylation and oxidation in the inactivation of preparative isonicotinic acid hydrazide. G. A. Smirnov. *Vop. med. khim.* 11 no. 1:59-58 Ja-Je '65.

ISOPERIMETRICAL PROBLEMS see Calculus of variations

ISOPRENE

Kinetics of hydrochlorination of natural and synthetic isoprene rubbers. I. U. G. Gorbachev and others. *Vysokom. soed.* 7 no. 9:1645-1649 S '65.

Synthesis and catalytic activity of isoprenyl aluminum. N. N. Korneev, G. S. Shvinderman, L. I. Red'kina. *Vysokom. soed.* 7 no. 9:1604-1608 S '65.

ISOPROPYL ALCOHOL

Dehydrogenation of isopropyl alcohol and formic acid on germanium. V. M. Trelov, E. K. Radzhabit, S. Z. Roginskii. *Kin. i kat.* 6 no. 3:504-508 My-Je '65.

ISQUINOLINE

Separation of quinoline and isquinoline mixtures by chromatography. I. U. I. Chumakov, M. N. Filippovich. *Zhur. anal. khim.* 20 no. 8:856-859 '65.

Using the method of precipitation chromatography for quantitative determining of isquinoline. B. C. Kogan, P. D. Pashova. *Koka i khim.* no. 10:47-18 '65.

ISOTHIOCYANATES

Physicochemical study of the interaction of anisil isothiocyanate with allyl and benzylamine. S. S. Kiriluk, I. M. Fedin. *Zhur. fiz. khim.* 39 no. 0:2293-2296 S '65.

ISOTOPE EXCHANGE

Effect of the temperature of special treatment of manganese dioxide on the rate of oxygen isotope exchange. I. A. Kabanina, A. P. Zuev. *Kin. i kat.* 6 no. 3:476-485 My-Je '65.

ISOXAZOLIDINONE

Formation of C^{14} -alanine-RNA in the presence of cyclonine and its analogs. O. O. Savoiova and others. *Biochimika* 39 no. 5:1015-1020 S-O '65.

ISOXAZOLINE

N-oxides of 3-nitrosoisoxazolines in 1,3-dipolar cyclo-addition reaction. V. A. Tarakovsky and others. *Dokl. AN SSSR* 164 no. 5:1081-1084 O '65.

ISRAEL—FOREIGN RELATIONS—ARAB COUNTRIES

Some comments of an Israeli journalist, from the editor's mail. *Nov. vrem.* 23 no. 46:21-25 N '65.

ISRAEL—MILITARY ASSISTANCE, WEST GERMAN

The history of a case of blackmail. A. Oksanin. *Az. i Afr. vuz.* 0 no. 10:51-52 O '65.

ISSYK-KUL', LAKE—LEUCISCUS

Turdayev, A. T. [Reproduction and development of *Leuciscus baicalicus* Kashekarov in Lake Issyk-Kul'] *Raznoozhchie i razvitiye Issyk-kul'skogo chuchchika*. Frunze, Izd-vo "Ilim," 1965, 80 p.

ITALY—AIRPLANES—MODELS

From the practice of foreign airplane modeling. *Kryl. rod.* 16 no. 0 insert:9 Je '65.

ITURUP ISLAND—PINK SALMON

Feeding habits of *Oncorhynchus gorbuscha* in the coastal waters of the Iturup Island. V. M. Ivanov. *Izv. TINRO* 55:75-81 '64.

IVAN FEDOROV, printer, d.1663

Sokolysyn, Aleksander. [On the 300th anniversary of the publishing of the Books of the Apostles and the Primer of Ivan Fedorov in Lvov] *U 300-letichia polnyy Apostol i bukvaia Ivana Fedorovycha u Lvovi*. New York, Shevchenko Scientific Society, 1964, 8 p. (Nauchoe tovarystvo im. Shevchenka, Papers. Dopovid, no. 22)

(MID)

IVAN IV, the Terrible, 1530-1584

Kurbakii's "History of the Great Duke of Moscow" in two foreign editions. V. B. Kobrin. *Vop. ist.* 40 no. 10:171-177 O '65.

IVANO-FRANKOVSK PROVINCE—PUBLIC INSTITUTIONS—ACCOUNTING

Centralize and mechanize accounting more widely. A. Boyva. *Fin. SSSR* 39 no. 10:70-71 O '65.

IVANO-FRANKOVSK PROVINCE—WOOD WASTE

Use of wood waste at the enterprises of Ivano-Frankovsk Province. L. I. Arkhangelskii. *Dum. i der. prom.* no. 1:47-49 Ja-Me '65.

IVANOV—CRANES, DERRICKS, ETC.

Quality and deliveries on time are the main thing. D. N. Kolnev. *Vnesh. tor.* 45 no. 10:20 '65.

IVANOV—MOTOR VEHICLES—MAINTENANCE AND REPAIR

Voluntary offices for establishing technical norms. A. Pishchik. *Avi. transp.* 43 no. 10:8-10 O '65.

IVANOV—TEXTILE INDUSTRY

Under new conditions. V. Volzhankin. *Part. zhizn'* no. 22: 30-33 N '65.

IVANOV PROVINCE—INDUSTRIAL HYGIENE

When they work with enthusiasm. Z. Sotkova and others. *Okh. truda i sots. strakh.* 8 no. 10:9-13 O '65.

IVANOV PROVINCE—LIBRARIES

Let's educate according to revolutionary traditions. O. Marsal'skaya. *Bibliotekar'* 43 no. 10:4-5 O '65.

IVANOV PROVINCE—MEDICINE, INDUSTRIAL

When they work with enthusiasm. Z. Sotkova and others. *Okh. truda i sots. strakh.* 8 no. 10:9-13 O '65.

IVANOV PROVINCE—REVOLUTION OF 1905

Let's educate according to revolutionary traditions. O. Marsal'skaya. *Bibliotekar'* 43 no. 10:4-5 O '65.

IZHEVSK

In the capital of Udmurtia. I. Ivanov. *Zhil. i kom. khoz.* 16 no. 9:2 S '65.

JACKALS see subdivision under Kara-Kalpak A.S.S.R., Kyzyl-Agach Preserve

JAPAN—COMMERCE

Bandura, I. U. N. [Export of complete equipment units from Japan] *Ekspert kompletnogo oborudovaniia iz Iaponii*. Moskva, 1965, 39 p. (Bulletin' inostrannoi kommercheskoi informatsii, prilozhenie, no. 11)

JAPAN—COMMERCE—RUSSIA

Show of Soviet Far Eastern goods in the coastal cities of Japan. I. Ryzhov. *Vnesh. tor.* 45 no. 10:41-43 '65.

JAPAN—DEPARTMENT STORES

Department stores of Japan. V. Kuziakina. *Sov. tor.* 39 no. 10:12-14 O '65.

JAPAN—FOREIGN RELATIONS—RUSSIA

Ambassador Toru Nakagawa on Japanese-Soviet relations, an interview. *Nov. vrem.* 23 no. 46:31-32 N '65.

JAPAN—MACHINERY INDUSTRY

Bandura, I. U. N. [Export of complete equipment units from Japan] *Ekspert kompletnogo oborudovaniia iz Iaponii*. Moskva, 1965, 39 p. (Bulletin' inostrannoi kommercheskoi informatsii, prilozhenie, no. 11)

JAPAN—MASS MEDIA

Control of Japanese monopolies over mass propaganda media. I. Latyshev. *Mir, ekon. i mezhdunar. otn.* no. 11: 120-123 '65.

JAPAN—TRUSTS, INDUSTRIAL

Control of Japanese monopolies over mass propaganda media. I. Latyshev. *Mir, ekon. i mezhdunar. otn.* no. 11: 120-123 '65.

JAPAN SEA—SQUIDS

Distribution and migrations of *Onmyctophagus sloanei pacificus* (Steenstrup) in the Sea of Japan. V. P. Shuntov. *Izv. TINRO* 55:117-151 '64.

JAPAN SEA—TROUT

Some data on the biology of char of the genus *Salvelinus* from the Sea of Japan. M. A. Darda. *Izv. TINRO* 55: 227-229 '64.

JAPANESE FOLK DRAMA see Folk drama, Japanese

JASIK, RUDOLF

Two novels on the Slovak uprising: "Engelchen summons death" by L. Maacko and "Dead soldiers don't sing" by R. Jasik. S. I. Belva. *Vest. Mosk. un. Ser. 7, Filol., zhur.* 20 no. 5:33-35 S-O '65.

JAUNDICE

Reproduction of experimental hepatitis and liver cirrhosis associated with jaundice and ascites, histological and histochemical studies. V. I. Metelina. *Arkh. pat.* no. 10:21-29 '61.

JAWS—ABNORMALITIES AND DEFORMITIES

Hypoplasia of the maxilla in congenital penetrating heart-lip and cleft palate. G. G. Krikhian. *Probl. chel.-lits. khir.* no. 1:86-90 '65.

Role of the articular process in the pathogenesis of sagittal deformations of the mandible. S. I. Kiyshab. *Probl. chel.-lits. khir.* no. 1:65-68 '65.

Treatment of diagonal malocclusion in older children. I. U. M. Aleksandrova, A. D. Mukhina. *Probl. chel.-lits. khir.* no. 1:225-228 '65.

JAWS—ANKYLOSIS

Age-related inflex and compound methods of treating microgenia and ankylosis of the mandible. I. A. Aleksandrova. Probl. chel.-lits khir., no. 133-36 '65

JAWS—CANCER

Compound treatment of malignant tumors of the maxillo-facial area. F. L. Gaidashnikov. Probl. chel.-lits khir., no. 1189-201 '65

Malignant adamantinoma of the jaws. S. O. Nikogosova, Zhur. eksp. i klin. med., 5 no. 1-60-85 '65

JAWS—DISEASES

Diagnosis of cysts of the mandible. I. N. Vaisblat. Probl. chel.-lits khir., no. 1187-194 '65

Pathological anatomy of osteomyelitis of the maxilla in newborn infants and young children. A. M. Solntsev. Probl. chel.-lits khir., no. 1187-168 '65

JAWS—FRACTURE

Anatomicotopographical characteristics of the ramus mandibuli to be considered in osteosynthesis by means of a metal nail. E. V. Gotsko. Probl. chel.-lits khir., no. 1-111-115 '65

Fixation of fragments in fractures of the alveolar process and dislocation of the teeth in children. V. P. Panchokha. Probl. chel.-lits khir., no. 1123-125 '65

Immediate and late outcome of surgical treatment of fractures of the mandible with the use of wire suture. S. M. Solomeniy. Probl. chel.-lits khir., no. 1126-129 '65

JAWS—SURGERY

Conductor anesthesia in surgery on the maxilla in young children. A. M. Solntsev. Probl. chel.-lits khir., no. 126-28 '65

Correction of secondary deformations of the maxilla by means of segmental osteotomy following congenital hare-lip and cleft palate. N. P. Mozgovoi. Probl. chel.-lits khir., no. 191-93 '65

Fixation of fragments of the mandible in bone-grafting operations. M. P. Barchukov. Probl. chel.-lits khir., no. 144-46 '65

Intraosseous test using typan blue in homoplasty of lyophilized bone in defects of the mandible. N. S. Gulyaeva. Probl. chel.-lits khir., no. 157-60 '65

Primecaine (mesocaine) in maxillofacial surgery. S. I. Bukh-Chechik. Probl. chel.-lits khir., no. 17-10 '65

Two-stage plastic surgery on the mandible using biologically treated bone tissue. E. A. Aleksandrova. Probl. chel.-lits khir., no. 137-43 '65

JAWS—TUMORS

Cementomas of heterotopic (extramaxillary) localization. S. A. Tampo'skaia. Arkh. pat., no. 10:51-56 '64

Characteristics of fibrous dysplasia of facial bones of the cementoma type. A. M. Beiman, T. P. Vinogradova. Arkh. pat., 27 no. 8:31-35 '65

Osteomas of the jaws. A. N. Litvinenko. Probl. chel.-lits khir., no. 1205-210 '65

JAWS—WOUNDS AND INJURIES

Therapeutic principles in penetrating gunshot wounds of the maxilla. E. A. Kolesnikov. Probl. chel.-lits khir., no. 1116-122 '65

JAYS see subdivision under Kyzyl Kum

JENA—OPTICAL INDUSTRY

Latest optical instruments; people's enterprise "Carl Zeiss, Jena." Dietrich Seimet. Priroda 54 no. 2: 68-71 F '65

JERBOAS see subdivision under Balkhash Lake region

JERUSALEM—ORTHODOX EASTERN CHURCH

News from the Russian Church Mission in Jerusalem. Nun Nina (Latal). Zhur. Mosk. Patr., no. 9:14-16 '65

ESUS CHRIST—NATIVITY

Belov, A. V. [Nativity of Christ] Rozhdestvo Khristovo. Moskva, Politizdat, 1965. 78 p. (Besedy s verushchimi)

ET BORING—EQUIPMENT AND SUPPLIES

Results of testing electric-arc jet drills (plasma drills). M. F. Zhukov, G. N. Pokrovskii, B. I. A. Smolakov. Fiz.-tekh. probl. razrab. pol. iskop., no. 1:32-39 '65

JET MILLS

Standardization of counter-flow jet mills. V. I. Akunov. Khim. i nef. mashinostr., no. 9:33-34 S '65

JET PLANES see subdivision under Poland

JET PLANES—FUEL

Mechanism of the formation of microimpurities in jet fuels. V. N. Zrelov. Khim. i tekhn. topl. i masel 10 no. 10:46-50 O '65

ET STREAM see subdivision under Ashkhabad; Russia, Southern; Soviet Central Asia; Transcaucasia

JETS—FLUID DYNAMICS

Integral methods in the theory of jets of a conducting fluid. E. V. Stichenin. Mag. gidr., no. 3:30-36 '65

JOINTS—DISEASES

Clinical characteristics of the Thiers-Danlos syndrome. S. A. Melnikova, F. I. Gubacheva. Vest. derm. i ven., no. 1:83-85 '65

Infectious nonspecific diseases of the joints: a review of the literature. G. V. Kudryavtsev. Voen.-med. zhurn., no. 1:34-40 '65

JOINTS—INNERVATION

Functional adjustment of the nervous system in controlling movements of preserving stationary posture. D. G. Asatrian, A. G. Gel'dman. Biofizika 10 no. 5:837-846 '65

JOINTS—TUBERCULOSIS

Pyrogens in the pathogenesis and treatment of experimental osteoarticular tuberculosis. F. Kh. Kuchertavyl. Probl. tub., no. 7:79-86 '61

JOINTS (ENGINEERING)

Calculating optimal tightening stresses of bolts of flanged joints with a contact along the entire bearing surface. I. I. Reiderman. Izv. vuz. ucheb. zav., mashinostr., no. 8:67-72 '65

Calculating tightened threaded joints for impact loading. B. S. Tsfur. Izv. vuz. ucheb. zav., mashinostr., no. 8: 87-92 '65

Designing a symplectic cross hinge. V. N. Zheludkov. Izv. vuz. ucheb. zav., prib. 8 no. 5:143-151 '65

Determining an economical profile of massive and lightweight dams with expansion joints. V. I. Teleshev. Trudy Leningdrobtekh. no. 1:222-238 '61

Installation of concrete embankments against waves without compression joints. E. I. Lubochkov. Izv. VNIIG 76:233-243 '64

Investigation of the effect of noncemented joints on the stressed state of the concrete dam of the Bratsk Hydroelectric Power Station. N. S. Rozanov, V. N. Mokuishin. Izv. VNIIG 76:143-54 '61

Reinforced concrete spline with spiral reinforcement. V. T. Rasskazovskii, F. A. Valiev. Stroitel. i arkh. Uzb., 6 no. 3:17-18 Mr '65

Results of the discussion on P. P. Singin's article "Conjoint joints in frameless apartment houses on nonuniformly compressed and settling foundation beds." Osn. i fund. i mekh. gran. 7 no. 5:29-30 '65

Watertight cast iron joints of steel pipes. Stroitel. i tuboprov., 10 no. 10:24 O '65

JOINTS (ENGINEERING)—CORROSION

Corrosion resistance of weld joints in OKh13 (E2466) steel in certain media. V. A. Maslov, L. A. Semenova. Svar. i metal., no. 10:32-32 O '65

Corrosion resistance of weld joints in OKh18NiOT steel in boiling nitric acid. V. I. A. Dubinskii, S. A. Chemezova. V. I. Dorevskii. Svar. i metal., no. 10:31-35 O '65

JOINTS (GEOLOGY) see subdivision under Dzhan Dzhaz Valley; Nelson Valley

JOURNALISM

[An aid for beginning journalists; a textbook for worker and rural correspondents attending schools and universities] V. P. Moschich. Nachinaiushchim zhurnalistam; uchebnoe posobie dlia elustatelei shkol i universitetov rabselektorov. 2, dop. izd. [Moskva] Izd-vo "Pravda," 1965. 398 p.

Zapadov, A. V., ed. [Chrestomathy on the history of Russian journalism of the 19th century] Khrestomatiia po istorii russkoi zhurnalistik XIX veka. Moskva, Vysshiaia shkola, 1965. 468 p.

JOURNALISM—AERONAUTICS see subdivision under Tashkent

JOURNALISM—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

[Partisan true stories] Partizanskoe byll. Moskva, Politizdat, 1965. 527 p.

JOURNALISM, AGRICULTURAL see subdivision under Uzbekistan

JOURNALISM, MEDICAL

Medical literature concerning the organization of military medical services of the Red Army (1918-1920). M. B. Mirskii. Sov. med., 28 no. 3:154-156 Mr '65

JOURNALISM, MILITARY

Filling the readers' orders... Voen. znani., 41 no. 9: 27 S '65

JUDICIAL ASSISTANCE

Execution by Soviet courts of letters rogatory of foreign courts and requests of the courts of the U.S.S.R., concerning letters rogatory to foreign courts. D. D. Averin. Izv. vuz. ucheb. zav.; prav. 9 no. 1:89-98 '65

JUGLONE

Dynamics of infection on diseased and healthy skin in non-odor mites during juglone therapy. K. A. Tikhonov. Vest. derm. i ven., no. 1:31-37 '65

JUNCTION TRANSISTORS

Recombination radiation of p-n junctions in crystals of the system CdTe-ZnTe. M. V. Kot, A. E. Tikhonov. Fiz. tverd. tela 7 no. 2:248-2518 S '65

JUNCTION TRANSISTORS—TESTING

Study of a p-n junction in silicon with the aid of Hg II electrophotographic developers. A. S. Antonov, I. G. Iuskesheva. Dokl. AN SSSR 164 no. 6:1760-1762 O '65

JUPITER (PLANET)—SATELLITES see Satellite—Jupiter

JURISDICTION

Delegation of authority in the province of state administration. B. M. Lazarev. Sov. gos. i prav. 35 no. 10:27-35 O '65

JURISTIC ACTS

Distinctive characteristics of regulatory provisions concerning invalid transactions under the new Soviet civil law. O. A. Kravchikov. Sov. gos. i prav. 35 no. 10:36-43 O '65

JUSTICE, ADMINISTRATION OF

Group conferences of the Supreme Court of the R.S.F.S.R. Sov. iust., 20 no. 10:24-25 S '65

JUVENILE DELINQUENCY

(see also subdivision under Alibi; Germany, East; Transcarpathia)

Elimination of the lack of supervision in a necessary condition for the liquidation of juvenile delinquency. K. Speranskii. Sov. iust. 20 no. 10:16-17 O '65

KABARDINO-BALKAR A.S.S.R.—COLLECTIVE FARMS—PENSIONS

On the Kabardian collective farms. V. Podin. Sots. obozr., 26 no. 10:16 O '65

KABARDINO-BALKAR A.S.S.R.—ECONOMIC GEOGRAPHY

Maslov, E. P., and K. N. Kozlov. [Studies on the economic geography of the Kabardino-Balkar A.S.S.R.] Ocherki ekonomicheskoi geografii Kabardino-Balkarskoi ASSR. Pod red. I. M. Kazmakova. Nauch. i Kabardino-Balkarskoe knizhnoe izd-vo, 1961. 232 p.

KABARDINO-BALKAR A.S.S.R.—SHEEP

Favorable possibilities and lamentable results. I. Kuznetsov. sel'khoz. prod., no. 5:47 My '65

KACHAILO, OMELIAN ARTEMOVICH, 1893-1961

The proletarian poet Omel'ko Kachailo. I. M. Kachailo. Rad. lit., 9 no. 5:80-83 My '65

KADIYEVKA (UKRAINE)—CARBON BLACK

Daily accounting control. N. Belukha. Bukh. i uch. 22 no. 9:16-20 S '65

KADOM DISTRICT—COLLECTIVE FARMS—UNDERGROUND

For the veterans of collective farms. A. Artyukhin. Sots. obozr., 26 no. 10:13-14 O '65

KADZHARAN REGION (ARMENIA)—ORE DRESSING PLANTS

Possible reduction of losses of molybdenum and rare metals with the copper concentrate at the Kadzharan Ore Dressing Plant. G. Afropetian, Zh. Gukedian. Prom. Arm., 9 no. 8:25-28 Ag '63

KAFKA, FRANZ, 1883-1925

Zatonkii, D. V. [Franz Kafka and problems of modernism] Frants Kafka i problemy modernizma. Moskva, Vysshiaia shkola, 1965. 113 p. (Sovremennaiia literatura)

KAKHOVKA RESERVOIR—FRESHWATER FAUNA

Ecologic and zoogeographical characterization of the plankton and microbenthos of Kakhovka Reservoir. V. V. Gurevich. Gidrobiol. zhurn., 1 no. 4:61-68 S '65

KAKHOVSKII, PETR ONIGOR'EVICH, 1877-1926

Podgornyi, I. P. G. Kakhovskii. [Leningrad] Leningrad, 1965. 35 p. (Uzinki Petropavlovskoi kreposti)

KALININ, MIKHAIL IVANOVICH, 1875-1940

Always with the people. D. Dudochkin. Sov. profsoyuz. 21 no. 21:30-31 N '65

Dement'ev, A. D. [Features of a great life; M. I. Kalinin in his home country] Shtrikhi k bol'shoi zhizni; M. I. Kalinin v rodykh mestakh. [Moskva] Mosk. rat. kn., 1965. 102 p.

Mikhail Ivanovich Kalinin as party propagandist. N. M. Mor. Vop. ist. KPSS 9 no. 11:66-75 N '65

A veteran of the Lenin guard. E. Dvorkina. Part. zhizn', no. 22:57-62 N '65

KALININ—TEACHING

Where they teach in a new way (to be concluded) A. Kuznetsov. Kalin. zh., no. 10 15-51 O '65.

KALININ PROVINCE—GAME AND GAME BIRDS

Distribution and abundance of wildfowl in Kalinin Province. I. A. Gibet, G. A. Voronov. Ornitologiya no. 7:44-51 '65.

KALININ PROVINCE—LIBRARY CONFERENCES

Library for scientific workers. S. Seigeeva. Bibliotekar' 43 no. 12:46-49 O '65.

KALININ PROVINCE—MEDICAL LABORATORIES

Central district serological laboratories of the Kalinin Province. O. V. Uspekina. Probl. gemat. i perel. krovi no. 3:14-17 '65.

KALININ PROVINCE—PEAT INDUSTRY

Socialist obligations of the workers, engineers, technicians and employees of the collectives of the enterprises of the Kalinin State Peat Trust in 1965. S. Apenchuk. V. N. N. Trud. prom. 42 no. 3:6 '65.

KALININGRAD—MONUMENTS

Dudayev, S. [Memorial to the victory in Kaliningrad] Pamyatniki i monumenty Kaliningrada Vilnius, Vaga, 1965 27 p. chiefly illus. [in Lithuanian]

— [Memorial to the victory in Kaliningrad] Pamyatniki pobedy v Kaliningrade 10 p. [in Russian]

KALININGRAD PROVINCE—PAVEMENTS, CONCRETE

After 30 years of operation. V. Oselov. Avt. dor. 28 no. 9:27-31 '65.

KALINNIKOV, VASILII SERGEEVICH, 1866-1901

Nikol'skiy, M. V. [Vasilii Sergeevich Kalinnikov, 1866-1901, a short sketch of his life and works] Vasilii Sergeevich Kalinnikov, 1866-1901, kratkii ocherk zhizni i tvorchestva. Leningrad, Muzyka, 1964, 70 p. (Kratkaya dlia tvorchestva) (NIC)

KALMYK A. S. S. R.—MUSTARD

Mustard as a valuable crop. F. I. Akimenko. Zemledel. 27 no. 9:87-5 '65.

KALYNIN, TAMARA PAVLOVNA, 1924-1941

Zlatopolskiy, Z., and K. L. Luchchenko. [Duty] Dolg. Riga, Izd-vo "Liesma", 1965, 86 p.

KALUGA PROVINCE—BOOKSELLERS AND BOOK-SELLING

The people's store "Sputnik." L. Sobolev. Knizh. toig. 18 no. 4:41 Ap '65.

KALUGA PROVINCE—FEEDS—COMPOSITION

Trace element content of roughage in Kaluga Province. M. I. Gustin. Likh. v sel' kh. 3 no. 9:67-68 S '65.

KALUGA PROVINCE—YOUTH—EMPLOYMENT

The laws on the employment and dismissal of juveniles should be strictly observed. N. Kobets. Sov. iust. 29 no. 19:4-5 O '65.

KAMA RESERVOIR—AMPHIPODA

Distribution of the Caspian crustacean Corophium in the Sylva Bay of Kama Reservoir. V. V. Gromov. Nauch. dokl. vys. shkoly, biol. nauki no. 4:20-22 '65.

KAMA RIVER—DESCRIPTION AND TRAVEL

Bazunov, B. A., V. B. Gantman. [Clear sailing] Tri futa pod kitem. Moskva, Mysl', 1965, 215 p. (Puteshestviya, priklucheniya, fantastika)

KAMCHATKA—ANDESITES—ANALYSIS

Linear parageneses of the main rock-forming elements of the andesite-basalts of Kamchatka. D. N. Ivanov, M. K. Koshko. Dokl. AN SSSR 184 no. 6:1363-1365 O '65.

KAMCHATKA—BASALT—ANALYSIS

Linear parageneses of the main rock-forming elements of the andesite-basalts of Kamchatka. D. N. Ivanov, M. K. Koshko. Dokl. AN SSSR 184 no. 6:1363-1365 O '65.

KAMCHATKA—ROCKS, IGNEOUS

Formational delineation of Tertiary plutonic and volcanic-plutonic formations in central Kamchatka. O. N. Volynets and others. Dokl. AN SSSR 185 no. 1:153-155 N '65.

KAMCHATKA PROVINCE—INDUSTRIES

The most important problems of the development and distribution of the productive forces of the Northeastern Economic Region and Kamchatka Province. B. F. Shapalin. Probl. Sev. no. 9:38-48 '65.

KAMENETS-URALSKIY (SVENLOVSK PROVINCE)—MILK PLANTS

This milk plant is well known in the district. R. Rasovskiy. Zakup. sel' kh. prod. no. 5:43 My '65.

KAMINSKIY, GRIGORI NAUMOVICH, 1895-1938

Grigori Naumovich Kaminskiy on the 70th anniversary of his birth. I. T. Leonov. Vop. ist. KPSS 9 no. 11:121-128 N '65.

KANDA BAY—MARINE FAUNA

Bottom fauna of the Kanda Bay of the White Sea. T. S. Smirnova. Gidrobiol. zhur. 1 no. 1:27-33 '65.

KANEV (UKRAINE)—GEOLOGY, STRUCTURAL

Kostianol, M. G. [Engineering geology characteristics of the argillaceous rocks of the Kanev region dislocations] Inzhenerno-geologicheskie osobennosti glinistykh porod na Kanevskikh dislokatstakh. Kiev, Izd-vo Akad. nauk SSSR, 1963 [171 p.] (CaOOG)

KANSK BASIN—LIGNITE

Preparation of technological fuel from brown coals. K. I. Sysskov, I. G. Korotkov, V. I. A. Tsarev. Koks i khim. no. 10:18-22 '65.

KANTOROVICH, LEONID VITAL'EVICH

L. V. Kantorovich, V. S. Nemchinov, V. V. Novozhilov, the Lenin Prize laureates of 1965. Eksp. i mat. metod. 1 no. 3:163-165 My-Je '65.

KAPITSA, PETR LEONIDOVICH, 1894-

Soviet physicist is awarded the Niels Bohr Gold Medal. A. S. Dorovik-Romanov, L. P. Pitavskiy. Priroda 54 no. 2:113-114 F '65.

KARA-KALPAK A. S. S. R.—JACKALS

Ecology and economic significance of jackal in the Kara-Kalpak A. S. S. R. M. Palvanfazov. Uzb. biol. zhur. 9 no. 4:53-56 '65.

KARA-KALPAK A. S. S. R.—WORLD WAR, 1939-1945—JUVENILE PARTICIPANTS

Babashov, Sh. [Komsomol soldiers in Karakalpakia in the battles for the homeland] Volny komsomol'tsy Karakalpakii v boiakh za Rodinu. Nukus, Izd-vo "Karakalpakia", 1965, 80 p.

KARA KUM—PALEOGEOGRAPHY

Paleogeography of the Akebagly period in the central and southeastern Kara Kum. M. A. Petroshants. Izv. AN SSSR, Ser. geogr. no. 5:79-85 S-O '65.

KARA KUM—ROCKS, IGNEOUS

Presence of alkali differentiates of basaltoid magma in the Paleozoic basement of the Kara Kum platform. A. I. Proskurnikov. Dokl. AN SSSR 161 no. 4:902-905 O '65.

KARA KUM—RODENTS

Reproduction of mammals in the sandy desert of the Karakum. I. U. F. Sapozhenkov. Zool. zhur. 14 no. 6:886-901 '65.

KARA KUM—SPARROWS

Desert sparrow in the Kara Kum. O. Sopyev. Ornithologiya no. 7:134-135 '65.

KARA KUM CANAL—CESTODA

Distribution of Bothriocephalus gowkongensis Yeh, 1955 (Cestoda, Pseudophyllidae) in the bodies of water of the Kara Kum Canal. B. Babaev. Zool. zhur. 44 no. 8:1407-1408 '65.

KARA KUM CANAL—PARASITES—FISHES

Distribution of Bothriocephalus gowkongensis Yeh, 1955 (Cestoda, Pseudophyllidae) in the bodies of water of the Kara Kum Canal. B. Babaev. Zool. zhur. 44 no. 8:1407-1408 '65.

KARADAGLY OIL FIELD—PETROLEUM GEOLOGY

Lithological characteristics and prospects for finding petroleum in horizon V of the producing formation in the Karadagly area. R. A. Gasanov, B. M. Kerimov. Azerb. naft. khoz. 44 no. 8:1-4 Ag '65.

KARABAKH STEPPE—IRRIGATION FARMING

Improve the use of irrigated soils. R. F. Mamedov. Zemledel. 27 no. 1:31-34 N '65.

KARACHA-YELGA OIL FIELD—PETROLEUM—ANALYSIS

Petroleum from the Karacha-Yelga oil field. E. G. Iychenko, G. V. Sevast'yanova, L. Z. Garipova. Khim. i tekhn. topl. i masel. 10 no. 10:16-18 O '65.

KARADZIC, VUK STEFANOVIC, 1787-1864

Belgrade symposium in honor of Vuk Karadzic. E. P. Naumov. Izv. AN SSSR, Ser. lit. i jazyk. 24 no. 1:100-102 Ja-F '65.

KARAGANDA—CABBAGE—VARIETIES

Chinese vegetable crops at the Karaganda Agricultural Experimental Station. I. M. Zhuravko. Trudy Resp. opyt. sta. kart. i ovoshch. khoz. 2:216-218 '65.

KARAGANDA—CUCUMBERS—VARIETIES

Chinese vegetable crops at the Karaganda Agricultural Experimental Station. I. M. Zhuravko. Trudy Resp. opyt. sta. kart. i ovoshch. khoz. 2:216-218 '65.

KARAGANDA—IRON AND STEEL PLANTS

Production of slabs at the Karaganda metallurgical plant. M. I. Vishnevskiy, G. M. Semakova. Metalurgiya no. 10:1-7 O '65.

KARAGANDA BASIN—COAL MINES AND MINING

Making 1,603 meters of mining in 31 workdays at the mine no. 122 of the "Karagandagol" Combine. P. K. Matonin, N. S. Monast'ryev, V. A. Smakov, Shakhstrol. 8 no. 7:5-9 Ji '65.

KARAGANDA BASIN—COAL MINES AND MINING—FINANCE

Price and business accounting. F. Avdeev. Naft. khoz. Kirovsk. 23 no. 10:55-57 O '65.

KARAGANDA PROVINCE—VEGETABLE GARDENING

Breeding work and the new promising vegetable varieties in Karaganda Province. I. V. Protas. Trudy Resp. opyt. sta. kart. i ovoshch. khoz. 2:72-78 '65.

KARATAU—SAND AND GRAVEL INDUSTRY

Karatau today. Stroitel'sk. khiz. Uzb. 6 no. 9:12-5 '65.

KARELIA—FISHERIES

Aerochemical treatment of lakes. I. U. A. Gimmel'man. Ryb. khoz. 41 no. 9:20-21 '65.

KARELIA—ROCKS, IGNEOUS

[Caledonian complex of ultrabasic and alkaline rocks and carbonates of the Kola Peninsula, and northern Karelia; geology, petrology, mineralogy and geochemistry] Kalevalan kompleks ultraosnovnykh, shchelochnykh porod i karbonatnykh Kolskogo poluostrova i Severnoi Karelii, geologiya, petrologiya, mineralogiya i geokhimiya. [By] A. A. Kukharenskii dr. Moskva, Nedra, 1965, 712 p., maps (insert)

KARELIA—WOODPULP INDUSTRY

Decomposition of sewage from the evaporating shop of the Segezha Combine. O. I. Sokolova, M. F. Makhimov. Bum. prom. no. 7:21-22 Ji '65.

KARELIA—WORLD WAR, 1939-1945—CAMPAIGNS

Lakovlev, B. N. [Triumph of the liberators] Pobeda osvobodivshih. Petrozavodsk, Karolskoe knizhnoe izd-vo, 1964, 101 p. (CSI-II)

KARELIAN ISTHMUS—ZOOPLANKTON

Two levels of the productivity of zooplankton in strongly humified bodies of water of the Karelian Isthmus. I. N. Andronikova. Gidrobiol. zhur. 1 no. 4:34-36 '65.

KARENGA VALLEY—BIRDS

Some ornithological findings in the Karenga Valley (Vitim basin). T. N. Gagina. Ornitologiya no. 7:463-464 '65.

KARLOVKA (POLTAVA PROVINCE)—MACHINERY INDUSTRY—PERSONNEL MANAGEMENT

Take public opinion into consideration. V. Tokar'. Part. zhizn' no. 22:46-48 N '65.

KARPENKO-KARYI, pseud. see Tonhlevych, Ivan

Karpovych, 1845-1907

KARST see subdivision under Caucasus

KARYOKINESIS

Duration of mitotic cycle and cell interphase stages in the primary culture of embryonic human fibroblasts. N. P. Moiseeva. Genetika no. 1:157-160 '65.

Neurohumoral mechanism of the distance effect of ionizing irradiation. O. P. Domareva. Trudy Inst. gen. no. 32:241-252 '65.

Regularity of the diurnal rhythm of mitotic cell division in the ocular sac and the presumptive ectoderm during the period of contact between them in chick embryos. A. A. Derdilaschenko. Biol. eksp. biol. i med. 60 no. 9:169-171 S '65.

Study of the nature of somatic mosaicism of Drosophila melanogaster. E. M. Tupitsyna. Genetika no. 1:123-129 '65.

Study of the ultrastructural changes in the nuclear membrane during mitosis. K. S. Abramian, V. N. Reingold. Dokl. AN SSSR 165 no. 1:199-202 N '65.

Ultraviolet micro-ray irradiation of the nucleus and cytoplasm of animal tissue culture cells in different phases of the cell cycle. V. N. Sakharov, L. N. Voronkova. Genetika no. 1:161-166 '65.

KASHIRA HYDROELECTRIC POWER STATION

Lenin's Kashira, reminiscences of the builder of the Kashira Hydroelectric Power Station. G. A. Kalinin. Vop. ist. KPSS 9 no. 10:102-112 O '65.

- KASHMIR—POLITICS AND GOVERNMENT**
The Kashmir question, a brief information Agitator 73 no 19 38-50 O '65
- AS'IAN, MARTYN VAGANOVICH, 1905-**
Scientist, teacher, and social worker S Arustam an Prom Arm 8 no 7 42-13 J1 '65
- KASPAROV, VLADISLAV MINASOVICH, 1884-1917**
Garibdzhanian, G. B. [V. M. Kasparov, a prominent member of the Communist Party] V. M. Kasparov - vidnyi detalei' Kommunisticheskoi partii Erevan, MIt, 1955. 84 p.
- KASTORNOYE DISTRICT—MILITARY EDUCATION**
Without activists P Mironov, Voen. znan. 11 no, 10 31-32 O '65.
- KASUMKENT DISTRICT—INSURANCE, SOCIAL**
In the section and in the field N Dzhabrailov Sots obesp. 26 no 10 25 O '65
- KATATONIA** see Catatonia
- KAUNAS—WORLD WAR, 1939-1945—PRISONERS AND PRISONS, GERMAN**
Kaplanas, O. [The Ninth Fort accuses. Translated from the Lithuanian] Devlatyi fort obviniaet. [3. dop. izd.] Vil'nius, Mintis, 1954. 58 p. illus.
- KAZAKHSTAN—ADVERTISING—BOOKS**
Our advertisement. A. Bekhacy, N Uzbekhanov Knizh. torg 16 no 4 34-35 Ap '65
- KAZAKHSTAN—AGRICULTURE**
The role of the working class of the Uzbekistan S. S. R. in the material and technical development of the virgin land areas of Kazakhstan, 1954-1952. D. I. Ukhovnykh. Ufr. ist. zhur. 8 no. 3 57-62 My-Je '64.
- KAZAKHSTAN—BEANS—FERTILIZERS AND MANURES**
Effect of the waste of the Tsel' Complex Metal Combine on the yield and some physiological indices of kidney beans. R. A. Bobrova, N. V. Kovaleva, M. G. Sagitova Trudy Resp. opyt. sta kart i ovoshch. khoz. 2 201-209 '60.
- KAZAKHSTAN—BIOCLIMATOLOGY**
Some climatic characteristics of the period of the summer grazing of sheep in Kazakhstan A I Chereva. Trudy KazNIGMI no 24 95-109 '65
- KAZAKHSTAN—BRICK INDUSTRY**
Plants in Central Asia and Kazakhstan turn out poor bricks. V. V. Narskii, N. A. Seveiov. Stroil. mat. 11 no. 10 15-20 O '65.
- KAZAKHSTAN—BUILDING—COLD WEATHER CONDITIONS**
Heating of inert materials without special equipment B. Kolesnik Nar. khoz. Kazakh. 23 no. 10 31-32 O '65
- KAZAKHSTAN—BUILDING MATERIALS**
"Soul silicates" are an efficient and low-cost material V. Stel'nikova. Nar. khoz. Kazakh. 23 no 10 33-31 O '65.
- KAZAKHSTAN—CABBAGE**
Cabbage growing in mountain areas. M. M. Krasnikov. Trudy Resp. opyt. sta kart i ovoshch. khoz. 2 60-64 '60
Cabbage growing without transplantation. M. M. Krasnikov. Trudy Resp. opyt. sta kart i ovoshch. khoz. 2 56-60 '60.
- KAZAKHSTAN—CABBAGE—DISEASES AND PESTS**
Testing chemical measures for controlling the cabbage aphid (Brevicoryne brassicae L.). N. P. Pashchenko. Trudy Resp. opyt. sta kart i ovoshch. khoz. 2 65-71 '60.
- KAZAKHSTAN—CAPITAL**
Capital assets and the efficiency of production. T. Ashimbaev Nar. khoz. Kazakh. 23 no. 10 35-40 O '65.
- KAZAKHSTAN—CATTLE BREEDS**
Characteristics of the Altai strain cows based on their body structure. N. Kozhakhmetov. Trudy Inst. eksp. biol. AN Kazakh. SSR 11 279-286 '65.
- KAZAKHSTAN—CLAY**
Association of clay minerals in the Upper Famennian rocks and ores of the Dzhal'ma trough. V. A. Eroshchev-Sha' and others. Dokl. AN SSSR 164 no. 4 905-909 O '65.
- KAZAKHSTAN—COMMERCIAL CRIMES**
Bulatov, S. Ia. [Liability for economic crimes under the Criminal Code of the Kazakh S. S. R.] Otvetsvennost' za khoziaistvennye prestupleniia po ugodnomu kodeksu Kazakhskoi SSR. Alma-Ata, Nauka, 1965. 110 p.
- KAZAKHSTAN—CONCRETE—TRANSPORTATION**
Optimum plan for the transportation of concrete L. Sukhova, L. Shapnik Zhel. dor. transp. 17 no 10 76-77 O '65
- KAZAKHSTAN—CONCRETE PILING**
We are building structures on reinforced concrete piles. V. Ponomarev, A. Silant'ev Nar. khoz. Kazakh. 21 no 10 21-27 O '65
- KAZAKHSTAN—CONSTITUTION**
Kazakh S. S. R. Constitution [Constitution (fundamental law) of the Kazakh S. S. R. As amended and supplemented by the Sixth Supreme Soviet of the Kazakh S. S. R., fourth session] Konstitutsiia (osnovnoi zakon) Kazakhskoi SSR S izmeneniami i dopolneniami, prinyatymi na chetvertoi sessii Verkhovnogo Soveta Kazakhskoi SSR shestogo sozyva Alma-Ata, Izd-vo "Kazakhstan", 1964. 30 p.
- KAZAKHSTAN—CONSTRUCTION INDUSTRY**
Conference on the exchange of experience among movable mechanized columns I. V. Tarasova. Blud. i ot. tekh. 27 no. 9 10-42 S '65
- KAZAKHSTAN—CONSTRUCTION INDUSTRY—ACCOUNTING**
Accounting is an important factor in the struggle against waste. G. Radzimenkii Eksp. stroil. no. 10 21-23 O '65
- KAZAKHSTAN—CONSTRUCTION INDUSTRY—MECHANIZATION**
There is a great confusion in using mechanized light equipment A. Bendz'. Nar. khoz. Kazakh. 23 no 10 28-30 O '65.
- KAZAKHSTAN—COWS**
Effect of "hot" weather on the milk productivity of cows N. A. Shitnov, N. A. Konukhov, S. M. Pol'kevich Trudy KazNIGMI no 24 116-119 '65
- KAZAKHSTAN—CRYPTOGAMS**
Third conference on the study of cryptogams of Kazakhstan and Central Asia. N. P. Mamuk, V. M. Salomakhina Ukr. bot. zhur. 22 no 5 106-108 '65.
- KAZAKHSTAN—ECONOMIC CONDITIONS**
Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut ekonomiki [Problems of the present-day economy of Kazakhstan] Problemy sovremennoi ekonomiki Kazakhstan, sbornik statei Alma-Ata, Nauka No 1 1965. 247 p (BBC)
- KAZAKHSTAN—EDUCATION, RURAL**
Change is justified. N. Ia. Kuzkina. Vech. ared. shkola 8 no. 5 14-15 S-O '65
- KAZAKHSTAN—FERTILIZATION OF PLANTS**
Diurnal rhythms of flowering and fruiting of some plants in central Kazakhstan. Z. G. Respalova. Blud. MOIP. Otd. biol. 70 no. 3 17-60 My-J. '65
- KAZAKHSTAN—FIELD MICE—EXTERMINATION**
Field mice Lagurus lagurus agrestis Seich. and Micotus gregalis gregalis Pall. in northern Kazakhstan. A. I. Korytsov. Trudy Kaz. NIIZR 8 7-183 '64
- KAZAKHSTAN—FINANCE**
Fulfilling the obligations to the budget is the law N. Kud'ishev. Nar. khoz. Kazakh. 23 no 10 73-75 O '65.
- KAZAKHSTAN—FOOD INDUSTRY—INDUSTRIAL CAPACITY**
Efficiency of capital investments and optimal capacity P. Shim. Nar. khoz. Kazakh. 23 no 10 123-23 O '65
- KAZAKHSTAN—GARLIC**
Methods for planting and space arrangement for garlic P. M. Erenburg. Trudy Resp. opyt. sta kart i ovoshch. khoz. 2 171-177 '60.
- KAZAKHSTAN—GEOGRAPHICAL RESEARCH**
Present state of the geographical science in Kazakhstan (in connection with the 3d conference of geographers of Kazakhstan). I. P. Gerasimov and others. Izv. AN SSSR, Ser. geog. no. 5 17-119 S-O '65.
- KAZAKHSTAN—GEOLOGICAL TIME**
Paleozoic intrusive complexes in the northwestern part of central Kazakhstan A. A. Korytkin. Izv. vuz. ucheb. zav. geol. i razv. 6 no 5 76-84 My '65.
- KAZAKHSTAN—GRAIN**
Moisture supply of headed spring grain crops on dry-farming areas of southeastern Kazakhstan. G. G. Beloborodova. Trudy KazNIGMI no. 24 120-132 '65.
- KAZAKHSTAN—HISTORY—BIBLIOGRAPHY**
[Bibliography of the history of Kazakhstan] Bibl. po ist. Kazakh no 1 '64.
- KAZAKHSTAN—INDUSTRIES, LOCATION OF**
Council for the study of the productive forces of the country. N. Kuz'mbaev, B. Dvorkin. Nar. khoz. Kazakh. 23 no 10 66-69 O '65.
- KAZAKHSTAN—LAW**
Alma-Ata. Universitet. Iuridicheskii fakul'tet. [Problems of government and law] Voprosy gosudarstva i prava, sbornik statei. Alma-Ata, 1963. 403 p (MI)
- KAZAKHSTAN—MERINO SHEEP**
X-ray examination characteristics of the bony structure of the Argali Merino line sheep and their crosses. V. I. Ogorodnikov. Trudy Inst. eksp. biol. AN Kazakh. SSR 11 175-181 '65.
- KAZAKHSTAN—METEOROLOGY, AGRICULTURE**
Method of evaluating the agrometeorological conditions of the autumn growth of pasture vegetation of lowland Kazakhstan and the western Caspian Sea region G. G. Beloborodova, G. I. Rubikina Trudy KazNIGMI no. 24 20-37 '65.
Methodology of evaluating the weather conditions in the period of the summer grazing of sheep on the lowland pastures of Kazakhstan A. I. Chereva Trudy KazNIGMI no 24 98-91 '65.
Quantitative indexes of the dependence of the state of sheep on weather conditions on mountain pastures during the warm period N. A. Shitnov Trudy KazNIGMI no. 24 110-115 '65
- KAZAKHSTAN—MORTAR**
Heating of inert materials without special equipment B. Kolesnik Nar. khoz. Kazakh. 23 no. 10 31-32 O '65.
- KAZAKHSTAN—MYNAILS**
Occurrence of mynah in Kazakhstan. B. I. Malyshevskii. Ornithologia no. 7 479 '65.
- KAZAKHSTAN—OIL WELL, CEMENTING**
Cementing wells in salt deposits of western Kazakhstan V. I. Belozutskii, N. I. Tikhov. Huzale no. 8 10-15 '65.
- KAZAKHSTAN—OWLET MOTIN**
Materials on the fauna and ecology of the owl Motin of Kazakhstan G. Kh. Shuk Trudy Kaz. NIIZR no 24 219 '64.
- KAZAKHSTAN—PASTURES AND MEADOWS**
Calculation of the reserves of available pastures in the soil on the pasture of Kazakhstan A. P. Ioshcherev, G. G. Beloborodova Trudy KazNIGMI no. 24 38-48 '65
Effectiveness of the utilization of summer pastures by the pasture vegetation of the north and desert regions of Kazakhstan. G. G. Beloborodova, G. I. Gerasimov Trudy KazNIGMI no. 24 12-18 '65
Method of evaluating the agrometeorological conditions for the autumn growth of pasture vegetation of lowland Kazakhstan and the western Caspian Sea region G. G. Beloborodova, G. I. Rubikina Trudy KazNIGMI no. 24 20-37 '65.
- KAZAKHSTAN—PEA TREE**
Distribution and ecology of Caragana bosqandjaya (L. ex Mey.) Poljak. I. N. Hafonova. Bot. zhur. 50 no. 2 128-130 Ag '65.
- KAZAKHSTAN—PEPPERS—VARIETIES**
Studying the biology and variety selection of pepper suitable for the canning industry A. I. Beloborodova Trudy Resp. opyt. sta kart i ovoshch. khoz. 2 121-122 '60.
- KAZAKHSTAN—PLANT DISEASES**
Fourth supplement to the list of the diseases of crop plants of Kazakhstan L. D. Kazanova. Trudy Kaz. NIIZR 6 399-401 '64.
- KAZAKHSTAN—PLANTS—FROST RESISTANCE**
Effect of late spring frost on the development of some plants in the desert steppes of central Kazakhstan. I. V. Borisova. Bot. zhur. 50 no. 5 691-694 My '65.
- KAZAKHSTAN—PLANTS, FLOWERING OF**
Diurnal rhythms of flowering and fruiting of some plants in central Kazakhstan. Z. G. Respalova. Blud. MOIP. Otd. biol. 70 no. 3 47-60 My-Je '65.
- KAZAKHSTAN—POTATOES—DISEASES AND PESTS**
Fusarium wilt of potatoes and its control. S. T. Zhurav. Trudy Kaz. NIIZR 8 388-391 '61.
- KAZAKHSTAN—POTATOES—FERTILIZERS AND MANURES**
Effect of phosphorus fertilizers on potato crops. I. N. Terekhina. Trudy Resp. opyt. sta kart i ovoshch. khoz. 2 33-41 '60

KAZAKHSTAN—PRICES

Improve the price system and practice in price determination. Sh. Napirov, Naukhoz, Kazakh. 23 no 10:52-54 O '65.

KAZAKHSTAN—RAIN AND RAINFALL

Effectiveness of the utilization of summer precipitation by the pasture vegetation of the semidesert and desert regions of Kazakhstan. G. G. Boloborodova, G. D. Gorashenko. Trudy KazNIGMI no 24:12-16 '65.

KAZAKHSTAN—ROCKS, IGNEOUS

Paleozoic intrusive complexes in the northwestern part of central Kazakhstan. A. A. Koyukin. Izv. vys. ucheb. zav., geol. i razv. 6 no 5:70-84 My '65.

Structural characteristics and the mechanism of the formation of the Kos-Murun granitoid intrusive. V. D. Vornobovskii, T. V. Pezckatina. Vest. LGU. 20 no. 16 15-21 '65.

KAZAKHSTAN—SANDGROUSE

Down of black-bellied sandgrouse. V. S. Zolotarev. Ornithologia no. 7:469-470 '65.

KAZAKHSTAN—SHEEP

Methodology of evaluating the weather conditions on the period of the summer grazing of sheep on the lowland pastures of Kazakhstan. A. I. Cherkasov. Trudy KazNIGMI no 21:88-91 '65.

Quantitative indexes of the dependence of the state of sheep on weather conditions on mountain pastures during the warm period. N. A. Shidlov. Trudy KazNIGMI no 24:110-115 '65.

Some climatic characteristics of the period of the summer grazing of sheep in Kazakhstan. A. I. Cherkasov. Trudy KazNIGMI no. 24:85-100 '65.

KAZAKHSTAN—SHEEP—DISEASES AND PESTS

Involvement of sheep in some regions of Kazakhstan. B. Abilpuev, B. A. Aldrakhanov. Trudy Inst. eksp. biol. AN Kazakh. SSR 11:241-247 '65.

KAZAKHSTAN—SHEEP BREEDING

Inheritance and variability of the wool yield and its length in the process of interspecific hybridization of the Arkhara with fine-wool sheep. A. I. Isenzhulov, E. V. Bol'shakova, A. P. Kurtova. Trudy Inst. eksp. biol. AN Kazakh. SSR 11:152-159 '65.

Kazakh Argali Merino sheep and the possibilities for the further improvement of the breed. A. I. Isenzhulov, A. I. Zhanderkhin, O. A. Prokashina. Trudy Inst. eksp. biol. AN Kazakh. SSR 11:135-151 '65.

Practices in crossbreeding sheep for market production. K. M. Ruzoznaev. Trudy Inst. eksp. biol. AN Kazakh. SSR 11:105-112 '65.

Some data on the upgrading of Argali Merino ewes with the Stavropol strain rams. D. Zhargalin, A. Isenzhulov. Trudy Inst. eksp. biol. AN Kazakh. SSR 11:219-225 '65.

Some results of crossing fine- and coarse-wool crosses with semifine-wool rams. M. K. Krotov, M. T. Katkov. Trudy Inst. eksp. biol. AN Kazakh. SSR 11:94-104 '65.

KAZAKHSTAN—SOCIAL CONDITIONS

Nusupbekov, Akai, and Khamid Bisenov. [Falsification of history and the historical truth] Falsifikatsiya istorii i istoricheskaya pravda. Alma-Ata, Kazakhstan, 1964. 217 p.

KAZAKHSTAN—SOIL MOISTURE

Calculation of the reserves of available moisture in the soil on the pastures of Kazakhstan. A. P. Fedoseev, G. G. Boloborodova. Trudy KazNIGMI no 24:35-40 '65.

Method of determining soil moisture in the regions of the arid steppe zone of Kazakhstan. A. D. Kopyt. Trudy KazNIGMI no. 24:154-166 '65.

Moisture supply of headed spring grain crops on dry-farming areas of southeastern Kazakhstan. G. G. Boloborodova. Trudy KazNIGMI no 24:120-132 '65.

KAZAKHSTAN—STEPPE FLORA

Effect of late spring frost on the development of some plants in the desert steppes of central Kazakhstan. I. V. Borisov. Bot. zhurn. 50 no. 5:691-697 My '65.

KAZAKHSTAN—STEPPESS

Method of determining soil moisture in the regions of the arid steppe zone of Kazakhstan. A. D. Kopyt. Trudy KazNIGMI no. 24:154-166 '65.

KAZAKHSTAN—STOCK AND STOCKBREEDING

There is something to learn from this farm. V. Borisenko, O. Zhelezakova. Zakup. sel'khoz. prod. no 5:23-35 My '65.

KAZAKHSTAN—SWINE BREEDING

Use of the semen of wild boars in the artificial insemination of domestic brood sows of desirable breeding types. V. A. Li and others. Trudy Inst. eksp. biol. AN Kazakh. SSR 11:53-56 '65.

KAZAKHSTAN—SWINE BREEDS

Fattening and slaughtering qualities of the new Kazakh hybrid strain swine fattened for pork. P. A. Es'kov, V. A. Li, S. U. Kaldybaev. Trudy Inst. eksp. biol. AN Kazakh. SSR 11:25-32 '65.

Genealogical structure and productive quality of the Kazakh hybrid strain swine. P. A. Es'kov, V. A. Li. Trudy Inst. eksp. biol. AN Kazakh. SSR 11:10-24 '65.

KAZAKHSTAN—TECHNICAL EDUCATION

Reliable reserve of the working class. S. I. Novikov. Naukhoz. Kazakh. 23 no 10:63-65 O '65.

KAZAKHSTAN—TEXTILE FIBERS, SYNTHETIC

Prospects and economic efficiency of the development of synthetic textile fiber production in Kazakhstan. N. S. Salybaldin, N. V. Krutikova. Khim. volokn. no. 5:65-67 '65.

KAZAKHSTAN—TOMATOES—FERTILIZERS AND MANURES

Use of the waste of the Tekeli Complex Metal Combine as fertilizers. O. M. Soboleva, A. D. Khatov, M. V. Agentova. Trudy Resp. opyt. sta. kart. i ovoshch. khoz. 2:127-131 '60.

Use of trace elements in growing tomato seedlings. O. M. Soboleva, M. V. Agentova. Trudy Resp. opyt. sta. kart. i ovoshch. khoz. 2:121-126 '60.

KAZAKHSTAN—ULTRABASITE

Akzhai massif of ultrabasic rocks (central Kazakhstan). I. I. Vishnevskaya, I. P. Trusova. Izv. vys. ucheb. zav., geol. i razv. 6 no. 5:38-53 My '65.

KAZAKHSTAN—WATER, UNDERGROUND

Living blood of the earth. I. Molai. Naukhoz. Kazakh. 23 no. 10:70-72 O '65.

KAZAKHSTAN—WHOLESALE TRADE

Trend toward direct contact. V. Mukharlov. Sov. potreb. koop. 9 no 10:6-7 '65.

KAZEM-BEK, ALEKSANDR KASIMOVICH, 1802-1870

Razev, A. G. Mirza Kazem-Bek, Baku, Azernesht, 1965. 148 p.

KAZRETI REGION (GEORGIA)—DIORITE

Some data on the quartz diorite intrusion of Kazreti (Bakhti District, Georgian S. S. R.). I. I. Naraiyev. Soob. AN Gruz. SSR 39 no. 1:109-113 Ji '65.

KEDROV, BONIFAT MIKHAILOVICH

Awarding the N. G. Chornyshevskii Prize. Vest. AN SSSR 35 no. 10:137 O '65.

KEELER, CHRISTINE, 1942-

A banal story; manners of the "free world." I. And. Novrem. 23 no. 47:25 N '65.

KELP

Nutritional value of kelp. I. A. D. Kadaner. Ryb. khoz. 41 no. 9:72-74 '65.

KEMEROVO PROVINCE—BUZZARDS

Honey buzzard Pernis ptilorhynchus orientalis Tacz. in Kemerovo Province. S. P. Chumikhin. Ornithologia no. 7:495-497 '65.

KEMEROVO PROVINCE—LIBRARY CONFERENCES

What the province conference revealed. N. Zakhar'chuk, N. Luptova. Bibliotekar' 43 no. 10:39-41 O '65.

KEMEROVO PROVINCE—PATHOANATOMICAL SOCIETIES

Work of the Kemerovo Province Society of Pathoanatomists in 1964. V. A. Bakhtiarov, V. N. Shlapnikov. Arkh. pat. 27 no. 8:80-90 '65.

KEMEROVO PROVINCE—TRADE UNION MEETINGS

Practical study is a guarantee of success. L. Orlov. Sov. profsoyuz. 21 no. 20:16-20 O '65.

KENGIR RESERVOIR—EVAPORATION (METEOROLOGY)

Braslavskii, A. P., and K. B. Shergina. [Water losses by evaporation from reservoirs of the arid zone of Kazakhstan; based on the example of the Kengir Reservoir] Poteri vody na isparenie iz vodokhranilishch zasushlivoi zony Kazakhstan; na primere Kengirakogo vodokhranilishcha. Pod obshchey red. A. P. Braslavskogo. Alma-Ata, Nauka, 1965. 225 p.

KERCH—CIVIL DEFENSE

Once more about competitions. N. Vovk. Voyn. znani. 41 no. 8:18-19 S '65.

KERCH PENINSULA—INSCRIPTIONS, GREEK

Unpublished epitaphs from Kerch and its environs. A. I. Boltunova. Vest. drev. ist. no. 2:95-101 '65.

KETENE

Reaction of alkoxypolychlorogermans with ketene. G. S. Burlachenko and others. Zhur. ob. khim. 35 no. 10:1881 O '65.

Reaction of diketene with ammonia and amides of carboxylic acids. V. I. Gumar, L. P. Ovechikina, S. I. Zay'atov. Izv. AN SSSR, Ser. khim. no. 10:1885-1890 '65.

KETMEN' RANGE—FOREST INSECTS

Insect pests of shrenk spruce in a windfall area of the Syumbe region (Ketmen' Range). Zh. Ismukhambetov. Trudy Kaz. NIIZR 8:251-251 '64.

KETMEN' RANGE—SPRUCE—DISEASES AND PESTS

Insect pests of shrenk spruce in a windfall area of the Syumbe region (Ketmen' Range). Zh. Ismukhambetov. Trudy Kaz. NIIZR 8:251-254 '64.

KETONES

Analyzing the tar complex of tobacco and of the products of its combustion. V. V. Cherkov, E. N. Shapovalov. Izv. vys. ucheb. zav. pishch. tekhn. no 5:65-69 '65.

Interaction of α , β -unsaturated ketones with trichloroacetic acid. V. F. Lavrushin and others. Zhur. ob. khim. 35 no. 9:1534-1538 S '65.

Interaction of α , β -unsaturated ketones with trichloroacetic acid. V. F. Lavrushin and others. Zhur. ob. khim. 35 no. 10:1730-1734 O '65.

Kinetic surface waves of 5-Br-2-acetylthiophene in water-methanol solutions. S. G. Mairanovskii, A. D. Filonova. Elektrokhimika 1 no 9:1044-1051 S '65.

Reaction of α , β -unsaturated ketones with trichloroacetic acid. Part 2. V. N. Tolmachev, O. F. Bobrov, V. F. Lavrushin, Zhur. ob. khim. 35 no. 10:1841-1841 O '65.

Synthesis of graft copolymers of cellulose and polymethyl vinyl ketone. A. Ia. Korotkova, Z. A. Rogovin. Vysokom. sood. 7 no. 9:1571-1575 S '65.

KHABAROVSK TERRITORY—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Solve practical problems by means of explanation. V. Gaev. Part. zhizn' no. 21:57-58 N '65.

KHABAROVSK TERRITORY—PAVEMENTS, CONCRETE

Construction of concrete pavements in winter. A. Kochegarov. Avt. dor. 28 no. 9:26 S '65.

KHANABAD REGION (UZBEKISTAN)—POLYGONUM

Joint expedition to natural places of Polygonum coriarium. S. Kh. Cheveredil, L. E. Pauzner, P. D. Sokolov. Uzb. biol. zhur. 9 no. 4:69-70 '65.

KHANKA, LAKE—BIRDS

Occurrence of birds on Lake Khanka. E. N. Panov. Ornithologia no. 7:493-494 '65.

KHANLAR (AZERBAIJAN)—MINERAL WATERS, SULFURES

Treatment of gynecologic patients with sulfide water from the Shikhiya springs by the method of underwater vaginal irrigation. T. A. Bazilan, Akush. i gin. no 1:147 '65.

KHANTY-MANSI NATIONAL AREA—BIRDS

Ornithofauna of the eastern part of the Khanty-Mansi National Area (Tyumen' Province). I. I. Gordeev. Ornithologia no. 7:466-467 '65.

KHARKOV—ELECTRIC MACHINERY INDUSTRY

Fiftieth anniversary of the Kharkov Electric Machinery Plant. Floki elektroliz 36 no. 10:1-2 O '65.

KHARKOV—MACHINE-TOOL INDUSTRY—PRODUCTION STANDARDS

Why branch norms are not applied. E. Sobolev, P. Bogdanov. Sois. trud. 10 no. 10:109-114 '65.

KHARKOV PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Tarapala, V. F. [Public participation in ideological work] Obshchestvennyye nachala v ideologicheskoi rabote. [Kharkov] Kharkovskoe knizhnoe izd-vo, 1963. 38 p. (Reshenia iun'akogo Plenuma TsK KPSS - v zhizn'!)

KHARKOV PROVINCE—MILITARY EDUCATION

And a sailor heads the committee. . . P. Baidak. Voyn. znani. 41 no. 10:45 O '65.

KHEKHTSR RANGE—BIRDS—GEOGRAPHICAL DISTRIBUTION

Ornithogeographical review of the Khekhstir Range (Amur Valley). L. V. Kuleshova, E. N. Matishkin, G. V. Kuznetsov. Ornithologia no. 7:87-107 '65.

KHETA see Hittites

KHIBINY MOUNTAINS—

Some anatomical changes in the Khibiny Mountains. Khibiny. Bot. zh. 41 no. 8:18-19 S '65.

KHITA see Hittites

KHLOPIN, GRIGORII V.

Rachkov, A. A. [Grigorii V. Khlopov and work] Grigorii V. Khlopov i ego delo. [Leningr.]

KHMELETS DISTRICT—

Topical problems of soil potatoes. M. Belous. 18-9 My '65.

- KIRGHIZISTAN—GRASSES—FERTILIZERS AND MANURES**
Oxidized coal as fertilizers for pasture in Kirghizistan. N. I. Naraiyeva, V. S. Shira-bova, Vop. inten. sel'khoz. Kir., no. 15-17 '63.
- KIRGHIZISTAN—INSECTS, INJURIOUS AND BENEFICIAL—CONTROL**
Fetoparasites of farm animals in Kirghizistan and the biological bases of the measures for their control. R. V. Gichenchuk, Vop. inten. sel'khoz. Kir., no. 187-187 '61.
- KIRGHIZISTAN—LOESS**
Using raw materials of Kirghizistan for the manufacture of cellular concrete. Strel'khit. Uzb. 6 no. 323-24, 31 Mr '65.
- KIRGHIZISTAN—MEDICINE—BIBLIOGRAPHY**
Frumze, Kirgizskii Institut kraevoi meditsiny. [Bibliography of works completed at the Kirghiz Institute of Regional Medicine, 1954-1964] Bibliografika rabot, vypolnennykh v kirgizskom institute kraevoi meditsiny 1954-1964. Frumze [1964] 54 p.
- KIRGHIZISTAN—PASTURES AND MEADOWS**
Intensification of pasture management in Kirghizistan. I. V. Vukhodtsev, Vop. inten. sel'khoz. Kir., no. 171-44 '61.
- KIRGHIZISTAN—PLANT LICE—BIOLOGICAL CONTROL**
Ants and orchard pests. IU. I. Iushinskii. Zashch. rast. ot vreditel'kh, 10 no. 716-17 '63.
- KIRGHIZISTAN—SHEEP—DISEASES AND PESTS**
Use of antibiotics in sheep raising. A. A. Volkova, Vop. inten. sel'khoz. Kir., no. 158-70 '61.
- KIRGHIZISTAN—SKIN—DISEASES**
Control of skin and venereal diseases in the Kirghiz S. S. R. on the centenary of the incorporation of Kirghizistan into Russia. A. B. Buznitshev, O. V. Bragin. Vest. dermat. i ven., no. 170-72 '65.
- KIRGHIZISTAN—SOVIETS**
Koval', K. I. [Volunteer participation in the work of a soviet] Obshchestvennye nachala v rabote soveta. Frumze, Kirgizskoe knizhnoe izd-vo, 1964, 76 p. (CS-11)
- KIRGHIZISTAN—STOCK AND STOCKBREEDING**
Use of copper and iodine salts in animal husbandry in Kirghizistan. R. N. Odynets, Vop. inten. sel'khoz. Kir., no. 171-86 '63.
- KIRGHIZISTAN—TOBACCO INDUSTRY**
"The right flank men" of the seven-year plan. Vitovetskii, Zakup. sel'khoz. prod., no. 544 My '65.
- KIRGHIZISTAN—VENEREAL DISEASES**
Control of skin and venereal diseases in the Kirghiz S. S. R., on the centenary of the incorporation of Kirghizistan into Russia. A. B. Buznitshev, O. V. Bragin. Vest. dermat. i ven., no. 170-72 '65.
- KIROV—CIVIL DEFENSE—STUDY AND TEACHING**
Training exercises even on trips. V. V. Valtosov, Voen. znani, 11 no. 1018 O '65.
- KIROV—HOTELS, TAVERNS, ETC.—DESIGN AND CONSTRUCTION**
They have been building a hotel for three years. N. Utochkin, Zhil. i kom. khoz., 16 no. 932 S '65.
- KIROV PROVINCE—KINDERGARTENS**
Life of rural kindergartens. A. Suvotova, Dozhk. vosp., 18 no. 791-82 JI '65.
- KIROV PROVINCE—PEAT INDUSTRY**
Work practices of track workers of the Olechavskaya enterprise. E. P. Vinogradov, S. V. Muzayev, Torf. prom., 12 no. 730-40 '65.
- KIROVAKAN—GAS PIPES—CORROSION**
Investigation of the corrosion state of Kirovakan gas pipelines and their protection. N. Abulan, V. Ovchilina, S. Mnatsakanov, Prom. Arm. 8 no. 746-18 JI '65.
- KIROVAKAN—TEXTILE FIBERS, SYNTHETIC**
Improving work organization at the Kirovakan Synthetic Fiber Plant. V. Akinov. Prom. Arm. 8 no. 938-39 Ag '65.
- KIROVOGRAD PROVINCE—AGRICULTURE—SAFETY MEASURES**
Not to industrial accidents. D. Zhmak. Sov. profsoyuzy 21 no. 20:20-27 O '65.
- KIROVOGRAD PROVINCE—LIBRARIES AND READERS**
For each reader. E. Rymar', Bibliotekar 43 no. 10:6-7 O '65.
- KIROVOGRAD PROVINCE—MATHEMATICS—STUDY AND TEACHING**
In the Ministry of Education of the Ukrainian S. S. R. Red. shk., 44 no. 0105-107 Ja '65.
- KIROVOGRAD PROVINCE—TRIAL PRACTICE**
Trials held out of court should be thoroughly prepared. D. Dincin. Red. prav. 28 no. 787-89 O '65.
- KIROVOGRAD PROVINCE—VETERINARY HYGIENE—STUDY AND TEACHING**
A useful beginning. N. I. Kononov. Veterinaria 42 no. 10:114 O '65.
- KIRPICHEV, VLADIMIR L'VOVICH, 1845-1913**
Scholars and engineers. Shkola i prosv. 9 no. 8:95-96 Ag '65.
- KISHCHAY VALLEY—EROSION**
Akademiya nauk Azerbaidzhanskoi SSR, Baku. Sovet po izucheniu proizvoditel'nykh sil [Flash floods in the Kishchay River basin and measures for their control] Selskoye lavleniye basseina Kishchay i meropriyatiya po bor'be s nim. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1955. 138 p.
- KISHINEV—LABOR PRODUCTIVITY**
Akademiya nauk Moldavskoi SSR, Kishinev, Institut ekonomiki. [Problems of labor productivity and industrial efficiency, from experience in the work of industrial plants of the Lenin District of the city of Kishinev] Voprosy proizvoditel'nosti tuda i effektivnosti proizvodstva, iz opyta raboty promyshlennykh predpriyatiy Leningradskogo i Moldavskogo gos. Kishineva, Kishinev, Karta moldoveniaske, 1963. 92 p.
- KISHINEV—SHOE INDUSTRY**
Efficiency promoters of the "S. Lazo" Factory. I. Avsent'ev, Kozh.-obuv. prom., 7 no. 3:33 Mr '65.
- KISHINEV REGION—WATER—POLLUTION**
Underground water pollution in the Kishinev region. S. T. Voznizhev. Ochr. priro. Mold. no. 3:15-18 '65.
- KISLOVODSK—HEALTH RESORTS, WATERING PLACES, ETC.**
Method of differential use of therapeutic nutrition in hypertension combined with adiposa under conditions of health resort treatment. R. I. Alkhafan, Zhur. eksp. i klin. med. 2 no. 5:101-108 '65.
- KISLOVODSK—MINERAL WATERS**
Therapeutic nutrition in the compound treatment of cardiovascular diseases at Kislovodsk. V. V. Tarashkevich. Shol. nauch. iab. vrach. san.-kur. uch. profsoyuzov no. 1:160-167 '64.
- KIZEL BASIN—COAL MINES AND MINING**
Breakdown in shaft No. 2 of the "Kapital'naya" mine. G. I. Kapellushnikov. Bezop. truda v prom., 8 no. 8:10-12 S '65.
- KIZHI—CHURCH ARCHITECTURE**
Kizhi, [Leningrad, Iskusstvo, 1965] 95 p. chiefly illus. (Pamiatniki drevnerusskogo zodechestva)
- KIZHI—ETHNOLOGICAL MUSEUMS AND COLLECTIONS**
Kizhi, [Leningrad, Iskusstvo, 1965] 95 p. chiefly illus. (Pamiatniki drevnerusskogo zodechestva)
- KIZIL KUM** see Kyzyl Kum
- KLAIPEDA STRAIT—SEA LEVEL**
Forecast of fluctuations of the level of the Klaipeda Strait. N. V. Lamanova, Trudy TSIP no. 112:95-97 '65.
- KLIATSKIN, ISAI GERISOVICH, 1895-**
Isai Gerisovich Kliatskin: on the occasion of his 70th birthday. Izv. vya. uch. zav., prib. 8 no. 5:163-164 '65.
- KLIMOVICH DISTRICT—SOILS—MICROBIOLOGY**
Microbiological characteristics of some soil types in Klimovich District, Mogilev Province. A. V. Kravtchava. Vestn. AN BSSR. Ser. sel'khoz. nav. no. 3:10-43 '65.
- KLIN (MOSCOW PROVINCE)—LIBRARIES**
Working youth is at the center of attention. N. Vereshchagina. Bibliotekar' 43 no. 10:24-27 O '65.
- KNEE—SURGERY**
Plastic restoration of the ligament apparatus of the knee joint by preserved homofascia. N. I. Gurgendze, Sob. AN Gruz. SSR 39 no. 1:213-218 JI '65.
- KNEE—TUBERCULOSIS**
Synovectomy in tuberculous gonitis. B. Szentkereszty, I. Schnitzler, Probl. tub. no. 7:50-61 '61.
- KNEE—TUMORS**
Capillary-convergent angelioma of the internal meniscus of the knee joint. B. K. Nachaev. Ortop., travm. i protez. 26 no. 5:51-53 My '65.
- KNEE—WOUNDS AND INJURIES**
Prophylaxis of deforming arthrosis in some injuries of the capsular and ligamental apparatus of the knee joint complicated by hemarthrosis. M. L. Abramov. Ortop., travm. i protez. 26 no. 9:61-64 S '65.
- KNIT GOODS**
Fur pieces in the use of nylon fibers in the manufacture of knit goods. M. S. Ginzur, Tekst. prom. 23 no. 10:45-18 O '65.
- Finishing of knit goods made from bulked loop yarn. M. H. Horodisko, Leh. prom., no. 2:51-52 Ap-Je '65.
- Manufacture of knit industrial fabrics and goods from synthetic fibers. V. A. Ivonov, Tekst. prom. 25 no. 10:48-19 O '65.
- Processing of No. 156 acetate yarn in the production of warp-knit goods. V. I. Hamets'ka, I. M. Poltavets', I. Dvychikova, Leh. prom., no. 2:17-19 Ap-Je '65.
- Using the chemical properties of polypropylene fibers in the manufacture of warp-knit goods. I. D. Yurkova. Tekst. prom. 23 no. 9:53-57 S '65.
- KNIT GOODS—TESTING**
Some properties of knit fabrics made from carded nylon yarn. V. M. Kiselev, Leh. prom., no. 2:11-16 Ap-Je '63.
- KNIT GOODS INDUSTRY**
(see also subdivision under Kiev)
Trends in knitwear styles for 1966. I. I. Vol'man. Tekst. prom. 23 no. 9:20-29 S '65.
- KNIT GOODS INDUSTRY—TECHNOLOGICAL INNOVATIONS** see subdivision under Kiev
- KNITTING MACHINES**
Characteristics of the "Bentley-Cotton" make knitting machines for the manufacture of outer knitwear. A. V. Skrypkova. Leh. prom., no. 2:30-32 Ap-Je '65.
- Increasing the reliability and service life of knitting machines. A. F. Vinokurskii. Tekst. prom. 25 no. 10:41-45 O '65.
- Practical stabilization of nylon yarn produced with the simplified method directly on the automatic circular hosiery machine. IU. I. Maslennikov, Leh. prom., no. 2:53-54 Ap-Je '65.
- KNOWLEDGE, THEORY OF**
Dispositional predicates in logic and the problem of "a country quality". I. S. Nusikh. Nauch. dokl. vuz. shkoly, filialy, nauki 8 no. 5:20-28 '65.
- [Problems of the logic of scientific knowledge. Participants in the discussion A. A. Subbotin and others] Problemy logiki nauchnogo poznanija. V. basede uch. ust. iust. A. A. Subbotin i dr., Moskva, Znanie, 1965, 31 p. (Novoe v zhizni, nauke, tekhnike. II Seriya. Filosofiya, no. 22)
- KNOWLEDGE, THEORY OF (RELIGION)**
Frank, S. L. [The soul of man, an introduction to philosophical psychology] Dusha cheloveka, opyt vvedeniya v filosofskuyu psikhologiju. Izd. 2. [Paris] YMCA-Press [1964] 326 p. (KU)
- KOCHERGIN, SERGEI MIKHAILOVICH, 1912-1965**
Sergei Mikhailovich Kochergin. Zhur. fiz. khim., 39 no. 9:2330 S '65.
- KOKAND—BRICK INDUSTRY**
Reconstruction... of a new plant. K. Irgashev, Ekon. i zhizn' 7 no. 7:40-41 JI '65.
- KOKAND—INDUSTRIAL MANAGEMENT**
Economic work is the main thing. V. Kazimov. Ekon. i zhizn' 7 no. 7:35-36 JI '65.
- KOKCHETAV PROVINCE—CORN (MAIZE)**
Test results of some herbicides in corn plantings of the Chenzozers of Kokchetav Province. IU. N. Geshkov. Trudy Kaz. NIIZH 8:123-128 '64.
- KOLA PENINSULA—BIBLIOGRAPHY**
Akademiya nauk SSSR. Kol'skii filial, Kirovsk. Biblioteka. [Kola Peninsula, a bibliography of Soviet literature, 1962] Kol'skii polostrov; bibliograficheski ukazatel' sovetской literatury (1962 god). Sost. M. T. Bespalova i L. B. Petrovskaya. Apaltty, 1965. 92 p.
- KOLA PENINSULA—POTATOES—FERTILIZERS AND MANURES**
Using as fertilizers the Monchegorsk mining and dressing industry by-products containing microelements. S. M. Vartapetian. Probl. Sev., no. 9:296-299 '65.
- KOLA PENINSULA—ROCKS, IGNEOUS**
[Caledonian complex of ultrabasic and alkaline rocks and carbonatites of the Kola Peninsula, and northern Karelia, geology, petrology, mineralogy and geochemistry] Kaledonskii kompleks ul'traosnovnykh, sluchetnykh i karbonatitov Kol'skogo polostrova i Severnoi Karelii; geologiya, petrologiya, mineralogiya i geokhimiya. [By] A. A. Kukharenko i dr., Moskva, Nedra, 1955. 772 p. maps (insert)

KOLCHIGIN, BOGDAN KONSTANTINOVICH

In the city of Izium, on Vysokaya Street 1A, Dav, dov
Voen, znau, 11 no 10 5 O '65.

KOLYMA RANGE—BIRDS

Biology of some mountain birds of the Kolyma Range.
A. A. Kishchinskii. Ornitologiya no. 7 217-225 '65.
Ornithological findings in the southern part of the Kolyma
Range. A. A. Kishchinskii Ornitologiya no. 7 173-
174 '65

KOLYMA RIVER—DISCOVERY AND EXPLORATION

Location of the first Russian settlement on the Kolyma
River B. P. Polivov Dokl. Inst. geogr. Sib. i Dal'
Vost. no. 2 66-75 '62

KOMANDORSKIYE ISLANDS—BIRDS IN WINTER

Winter birds of the Komandorskiye Islands S. V.
Makarov. Ornitologiya no. 7 180 '65.

KOMANDORSKIYE ISLANDS—FISHES

New data on the ichthyofauna of the Komandorskiye
Islands M. I. Kulikov. Izv. TINRO 55:249-250 '64

KOMI A.S.S.R.—AGRICULTURE—COSTS

Akademiia nauk SSSR Komi filial, Syktyvkar. [Potenti-
alities for reducing costs in the agriculture of the Komi
A.S.S.R.] Rezervy sokrashchenia zatrat i sel'skom
khoziaistvo Komi ASSR [By] V. P. Vasilenko i dr
Moskva, Nauka, 1965 178 p

KOMI A.S.S.R.—COMMUNIST PARTY OF THE SOVIET UNION

[Sketches of the history of the Komi Party Organization]
Ocherki istorii Komi partinnoi organizatsii. Syktyvkar,
Komi knizhnoe izd-vo, 1964. 427 p.
(CSI-II)

KOMI A.S.S.R.—ELECTRIC POWER DISTRIBUTION

Problems of developing small-scale power systems in the
forest zone, as exemplified by the northwestern part of
the R.S.F.S.R. A. T. Amufriev Probl. Sev. no. 9-
102-103 '65.

KOMISSAROVKA REGION (UKRAINE)—FOREST SOILS

Infestation of soil with weed seeds under oak and locust
stands in the ordinary Chernozem zone of the Ukrainian
S.S.R. (Komissarovka forest). M. A. Al'bitskaya. Bot.
zhur. 50 no. 8 1092-1104 '65.

KOMODO ISLAND—BOTANY

Flora and vegetation of Komodo Island in Indonesia. S. G.
Saakov. Bot. zhur. 50 no. 8 1105-1108 Ag '65

KONRADI, GEORGH PAVLOVICH, 1905-

Georgii Pavlovich Konradi, on his 60th birthday. Fiziol.
zhur. 51 no. 7 931-932 '65

KOPETDAG—FRUIT

Wild fruit resources of Kopetdag. N. I. Vavilov. Rast.
res. 1 no. 3 450-451 '65.

KORBAKOV, VLADIMIR NIKOLAEVICH, 1922-

D'jakonitsyn, L. F. Vladimir Nikolaevich Korbakov,
Leningrad, Khudozhnik RFSFR, 1964. 35 p. illus.
(NIC) (Ncu)

KOREA—ECONOMIC GEOGRAPHY

Gorbunova, M. N. [Korea, Mongolia] Koreia.
Mongolia. [By] D. N. Kostinskii. Moskva,
Geografiz, 1956 28 p. (Strany Azii, geograficheskie
spisavki)

KOREA, NORTH—COMMUNIST PARTY

Twenty years of the Workers' Party of Korea: report of
the chairman of the Central Committee of the Workers'
Party of Korea, Comrade Kim Il-sung at the festive
session in Pyongyang, on October 10, 1965, on the
occasion of the 20th anniversary of the foundation of
the Workers' Party of Korea. Part, zhizn' no. 22:65-
71 N '65.

KORIAK, LIUBOV'

Sisters. M. Ivanov. Sov. voen 10 no. 17:14 Ag '61.

KORNICHUK, OLEKSANDR

Celebrating the jubilees of M. Sholokov and O. Kornichuk.
Rad. lit. 9 no. 9:95 S '65.

"Of the people" is an ancient pleasure. Rad. lit. 9 no. 5:
on 22 '65

KORSHYKOV, OLEKSANDR ARKADIOVICH, 1889-

O. A. Korshykov, on his 75th birthday O. M. Malvilenko.
Ukr. bot. zhur. 22 no. 4 110-112 '65.

KORYAK RANGE—GEOLOGY

Ancient geological formations of the Koryak Range and
their place and role in its geotectonic development T. M.
Rusakov, A. I. Trukhalev. Izv. zap. NIIGA, Reg. geol.
no. 3 129-184 '64.

KORYAK RANGE—HOUSE MARTIN

House martins of the Koryak Range. N. M. Svatkov.
Ornitologiya no. 7:487 '65.

KOSCHAGYL (KAZAKHSTAN)—PETROLEUM PRODUCTION

From unprofitable to profitable ones K. Akmanov,
S. Dzhaliev. Na. khoz. Kazakh 23 no. 10,60-62 O
'65

KOSMODEM'YANSKAIA, LIUBOV' TIMOFEEVNA

Mothers of courageous heroines. N. Anchinskaya. Sov.
voen 46 no. 17 15 Ag '61.

KOSTRIKIN, IURII MAKSIMOVICH, 1905-

I. M. Kostikkin, on his 60th birthday Teploenergetika
12 no. 11 95 N '65

KOSTROMA PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION

[Economics, the compass of industry] Ekonomika -
kompas proizvodstva. [Kostroma] Kostromskoe
knizhnoe izd-vo, 1963. 142 p.
(CSI-II)

KOSTROMA PROVINCE—INDUSTRIES

[Economics, the compass of industry] Ekonomika -
kompas proizvodstva. [Kostroma] Kostromskoe
knizhnoe izd-vo, 1963. 142 p.
(CSI-II)

KOTEL'NICH DISTRICT—BERRIES

Yield of wild berries in various forest types of Kotel'-
nich District, Kirov Province. A. A. Skriabina, G. G.
Kotzheva. Rast. res. 1 no. 3 423-425 '65.

KOTLAS (ARCHANGEL PROVINCE)—WOODPULP INDUSTRY

Studies of a giant of the technical chemistry A. S.
Shtchenko. Bum. prom. no. 9 21-22 S '65.

KOTSIBYNS'KYI, MYKHAILO, 1864-1913

Expresser of the thoughts of the people. Iurii Rozenblum
Sov. voen 16 no. 17,25 Ag '64.

KOVALEVA, OL'GA VASIL'EVNA, 1881-1962

Sidel'nikov, V. M. Ol'ga Vasil'evna Kovalova. Moskva,
Muzyka, 1964 47 p. (Narodnye pevtsy i muzykanty)
(NIC)

KOVLER, NADEZHDA L'VOVNA

Vocation and years. V. Zhuravov. Voen. znau. 41 no. 10-
16 O '65.

KOZ'MINA, NATALIA PETROVNA, 1905-

Professor Natalia Petrovna Koz'mina, on the occasion
of her 60th birthday Izv. vys. ucheb. zav. pishch. tekhn.
no. 5 7-8 '65

KOZYREV, BORIS PAVLOVICH, 1885-

Professor B. P. Kozirev, on his 70th birthday. N. P.
Bogoroditskii and others. Elektricheskoe no. 9,89
S '65.

KRAKOW—UNIVERSITIES AND COLLEGES

The 600th anniversary of the Jagiellonian University
in Krakow. Vladyslav Storchyk. Ukr. iat. zhur. 8
no. 3 122-126 My-Je '64.

KRAMATORSK—PAINTERS

Artist and propagandist. N. Shaflov. Agitator 33
no. 10:13 My '65.

KRASIN, LEONID BORISOVICH, 1870-1926

Krasin, L. B. [L. B. Krasin, Soviet diplomat] L. B.
Krasin, sovetskii diplomat. Moskva, Izd-vo sots.-
ekon. lit-y, 1962. 204 p.
(NN)

KRASNODAR—CONSTRUCTION INDUSTRY—SCHEDULING

The dispatching service of a trust. S. Voloshin, I. Tiab-
chenko. Ekon. stroit. no. 10:41-43 O '65.

KRASNODAR TERRITORY—ADMINISTRATIVE AND POLITICAL DIVISIONS

Krasnodarskiy kray. Ispolnitel'nyi komitet [Krasnodar
Territory, administrative and territorial divisions]
Krasnodarskiy kraj, administrativno-territorial'noe dele-
nie. [Krasnodar] Krasnodarskoe knizhnoe izd-vo,
1964 163 p

KRASNODAR TERRITORY

Agencies of the north Krasnodar Territory.
M. I. Bogdanova. Izv. zap. NIIGA, Reg. geol.
no. 6 109-196 '61

KRASNODAR TERRITORY

Mechanized station for the extraction of toxic chemical
solutions. Inform. listok 3:22-23 '65

KRASNODAR TERRITORY

Dinskoy Chumnyy and others. N. V. Zolotarev,
skil. Koms. iay. prom. 10 no. 10:10-11, 10:12-13, 10:14-15, 10:16-17, 10:18-19, 10:20-21, 10:22-23, 10:24-25, 10:26-27, 10:28-29, 10:30-31, 10:32-33, 10:34-35, 10:36-37, 10:38-39, 10:40-41, 10:42-43, 10:44-45, 10:46-47, 10:48-49, 10:50-51, 10:52-53, 10:54-55, 10:56-57, 10:58-59, 10:60-61, 10:62-63, 10:64-65, 10:66-67, 10:68-69, 10:70-71, 10:72-73, 10:74-75, 10:76-77, 10:78-79, 10:80-81, 10:82-83, 10:84-85, 10:86-87, 10:88-89, 10:90-91, 10:92-93, 10:94-95, 10:96-97, 10:98-99, 10:100-101, 10:102-103, 10:104-105, 10:106-107, 10:108-109, 10:110-111, 10:112-113, 10:114-115, 10:116-117, 10:118-119, 10:120-121, 10:122-123, 10:124-125, 10:126-127, 10:128-129, 10:130-131, 10:132-133, 10:134-135, 10:136-137, 10:138-139, 10:140-141, 10:142-143, 10:144-145, 10:146-147, 10:148-149, 10:150-151, 10:152-153, 10:154-155, 10:156-157, 10:158-159, 10:160-161, 10:162-163, 10:164-165, 10:166-167, 10:168-169, 10:170-171, 10:172-173, 10:174-175, 10:176-177, 10:178-179, 10:180-181, 10:182-183, 10:184-185, 10:186-187, 10:188-189, 10:190-191, 10:192-193, 10:194-195, 10:196-197, 10:198-199, 10:200-201, 10:202-203, 10:204-205, 10:206-207, 10:208-209, 10:210-211, 10:212-213, 10:214-215, 10:216-217, 10:218-219, 10:220-221, 10:222-223, 10:224-225, 10:226-227, 10:228-229, 10:230-231, 10:232-233, 10:234-235, 10:236-237, 10:238-239, 10:240-241, 10:242-243, 10:244-245, 10:246-247, 10:248-249, 10:250-251, 10:252-253, 10:254-255, 10:256-257, 10:258-259, 10:260-261, 10:262-263, 10:264-265, 10:266-267, 10:268-269, 10:270-271, 10:272-273, 10:274-275, 10:276-277, 10:278-279, 10:280-281, 10:282-283, 10:284-285, 10:286-287, 10:288-289, 10:290-291, 10:292-293, 10:294-295, 10:296-297, 10:298-299, 10:300-301, 10:302-303, 10:304-305, 10:306-307, 10:308-309, 10:310-311, 10:312-313, 10:314-315, 10:316-317, 10:318-319, 10:320-321, 10:322-323, 10:324-325, 10:326-327, 10:328-329, 10:330-331, 10:332-333, 10:334-335, 10:336-337, 10:338-339, 10:340-341, 10:342-343, 10:344-345, 10:346-347, 10:348-349, 10:350-351, 10:352-353, 10:354-355, 10:356-357, 10:358-359, 10:360-361, 10:362-363, 10:364-365, 10:366-367, 10:368-369, 10:370-371, 10:372-373, 10:374-375, 10:376-377, 10:378-379, 10:380-381, 10:382-383, 10:384-385, 10:386-387, 10:388-389, 10:390-391, 10:392-393, 10:394-395, 10:396-397, 10:398-399, 10:400-401, 10:402-403, 10:404-405, 10:406-407, 10:408-409, 10:410-411, 10:412-413, 10:414-415, 10:416-417, 10:418-419, 10:420-421, 10:422-423, 10:424-425, 10:426-427, 10:428-429, 10:430-431, 10:432-433, 10:434-435, 10:436-437, 10:438-439, 10:440-441, 10:442-443, 10:444-445, 10:446-447, 10:448-449, 10:450-451, 10:452-453, 10:454-455, 10:456-457, 10:458-459, 10:460-461, 10:462-463, 10:464-465, 10:466-467, 10:468-469, 10:470-471, 10:472-473, 10:474-475, 10:476-477, 10:478-479, 10:480-481, 10:482-483, 10:484-485, 10:486-487, 10:488-489, 10:490-491, 10:492-493, 10:494-495, 10:496-497, 10:498-499, 10:500-501, 10:502-503, 10:504-505, 10:506-507, 10:508-509, 10:510-511, 10:512-513, 10:514-515, 10:516-517, 10:518-519, 10:520-521, 10:522-523, 10:524-525, 10:526-527, 10:528-529, 10:530-531, 10:532-533, 10:534-535, 10:536-537, 10:538-539, 10:540-541, 10:542-543, 10:544-545, 10:546-547, 10:548-549, 10:550-551, 10:552-553, 10:554-555, 10:556-557, 10:558-559, 10:560-561, 10:562-563, 10:564-565, 10:566-567, 10:568-569, 10:570-571, 10:572-573, 10:574-575, 10:576-577, 10:578-579, 10:580-581, 10:582-583, 10:584-585, 10:586-587, 10:588-589, 10:590-591, 10:592-593, 10:594-595, 10:596-597, 10:598-599, 10:600-601, 10:602-603, 10:604-605, 10:606-607, 10:608-609, 10:610-611, 10:612-613, 10:614-615, 10:616-617, 10:618-619, 10:620-621, 10:622-623, 10:624-625, 10:626-627, 10:628-629, 10:630-631, 10:632-633, 10:634-635, 10:636-637, 10:638-639, 10:640-641, 10:642-643, 10:644-645, 10:646-647, 10:648-649, 10:650-651, 10:652-653, 10:654-655, 10:656-657, 10:658-659, 10:660-661, 10:662-663, 10:664-665, 10:666-667, 10:668-669, 10:670-671, 10:672-673, 10:674-675, 10:676-677, 10:678-679, 10:680-681, 10:682-683, 10:684-685, 10:686-687, 10:688-689, 10:690-691, 10:692-693, 10:694-695, 10:696-697, 10:698-699, 10:700-701, 10:702-703, 10:704-705, 10:706-707, 10:708-709, 10:710-711, 10:712-713, 10:714-715, 10:716-717, 10:718-719, 10:720-721, 10:722-723, 10:724-725, 10:726-727, 10:728-729, 10:730-731, 10:732-733, 10:734-735, 10:736-737, 10:738-739, 10:740-741, 10:742-743, 10:744-745, 10:746-747, 10:748-749, 10:750-751, 10:752-753, 10:754-755, 10:756-757, 10:758-759, 10:760-761, 10:762-763, 10:764-765, 10:766-767, 10:768-769, 10:770-771, 10:772-773, 10:774-775, 10:776-777, 10:778-779, 10:780-781, 10:782-783, 10:784-785, 10:786-787, 10:788-789, 10:790-791, 10:792-793, 10:794-795, 10:796-797, 10:798-799, 10:800-801, 10:802-803, 10:804-805, 10:806-807, 10:808-809, 10:810-811, 10:812-813, 10:814-815, 10:816-817, 10:818-819, 10:820-821, 10:822-823, 10:824-825, 10:826-827, 10:828-829, 10:830-831, 10:832-833, 10:834-835, 10:836-837, 10:838-839, 10:840-841, 10:842-843, 10:844-845, 10:846-847, 10:848-849, 10:850-851, 10:852-853, 10:854-855, 10:856-857, 10:858-859, 10:860-861, 10:862-863, 10:864-865, 10:866-867, 10:868-869, 10:870-871, 10:872-873, 10:874-875, 10:876-877, 10:878-879, 10:880-881, 10:882-883, 10:884-885, 10:886-887, 10:888-889, 10:890-891, 10:892-893, 10:894-895, 10:896-897, 10:898-899, 10:900-901, 10:902-903, 10:904-905, 10:906-907, 10:908-909, 10:910-911, 10:912-913, 10:914-915, 10:916-917, 10:918-919, 10:920-921, 10:922-923, 10:924-925, 10:926-927, 10:928-929, 10:930-931, 10:932-933, 10:934-935, 10:936-937, 10:938-939, 10:940-941, 10:942-943, 10:944-945, 10:946-947, 10:948-949, 10:950-951, 10:952-953, 10:954-955, 10:956-957, 10:958-959, 10:960-961, 10:962-963, 10:964-965, 10:966-967, 10:968-969, 10:970-971, 10:972-973, 10:974-975, 10:976-977, 10:978-979, 10:980-981, 10:982-983, 10:984-985, 10:986-987, 10:988-989, 10:990-991, 10:992-993, 10:994-995, 10:996-997, 10:998-999, 10:1000-1001, 10:1002-1003, 10:1004-1005, 10:1006-1007, 10:1008-1009, 10:1010-1011, 10:1012-1013, 10:1014-1015, 10:1016-1017, 10:1018-1019, 10:1020-1021, 10:1022-1023, 10:1024-1025, 10:1026-1027, 10:1028-1029, 10:1030-1031, 10:1032-1033, 10:1034-1035, 10:1036-1037, 10:1038-1039, 10:1040-1041, 10:1042-1043, 10:1044-1045, 10:1046-1047, 10:1048-1049, 10:1050-1051, 10:1052-1053, 10:1054-1055, 10:1056-1057, 10:1058-1059, 10:1060-1061, 10:1062-1063, 10:1064-1065, 10:1066-1067, 10:1068-1069, 10:1070-1071, 10:1072-1073, 10:1074-1075, 10:1076-1077, 10:1078-1079, 10:1080-1081, 10:1082-1083, 10:1084-1085, 10:1086-1087, 10:1088-1089, 10:1090-1091, 10:1092-1093, 10:1094-1095, 10:1096-1097, 10:1098-1099, 10:1100-1101, 10:1102-1103, 10:1104-1105, 10:1106-1107, 10:1108-1109, 10:1110-1111, 10:1112-1113, 10:1114-1115, 10:1116-1117, 10:1118-1119, 10:1120-1121, 10:1122-1123, 10:1124-1125, 10:1126-1127, 10:1128-1129, 10:1130-1131, 10:1132-1133, 10:1134-1135,

KRASNOYARSK TERRITORY—FUR FARMING

Everyday life of a cooperative animal fur m. P. Gitan. Sov. polit. i khoz. 9 no. 10 23 '65

KRASNOYARSK TERRITORY—LARCH

Methods of improving the seed quality of *Larix sibirica*. T. V. Buravskaya. Rast. res. 1 no. 3 432-435 '65.

KRASNOYARSK TERRITORY—LUMBERING—LABOR PRODUCTIVITY

Factors increasing the labor productivity in the exploitation of forests in the Krasnoyarsk area of the Angara Valley. V. K. Natchukhi. Trudy VSNII Lesdrev. no. 10 56-61 '65.

KRASNOYARSK TERRITORY—WARBLENS

Nesting of Temminck's grasshopper warbler and Pallas's grasshopper warbler in the Krasnoyarsk Territory. R. I. Nuzinov, G. S. Kuzlenko. Ornitologiya no. 7-83-98 '65.

KRASNOYARSK TERRITORY—WOOD-USING INDUSTRIES

Forest industry centers as the basis of the development of the lumbering and woodworking industry. I. M. Denikin. Trudy VSNII Lesdrev. no. 10 39-47 '65.

KRASNY OSKOL RESERVOIR—PERCH—DISEASES AND PESTS

Neurhoma in a perch. E. A. Pinkel'shtein, L. K. Danchenko-Ryzhikova. Arkh. pat. 27 no. 10 81-84 '65.

KHAVKOV, NIKOLAI PAVLOVICH, 1805-1924

Nikolai Pavlovich Khavkov and his theory of vascular function, on the centenary of his birth. V. A. Val'dman. Fiziol. zhur. 51 no. 7 897-899 '65.

KREMENCHUG RESERVOIR—WATER—ANALYSIS

Characteristics of the hydrochemical regimen of Kremenchug Reservoir under ice. A. I. Denisova. Gidrobiol. zhur. 1 no. 4 61-63 '65.

KRUMENETS (UKRAINE)—COURT RECORDS

The forms of documents included in the collection of records of the court of the Kremenchuk Zemstvo. V. D. Chumalova. Ist. dzhur. i ikh vyk. no. 1 203-209 '64.

Specific paleographic features of the collection of Kremenchuk court records of the 16th century. Z. S. Khachatryan. Ist. dzhur. i ikh vyk. no. 1 195-202 '61.

KRIVOY ROG BASIN—IRON MINES AND MINING—ECONOMIC ASPECTS

Determining the economic efficiency of capital investments in the exploitation of Krivoy Rog mining and ore dressing combines. G. N. Muromtseva. Met. i gornorud. prom. no. 1 50-59. II-Ag '65.

Possibilities of reducing losses and depletion of ores in the Krivoy Rog Basin. G. S. Zymalov, D. S. Maldan. Met. i gornorud. prom. no. 1 54-56. II-Ag '65.

KRIVOY ROG BASIN—IRON MINES AND MINING—EQUIPMENT AND SUPPLIES

Use of automatic devices at the Krivoy Rog Basin mines. V. T. Kobevnik. Gor. zhur. no. 8 36-30 Ag '65.

KRIVOY ROG BASIN—ORE DRESSING

Design, construction, and starting operations at Ore Dressing Plant No. 2 of the Krivoy Rog Southern Mining and Ore Dressing Combine. M. I. Mangkov, N. N. Dolonkin, D. V. Ippinov. Trudy Mekhanobr. no. 133 148-177 '63.

Technology of dressing Krivoy Rog Basin magnetite ores. S. G. Ivaslovich. Trudy Mekhanobr. no. 133 178-212 '63.

KRIVOY ROG BASIN—ORE DRESSING PLANTS—EQUIPMENT AND SUPPLIES

Analysis of the efficiency of work output of the automated ore dressing section in the Krivoy Rog Central Mining and Ore Dressing Combine. A. S. Davidovich and others. Met. i gornorud. prom. no. 1 64. II-Ag '65.

KRIVOY ROG BASIN—ORES—ANALYSIS

Rapid analysis of iron-containing components of partially reducible pellets of Krivoy Rog ores. V. N. Andronov, E. B. Syrovatskii, B. V. Chiklin. Zav. lab. 31 no. 9 1102-1103 '65.

KRIVOY ROG BASIN—ORES—SAMPLING AND ESTIMATION

Analysis of certain problems in the methodology of the technological investigation of iron ore deposits using the example of the New Krivoy Rog deposit of iron quartzites. S. F. Chernopiatov. Trudy Mekhanobr. no. 133 252-280 '63.

KRIVOY ROG BASIN—STRIP MINING

Efficiency of the organization of boring and blasting operations in the Krivoy Rog Basin open-cut mines. G. T. Korotkiy. Nauch. sob. IG D 24 40-45 '65.

KRIVOY ROG BASIN—TAILINGS (METALLURGY)

Peculiarities of the flotation of iron oxides from magnetic separation tailings at the Central Mining and Ore Dressing Combine. B. V. Malygin. Gor. zhur. no. 8 60-67 Ag '65.

KHIVOYE LAKE (NOVOSIBIRSK PROVINCE)—PHYTOPLANKTON

Winter phytoplankton in Lake Krivoye of the Kanasak River system. V. I. Ermolov. Trudy TSBS no. 10 15-19 '65.

KRONOTSKIY PRESERVE—EAGLES

Biology of Kamchatka sea eagle (*Haliaeetus pelagicus* Pall.). E. M. Chernikin. Ornitologiya no. 7-272-275 '65.

KROTOV, BORIS

He never had the time... A. Sakharov. Voen. znani 41 no. 10 110 '65.

KRUPSKAYA, NADEZHDA KONSTANTINOVNA, 1869-1939

Spirit of the cause. E. Seglin. Bibliotekar' 43 no. 10 1-3 '65.

KRYPTON

Absorption of krypton on thermally treated platinum films. I. A. Ydamek, V. D. Nagodovskii, V. M. Griaznov. Kin i kat. 6 no. 3-4 485-492 My-Je '65.

Effect of krypton on the performance of a thermionic converter. F. S. Bekmukhametov, I. K. Gus'kov, S. I. A. Lebedev. Zhur. tekhn. fiz. 35 no. 9 1707-1709 S '65.

KUDA DISTRICT—SPRAYING AND DUSTING IN AGRICULTURE

Kuda detachment of "Sel'khoztekhnika." G. Godzhlov. Zashch. rast. ot vreditel. 10 no. 7 7-8 '65.

KUBAN—MINT (BOTANY)

Losses of mint oil in the state farm factories of the Kuban, and ways of their elimination. N. M. Zhadanov. Maslozhir. prom. 31 no. 7 27-28. II '65.

KUBAN—OIL INDUSTRIES

Losses of mint oil in the state farm factories of the Kuban, and ways of their elimination. N. M. Zhadanov. Maslozhir. prom. 31 no. 7 27-28. II '65.

KUBAN—OIL WELLS—HYDRAULIC FRACTURING

Using a water-oil emulsion as a fracture liquid and liquid sand-carrier. G. M. Shved. Neftprom. delo no. 6 17-19 '65.

KUBAN—STATE FARMS

Needs of the faltering state farms in the Kuban. G. Denisenko. Zakup. sel'khoz. prod. no. 5 12-14 My '65.

KUD'MA VALLEY (GORKY PROVINCE)—FIELD CROPS—FERTILIZERS AND MANURES

Use floodland soils intensively. I. M. Kodanov, I. L. Kuntova. Zemledel. 27 no. 9 54-55 S '65.

KUDRIN, SERGEI ALEKSANDROVICH, 1903-1965

In memory of Professor A. A. Kudrin. Zemledel. 27 no. 10 88 O '65.

KUKHMESTEROV, EPIM FEDOROVICH, 1881-1922

Mandragin, A. A. [To the last breath] Do poslednego dykhania. [Moskva] Mosk. rabochi, 1965. 183 p.

KUKESVUMCHORR REGION (MURMANSK PROVINCE)—MINING ENGINEERING

Important wall-rock sealing at the Kukavuzhe ore deposits and safety measures during its caving. R. S. Permjakov and others. Bezop. truda v prom. 9 no. 9 35-39 S '65.

KULUNDA STEPPE—FUNGI, PHYTOPATHOGENIC

Species of the agents of fungus diseases of trees and shrubs in shelterbelts of the Kulunda Steppe. M. V. Nozdrenko. Trudy TSBS no. 10 140-150 '65.

KULUNDA STEPPE—WINDBREAKS, SHELTERBELTS, ETC.

Species of the agents of fungus diseases of trees and shrubs in shelterbelts of the Kulunda Steppe. M. V. Nozdrenko. Trudy TSBS no. 10 140-150 '65.

KUM-DAO REGION—OIL WELLS—HYDRAULIC FRACTURING

Results of the use of fine sand in hydraulic fracturing. G. G. Solomatina, M. A. Akhmetshin, R. T. Kurbanov. Neftprom. delo no. 6 21-23 '65.

KUNAKOV, KONSTANTIN ALEKSANDROVICH, 1900-1961

K. A. Kunakov. Trudy Ver. med. inst. 51:3-5 '63.

KUNASHIR ISLAND—BACTERIA, AEROBIC

Ecology and taxonomy of aerobic obligately thermophilic bacteria isolated from thermal zones of the Yan-gan-Tau Mountain and the Kunashir Island of the Kurile Islands chain. R. S. Golovacheva, L. A. Iggorova, L. G. Logonova. Mikrobiologiya 34 no. 5 801-807 S-O '65.

KUNASHIR ISLAND—PIGEONS

Green pigeon *Sphenurus aleboldii* Temm. on the Kunashir Island. V. A. Nechaev. Ornitologiya no. 7 482-483 '65.

KUNGEY ALATAU—CLOUDS

Air-mass convective clouds and shower precipitation on the Kungey-Alatau. L. F. Medvedeva, N. N. Romanov. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 20 150-152 '65.

KUNGEY ALATAU—PRECIPITATION (METEOROLOGY)

Air-mass convective clouds and shower precipitation on the Kungey-Alatau. L. F. Medvedeva, N. N. Romanov. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 20 150-152 '65.

KUPAYNA (MOSCOW PROVINCE)—WOOL INDUSTRY

Rozhnova, M. I. [We are from Kupayna] My iz Kupayna. Moskva, Sovetskaya Rossiya, 1962. 86 p.

KUPRIN, ALEKSANDR IVANOVICH, 1870-1938

At the sources of A. I. Kuprin's works (chapter from a monograph). F. I. Kuleshov. Uch. zap. Iuzh.-Sakh. gos. ped. inst. 1:131-173 '67.

KURA LOWLAND—IRRIGATION FARMING

Improve the use of irrigated soils. R. F. Mamedov. Zemledel. 27 no. 11 31-34 N '65.

KURA LOWLAND—STEPPE FLORA

Phenology and dynamics of the aerial part of the natural vegetation in the semidesert of Shirvan as related to meteorological conditions. S. U. Aliev. Izv. AN Azerb. SSR Ser. biol. nauk no. 3 38-44 '65.

KURASHOV, SERGEI VLADIMIROVICH, d. 1965

Sergei Vladimirovich Kurashov; an obituary. Zhur. nevr. i psikh. 65 no. 10 1598-1599 '65.

KURBSKII, ANDREI MIKHAILOVICH, d. 1883

Kurbetskii's "History of the Great Duke of Moscow" in two foreign editions. V. B. Kobrin. Vop. ist. 40 no. 10 174-177 O '65.

KURGAL'DZHINO DISTRICT—GRAIN—HARVESTING

Combines operate by night. F. Ramazanov, N. Zaden-bayev. Tekhn. v sel'khoz. 25 no. 6 81-82 Je '65.

KURGAN PROVINCE—MUSTARD

Economics of the protection of mustard. A. Goloschchapov. Zashch. rast. ot vreditel. 10 no. 7 9 '65.

KURGAN PROVINCE—SPRAYING AND DUSTING IN AGRICULTURE

Economics of the protection of mustard. A. Goloschchapov. Zashch. rast. ot vreditel. 10 no. 7 9 '65.

KURGAN PROVINCE—TILLAGE

Maltsev's tillage system overcomes drought. E. Makeev. Zemledel. 27 no. 11 73-74 N '65.

KURILE ISLANDS—AUKS

Distribution of crested auklet in the Kurile Islands. A. N. Belkin, A. G. Velichkin. Ornitologiya no. 7 457 '65.

KURILE ISLANDS—BIRDS

Ornithological findings in the southern Kurile Islands. V. A. Nechaev. Ornitologiya no. 7 122-129 '65.

KURILE ISLANDS—EARTHQUAKES

Solov'ev, S. L. [Earthquakes and tsunamis on October 13 and 20, 1963 in the Kurile Islands] Zemletrasenia i tsunامي 13 i 20 oktyabrya 1963 goda na Kuril'skikh ostrovakh. Uzhno-Sakhalinsk, [Uzhno-Sakhalinsk] 1965. 100 p.

KURILE ISLANDS—GEOLOGY, STRATIGRAPHIC

Miocene sediments of the Kurile Islands. G. P. Vargunov, A. F. Pristukhina. Dokl. AN SSSR 164 no. 6 1359-1362 O '65.

KURILE ISLANDS—TIDAL WAVES

Solov'ev, S. L. [Earthquakes and tsunamis on October 13 and 20, 1963 in the Kurile Islands] Zemletrasenia i tsunامي 13 i 20 oktyabrya 1963 goda na Kuril'skikh ostrovakh. Uzhno-Sakhalinsk, [Uzhno-Sakhalinsk] 1965. 100 p.

KUROCHKIN, VLADIMIR MIKHAILOVICH

Falcon of the Urals. I. Kekkelev. Kryn. rod. 16 no. 6 18 Je '65.

KUROSHIO

Seasonal changes in the hydrologic structure and hydrologic characteristics of the Kuroshio and California Current. I. V. Mikerov. Trudy GOIN no. 84 225-242 '65.

LABOR AND LABORING CLASSES (Continued)

The industrial labor force in the U.S.S.R. from 1911-1955. S. I. Senitsyn, M. I. Khrushov. Vop, ist. 10 no. 10 29-35 O '65

Kopler, M. M. [Status of the laboring classes in capitalist countries, a lecture] Polozhenie rabochego klassa v kapitalisticheskikh stranakh, Ieksp. Moskva, Mysl', 1965. 78 p. (CSU-II)

The labor class of developed capitalist countries. IU, Boiko. Mir, ekon. i mezhdunar. otn. no. 11 41-58 '65.

Organizing practical sociological research on physical education and sports among workers. V. I. Zhodak, F. P. Tishchenkov. Teor. i prakt. fiz. kul't. 20 no. 8 50-54 Ag '65.

[Road beyond the horizon, sketches on the standard-bearers of communist labor] Doroga za gorizont, ocherki o znayemostykh kommunisticheskogo truda [Moskva] Profizdat, 1961. 223 p. (NIC)

Role of the ethical factor in present-day industrial production. G. G. Filippov. Nauch. dokl. vys. shkoly, filos. nauki 8 no. 5, 17-54 '65.

The tie with the masses as an inevitable condition of the successful activity of party organizations. F. Panachin. Part. zhizn' no. 22-15-23 N '65.

Universal labor and problems of the efficient utilization of the labor force in the U.S.S.R. E. Manevich. Vop. ekon. no. 6, 23-30 Je '65.

LABOR AND LABORING CLASSES—EDUCATION see subdivision under Dnieper Economic region

LABOR AND LABORING CLASSES—STATISTICS see subdivision under Ukraine

LABOR AND LABORING CLASSES IN LITERATURE

Theme of the labor movement in the German progressive novel at the beginning of the 1930's. N. V. Klishchuk. Uch. zap. Iuzh.-Sakh. gos. ped. inst. 12:15-273 '57.

LABOR CLASSIFICATION

(see also subdivision under Czechoslovakia)

Change of the content and character of work under socialism. V. I. A. Sotlov. Nauch. dokl. vys. shkoly, filos. nauki 9 no. 5, 10-16 '65.

LABOR DISCIPLINE

A group of volunteers to struggle against the violations of labor discipline. A. Ermaikova. Sov. iust. 20 no. 16 23-24 O '65.

Legal regulation concerning the labor discipline of workers and salaried employees in the U.S.S.R. N. N. Borodina. Sov. gos. i pravo 35 no. 10 115-119 O '65.

Responsibility of workers and employees for the violation of labor discipline. R. Livshits. Prom. Akm. 8 no. 7: 68-72 Ji '65.

The word instructs, example leads. S. Zuev. Sov. prof. sozlyu 21 no. 21, 16-17 N '65.

LABOR DISPUTES

Prevent violations and you will prevent disputes. A. Stavitskaia. Sov. prof. sozlyu 21 no. 20: 28-29 O '65.

LABOR INCENTIVES see Incentives in industry

LABOR LAWS AND LEGISLATION

(see also subdivision under United States)

Legal regulation concerning the labor discipline of workers and salaried employees in the U.S.S.R. N. N. Borodina. Sov. gos. i pravo 35 no. 10 115-119 O '65.

Survey of the legislation on labor and judicial practice. Sots. trud 10 no. 10: 150-152 '65.

Usenkin, V. L., and M. V. Dagnal. [Legal regulation of labor in capitalist countries] Pravovoe regulirovanie truda v kapitalisticheskikh stranakh. Moskva, Gos. izd-vo iurid. lit-ry, 1963. 212 p. (WU)

LABOR LAWS AND LEGISLATION—CASES

Our replies to questions. Sov. iust. 29 no. 10: 30 O '65.

LABOR PASSPORTS

Labor passport. Sots. obzr. 26 no. 11: 55-57 N '65

LABOR PRODUCTIVITY

(see also subdivision under Armenia; Kishinov)

Effect of sports on labor productivity. A. I. Ushin. Teor. i prakt. fiz. kul't. 28 no. 10: 53-55 O '65.

Finances and incentives for the growth of labor productivity. R. Vinokur. Fin. SSSR 30 no. 10: 26-30 O '65.

Method of the interbranch planning for communal labor productivity. M. Breev. Sots. trud 10 no. 10: 63-70 '65.

LABOR SUPPLY

On the problem of the utilization of the labor force released in connection with technological progress. V. I. Agodkin, I. Maslova. Vop. ekon. no. 6: 31-39 Je '65.

LABOR TURNOVER

Reasons for labor turnover. L. Kovalev. Sov. iust. 30 no. 10 22-25 O '65

LABORATORIES

Team for studying the experience gained in the organization and work of central factory laboratories. V. S. Gorman. Zav. lab. 11 no. 9 1151-1155 '65.

LABORATORIES, MEDICAL see Medical laboratories

LABORATORY ANIMALS—FEEDING AND FEEDS

Attachment to cages of laboratory animals for efficient food utilization. N. V. Vorob'ev. Lab. delo no. 10: 619 '65.

LABYRINTH (EAR)

Determination of the concentration of streptomycin, dihydrostreptomycin, colimycin and monomycin in the labyrinthine fluid in guinea pigs. V. S. Murav'skaya. Antibiotiki no. 3 245-250 '65

Effect of repeated serial stimulations of the vestibular analyzer in rabbits on the quantitative relation of the duration of nystagmus to the value of negative angular acceleration. B. B. Bokhov, A. A. Shipov. Biol. eksp. biol. i med. 60 no. 9 59-62 S '65.

Neural structure of the vestibular nuclei in Canis vulg. G. P. Zimkova. Arkh. anat., gist. i emb. 49 no. 7 65-75 Ji '65

Tonic reflex of the ocular muscles in rhythmic electric stimulation of the vestibular receptors. M. M. Levashov. Biol. eksp. biol. i med. 60 no. 9: 7-10 S '65.

LABYRINTH (EAR)—INNERVATION

Osteological symptoms in cervical osteochondrosis. R. R. Gafie. Trudy 1-go MMI 38: 203-210 '65.

LAC INSECTS—HOST PLANTS

Some differences in the chemical composition of bark sap of the host plants of the lac insect. V. P. Bogdanova. Rest. res. 1 no. 3: 380-383 '65.

LACQUER AND LACQUERING

Lacquer for priming aluminum. M. Chernaya, P. Fishbein, K. Rozhnatovskaya. Pigmenta no. 9 24-25 S '65.

LACQUER AND LACQUERING—SAFETY MEASURES

Flaws in the design of paint and varnish plants. S. F. Narzhnina. Bezop. truda v prom. 9 no. 8: 21-22 Ag '65.

LACRIMAL ORGANS

Lapina, I. A. [Physiology of the lacrimal gland] Fiziologiya sliznol. zhelezy. [Leningrad] Meditsina, 1965. 101 p. (DNLM)

LACRIMAL ORGANS—DISEASES

Treatment of diseases of the lacrimal ducts. R. G. Orfan. Zhur. eksp. i klin. med. 2 no. 5: 75-83 '62

LACTATES

Preparation of dry lactate plasma. A. S. Dukmevich. Gemat. i perel. krovi 1: 83-86 '65.

LACTATION

Clinical picture of the Chlari-Frommel syndrome. V. P. Gutskevich, G. T. Gel'man. Akush. i gin. no. 2 133-131 '65.

Correlations between lactose, sodium and potassium in human milk during the lactation period. O. P. Tanasichuk. Fiziol. zhur. 51 no. 7 667-669 '65.

Effect of "hot" weather on the milk productivity of cows. N. A. Shtinov, N. A. Konukhov, S. M. Pal'kevich. Trudy KazNIGMI no. 24: 116-119 '65.

Milk yield and the chemical composition of milk of hybrid cows of some breeds of greatest interest in agricultural planning in White Russia. N. A. Haiski, P. N. Abramchuk. Vestn. AN BSSR, Ser. sel'khoz. nav. no. 3 11-20 '65

Myoma and lactation. K. Poptodorov. Akush. i gin. no. 2 134-135 '65.

Physiological state and milk productivity of cows fed various quantities of corn silage continuously for four years. I. A. Danilenko, G. I. Pasechnik. Dokl. Akad. sel'khoz. nauk no. 9 21-27 S '65.

Pregnancy, labor, and lactation in diabetes mellitus. I. A. Mazhbits, L. L. Liberman, G. A. Savitskii. Akush. i gin. no. 2: 135-137 '65.

LACTIC ACID BACTERIA

Dehydrogenase and aldolase activity of homo- and heterofermentative lactic acid bacteria. M. K. Karpenko, I. G. I. Kveanikov, A. A. Burekova. Mikrobiol. zhur. 26 no. 4: 37-41 '65.

LACTIC DEHYDROGENASE

Isotop effect of ultraviolet irradiated lactic dehydrogenase from rabbit's muscles. B. I. Kurganov. Biofizika 10 no. 5: 875-876 '65.

Heat denaturation of lactate dehydrogenase (L-lactate, NAD-oxidoreductase, KF 1 1 1 27) and D-glycerol-aldehyde-3-phosphate dehydrogenase (D-glycerol aldehyde-3-phosphate, NAD-oxidoreductase, KF 1 2 1 12) from rabbit muscles. B. I. Kurganov, A. I. Kurganov. Biofizika 10 no. 3 755-762 '65

LADOGA LAKE REGION—LANDFORMS

Morphological structure of the landforms of the lower Svir' Valley. L. G. Sheffer. Vest. LGU 20 no. 18 90-96 '65.

LADOGA LAKE REGION—ROCKS, CRYSTALLINE AND METAMORPHIC

Metamorphic zoning of the Ladoga formation. IU, V. Nagal'sev. Vest. LGU 20 no. 18 25-33 '65

LADYBIRDS

Material on the morphology and systematics of larvae of the tribe Coccinellini (Coleoptera, Coccinellidae). G. I. Savitskii. Trudy KazNIGMI 8: 310-357 '64

Some larvae of the tribes Coccinellini and Hyperaspini (with the description of the new species Phymocorynus bulghastensis Savitskii sp. n. (Coleoptera, Coccinellidae). G. I. Savitskii. Trudy KazNIGMI 8: 366-370 '64

LAKES

Bumarkin, E. V. [Chemical method of developing lakes for fisheries] Khimicheskiy metod lyubkhorizatsionnogo priobrazovaniya ozer [Moskva, Pishchevala promyshlennost', 1965. 55 p.

LAMBS

Changes in the structure of the bony tissue in lambs as related to the season of birth. M. Tolshchev. Trudy Inst. eksp. biol. AN Kazakh. SSR 11 204-218 '65.

LAMBS—DISEASES AND PESTS

Piotnikov, K. I. [Summer gastroenteritis and pneumonia in lambs] Letnie gastroenterit i pnevmonii agnat. Moskva, Kolos, 1965. 206 p. (DNA)

LAMINATED MATERIALS

Glass textile "ST" with a base of sized glass wool. Z. I. Bronshteyn and others. Plast. massy no. 10: 59-62 '65.

LAMINATED METALS

Manufacture and use of bimetal products. Trudy Giprotvetmetobrabotka no. 23: 136-152 '65.

New method for the deformation of bimetals. V. E. I. Anin, I. A. M. Okhrimenko. Vest. mashinost. 45 no. 7: 67-71 Ji '65.

LAMPREYS

Ecological and physiological characteristics of larvae of the river lamprey (Lampetra fluviatilis L.). T. I. Priveinov. Izv. GosNIOKKh 56: 189-186 '61.

Resistance of river lamprey (Lampetra fluviatilis L.) to mechanical effects and oxygen deficiency at early stages of ontogeny. Z. I. Galkina. Izv. GosNIOKKh 56: 191-195 '64.

Respiration of lamprey in water and its survival in a moist atmosphere. N. V. Koroleva. Izv. GosNIOKKh 56: 186-190 '64.

LAND

Udachin, S. A. [Scientific principles of land utilization] Nauchnye osnovy zemleustroistva. Moskva, Kolos, 1965. 270 p.

LAND SETTLEMENT see subdivision under Siberia

LAND TENURE see subdivision under Egypt; Great Britain

LAND TENURE—LAW see subdivision under Ukraine

LANDFORMS

(see also subdivision under Ilm Valley; Ladoga Lake region; Siberia; Soviet Far East; Svir' Valley; Volga Delta)

Calculation of the correction for the effect of relief during observations by a gravimeter. P. P. Makogonov, G. A. Solov'ev. Izv. vys. ucheb. zav. geol. i raev. 6 no. 5: 122-127 My '65.

Geological nature of the correlation of the basic morphometric characteristics of the earth's continents. P. S. Voronov. Uch. zap. NIIGA, Reg. geol. no. 3: 62-74 '64.

Landform microbiology. K. A. Kozlov. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 2: 47-55 '62.

Landform studies in regions subjected to the influence of reservoirs. K. N. D'akov, Izv. AN SSSR, Ser. geog. no. 5: 50-54 S-O '65.

Theoretical problems in the study of landforms. V. A. Trish. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 7: 42-50 '64.

- LANDSCAPE ARCHITECTURE**
(see also subdivision under Caucasus, Northern, Volga Valley)
- Kruglovskiy, I. G. [System of landscape plantings for housing areas of large cities under reconstruction] *Sistema ozeleniya zhilykh rayonov krupnykh gorodov pri rekonstruktsii*. Leningrad, Stroiizdat, 1965. 125 p.
- Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva.** [Collection No. 10 of standard district uniform estimates for construction work, landscaping and shelterbelts] *Sbornik No. 10 edinykh rayonnykh edinichnykh raschetov na stroitel'nye raboty, ozelenenie, zaschitnye i zashchitnye denezhnye i detsial'nye*. Moskva, Stroiizdat, 1965. 94 p.
- Seminor on landscape architecture. O. A. Ivanova. *Stroi i arkhit.* Len. 27 no. 8 17 Ag '65.
- Use of perennial flowers in city landscaping. O. A. Bugayevskaya. *Sbornik trudov RNI AKKH* no. 2/100-106 '63.
- LANDSCAPE GARDENING—PRODUCTION STANDARDS**
Russia (1917- R. S. F. S. R.) Ministerstvo kommunalnogo khozaystva. *Golovnaia normativno-isledovatel'skaya sluzhba.* [Standard departmental norms and rates for landscape gardening] *Tipovye vedomstvennye normy i raschetnyye raboty po ozeleneniiu*. Moskva, Stroiizdat, 1965. 94 p.
- LANDSLIDES** see subdivision under Moldavia
- LANGUAGE AND LANGUAGES**
Forum of Ukrainian linguists on problems of research methods. L. Kadomtseva. *Izv. AN SSSR Ser. lit. i iaz.* 24 no. 194-96 Ja-P '65.
- Meeting of the Department of Literature and Languages. T. S. Glubokaya. *Izv. AN SSSR Ser. lit. i iaz.* 24 no. 3 453-455 S-O '65.
- Why people speak different languages. O. Il'in. *Dokl. vosp.* 38 no. 9 68-71 S '65.
- LANGUAGE AND LANGUAGES—DICTIONARIES**
Paternost, Joseph, comp. Russian-English glossary of linguistic terms. The Pennsylvania State University, [c. 1965]. 230 p.
- LANGUAGE AND LANGUAGES—PHILOSOPHY**
Beguashvili, A. F. [Present-day English linguistic philosophy, a critical essay] *Sovremennaya angliiskaya lingvisticheskaya filosofiya, kriticheski ocherk*. Tbilisi, Melantereba, 1965. 109 p.
- LANGUAGE AND LANGUAGES—STUDY AND TEACHING**
(see also subdivision under Chuvashia)
Voronezh, Universitet. [Problems of philology and the methodology of teaching foreign languages] *Voprosy filologii i metodiki prepodavaniia inostrannykh iazykov*. Voronezh, 1964. 179 p.
(GU) (NNC)
- LANGUAGES, MODERN—AUDIO-VISUAL AIDS**
We are creating a standard set of equipment for the foreign language study rooms. K. B. Karpov. *Vest. vys. shkoly* 23 no. 10 23-28 O '65.
- LANGUAGES, MODERN—STUDY AND TEACHING**
Let's inculcate the skills of meaningful reading. R. L. Shenderova. *Vest. vys. shkoly* 23 no. 10 34-36 O '65.
- LANTERN FISHES**
Lantern fishes of the genus *Hygophum* (Myctophidae, Pisces), systematics and distribution. V. E. Bekker. *Trudy Inst. okean.* 80:62-103 '65.
- LANTHANUM CHLORIDE**
Interaction of lanthanum chloride with samarium (III) and yttrium chlorides. B. G. Korshunov, D. V. Drobot, L. V. Duragina. *Zhur. neorg. khim.* 10 no. 9:2120-2123 S '65.
- LANTHANUM FLUORIDE**
System of sodium, potassium, and lanthanum fluorides. G. A. Bukhalova, L. P. Babaeva, T. M. Khilian. *Zhur. neorg. khim.* 10 no. 9:2127-2131 S '65.
- LANTHANUM FLUORIDE—SPECTRA**
Electronic spectrum of the molecule LaF₃. E. A. Shenavskaya, L. V. Gurchik, A. A. Mal'nev. *Vest. Mosk. un. Ser. 2: Khim.* 20 no. 4:10-13 Ji-Ag '65.
- LANTHANUM MAGNESIUM NITRATE CRYSTALS**
Dynamic polarization of deuterons in crystals of lanthanum magnesium nitrate. V. I. Lushchikov, U. V. Taras, A. I. Frank. *Pis'ma v red. Zhur. eksp. i teor. fiz.* 1 no. 2 21-27 Ap '65.
- LANTHANUM TELLURIDE**
Crystalline structure of LaTe₃. A. A. Eliseev, V. G. Kuznetsov. *Izv. AN SSSR, Neorg. mat.* 1 no. 5:692-697 My '65.
- LARCH**
(see also subdivision under Krasnoyarsk Territory)
Make more extensive use of larch in the furniture industry. O. V. Kochanovskii. *Der. prom.* 14 no. 8-20 Ag '65.
- LARKSPUR**
Biological role of the larkspur in the evolution of some plants. N. I. Mal'tin. *Bol. zhur.* 50 no. 5 605-689 My '65.
- Microscopic study of representatives of the genus larkspur (*Dolichium* L.) of the family Ranunculaceae. Report No. 1. I. P. Karpov. *Izvestiya Akad. nauk SSSR, Ser. biol. i med. nauk* 20 no. 1-71-76 '65.
- LARVAE—FISHES**
(see also subdivision under Indian Ocean)
Development of young carp and wild carp (*Cyprinus carpio* L.) with different growth rates. Z. I. Galkina. *Izv. GosNIORKH* 58 167-179 '64.
- Ecological and physiological characterization of larvae of the river lamprey (*Lampetra fluviatilis* L.). T. I. Pivovarov. *Izv. GosNIORKH* 58 180-185 '64.
- Larvae of the flatfishes (Heterosomata) of the Gulf of Tonkin. T. A. Pertseva-Ostomouva. *Trudy Inst. okean.* 80:177-220 '65.
- Materials on the development of lard fishes (Pisces, Synodontidae). O. A. Zviagina. *Trudy Inst. okean.* 80:116-161 '65.
- Resistance of river lamprey (*Lampetra fluviatilis* L.) to mechanical effects and oxygen deficiency at early stages of ontogeny. Z. I. Galkina. *Izv. GosNIORKH* 58 181-185 '64.
- LARVAE—INSECTS**
Feeding habits and growth of stonefly and mayfly larvae of the tributaries of the Amur River. L. A. Stokodchikova. *Izv. TINRO* 55 231-237 '64.
- Larvae from the genera *Coprophilus* Latreille and *Platy-stellus* Mannerheim (Coleoptera, Staphylinidae). V. A. Pototskaya. *Zool. zhur.* 14 no. 6 877-882 '65.
- Materials on the morphology and systematics of larvae of the little cockchewer (Coleoptera, Coccinellidae). G. I. Savitskaya. *Trudy Kaz. NIIZR* 8:310-357 '64.
- Some larvae of the flies (Coleoptera) and Hymenoptera with the description of the new species *Phaenocarpa bulghashensis* Savitskaya sp. n. (Coleoptera, Coccinellidae). G. I. Savitskaya. *Trudy Kaz. NIIZR* 8 358-370 '64.
- Synthesis and decomposition of trehalose in the larva of the Chinese tussah moth. T. A. Fgorova. *Nauch. dokl. vys. shkoly, biol. nauki* no. 4 91-93 '65.
- LARVAE—WORMS**
Occurrence of the larvae of the cestode *Bothriommatus fallax* Iwao, 1939, parasitizing on surgeons, in the amphipods of the Caspian Sea. V. I. Sadarikov, U. V. Kurochkin. *Trudy Astr. zap.* no. 9 214-218 '64.
- Trematode larvae in freshwater mollusks of the Volga Delta. Report No. 2. *Echinostoma* cercariae (fam. Echinostomatidae). T. A. Ginetinskaya, A. A. Dolgovskii. *Trudy Astr. zap.* no. 9 104-104 '64.
- LARYNX—CANCER**
Use of X-ray methods of study in diagnosing cancer of the laryngopharynx and larynx. V. N. Khavintsev. *Sob. AN Gruz. SSR* 99 no. 3:737-744 S '65.
- LASERS**
Calculating the monopulse of a laser following the instantaneous switching on of an interferometer. A. M. Samson, V. A. Savva. *Dokl. AN BSSR* 9 no. 1 22-26 Ja '65.
- A CdS laser with two-photon excitation by a ruby laser. V. K. Konukhov, L. A. Kulevskii, A. M. Prokhorov. *Dokl. AN SSSR* 164 no. 5:1012-1015 O '65.
- Detection of a quick photoionization hole and a cloud of concentrated long-lived ionization from a shock wave produced by a spark in a laser beam. G. A. Asker'yan and others. *Pis'ma v red. Zhur. eksp. i teor. fiz.* 1 no. 6 10-23 Je '65.
- Effect of a focused beam from a ruby laser on ruby. T. P. Belikova, E. A. Sviridenkov. *Pis'ma v red. Zhur. eksp. i teor. fiz.* 1 no. 6 337-40 Je '65.
- Gigantic laser radiation pulses on glass activated by neodymium with the aid of clarifying solutions. O. L. Lechenov and others. *Pis'ma v red. Zhur. eksp. i teor. fiz.* 1 no. 2 24-17 Ap '65.
- High-frequency discharge in a neon-helium laser. N. I. Krindach and others. *Zhur. tekh. fiz.* 35 no. 9:1678-1684 S '65.
- Ionization of xenon atoms by the electric field of radiation from a ruby laser. G. S. Voronov, N. B. Delone. *Pis'ma v red. Zhur. eksp. i teor. fiz.* 1 no. 2 42-45 Ap '65.
- Laser operating on a beam of hydrogen atoms. N. G. Basov and others. *Radiotekh. i elektron.* 10 no. 10: 1809-1813 O '65.
- Luminescence and generation of CaF₂: Dy³⁺ crystals when excited by a ruby laser. E. M. Zolotarev, A. M. Prokhorov, G. P. Shipilo. *Zhur. eksp. i teor. fiz.* 49 no. 3:720-723 S '65.
- A neodymium-glass laser with a monopulse duration near the limit. V. I. Malyshev and others. *Pis'ma v red. Zhur. eksp. i teor. fiz.* 1 no. 11-14 Je '65.
- Nonlinear interaction of various kinds of oscillations in a laser. N. G. Basov, V. N. Morozov, A. N. Oralevskii. *Zhur. eksp. i teor. fiz.* 49 no. 3 895-904 S '65.
- Operation of a gas laser with circular resonator. I. I. Berobelin, U. I. Zakbay, *Zhur. eksp. i teor. fiz.* 49 no. 3 953-958 S '65.
- Quality modulation of a neodymium-glass laser by means of a passive shutter. V. I. Malyshev, A. N. Kozlov, V. S. Petrov. *Pis'ma v red. Zhur. eksp. i teor. fiz.* 1 no. 3 49-52 '65.
- Stimulated radiation on traveling waves. B. I. Zil'ber, A. P. Kazantsev, V. S. Shtromov. *Fiz. tverd. tela* 7 no. 9 2010-2020 S '65.
- Study of the effect of laser rays on the tumor cells of a melanoma. L. A. Tumanian, R. H. Kostantian. *Zhur. eksp. i teor. fiz.* 5 no. 1 73-79 '65.
- Use of a high ionized plasma in laser design. L. I. Gudzenko and others. *Mag. fiz.* no. 3 54-56 '64.
- LATHES**
Intermittent cutting on semiautomatic multiple-spindle lathes for chip breaking. G. P. Drinnitskii. *Vest. mashinostr.* 45 no. 7:72-74 Ji '65.
- LATHES—ATTACHMENTS**
Lathe attachment for knurling graduations on shafts. V. A. Solov'ev. *Stroitel'stvo* 36 no. 8 79-80 '64.
- LATHES—TECHNOLOGICAL INNOVATIONS**
Winner of a medal of the Exhibition of the Achievements of the National Economy. N. I. Naumov. *Mashinostr.* (tel.) no. 10:42-44 O '65.
- LATIN AMERICA—EDUCATION**
Pioneer of the "Peace Corps". M. Khiliev. *Vest. zhur.* no. 10 100-103 O '65.
- LATIN AMERICA—FOREIGN RELATIONS—UNITED STATES**
Declaration of international piracy. I. Mikheev. *Vest. zhurnal. zhizn'* 12 no. 11:114-117 N '65.
- Revolt of the exploited. A. Il'ianov. *Nov. vrem.* 23 no. 47 6-10 N '66.
- LATIN AMERICA—POLITICS**
Political trends in Latin America. A. Shchegolev. *Mozhdunar. zhizn'* 12 no. 11 56-60 N '65.
- LATVIA**
[Flourish, Soviet Latvia] TSvetl., Sovetskaya Latvija. Riga, Lidsma, 1965. 351 p.
- [Padomja Latvija, [Soviet Latvia] Sovetskaya Latvija. Riga, Viesma, 1965. 1 v. (chiefly illus.). [Parallel texts in Latvian and Russian].
..... Soviet Latvia, 15 p. [In English and Russian].
- LATVIA—CONSTRUCTION INDUSTRY—CITIES**
Story told by a Latvian economist. L. Mor'shchinskii. *Inform. biol. VDNKH* no. 7:23-24 Ji '65.
- LATVIA—EVENING AND CONTINUATION SCHOOLS**
School republic. *Inform. biol. VDNKH* no. 3 16-18 Je '65.
- LATVIA—FARM PRODUCTS—TRANSPORTATION**
Products should be marketed closer to the processing center. I. Vilchins. *Zakup. sel'khoz. prod.* no. 5 10-11 My '65.
- LATVIA—FOREIGN RELATIONS—STUDY AND TEACHING**
Our experience in studying a lecturer on international affairs. S. Gusepina. *Mozhdunar. zhizn'* 12 no. 11 160 N '65.
- LATVIA—GRASSES**
Meadow-pasture *gramina* in Latvia. A. B. Melnikova. *Zemledelie* 27 no. 9:148-54 S '65.
- LATVIA—INDUSTRIAL HYGIENE**
Let's bring culture and beauty into every work place. Okhr. truda i zdat. stakh. 8 no. 11:12 N '65.
- LATVIA—PASTURES AND MEADOWS**
Pastures. D. I. Kudelin. *Zemledelie* 27 no. 11 42-43 N '65.
- LATVIA—POULTRY INDUSTRY**
State deliveries of poultry products in Latvia. I. Vilchins. T. Shchegolev, A. Razumikhin. *Zakup. sel'khoz. prod.* no. 5 16-18 My '65.
- LATVIA—PRODUCE TRADE—MANAGEMENT**
Products should be marketed closer to the processing center. I. Vilchins. *Zakup. sel'khoz. prod.* no. 5 10-11 My '65.
- LATVIA—TECHNICAL EDUCATION**
Graduated from a people's university. N. Shchegolev. *Vyshtetn.* (NT) 7 no. 10:38-39 O '65.
- LATVIA—TRANSPORTATION, AUTOMOTIVE**
Jurnal. Avtomobilnaya Transportatsiya Unit state relations. E. Miler. *Avto. transp.* 43 no. 10:7-8 O '64.

LATVIA—WORLD WAR, 1939-1945—CAMPAIGNS

Storm of the Lubana marshes A. I. Dremenko, Sov. vojn. 46 no. 17-18 Ag '61

LATVIAN LANGUAGE—DICTIONARIES—RUSSIAN

Latvian-Russian Zinatens akad. [Scientific khimicheskaya vo. No. 5. [Physics dictionary, 6859 Latvian terms] Slovar' terminov fiziki (6859 latvishskikh terminov) 1964. 465 p

LA MONTITE see subdivision under Minusinsk Basin

LAUNDRY

Chemistry in laundries. R. Mezhdumova and others. Zhil. i kom. khoz. 16 no. 9-11 S '65.

LAW

(see also subdivision under Estonia, Kazakhstan)

Alma-Ata, Universitet. Iuridicheskii fakul'tet. [Problems of government and law] Voprosy gosudarstva i prava; sbornik trudov. Alma-Ata, 1963. 403 p. (MI)

General regulations. Rad. pravo 28 no. 7:107-108 O '65

Legal science in the present period. S. S. Aleksyev. Izv. vys. ucheb. zav., prav. 9 no. 1:2-20 '65.

Strengthen the ties between legal science and practice Sov. iust. 20 no. 18-19 S '65

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—CASES

(see also subdivision under Ukraine)

[Bulletin of the Supreme Court of the R. S. F. S. R.] Bül. Verkh. Suda RSFSR no. 10 '65.

LAW—DICTIONARIES

Andrianov, S. N., and A. S. Nikiforov. [English-Russian dictionary] Anglo-russkii slovar'. Moskva, Mezhdunarodnye otnosheniia, 1964. 340 p. (ICU)

LAW—PHILOSOPHY

Relation between socialist legality and political expediency in Soviet society. P. Polozhal. Rad. pravo 28 no. 7:10-13 O '65

LAW—STUDY AND TEACHING

(see also subdivision under Ulan-Ude)

Decision of the Central Committee of the CPSU entitled "Measures for further development of legal science and improvement of legal education in the country." Izv. vys. ucheb. zav., prav. 9 no. 1:188-192 '65.

Increase the theoretical knowledge and work qualifications Sov. iust. 20 no. 19-19 O '65

Et opagando of legal knowledge. V. Kravchenko. Komm. Vostozh. SII 46 no. 12:69-70 Je '65

LAW AND COMMUNISM

Grinshay, P. I. [Criticism of bourgeois legal ideology; unmasking of bourgeois views on Soviet law and legality] Krilika burzhuaznoi pravovoi ideologii, razoblacheniye burzhuaznykh vzgladov na sovetskoe pravo i zakonost'. Moskva, Iuridicheskaya literatura, 1964. 207 p.

Legal ideology and psychology of the socialist society. V. Morozov. Trudy MIF no. 180:143-154 '65.

LAW ENFORCEMENT

(see also subdivision under Porechinsk District; Bolotny District)

Relation between socialist legality and political expediency in Soviet society. P. Polozhal. Rad. pravo 28 no. 7:10-13 O '65

LAWNS

Perennial durable lawns. P. S. Novik. Shor. nauch. trud. RNI AKKI no. 2:85-89 '63.

LAWYERS

Increase the theoretical knowledge and work qualifications Sov. iust. 20 no. 19-19 O '65.

Strengthen the ties between legal science and practice. Sov. iust. 20 no. 18-19 S '65.

LAW JUDGES

(see also subdivision under Ukraine)

Once more on nonprofessional judges. V. Kaminakina. Sov. iust. 20 no. 18:22-23 O '65

LAYING-OUT (MACHINE-SHOP PRACTICE)

Solution of the problem of an optimum layout. V. V. Shkurba, IU. I. Saenko. Vest. mashinostr. 45 no. 9:47-49 S '65.

LE, IVAN, pseud.

Lakyza, M. A. [Ivan Le; his life and works] Ivan Le; zhizn i tvorchestvo. Kyiv, Dnipro, 1965. 176 p.

LEACHING

(see also subdivision under Golomaya Steppe)

Behavior of iron hydroxide in an alkali medium during autoclave treatment. L. P. NI and others. Trudy Inst. met. i obog. AN Kazakh SSR 12 9-15 '65.

Effect of trace elements on the yield and quality of peas in leached Chernozems L. M. Kanygina, Agrokhimika no. 10:123-127 O '65.

Leaching salinized soils in rice growing. F. G. Pelrov and others. Gidr. i mel. 17 no. 10:1-14 O '65.

LEACHING—EQUIPMENT AND SUPPLIES

Decomposition of phenacetic by sulfuric acid at atmospheric pressures. Report No. 2 IU A. Katkov and others. Trudy Inst. met. i obog. AN Kazakh SSR 11-38-40 '65.

Rate of decomposition of phenacetic in sulfuric acid. Report No. 1. A. I. Zarubin, IU A. Katkov, V. D. Ponomarev. Trudy Inst. met. i obog. AN Kazakh SSR 11-24-35 '65.

Treatment of complex metal sulfide ores by solutions of iron chloride, results of enlarged laboratory tests A. I. Tseit and others. Trudy Inst. met. i obog. AN Kazakh SSR 14-41-47 '65

LEAD—ANALYSIS

Determination of sodium in lead of higher purity A. M. Usimov, N. I. Chalkov, A. V. Yakovleva. Zav. lab. 31 no. 9:1090 '65.

LEAD—METALLURGY

Drying lead dust in a fluidized bed. IA, Z. Malkin, V. P. Sukhov. TSvet. met. 38 no. 6:28-33 Je '65.

Selecting the optimal slag composition for shaft furnace melting of lead. V. IA, Zaitsev and others. TSvet. met. 38 no. 6:23-28 Je '65.

Solubility in the system PbO-ZnO-Na₂O-Fe₂O₃ V. D. Solov'eva, D. I. Ponomareva, V. D. Ponomarev. Trudy Inst. met. i obog. AN Kazakh SSR 14:18-23 '65.

LEAD ALLOYS—ANALYSIS

Economy of lead and tin in lead and tin alloys. Trudy Giprotekmettebrabotka no. 23:105-118 '65.

LEAD-ANTIMONY-BISMUTH ALLOYS

Some regular features of the volume condensation of metals and alloys. L. S. Palatnik, G. V. Fedorov, P. N. Bogdanov. Fiz. tver. tela 7 no. 9:2846-2854 S '65.

LEAD ELECTRODES see Electrodes, Lead

LEAD ORES

Methods of the geochemical prospecting of lead ores in platform areas under the conditions of moraine formations. S. P. Albul. Trudy Inst. druzh. m. 3. Geol. i. gor. delo i. geod. no. 1:77-80 '63.

LEAD OXIDES

Polymorphic modifications of lead dioxide. V. A. Kirkinikh. Zhur. neorg. khim. 10 no. 9:1966-1970 S '65.

LEAD POISONING

Tarabueva, G. I. [Effect of lead on the organism and therapeutic and prophylactic measures] Detstvo svyazno na organizm i techenie-profilakticheskie meropriyatiya. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 285 p. (ICRL)

LEAD SULFIDES

Use of the electron paramagnetic resonance in studying surfaces of silicon and lead sulfide. T. T. Rykova, I. V. Vinokurov. Fiz. tver. tela 7 no. 9:2587-2592 S '65.

LEAF MINERS

Results of a study of organophosphorus preparations against the leaf miner Lithocolletia pyralifolia Gram. G. N. Alekaidze. Soob. AN Gruz. SSR 30 no. 3:686-696 S '65.

LEAF ROLLERS see subdivision under Ukraine

LEAK DETECTORS

Some results of a mass-spectrometric study of the performance of a halogen leak detector. V. I. Kurpov, L. I. Levina, L. D. Murav'eva. Zhur. tekhn. fiz. 35 no. 9:1662-1665 S '65.

LEATHER—ANALYSIS

Need for changes in the analysis of leather. E. S. Ovechkin. Kozh. -obuv. prom. 7 no. 3:21-23 Mr '65.

LEATHER—GRADING

Utilization of leather for soles by their thickness. I. U. S. Ovechkin. Lab. prom. no. 2:73 Ap-Je '65.

LEATHER—STANDARDS

Need for changes in the analysis of leather. E. S. Ovechkin. Kozh. -obuv. prom. 7 no. 3:21-23 M

LEATHER, ARTIFICIAL

Visiting with the efficiency promoters of the "Kozh-zhmentel'" Plant. E. Domogatskaya. Kozh. -obuv. prom. 7 no. 3:33 Mr '65.

LEATHER INDUSTRY

(see also subdivision under Gorkiy Province)

Systematically improve the quality of leather. I. I. Blushin. Kozh. -obuv. prom. 7 no. 3:3-5 Mr '65.

LEATHER INDUSTRY—EQUIPMENT AND SUPPLIES

Grekov, V. I. [Automation of production processes in light industry enterprises] Avtomatizatsiya tekhnologicheskikh protsessov na predpriyatiyakh legkoi promyshlennosti. Moskva, Legkaya industriya, 1965. 322 p.

Introducing the MPK-304 transfer sectional contact-machine for descaling skins I. U. Igei, V. N. Khadosova. Bül. tekhn. inform. Gos. nauch. i issl. inst. anuch. i tekhn. inform. 18 no. 9:37-38 S '65

Substituting rubber for bronze bushings in the supporting bearings of frame drums R. A. Val'met, A. E. Vnash. Kozh. -obuv. prom. 7 no. 3:31 Mr '65.

LEATHER INDUSTRY—MANAGEMENT

Standard norms for the number of engineers and technicians in the enterprises of the primary processing of leather raw materials. N. N. Shelustin. Kozh. -obuv. prom. 7 no. 3:10-12 Mr '65.

LEAVES

Effect of environmental temperature on the leaf cell thermostability of Catalpa speciosa Warden and some other plants. G. G. Shukhtina. Bot. zhur. 50 no. 9:1310-1317 S '65.

Optimal area of petioles for the achievement of large crops. A. A. Kornilov, V. S. Kostina. Fiziol. rast. 12 no. 3:551-553 My-Je '65.

Oxidation-reduction potential and biochemistry in hot-house cucumber leaves as related to the sex differentiation of plants. A. G. Sidorovskii. Nauch. dokl. vys. shkoly, biol. nauk no. 4:167-169 '65.

Seasonal and age-related changes in the leaf size of blue alfalfa hybrids. F. IA, P'ina, D. G. Runova. Nauch. dokl. vys. shkoly, biol. nauk no. 4:124-128 '65.

Seasonal changes in the amino acid composition of nut-herry leaves. I. P. IAKushkina. Nauch. dokl. vys. shkoly, biol. nauk no. 4:176-179 '65.

LEAVES—ANATOMY

Anatomy of the leaf of the foxtail Alopecurus vaginatus Pall. L. I. Kurchenko. Bül. MOIP, Old. biol. 70 no. 3:71-80 My-Je '65

Quantitative and anatomical analysis of rosette and reproductive stem leaves of some Cousinia and Aretium species. S. A. Patneva. Uzb. biol. zhur. 8 no. 4:50-52 '65.

Some anatomical changes of leaves in Central Asiatic ephemerals introduced in the Khibiny Mountains. N. I. Korzhugina. Bot. zhur. 50 no. 5:666-673 My '65

LEAVES—MORPHOLOGY

Characteristics of the morphogenesis of leaf rudiments in some woody plants of the Far East. G. P. Bolotnikov. Dokl. AN SSSR 164 no. 4:841-844 O '65.

Metaphylls in the seedlings of some arboreal plants G. A. Kondrat'eva-Mol'vil'. Bot. zhur. 50 no. 5:605-613 My '65

LEG—BLOOD SUPPLY

Shakunov, M. Sh. [Arterial system of the human lower extremities under normal conditions and in endarteritis obliterans] Arterial'naya sistema nizhnai konon'mosti cheloveka v norme i pri obliteriruyushchem endarterite. Akiubinsk, 1964. 246 p. (DNLM)

LEG—DISEASES

Hemorrhagic edema of the lower extremities. IU, IA, Ashmarin. Vest. dermat. i ven. no. 2:36-40 '65.

LEG—SURGERY

Method of elongation and detorsion of the leg bones in polomyelitis sequelae. L. N. Al'takin, Ortop., travm. i protz. 28 no. 8:59-61 S '65.

Method of operative treatment of a congenital pseudarthrosis of the leg. V. I. Fialkin. Ortop., travm. i protz. 28 no. 8:46-48 S '65.

LEGAL ETHICS

Ethics in an advocate's acts. V. D. Gol'diner. Sov. gos.

4007

LICORICE

Some ecological, morphological and biological characteristics of licorice species growing in the U.S.S.R. T. P. Nadezhina, Rast.res. 1 no. 3, 340-354 '65.

LIE ALGEBRAS

Elementary theory of classical Lie algebras. M. A. Taitlin Dokl. AN SSSR 164 no. 6 1243-1245 O '65

Free T-sums of multiplier bodies. I. S. Ivanov. Dokl. AN SSSR 165 no. 1 28-30 N '65.

Some radicals of Lie algebras. L. A. Simonian. Sib. mat. zhur. 6 no. 5 1101-1107 S-O '65

LIFE—ORIGIN

Vasil'ev, I. M. [Living from the nonliving] Zhivoe iz nezhyvogo. Moskva, Znanie, 1965. 31 p. (Novoe v zhizni, nauke, tekhnike VIII Sernia Biologiya i medicina, no. 21)

LIFE (BIOLOGY)

Ivin, M. E. [Mysteries of life] Tainiki zhizni. Leningrad, Detskaya literatura, 1965. 189 p. (Dlia srednego i starshogo vozrasta)

LIFE INSURANCE see Insurance, Life

LIFESAVING

Thank you, lifesavers. S. Khar'khan. Voen.znan. 41 no. 9, 40-41 S '65.

LIFTING JACKS

Grab-jack. V. A. Bol'shakov. Energetik 13 no. 10 26 O '65

LIGAMENTS

Medical expertise of the capacity for work and rehabilitation of persons following surgery for hernia of an intervertebral disk and hypertrophy of the ligamentum flavum of the lumbar region. G. I. Lukacher, A. I. Fal'chuk, E. A. Zhmolova. Sov. med. 28 no. 3 104-108 M '65.

LIGAMENTS—DISEASES

Treatment of stenotic ligamentitis of the fingers with hyaluronate. V. V. Mikhlinenko. Ortop., travm i protez. 26 no. 5 52-54 M '65

LIGHT—PHYSIOLOGICAL EFFECT

Effect of different light sources on the carotenoid formation by *Penicillium sclerotium*. F. B. Kolot and others. Mikrobiologiya 34 no. 4 627-630 JI-Ag '65.

Primitive forms of photosensitivity in the early chick embryogenesis. A. V. Bursian. Zhur. evol. biokhim. i fiziol. 1 no. 5 335-441 S-O '65

LIGHT—SCATTERING

Fine structure of the spectral lines of light scattered in cubic crystals. T. S. Velichkina, O. A. Shustin, I. A. Iakovlev. Pis'ma v red. Zhur. eksper. i teor. fiz. 2 no. 4 180-182 Ag '65.

Light scattering in a one-dimensional nonsteady-state medium. I. N. Minin. Aestrofizika 1 no. 2, 173-181 Je '65.

Light scattering in a spherical nebula of large optical thickness. D. I. Nagirner. Uch. zap. LGU no. 328:66-71 '65.

Light scattering in planetary atmospheres. I. N. Minin. Uch. zap. LGU no. 328:39-43 '65.

Shift of the fine structure components of the Rayleigh light scattering line in paramagnetic substances. S. A. Al'tshuler, B. I. Kochelaev. Zhur. eksp. i teor. fiz. 49 no. 3:862-866 S '65.

Three-photon molecular scattering of light. Pis'ma v red. Zhur. eksper. i teor. fiz. 2 no. 4:171-175 Ag '65.

LIGHT—TRANSMISSION

Effect of optical characteristics on the spectral composition of radiation in a turbid medium. A. P. Ivanov, S. A. Makarevich. Dokl. AN SSSR 9 no. 8:504-508 Ag '65.

LIGHT FILTERS

Effective wave lengths of some glasses used in pyrometry. R. V. Druk, A. V. Kogan. Priborostroenie no. 9:4-5 S '65

Phase-dispersion interference-polarization filters. S. B. Ioffe, N. M. Driehko. Dokl. AN SSSR 164 no. 4:793-795 O '65.

LIGHT METALS—HEAT TREATMENT

Khenkin, M. L., and others. [Selecting conditions for the thermal stabilization of certain light alloys for high precision parts] Vyb. rezhimov termicheskoi stabilizatsii nekotorykh legkikh splovov dlia detalей vysokoi tochnosti. Leningrad, 1965. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya. Liteinoe proizvodstvo, termicheskaya obrabotka i metallovedenie)

LIGHT METALS—METALLOGRAPHY

Moscow Institut metallurgii. [Metallography of light alloys] Metallovedenie legkikh splovov. Moskva, Nauka, 1965. 226 p.

LIGHT PRESSURE

Determining moments and forces acting on rotating bodies in a free-molecular flow and light flux. V. S. Galkin. Inzh. zhur. 5 no. 5 951-958 '65.

LIGHTFOOT, CLAUDE, 1910-

From C. Lightfoot's speech at the Sixth Congress of the Communist Youth International on October 2, 1945. Vop. ist. KPSS 9 no. 10 50-63 O '65

LIGHTWEIGHT CONCRETE

(see also subdivision under Armenta)

Microprocessor burnt-rock concrete. K. G. Kupeev. Stroi i arkhit. Urb. 6 no. 9 17-19 S '65.

Panel from autoclave cellular concrete. Bliz. stroi. tekhn. 27 no. 9, 6-7 S '65.

Stresses in cellular concretes in autoclave treatment. L. I. Iakovlev. Trudy Un. duzhu. aur. 6, Stroi. no. 1 63-78 '65.

Using raw materials of Khabarovsk for the manufacture of cellular concrete. Stroi i arkhit. Urb. 6 no. 3 23-24, 31 M '65.

LIGHTWEIGHT CONCRETE—CURING

New data on physical processes taking place in the autoclave treatment of cellular concrete. K. F. Lomunov. Stroi i arkhit. Len. 27 no. 8, 21-22 Ag '65.

LIGHTWEIGHT CONCRETE—SPECIFICATIONS

Russia (1923—U.S.S.R.) Gosudarstvennyi komitet po promyshlennosti stroitel'nykh materialov [Inter-public technical specifications for building] Mezhdunarodnye tekhnicheskie uslovia na arbitrit (MITU 21-5-64) Moskva, Stroizdat, 1965. 19 p.

LIGHTWEIGHT CONCRETE PRODUCTS see subdivision under Armenta, Uzbekistan

LIGHTWEIGHT CONSTRUCTION

With the new advanced machinery. V. Khrikin, I. Prolova, V. Dovzhik. Stroi i arkhit. Mosk. 6 no. 5:20-31 '65.

LIGNIN

Carbohydrate and lignin content per cell in grape shoots. O. P. Riabchun. Fiziol. rast. 12 no. 3:479-480 M '65.

Change in the chemical composition and morphological structure of cellulose fibers in the process of larch wood delignification. A. B. Zaitseva, N. G. Bocharnikova, L. A. Belozorova. Zhur. prikl. khim. 38 no. 6:1349-1356 Je '65.

Dynamics of lignin and cellulose in the organs of corn during growth. E. M. Vasil'eva. Uch. zap. Kazan. gos. ped. inst. 24 no. 6:3-12 '63.

Dynamics of lignin in the organs of wheat during growth. E. M. Vasil'eva. Uch. zap. Kazan. gos. ped. inst. 24 no. 6:13-19 '63.

Products of interaction between polypropylene and alkaline sulfate lignin. V. E. Gul', E. G. Lushchikina. Dokl. AN SSSR 165 no. 1 110-111 N '65.

LIGNITE see subdivision under Kansk Basin

LIGNOSULFONIC ACIDS

Role of lignosulfonic acids in the sulfate delignification of wood. V. M. Nikitin, N. V. Vasil'ev. Bum. prom. no. 8:3-4 S '65.

LIMIT THEOREMS (PROBABILITY THEORY)

Global form of the central limit theorem. V. V. Petrov. Vest. LGU 20 no. 10 163-165 '65.

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR EQUATIONS

Solving systems of linear equations by the method of the "chain series." G. I. Epel'tseva. Vych. i org. tekhn. v stroi. i proek. no. 1 67-62 '64.

A type of incorrect linear equations in topological vector spaces. V. K. Ivanov. Sib. mat. zhur. 6 no. 4:332-339 JI-Ag '65.

LINEAR PROGRAMMING

Algorithm for solving problems of integral linear programming with Boolean variables. I. U. Finkel'shtein. Dokl. AN SSSR 164 no. 5 993-996 O '65.

Generalization of the parametric problem of linear programming. B. V. Finkel'shtein. Ekonomika i mat. metod. 1 no. 3:442-450 M '65.

Long-term planning of construction by the methods of linear programming. L. E. Vand. Vych. i org. tekhn. v stroi. i proek. no. 1:40-43 '64.

A method of computing the optimum output of an open-cut mine by its overburden. B. M. Pakhomov. Nuch. soob. IGD 24:105-108 '65.

Selection of a maximal system of constraints. I. Sh. Pinsker. Avtom. i telem. 26 no. 9:1553-1562 S '65.

Solving some problems of vertical planning by linear programming. K. K. Skidanenko. Izv. vyz. ucheb. zav. i good. i aerof. no. 2:83-88 '65.

Using linear programming methods in the calculation of empty car transfer within a railroad subdivision. V. A. Kudravytsev. Sbor. trud. LIIZHT no. 216:112-140 '64.

LINEAR TOPOLOGICAL SPACES

A type of incorrect linear equations in topological vector spaces. V. K. Ivanov. Sib. mat. zhur. 6 no. 4:332-339 JI-Ag '65.

LINEN

Determining the rated number of the silver from automatic AIR-500-L spreading machines. S. V. Sukhovskii. Tekst. prom. 27 no. 10:32-33 O '65.

New linen fabrics and manufacture articles. A. M. Zhigacheva. Tekst. prom. 25 no. 10:10-11 O '65.

LIPETSK—CONSTRUCTION INDUSTRY—FINANCE

Why the level of capital yield is so low. A. Teresovskii. Ekonomika no. 10 35-37 O '65.

LIPETSK—HEALTH RESORTS, WATERING PLACES, ETC.

Late results of the treatment of female sterility at Lipetsk Health Resort. E. I. Davina, Z. I. Gokhmanova. Sbor. nauch. rab. vrach. san.-kur.-uch. prof. ucheb. no. 1:186-190 '61.

LIPETSK—PIPE INDUSTRY—QUALITY CONTROL

We shall compete. V. Andreev. Sov. prof. obrab. 21 no. 7:4-5 N '65.

LIPETSK PROVINCE—MILLET—FERTILIZERS AND MANURES

Placement of mineral fertilizers for millet grown after sugar beets. A. P. Sorochenkova. Agrokhimiya no. 8 133-135 Ag '65.

LIPID METABOLISM

Role of the so-called secretory function of the liver in the pathogenesis of its acute toxic fatty dystrophy. S. I. Dukičova. Vop. med. khim. 11 no. 2 68-71 M '65.

LIPIDOSIS

Xanthomatosis of the Achilles tendons. L. I. Mikhlin, A. M. Reiman. Ortop., travm i protez. 28 no. 5:58-61 M '65.

LIPIDS

Histochemical study of the lipoids in cholesterolosis of the gallbladder. A. E. Podolskii. Arkh. pat. 27 no. 10 60-64 '65.

Influence of various subcellular granules and lipids isolated from them on the synthesis of antibodies and other proteins. A. E. Chuvpik and others. Biokhimiya 30 no. 5 1014-1050 S-O '65.

Interaction of lipoperoxides with the components of redox systems. K. V. Paličova, P. A. Kabanova. Biokhimiya 30 no. 5:1058-1064 S-O '65.

Modeling an active transfer of protein through lipid membranes. A. I. Oparin, G. A. Doborin. Ukr. biokhim. zhur. 37 no. 5:701-708 '65.

Modified method for direct determination of neutral fats. T. A. Pokrovskii. Vop. med. khim. 11 no. 2:73-74 M '65.

Studies of the synthesis of lipid compounds. A. V. Lukianov and others. Dokl. AN SSSR 165 no. 1:121-121 N '65.

Synthetic inhibitors and natural antioxidants. Report No. 1. Effect of the inhibitors of free radical reactions on the antioxidant activity of natural lipids. E. I. Butakova, N. M. Dzibina, N. P. Polovina. Biofizika 10 no. 5:766-769 '65.

LIPIN, NIKOLAI IVANOVICH, 1812-1877

Progressive scientist. D. P. Sil'vina, V. P. Mal'chenko. Put' i prikl. khoz. 0 no. 10:36-37 '65.

LIPOPROTEINS

Intracellular lipoprotein membranes and carcinogenesis. A. A. Zhadzhidov. Usp. sovi. biol. 60 no. 2:215-231 S-O '65.

LIQUID ALUMINUM—INCLUSIONS

Investigating the process of refining liquid aluminum. A. I. Radin, V. V. Sorokin. Trudy MATE no. 61:23-44 '65.

LIQUID FERTILIZERS AND MANURES

Liquid ammonia in a valuable fertilizer. D. Stetsko. Inform. zhur. VINKH no. 3:30-32 M '65.

LIQUID FERTILIZERS AND MANURES—DISINFECTION

Disinfecting liquid manure. A. A. Pallakov. Trudy VNIIS 24:315-321 '64.

LIQUID FUELS—STORAGE

Studying the effect of interference of rubber coatings and fuel on their properties during storage. M. A. Pughla and others. Kauch. i rez. 24 no. 10:52-54 '65.

LIQUID LEVEL INDICATORS

Automatic control of metal level in casting. Small diameter ingots. A. I. Skurillov. Tsvet. met. 38 no. 0:80 Je '65.

Automatic devices for maintaining the water level in boilers. L. A. Kuznetsov. Bezop. truda v prom. 9 no. 0:43-46 S '65.

LIQUID LEVEL INDICATORS (Continued)

Automatic glass batch level indicator in a tank glass-making furnace. N. I. Leonov, *Slek. i ker.* 22 no. 3:72-33 Mr '65

Determining the liquid level in the casing space of beam wells. D. A. Shapko, *Neftekh. i g.* 13 no. 5:59-62 S '65

LIQUID METALS

Interaction of high-melting compounds with molten metals. G. V. Samonov, G. A. Iashinskaya, *Pornsh. met.* 4 no. 5:16-21 S-O '64

LIQUID METALS—TESTING

Physical and chemical properties of molten metals. A. A. Vertman, *Lit. prozv.* no. 8:20-31 Ag '64

LIQUID METHANE

Sorokin, A. I., and I. M. Cherniak. [Liquefied methane in foreign countries.] *Szhizheniya melan za rubezhom.* Moskva, Nedra, 1965. 133 p.

LIQUIDS

Cryostat for investigating the electric, photoelectric, and optical properties of liquids. R. G. Romanets and others. *Zav. lab.* 31 no. 9:1091 '65

Statistical thermodynamics of surface phenomena. Part 2: Distribution functions in the surface layer of a liquid. T. M. Kunt, *Koll. zhur.* 27 no. 5:720-727 S-O '65

LIQUIDS—ELECTRIC PROPERTIES

Dielectric constant of some binary liquid systems with high electric conductivity. I. A. Borovikov, I. A. Eshkov, *Elektrokhim. i no.* 0,1100-1100 S '65

LIQUIDS—OSCILLATIONS

Effect of energy dissipation on forced discontinuous oscillations of a liquid in a pipe. M. S. Natanson, *Izv. AN SSSR, Mekh.* no. 5:24-31 S-O '65

LIQUIDS—THERMODYNAMICS

Approximate calculation of a binary function of distribution in the surface layer of a liquid. T. I. Antonenko, Uch. zap. Kish. un. 75:21-25 '64

Relation between the speed of sound and certain three-dimensional and surface parameters of the liquid phase. V. I. Rykov, Uch. zap. Kish. un. 75:26-30 '64

LISTERELLA—CULTURES AND CULTURE MEDIA

Nature of the formation of *Listeria monocytogenes*. D. R. Khilina, *Mikrobiol. zh.* 26 no. 4:26-29 '65

LISTERIOSIS

Rats as a source of listeriosis infection. I. A. Malakhov, *Trudy VNIIVS* 24:343-353 '64

LISTERIOSIS—PREVENTIVE INOCULATION

Vitration of the pathogen of listeriosis on chick embryos and white mice. I. A. Bakulov and others. *Veterinariia* 42 no. 25:25-28 O '65

LITHUANIA—BIBLIOGRAPHY—Literature

LITERATURE—HISTORY AND CRITICISM

Conformities in the history of diverse literatures. A. Chicherin, *Vop. lit.* 9 no. 10:171-179 O '65

Diverse versions of the composition of the "History of world literature." V. I. Sumanov, *Izv. AN SSSR, Ser. lit. i iaz.* 24 no. 5:377-385 S-O '65

In debate over the novel. T. Molyeva, *Lit. i sovr.* no. 5:70-105 '64

Interuniversity conference held in Vologda on problems of realism in Russian and foreign literature. I. V. Gura, *Izv. AN SSSR, Ser. lit. i iaz.* 21 no. 5:437-450 S-O '65

Time becomes an image; on some characteristics of the poetics of literary works. N. Gel, *Izv. AN SSSR, Ser. lit. i iaz.* 24 no. 5:388-395 S-O '65

LITERATURE—STUDY AND TEACHING

Dogmas and life. L. Aizerman, *Nar. obr.* no. 10:84-88 O '65
For the creative study of literature in schools. *Nar. obr.* no. 10:121-122 O '65

LITERATURE, COMPARATIVE

Meeting of the Department of Languages and Literature on the study of literary ties held in the Abovian Institute of Literature, Academy of Sciences of the Armenian S. S. R. A. I. Kuz'min, *Izv. AN SSSR, Ser. lit. i iaz.* 24 no. 1:80-89 Ja-F '65

LITERATURE, COMPARATIVE—RUSSIAN AND POLISH

Relevance and Polish literary criticism of the 1840's and 1850's. E. Z. Tsybenko, *Izv. AN SSSR, Ser. lit. i iaz.* 24 no. 5:413-420 S-O '65

LITERATURE, COMPARATIVE—RUSSIAN AND UKRAINIAN

Pushkin and the development of realism in the works of Shchegolev. IE. M. Chernytskiy, *Rad. lit.* 0 no. 9: 40-62 S '65

LITERATURE AND COMMUNISM see Communism and Literature

LITHIUM—ELECTROMETALLURGY

Electrolysis upon a liquid gallium cathode in lithium sulfate solutions. V. P. Porubayev, V. D. Ponomarev, *Trudy Inst. met. i obog. AN Kazakh. SSR* 12:71-76 '65
Lithium reduction from nitric acid solutions upon a gallium cathode. V. P. Porubayev, V. D. Ponomarev, *Trudy Inst. met. i obog. AN Kazakh. SSR* 12:77-84 '65

LITHIUM CHLORIDE

Surface ionization of LiCl on rhenium. N. D. Potekhina, *Zhur. tekhn. fiz.* 35 no. 9:1658-1661 S '65

LITHIUM PEROXIDES

Thermal decomposition of lithium peroxide. A. B. Tsenisiper, Z. I. Kuznetsova, *Izv. AN SSSR, Ser. khim.* 1 no. 10:1902-1904 '65

LITHIUM-TELLURIUM ALLOYS

Synthesis and some properties of lithium tellurite. O. N. Breusov, T. V. Rozina, N. A. Druz', *Zhur. neorg. khim.* 10 no. 9:1990-1992 S '65

LITHUANIA

Dukus, Tadas. [Get acquainted with Soviet Lithuania. Translated from the Lithuanian.] *Poznankom'ies' s Sovetskoi Litvol.* Vilnius, Mintis, 1965. 100 p. illus.

LITHUANIA—ARCHITECTURE

[Architecture.] *Architektura.* Zodchestvo, Vilnius, chistylye grozines lit-rus tolykia, 1957. 1 v. chistyly illus. (Lietuviai lietuvis menas) [In Lithuanian and Russian] (ICU)

LITHUANIA—AUDITING AND INSPECTION

Organize better the work performed by volunteers. V. Jura, V. Meidunas, *Fin. SSSR* 39 no. 10:73-75 O '65

LITHUANIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

From the experience of the party organization of Lithuania in the workers' communist education, 1956-1965. S. V. Adamaviciute, *Vop. ist. KPSS* 9 no. 10:3-16 O '65

LITHUANIA—CONSTRUCTION INDUSTRY

Achievements of the Lithuanian builders. I. Mantulis, *Ekon. stroi.* no. 9:22-25 S '65
In the State Committee on Construction of the Lithuanian S. S. R. *Bud. stroi. tekhn.* 27 no. 9:23-24 S '65

LITHUANIA—DYSENTERY

Girdziuskauskas, V., and D. Vykonyte-Vasileviciene. [Dysentery and its control in the Lithuanian S. S. R.] *Dizenterija ir kova su ja Lietuvos TSR.* Vilnius, Mintis, 1964. 163 p. (Gydytojo praktiko biblioteka) [In Lithuanian] (DNLM)

LITHUANIA—GEOLOGY

[Study of the geology of the U. S. S. R.] *Geologicheskaya izuchennost' SSSR.* Glav. red. A. N. Assovskii i dr. Vilnius, Mintis
Vol. 43. [The Lithuanian S. S. R. Period 1950-1960] *Litovskaya SSR. Period 1950-1960*
No. 1. [Published works] *Pechatnye raboty.* 1964 244 p.

LITHUANIA—GULLS

Nesting of dunlin and common gull in Lithuania. J. Stasaitis, *Ornitologija* no. 7:489 '65

LITHUANIA—HAY

Production of grass meal using the AVM-0, 4 units. V. Valuasis, I. Sirvidis, *Tekhn. v sel'khoz.* 25 no. 8: 5-9 Je '65

LITHUANIA—LEPTOSPIROSE

Leptospirosis in animals in the Lithuanian S. S. R. A. Markevicius, B. Cepas, *Veterinariia* 42 no. 10:32-34 O '65

LITHUANIA—METEOROLOGY, AGRICULTURAL

Making more precise the methodology of the quantitative evaluation of agrometeorological conditions for potato tuberization in regions of soil waterlogging (Lithuanian S. S. R.). F. Sh. Gutman, *Trudy TSIP* no. 145:168-177 '65

LITHUANIA—PHYSICAL EDUCATION AND TRAINING

Republic-wide conference on the physical perfecting of man. V. Stakenas, *Teor. i prak. fiz. kul.* 28 no. 8:78-79 Ag '65

LITHUANIA—POTATOES

Making more precise the methodology of the quantitative evaluation of agrometeorological conditions for potato tuberization in regions of soil waterlogging (Lithuanian S. S. R.). F. Sh. Gutman, *Trudy TSIP* no. 145:168-177 '65

LITHUANIA—RURAL CONSTRUCTION

Leading unit of rural construction workers of Lithuania. I. Tamoshaitis, *Self. stroi.* 20 no. 9:112-12 S '65

LITHUANIA—SANDPIPERS

Nesting of dunlin and common gull in Lithuania. J. Stasaitis, *Ornitologija* no. 7:490 '65

LITHUANIA—WORLD WAR, 1939-1945

Vilna, Partijos istorijos institutas. [A road of combat, the Lithuanian Division in the Great Fatherland War. Liberation of Soviet Lithuania.] *Kovu keliasas: Lietuvos laisvės kovų istorija.* Vilnius, Vaga, 1965. 1 v. chiefly illus. [In Lithuanian] 63 p. [In 5 languages]

LETTER (BEDDING)

Effect of peat litter on the virus of foot-and-mouth disease. D. A. Bocharov, *Trudy VNIIVS* 24:133-134 '64

Water absorption capacity as basis for the evaluation of the economic aspects of the use of peat as litter. I. A. Sernat, *Trud. prom.* 42 no. 7:23-26 '65

LIVER

Acid and neutral α -oligosaccharidases in rabbit liver. I. S. Lukomskaia, *Biokhimiia* 39 no. 5:1080-1089 S-O '65

Changes in the ultrastructure of human hepatic cells in thyrotoxicosis. B. K. Bezprozvannyi, O. B. Shumkina, V. M. Aifanten, *Ark. pat.* 27 no. 8:54-66 '65

Determination of the content of ubiquinone in the tissues and mitochondria of the liver in rats. G. V. Donchenko, *Vop. med. khim.* 11 no. 2:78-82 Mr '65

Development of the liver in sheep in ontogeny. R. A. Tokhtamysova, *Trudy Inst. eksp. biol. AN Kazakh. SSR* 10:226-240 '65

Effect of acute alcoholic intoxication on the protein sulphydryl group content and distribution in the liver of rats. I. K. Tietekii, *Ark. pat.* 27 no. 8:56-61 '65

Effect of compensatory hyperfunction and hypertrophy of the heart on the content of vitamins B₁, B₂ and B₃ in the myocardium and liver in rabbits. V. B. Spirichev and others. *Vop. med. khim.* 11 no. 2:54-59 Mr '65

In vivo effect of 2,4-dinitrophenol on the content of acid-soluble nucleotides of guinea pig liver and muscles. V. I. Zhil'kov, *Biokhimiia* 30 no. 5:1027-1031 S-O '65

Incorporation of C¹⁴-amino acids into isolated histones of nuclei of resting and growing liver. A. S. Korotkova and others. *Biokhimiia* 30 no. 5:1009-1012 S-O '65

Inhibition of the biosynthesis of cholesterol and fatty acids in the liver in rats by derivatives of mevalonic acid. A. N. Klimov and others. *Vop. med. khim.* 11 no. 1:101-103 Ja-F '65

Interaction of tetracycline with liver cell components in rats. G. I. A. Kivman, N. M. Smol'nikova, *Antibiotiki* 3:229-234 '65

Interceptive influences of the stomach on the biochemical and histochemical glycogen picture of the liver. L. G. Gashimova, *Izv. AN Azerb. SSR Ser. biol. nauk* no. 3:117-120 '65

LIVER—CANCER

Causes of late diagnosis of primary cancer of the liver and the bile ducts. A. K. Lukinykh, *Nauch. trudy Riaz. med. inst.* 11:135-145 '60

Content of embryospecific α -globulin in the serum of fetuses, newborn infants and adult persons in primary cancer of the liver. I. U. S. Tatarinov, *Vop. med. khim.* 11 no. 2:20-24 Mr '65

Primary cancer of the liver. G. V. Turchina, *Nauch. trudy Riaz. med. inst.* 11:146-149 '60

Reaction of liver due to primary cancer. I. I. A. Gurtovoi, *Nauch. trudy Riaz. med. inst.* 11:150-152 '60
Spontaneous rupture of the liver in cancer. V. I. A. Orlov, *Nauch. trudy Riaz. med. inst.* 11:153-157 '60

LIVER—CIRRHOSIS

Duration of the life of erythrocyte in liver cirrhosis; a study by means of C⁵¹. E. N. Meshine, *Med. rad.* 10 no. 9:57-62 S '65

Reproduction of experimental hepatitis and liver cirrhosis associated with jaundice and "necrosis" histological and histochemical studies. V. I. Metelitsa, *Ark. pat.* no. 10:21-29 '64

State of the activity of alkaline and acid phosphatases in chronic hepatitis and cirrhosis of the liver. E. E. Gupato, *Ark. pat.* 27 no. 10:60-70 '65

LIVER—DISEASES

Content of sulphydryl and disulfide groups in proteins of human blood serum in some liver and kidney diseases. S. I. A. Koplinskii, A. V. Azhachik, *Vop. med. khim.* 11 no. 2:41-46 Mr '65

Correlation between changes in transaminases and glucose in the blood serum in liver diseases. P. Boron', D. Prokopovich, *Sov. med.* 28 no. 3:50-53 Mr '65
Electrocardiographic observations in hepatocystitis. Z. L. Dolabekhan, K. T. Gasparian, *Zhur. eksp. i klin. med.* 5 no. 1:74-77 '65

LOW TEMPERATURE RESEARCH

Study of condensed systems at low temperatures; all-Union conference in Kazan. P. S. Kondratenko. Vest. AN SSSR 35 no. 10:122-125 O '65.
Use of Pomegranate's effect in producing ultralow temperatures. R. D. Amstev. Pis'ma v red Zhur. eksp. i teoret. fiz. 1 no. 5:1-7 Jo '65.

LOWER OB' HYDROELECTRIC POWER STATION

Effect of the projected Lower Ob' Hydroelectric Power Station on the nature and economic complex of the West Siberian Plain. S. V. Klopov. Probl. Sev. no. 2:261-267 '65.
The problem of navigation in the mouth of the Ob' River in connection with a possible construction of the Lower Ob' Hydroelectric Power Station. V. S. Antonov. Probl. Sev. no. 2:250-252 '65.

LOWER OB' RESERVOIR REGION—CLIMATE

Scope and nature of the effect of the projected Lower Ob' Reservoir on the local climatic characteristics of the adjacent territories. S. L. Vendov. Probl. Sev. no. 2:253-260 '65.

LOWER OB' RESERVOIR REGION—WATER, UNDERGROUND

On the possible extent of the rise of the ground water level in the shore regions of the Lower Ob' Reservoir. V. S. Morozov. Probl. Sev. no. 2:232-234 '65.

LUBRICATION AND LUBRICANTS

Existence of a second pressure peak in a lubricant layer. S. P. Pukhin. Dokl. AN SSSR 161 no. 4:761-763 O '65.
New uses of tall oil. M. S. Pasechnik, N. V. Tergeria. Bum. prom. no. 7:24 Ji '65.

Panov, V. V., and K. K. Papok. [Lubricants used in modern technology] Snazochnye masla sovremennoi tekhniki. Moskva, Nauka, 1965. 128 p. (Nauchno-popularnaya seriya)

Self-automated device for packing lubricants into small containers. F. A. G. Iliut, N. A. Derevshchikov. Transp. i khran. nefli i nefteprod. no. 5:30-32 '65.

LUBRICATION AND LUBRICANTS—ADDITIVES

Composition of oil deposits in the lubrication systems of engines operating with the MK-8 lubricating oil. I. V. Stupishin. Khim. i tekhn. topl. i masel 10 no. 10:50-51 O '65.

LUGANSK PROVINCE—VOCATIONAL EDUCATION

They went a long way. M. Vavilov. Prof. i tekhn. obr. 22 no. 10:19 O '65.

LUKONIN, MIKHAIL

Conquest. I. Denisova. Oktabr' 42 no. 10:104-106 O '65.

LUMBER

Kovalev, F. I., and N. P. Fedychin. [Preparation of lumber for export] Podgotovka plomaterialov na eksport. [Arkhangelsk] Severo-Zapadnoe knizhnoe izd-vo, 1965. 122 p.

LUMBER—DRYING

Effect of the circulating speed of the drying agent on the length and quality of lumber drying. A. K. Pukhov. Der. prom. 14 no. 8:12-14 Ag '65.
Ways for the modernization of drying rooms. A. F. Dashkovskii and others. Bum. i der. prom. no. 1:39-41 Ja-Ma '65.

LUMBER—TRANSPORTATION

Brake-type beamless log trailer designed by the East Siberian Scientific Research and Design Institute of Forest and Woodworking Industries. V. A. Ivanov, V. I. Sigaev. Trudy VSNPI Lesdrev no. 10:18-57 '64.
Lebedev, N. I., and G. I. Pomirnova. [Water transportation of lumber] Vodnyi transport lesa. Moskva, Leningradskiy inzhenerno-stroitel'skiy universitet, 1965. 396 p.
Mechanization of loading and unloading operations at wood processing enterprises. N. S. Simonenko. Der. prom. 14 no. 8:23-24 Ag '65.

LUMBERING

(see also subdivision under Ob' Valley; Russia, Northern)
Selecting similarity constants and scales in modeling loading and unloading units with flexible couplings for round lumber. I. I. Gushitsa. Trudy VSNPI Lesdrev no. 10:33-38 '64.

LUMBERING—LABOR PRODUCTIVITY see subdivision under Krasnoyarsk Territory

LUMINESCENCE

Bioluminescence and chemiluminescence of some organic compounds. A. I. Zhuravlev, V. A. Veselovskii, N. N. Koshchenko. Usp. sov. biol. 60 no. 2:178-197 S-O '65.

LUNACHARSKII, ANATOLI VASIL'EVICH, 1875-1933

Anatoli Vasil'evich Lunacharskii; on the 60th anniversary of his birth. N. V. Bychkova, A. I. Tsvetkova. Vop. ist. KPSS 9 no. 11:121-124 N '65.

Unpublished letters of A. V. Lunacharskii; on the 60th anniversary of his birth. Vest. AN SSSR 35 no. 10:70-85 O '65.

LUNAR THEORY see Moon, Theory of

LUNGS

Comparative morphology of lungs in swine as related to their specific and strain characteristics. T. M. Masanov. Trudy Inst. eksp. biol. AN Kazakh SSR 11:57-85 '65.

LUNGS—BLOOD SUPPLY

Systemization of the elastolytic changes in the pulmonary vessels and the histogenesis of elastogranuloma in rheumatic heart defects. P. A. Samokhin. Arkh. pat. 27 no. 10:38-44 '65.

LUNGS—CANCER

(see also subdivision under Ryazan Province)
Differential diagnosis of some forms of pulmonary cancer. S. A. Oganesian, M. A. Sedgaitan, Zhur. eksp. i klin. med. 5 no. 1:50-59 '65.
Importance of determining fibrinogen in the blood plasma in differential diagnosis of cancer and tuberculosis of the lungs. A. I. Tsigel'nik, V. I. Grigor'eva. Vop. onk. 11 no. 10:16-25 '65.
X-ray diagnosis of peripheral cancer of the lungs. B. A. Tsybul'skii. Nauch. trudy Riaz. med. inst. 11:0-23 '60.

LUNGS—COLLAPSE

Morphogenesis of pneumosclerosis in experimental lung collapse. E. N. Nestorov. Arkh. pat. 27 no. 10:33-38 '65.
Morphology of the caverns of resected lungs in antibacterial treatment and collapse therapy. M. Rizaev. Shor. nauch. trud. TashGMI 22:261-272 '62.

LUNGS—DISEASES

Development of gastric and duodenal ulcer in chronic nonspecific diseases of the lungs. A. V. Suchkov, A. T. Demidov. Sov. med. 28 no. 3:90-94 Mi '65.
Diagnostic difficulties in a case of bronchial cyst of the lung. M. M. Poddubnina. Probl. tub. no. 7:87-88 '61.
Fibrinogen content of the plasma in patients with pulmonary tuberculosis and with non-tuberculous lung diseases. L. I. Danilov. Probl. tub. no. 7:49-51 '64.
Pathological anatomy of adenovirus lesions of the lungs in children. A. V. Tsinzerling and others. Arkh. pat. 27 no. 10:41-28 '65.
Pneumococcal pneumonia contracted during the fishing. A. K. Dusholov. Zhur. eksp. i klin. med. 2 no. 5:67-74 '62.

LUNGS—DUST DISEASES

Comparative evaluation of the adrenal cortex function in patients with silico-pneumothorax and pulmonary tuberculosis. A. A. Koval'chuk. Probl. tub. no. 7:51-59 '61.

Lataval, A. A., and E. V. Khuzina, eds. [Methods for studying industrial dust and the incidence of pneumoconiosis] Metody izucheniya proizvodstvennoi pyli i zabolevaemosti pnevmokontozami. [Leningrad] Meditsina, 1965. 121 p. (Biblioteka sanitarnogo vracha)

(ONLM)

Significance of uropain determination in patients with silico-tuberculosis. A. V. Lesnitskiy. Probl. tub. no. 7:81-84 '64.

LUNGS—RADIOGRAPHY

X-ray diagnosis of peripheral cancer of the lungs. B. A. Tsybul'skii. Nauch. trudy Riaz. med. inst. 11:0-23 '60.

LUNGS—SURGERY

Dynamics of the correlations of serum protein fractions following resection of a segment or lobe of the lung in tuberculosis; clinicobiochemical parallels. A. G. Gil'man, A. I. Pervakovskii. Probl. tub. no. 7:43-47 '63.
Experience with radical surgery in pulmonary tuberculosis. A. A. Lishko. Sov. med. 28 no. 3:127-130 Mr '65.
Morphology of the caverns of resected lungs in antibacterial treatment and collapse therapy. M. Rizaev. Shor. nauch. trud. TashGMI 22:261-272 '62.
Prognostic importance of the morphology of the caverns of resected lungs in patients with tuberculosis. M. Rizaev. Shor. nauch. trud. TashGMI 22:253-260 '62.

LUPINE

Accumulation of nucleic and other forms of phosphorus, total and protein nitrogen in maturing lupine seeds. A. S. Vocher, I. V. Matoshko. Biokhimiya 30 no. 5:939-946 S-O '65.

LUPINE—DISEASES AND PESTS

Transmission of virus diseases of lupine through seeds. N. B. Potembkina. Trudy VIZR no. 20 p. 1:64-65 '64.

LUPINE BREEDING see subdivision under Cereals

LUPUS ERYTHEMATOSUS

Acute lupus erythematosus. V. V. Plishchagin. Trudy Vor. med. inst. 51:70-75 '63.

Changes in the blood coagulation activity of the lupus erythematosus. G. I. Shideman. Vest. der. i ven. no. 1:3-9 '65.

Role of some endocrine and metabolic disorders in the pathogenesis and treatment of lupus erythematosus. O. M. Pirogova and others. Vest. der. i ven. no. 2:11-16 '65.

LUR'E, SOLOMON IAKOVLEVICH, 1890-1964

In memory of a teacher. I. D. Anisimov, M. N. Botvinnik, L. M. Glushkova. Vest. der. i ven. no. 1:228-230 '65.
Solomon Iakovlevich Lur'e; an obituary. Vest. der. i ven. no. 1:226 '65.

LYOV—COINAGE

A contribution to the history of the coinage in Lyov. I. K. Syvashnikov. Ist. drev. i kh. vyk. no. 1:258-276 '64.

LYOV—OIL INDUSTRIES

Oils and fats fit in "Okolob" in Lyov. V. P. Ilenich. Mirozhd. prom. 31 no. 10:33 O '65.

LYOV—SEALS (NUMISMATICS)

The seals of the Lyov guilds in the 14th and 15th centuries and the problem concerning the time of their origin. V. O. Havylenko. Ist. drev. i kh. vyk. no. 1:248-252 '64.

LYOV—VINEERS AND VENEERING

Methods and systems for drying 0.2-0.5 mm micro-veneers and veneers. I. A. Karavshin, T. M. Leida. Bum. i der. prom. no. 1:31-33 Ja-Mr '65.

LYOV ECONOMIC REGION—GAS WELLS—ACIDIZATION

Hydrochloric acidification of the bottom zone of gas wells in the fields of the Lyov Economic Council. V. I. Mikhalevich, I. M. Petriv, I. R. Gordil. Gaz. dets. no. 2:7-11 '65.

LYOV PROVINCE—CRIMINAL INVESTIGATION

Procedural and organizational issues of criminal investigation conducted by a group of investigators. O. Herson. Rad. pravo 28 no. 7:23-20 O '65.

LYOV PROVINCE—DISTRIBUTIVE EDUCATION

Universities of commerce. L. I. Isacov. Sov. potreb. koop. 0 no. 10:26-27 '65.

LYOV PROVINCE—OWLS

Feeding habits of barn owl in Lyov Province. K. A. Tatarinov. Ornitologiya no. 7:492 '65.

LYOV PROVINCE—SAFETY EDUCATION, INDUSTRIAL

People's University of Safety Engineering. S. F. Chernenko. Zhel. dor. transp. 47 no. 10:83 O '65.

LYOV PROVINCE—WAGES—SERVICE INDUSTRIES

Wages depending on the proceeds in service industry enterprises. V. Orlova. Sois. trud 10 no. 10:90-93 '65.

LYOV-VOLYN' BASIN—COAL MINES AND MINING—SAFETY MEASURES

Protection of development workings in the mines of the Lyov-Volyn' Basin. V. I. Oreshkin. Ugol' Ukr. 9 no. 10:12-15 O '65.

LYOVA, TATIANA

Three friends. Kulzh. tovg. 10 no. 4:26-29 Ap '65.

LYMPH

Study on the state of the routes of lymphatic outflow from the breast by means of colloid Au¹⁹⁸. O. A. Zubovskii, V. A. Mikhalechenko. Med. rad. 10 no. 8:8-18 S '65.

LYMPHATICS

Lymphatic vessels of the gallbladder following experimental inflammation in rabbits. M. A. Dolgova. Arkh. anat., gist. i embri. 49 no. 7:99-105 Ji '65.

LYMPHATICS—BIOPSY

Methodology of transbronchial aspiration puncture of bifurcation lymph nodes under intravenous anesthesia with the use of muscle relaxants. B. G. Shukhin. Sov. med. 28 no. 3:7-10 Mr '65.

LYMPHATICS—DISEASES

Benign lymphadenosis of the skin. G. D. Shishin, A. A. Levkov, A. A. Kalamkarian. Vest. der. i ven. no. 1:9-10 '65.

LYMPHATICS—SURGERY

Surgical treatment of local forms of lymphogranulomatosis. M. Kh. Alirapetan. Zhur. eksp. i klin. med. 2 no. 9:89-94 '62.

LYMPHOCYTES

Radionecrosis of peripheral blood elements in vivo and in vitro in animals of different genotype. N. I. Nuzhdin, N. N. Kuznetsova. Trudy Inst. gen. no. 32:130-146 '65.

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Klimenko, K.I. [Economic problems of technological progress in the machinery industry of the U.S.S.R.] *Ekonomicheskie problemy tekhnicheskogo progressa v mashinostroyenii SSSR* Moscow, Nauka, 1965. 222 p. Soviet inventions in the field of mechanical engineering. Vest mashinost., 15 no. 7 85-86 J1 '65.

MACHINERY INDUSTRY WORKERS

Always on the go. A. Davydov. Inform. biul. VONKII no. 3 5-7 M1 '65.

MACHINERY INDUSTRY WORKERS—EDUCATION AND TRAINING

see subdivision under Ukraine

MACHINIST'S TOOLS

Deburring tools. R. V. Iakir. Stan i obr. 36 no. 9 4 '65.

MC MURDO STATION REGION, ANTARCTICA—CLOUDS

Nacreous clouds over McMurdo. G. G. Tarakanov. Inform. biul. Sov. mshin. i eksp. no. 52-32-34 '65.

MACROMOLECULAR COMPOUNDS—BIBLIOGRAPHY

see Bibliography—Macromolecular compounds

MAGADAN PROVINCE—FREIGHT AND FREIGHTAGE

Efficient scheme for the interregional traffic flow of Magadan Province. V. V. Ivanovskii. Probl. Sev. no. 9 86-97 '65.

MAGADAN PROVINCE—GOLD MINES AND MINING—CLIMATIC FACTORS

Practice in the analysis of meteorological data for an economic study. S. A. Mekkel', L. A. Sergeeva. Probl. Sev. no. 10 113-120 '65.

MAGNETITE

see subdivision under Sevan Lake region

MAGNESIUM

Method of quantitative determination of magnesium-oxidizing Leptothrix. N. D. Savel'eva. Mikrobiologiya 34 no. 5:895-898 S-O '65.

MAGNESIUM ALLOYS—HYDROGEN CONTENT

Hydrogen solubility in magnesium alloys. B. P. Burylov. Izl. protzv. no. 9 25-26 S '65.

MAGNESIUM ALLOYS—TESTING

Properties of magnesium alloys containing lithium. M. I. Drita, Z. A. Sylderskaia, V. I. Trokhova. Izv. vyz. ucheb. zav., lavet. met. 8 no. 6 101-107 '65.

MAGNESIUM-ALUMINUM ALLOYS

see Aluminum-magnesium alloys

MAGNESIUM CHLORATE—EFFECT ON PLANTS

Plants. Effect of magnesium chlorate on

MAGNESIUM CHLORIDE

Feasibility diagram of the system $MgCl_2 - MnCl_2$. N. G. Korzhukov and others. Vest. Mosk. univ. Ser. 2: Khim. 20 no. 4:59-60 J1-Ag '65.

Reaction of sodium borohydride with anhydrous magnesium chloride in N_2 . N-dimethylformamide. V. I. Mikhayeva, V. N. Konoplev, Zhur. neorg. khim. 10 no. 0: 2108-2114 S '65.

Thermal decomposition of magnesium chloride with production of an active product and hydrochloric acid. A. I. Tselt, D. A. Tarasuk, S. K. Knyazbekov. Trudy Inst. met. i obog. AN Kazakh. SSR 14:82-88 '65.

MAGNESIUM FOUNDRY—EQUIPMENT AND SUPPLIES

Selecting melting furnaces for magnesium alloys. A. S. Zverev. Izl. protzv. no. 9:17 S '64.

MAGNESIUM SULFATE

Investigating the system $H_2SO_4 - MgSO_4 - H_2O$ at 25 and 60°. G. D. Savrukova, A. I. Zakhubina. Trudy Inst. met. i obog. AN Kazakh. SSR 14:0-14 '65.

MAGNETIC AMPLIFIERS

Analysis of the operation of magnetic amplifiers with self-saturation and active inductive loads. A. G. Zdrok, A. A. Salutin. Elektr. tekhnika 30 no. 10:27-29 O '65.

Operational characteristics of a transistorized magnetic amplifier in the region of negative control currents. M. I. Aronov, Yu. I. Chuvpovskii. Izv. vyz. ucheb. zav.; elektromekh. 8 no. 8 874-880 '65.

MAGNETIC CIRCUITS

Determination of flux pulsations in an inductor generator. I. F. Kolesnikov. Izv. vyz. ucheb. zav.; elektromekh. 8 no. 8:916-918 '65.

Distribution of leakage flux and additional losses in the cores of large transformers under load conditions. E. A. Man'kin, D. N. Morozov, A. V. Alforsov. Elektr. tekhnika no. 0:68-70 S '65.

Magnetic field distribution in brushless electrical machines with externally short-circuited magnetic circuits. A. I. Bertinov, V. G. Andreev, I. A. Golubenko. Elektr. tekhnika 36 no. 10:8-11 O '65.

MAGNETIC FIELDS

Aberration and drift of a beam by a boundary field without transverse variation in magnetic fields. A. F. Malov. Zhur. tekhn. fiz. 35 no. 9:1617-1620 S '65.

Bound magnetoelastic waves in antiferromagnets placed in strong magnetic fields. V. G. Bor'yakhtar, M. A. Savchenko, V. V. Tarasenko. Zhur. eksp. i teor. fiz. 49 no. 3:844-852 S '65.

Current convection of the positive column in a magnetic field at low pressure. V. V. Vinogradov. Dokl. AN SSSR 164 no. 4:775-777 O '65.

Deflection of welding arcs in a transverse magnetic field. I. M. Kovalov. Svar. protzv. no. 10:1-6 O '65.

Effect of the preliminary action of magnetic field on the crystallization of calcium sulfate from aqueous solutions containing iron sulfate. A. N. Kirgintsev, V. M. Sokolov. Koll. zhur. 27 no. 5:697-701 S-O '65.

Effect of the preliminary action of magnetic field on the thermal decomposition of aqueous calcium bicarbonate solutions. A. N. Kirgintsev, V. M. Sokolov. Koll. zhur. 27 no. 5:702-704 S-O '65.

Effective magnetic fields on the nuclei in the substituted ferrites—garnets $Ca_2Y_3 - xSm_xFe_5 - xO_{12}$. K. P. Belov, I. S. Likhutin. Zhur. eksp. i teor. fiz. 49 no. 3:747-750 S '65.

Field in the stator-to-rotor gap of an induction machine with variable linear loading of the winding. A. P. Rashchepkin. Mag. gidr. no. 3:96-102 '65.

Influence of a longitudinal magnetic field on an electric arc with a nonconsumable tungsten cathode. V. S. Lavakov, K. V. Likhovskii. Svar. protzv. no. 10:9-12 O '65.

Local magnetic fields on the surface of the Nb - Zr superconductor in a mixed state. N. I. Krivko, M. M. Berger. Zhur. eksp. i teor. fiz. 49 no. 3:730-733 S '65.

Magnetic cumulation. A. D. Sakharov and others. Dokl. AN SSSR 165 no. 1:65-68 N '65.

"Mixing" of particles in a magnetic trap with a combined field. B. I. Volkov and others. Zhur. tekhn. fiz. 35 no. 0:1590-1593 S '65.

Off-diagonal kinetic coefficients of conductors in a magnetic field. S. V. Polotminskii. Fiz. tver. tela 7 no. 9:2688-2672 S '65.

Particular case of the equilibrium of a rotating cylindrical configuration in the presence of a magnetic field. R. S. Orgenesino. Astrofizika 1 no. 2:103-106 Ja '65.

Polarization interaction of opposing plasma streams in a trap with combined magnetic fields. V. G. Zykov, I. V. Stepanenko, V. T. Tolok. Zhur. tekhn. fiz. 35 no. 0:1565-1569 S '65.

Polarization of a plasma moving in a helical magnetic field. B. P. Il'enko and others. Zhur. tekhn. fiz. 35 no. 9:1594-1597 S '65.

Polarization of a plasma moving in a toroidal magnetic field. B. P. Il'enko and others. Zhur. tekhn. fiz. 35 no. 9:1568-1561 S '65.

Polarization of a plasmod moving in magnetic fields with different signs of the curvature of the lines of force. B. P. Il'enko and others. Zhur. tekhn. fiz. 35 no. 9:1602-1605 S '65.

Rotation of a weakly ionized gas in a homopolar discharge tube with a radial magnetic field. E. M. Drobyshevskii, I. B. Chekmarev. Mag. gidr. no. 3:76-80 '65.

Rotation of a welding arc on concentric electrodes with magnetic control. G. B. Serdiuk. Svar. protzv. no. 10: 1-3 O '65.

Stability of a welding arc in a transverse magnetic field. I. M. Kovalov, A. I. Akulov. Svar. protzv. no. 10:8-9 O '65.

Stability of a welding arc in a transverse magnetic field. I. M. Kovalov, A. I. Akulov. Svar. protzv. no. 10:8-9 O '65.

Stability of a welding arc in a transverse magnetic field. I. M. Kovalov, A. I. Akulov. Svar. protzv. no. 10:8-9 O '65.

Stability of a welding arc in a transverse magnetic field. I. M. Kovalov, A. I. Akulov. Svar. protzv. no. 10:8-9 O '65.

Stability of a welding arc in a transverse magnetic field. I. M. Kovalov, A. I. Akulov. Svar. protzv. no. 10:8-9 O '65.

Stability of a welding arc in a transverse magnetic field. I. M. Kovalov, A. I. Akulov. Svar. protzv. no. 10:8-9 O '65.

Stability of a welding arc in a transverse magnetic field. I. M. Kovalov, A. I. Akulov. Svar. protzv. no. 10:8-9 O '65.

Stability of a welding arc in a transverse magnetic field. I. M. Kovalov, A. I. Akulov. Svar. protzv. no. 10:8-9 O '65.

Stability of a welding arc in a transverse magnetic field. I. M. Kovalov, A. I. Akulov. Svar. protzv. no. 10:8-9 O '65.

Stability of a welding arc in a transverse magnetic field. I. M. Kovalov, A. I. Akulov. Svar. protzv. no. 10:8-9 O '65.

Stability of a welding arc in a transverse magnetic field. I. M. Kovalov, A. I. Akulov. Svar. protzv. no. 10:8-9 O '65.

Stability of a welding arc in a transverse magnetic field. I. M. Kovalov, A. I. Akulov. Svar. protzv. no. 10:8-9 O '65.

Stability of a welding arc in a transverse magnetic field. I. M. Kovalov, A. I. Akulov. Svar. protzv. no. 10:8-9 O '65.

Stability of a welding arc in a transverse magnetic field. I. M. Kovalov, A. I. Akulov. Svar. protzv. no. 10:8-9 O '65.

Stability of a welding arc in a transverse magnetic field. I. M. Kovalov, A. I. Akulov. Svar. protzv. no. 10:8-9 O '65.

Stability of a welding arc in a transverse magnetic field. I. M. Kovalov, A. I. Akulov. Svar. protzv. no. 10:8-9 O '65.

MAGNETIC MEASUREMENTS

Experimental determination of the demagnetization factor of hollow bodies using the phenomenon of magnetic shielding. A. A. Preobrazhenskii. Izv. vyz. ucheb. zav.; prib. 8 no. 5:33-36 '65.

Selecting operational frequency in measuring by the screen method. V. F. Avdeyev, V. A. Solntsev. Izv. tekhn. no. 9 8-10 S '65.

MAGNETIC PROSPECTING

see subdivision under Ural Mountains

MAGNETIC RECORDERS AND RECORDING

Harmonic analysis of subsonic-frequency electric signals and graphic curves. A. I. Naidenov. Izv. tekhn. no. 9 31-35 S '65.

MAGNETIC STORMS

Worldwide increases in cosmic ray intensity and their possible relation with geomagnetic storms. L. I. Dorman, T. V. Kholmadaev, V. G. Koridze. Izv. AN SSSR Ser. fiz. 28 no. 10 1920-1922 O '65.

MAGNETISM

Magnetic and acoustic excitations of bound magnetoelastic oscillations in a thin magnetic film. V. A. Ignatenko, I. V. Kuz'min. Zhur. eksp. i teor. fiz. 49 no. 3:797-798 S '65.

MAGNETISM—PHYSIOLOGICAL EFFECT

Erythrocyte sedimentation reaction in the electromagnetic field during radiation sickness. S. A. Skoplov, Zh. A. Geyvart. Zhur. eksp. i teor. fiz. 49 no. 3:797-798 S '65.

Magnetobiology. I. A. Kholodov. Priroda 54 no. 10 12-21 '65.

MAGNETITE

Efficient flow sheet and modern structural designs for plants for the dressing of magnetite ore. M. L. Mingkov. Trudy Mekhanoz. no. 133:125-147 '64.

Technology of dressing Krivoy Rog Basin magnetite ores. S. G. Eyslovich. Trudy Mekhanoz. no. 133:128-212 '63.

MAGNETITE—ANALYSES

Determination of magnetite in iron ores. O. P. Lebedev, T. A. Frantsuzova, V. N. Kudalov. Zav. lab. 31 no. 0: 1069-1070 '65.

MAGNETIZATION

Relation between the Barkhausen effect and the amount of remanent magnetization in steel. V. M. Radlak. Dokl. AN SSSR 164 no. 4:782-784 O '65.

MAGNETOELECTRIC MACHINES

Testing results and ways of improving a non-iron-bearing plant for desulfurizing liquid cast iron by means of electromagnetic stirring. K. D. Kononov, E. K. Kochnev. Mag. gidr. no. 3:139-144 '65.

MAGNETOHYDRODYNAMIC GENERATORS

Magnetic systems of magnetohydrodynamic machines. A. I. Bertinov, D. A. Bul, V. N. Kalugin. Mag. gidr. no. 3:145-151 '65.

MAGNETOHYDRODYNAMICS

Approximate method for calculating a flow in a region of sudden expansion in the presence of a magnetic field. I. I. Levi, M. A. Mikhalev. Mag. gidr. no. 3:41-43 '65.

Dissipative instability in magnetohydrodynamics. Yu. V. Sanochkin. Mag. gidr. no. 3:61-66 '65.

Establishment of a quasi-one-dimensional plasma flow in a shaped channel. K. V. Brushlinskii, N. M. Zueva, A. I. Morozov. Izv. AN SSSR Mekh. no. 5:3-6 S-O '65.

Excitation of a magnetohydrodynamic wave guide by a coaxial one. S. S. Kalmykova, V. I. Kuriko. Mag. gidr. no. 3:51-53 '65.

Experimental study of the initial part of a magnetohydrodynamic channel of square cross section making allowance for inhomogeneities of the magnetic field in the longitudinal direction. A. I. Khazhantov. Zhur. tekhn. fiz. 35 no. 9:1568-1576 S '65.

Flow near the critical point with magnetic fields parallel with and perpendicular to the body surface. Yu. N. Denisov, G. N. Zalogin, V. K. Kalashnikov. Mag. gidr. no. 3:81-86 '65.

Lighter-than-air stone. E. Raikhsan. Izobr. i rats. no. 7:2-3 '65.

Magnetohydrodynamic boundary layer. G. A. Likhimov. Mag. gidr. no. 3:3-20 '65.

Non-dimensional solutions of the equations of magnetohydrodynamics. V. A. Itykov. Izv. zhur. 5 no. 5:845-849 '65.

Preparation of fine coal with the magnetohydrodynamic separation method in a channel type separator. U. TS. Andron, V. A. Kharavakii. Koka i khim. no. 5:12-17 '65.

Theory of magnetohydrodynamic wave scattering at the outlet of a wave guide. V. I. Kuriko. Mag. gidr. no. 3:44-50 '65.

Transverse edge effect in flat linear induction pumps. N. M. Okhremenko. Mag. gidr. no. 3:87-95 '65.

- MAGNETOHYDRODYNAMICS (Continued)**
Two-dimensional magnetohydrodynamic jets. A. B. Tshukler, E. V. Shcherbina. *Magn. gidr.* no. 3:21-29 '65
- MAGNETOHYDRODYNAMICS—CONGRESSES**
Scientific Conference of the Department of Physicochemical Problems of Power Engineering at the Academy of Sciences of the U.S.S.R. LA IA Lel'peter, *Magn. gidr.* no. 3:156 '65.
- MAGNETO-OPTICS**
Analog of the Zeeman effect in the gravitational field of a rotating star. I. A. Zel'dovich, Pis'ma v red. Zhur. eksp. i teor. fiz. 1 no. 3:40-41 My '65
- Magnetophonon resonance in the region of the fundamental absorption edge. L. I. Korovin. *Fiz. tver. tela* 7 no. 9: 2873-2875 S '65.
- MAGNETORESISTANCE**
Computation of kinetic coefficients for certain organic semiconductors. Part 2. Computation of magnetoresistance and Hall constant. S. I. Kubarov, I. D. Mikhailov. *Tekhn. fiz. i khib. khim.* 1 no. 4:188-193 '65
Negative longitudinal magnetoresistance in scattering on acoustical phonons. L. S. Dubinskaya. *Fiz. tver. tela* 7 no. 9: 2821-2828 S '65.
- MAGNETRONS**
Motion of electrons in a two-row magnetron. G. P. Prudkovskii. *Elektron. boi'sh. moshch.* no. 4:212-242 '65.
- MAIAKOVSKIY, VLADIMIR VLADIMIROVICH, 1893-1930**
The researcher and poetry. V. Naikov. *Otkrytiya* 42 no. 10:208-211 O '65.
Studies on the characteristics of V. Maikovsky's satirical feuilletons written at the end of the 1920's. N. S. Zelensova. *Trudy Un. druzh. naiz.* 4, Vop. lit. no. 1:67-95 '64.
- MAIKOP—FACILITIES—DESIGN AND CONSTRUCTION**
Efficient project of work execution in building the Maikop paperboard-making factory. M. Vasil'ev. *Na st. o Ros.* 6 no. 9:14-15 S '65
- MAISKII, IVAN MIKHAILOVICH, 1884-**
I. M. Maikskii's works and the British bourgeois critics. N. N. Iakovlev. *Vop. ist.* 40 no. 10:196-205 O '65.
- MAIZE** see Corn (Maize)
- MAKEYEVKA (DONETSK PROVINCE)—IRON AND STEEL PLANTS—EQUIPMENT AND SUPPLIES**
Burning-in the hearth bottom of open-hearth furnaces at the Makeyevka Metallurgical Plant. A. P. Protasov. *Met. i gornorud. prom.* no. 4:73-74 J1-Ag '65.
- MALEAMIC ACID**
Synthesis of orotic acid from maleuric acid. S. I. Zav'yalov, I. A. Mikhailov, V. I. Gumar. *Izv. AN SSSR. Ser. khim.* no. 10:1887-1888 '65.
- MALEIMIDE**
Synthesis of trifluoromethylmaleimide. V. A. Gushinskaya, Z. V. Borisova. *Izv. AN SSSR. Ser. khim.* no. 10:1907-1908 '65.
- MAI—RELATIONS (GENERAL) WITH RUSSIA**
Members of the Mai cooperative societies about their visit to the Soviet Union. *Sov. potrebn. koop.* 9 no. 10: 80 '65.
- MAI—VOCATIONAL EDUCATION**
Personnel for the Republic of Mai. M. Prokof'ev. *Prof.-tekh. obr.* 22 no. 10:46 O '65.
- MALIC ACID**
Malate dehydrogenase and glyoxalate reductase of *Aspergillus niger*. A. S. Demina, V. I. Iakovleva, V. L. Kreto-vich. *Biokhimiya* 30 no. 5:956-963 S-O '65.
O₂ absorption by chloroplasts under illumination in the presence of malic acid. I. M. Mosolova and others. *Dokl. AN SSSR* 184 no. 5:1179-1182 O '65.
- MALLARD** see subdivision under Leningrad Province
- MAMLYUTKA DISTRICT—CIVIL DEFENSE—STUDY AND TEACHING**
The training place, a collective farm. N. Kolesnikov, R. Valiev. *Voen. znani.* 41 no. 8:22-23 S '65.
- MAMLYUTKA DISTRICT—COLLECTIVE FARMS**
The training place, a collective farm. N. Kolesnikov, R. Valiev. *Voen. znani.* 41 no. 8:22-23 S '65.
- MAMMALS** see subdivision under Georgia, Yakutia
- MAMMOTH**
Mammoth and the saddle of climate. V. P. P'linkov. *Prirada* 54 no. 10:86-91 '65.
- MAMONTOVA, VALENTINA NIKOLAEVNA, 1895-**
V. N. Mamontova. *Zemledelie* 27 no. 10:43 O '65.
- MAN—CONSTITUTION**
Methods of conducting laboratory work on the topic "General acquaintance with the human organism." A. I. Nesterov, A. A. Kamaeva. *Uch. zap. Chuv. gos. ped. inst.* no. 16:143-116 '63.
- MAN—MIGRATIONS**
Seaways to Polynesia. V. I. Voltov. *Prirada* 54 no. 2:80-89 F '65.
- MAN—ORIGIN**
Borisevskii, P. I. [Modern science on the origin of man] *Sovremennaya nauka o protskhozhdении cheloveka*. [Leningrad] Lenizdat, 1956. 87 p. (ICU)
Danilova, E. I. [Evolution of the hand in relation to problems of anthropogenesis] *Evolyutsiya ruki v svyazi s voprosami antropogeneza*. Kiev, Naukova dumka, 1965. 187 p.
- MAN, PREHISTORIC** see subdivision under Tanzania
- MANAGEMENT**
Advantages of the socialist system of management. A. Amarov. *Agitator* 33 no. 20:13-16 O '65.
Socialist state enterprises and economic administration. V. Kopechikov. *Rad. pravo* 28 no. 7:40-44 O '65.
V. I. Lenin on management and economic incentives to production. *Agitator* 33 no. 20:10-12 O '65.
- MANGANESE—ALUMINUM ALLOYS** see Aluminum-manganese alloys
- MANGANESE CATALYSTS**
Active form of a manganese catalyst in the ozone-catalytic method of sulfur dioxide oxidation in acid solutions. S. S. Vasil'ev, O. G. Nenkova, N. I. Element. *Zhur. fiz. khim.* 39 no. 9:2286-2288 S '65.
- MANGANESE CHLORIDES**
Fuelability diagram of the system MgCl₂ - MnCl₂. N. G. Korzhakov and others. *Vest. Mosk. un. Ser. 2: Khim.* 20 no. 4:50-60 J1-Ag '65.
- MANGANESE COMPOUNDS**
Preparation of acetylcyclopentadienyl carbonylmanganese. I. A. M. Paushkin, T. P. Vishnikova, I. D. Kurashova. *Zhur. ob. khim.* 35 no. 9:1882-1884 S '65.
- MANGANESE COMPOUNDS—MAGNETIC PROPERTIES**
Magnetic properties of MnGe₂. V. N. Novogradskii, I. G. Fakidov, V. V. Semenov. *Fiz. tver. tela* 7 no. 9: 2803-2805 S '65.
- MANGANESE COMPOUNDS—THERAPEUTIC USE**
Manganese sulfate in the compound treatment of iron insufficiency anemias. V. A. Boiko. *Gemat. i perel. krovi* 1:186-188 '65.
- MANGANESE IN THE BODY**
Manganese content in the blood of a newborn infant, in the venous and retroplacental blood of the mother and in the mother's milk. V. I. Medvedeva. *Dokl. AN BSSR* 9 no. 8:503-504 Ag '65.
- MANGANESE MINES AND MINING**
(see also subdivision under Ukraine)
Technical and economic efficiency of automatically controlled high-capacity rotary bucket excavators. A. S. Belash, G. F. Linnik, S. N. Voliko. *Met. i gornorud. prom.* no. 4:68-69 J1-Ag '65.
- MANGANESE ORES**
Forms of occurrence of radioactive elements in iron-manganese concretions. D. S. Nikolaev, E. I. Efimova. *Radiochimia* 7 no. 5:814-822 '65.
A technical conference on the conditions and prospects of iron and manganese ore dressing and the pelletizing of concentrates. V. A. Panasenko. *Met. i gornorud. prom.* no. 4:81-82 J1-Ag. '65.
- MANGANESE ORES—ANALYSIS**
Radiochemical composition of iron-manganese concretions and manganese ores. E. I. Efimova, D. S. Nikolaev. *Radiochimia* 7 no. 5:803-814 '65.
- MANGANESE OXIDES**
Effect of the temperature of special treatment of manganese dioxide on the rate of oxygen exchange. I. A. Krasnikhin, A. P. Zuev. *Khim. i tekhn. 6 no. 3:175-185 My-Je '65.*
- MANGANESE Selenate**
Thermal degradation of manganese selenate. I. A. Zhibova, I. A. Prymova, N. M. Selivanova. *Izv. vuzov. ucheb. zap.* i khim. i khim. tekhn. 8 no. 4:381-1-2 '65.
- MANGANESE Selenide—ELECTRIC PROPERTIES**
Electroconductivity and thermoe.m.f. of manganese selenide. G. I. Makovetskii, N. N. Shota. *Dokl. AN BSSR* 9 no. 1:15-17 Ja '65.
- MANGANESE SILICIDES—THERMODYNAMICS**
Thermodynamic properties of manganese silicides. V. N. Eremenko, G. M. Lukashenko, V. R. Shchegolev. *Porosh. met.* 1 no. 5:49-51 S-O '61.
- MANGANESE SILICIDES, EFFECT OF TEMPERATURE ON**
Phase conversion of MnSi₂. R. P. Krendak and others. *Zhur. neorg. khim.* 10 no. 9:2192-2193 S '65.
- MANGANESE-SILICON-COPPER ALLOYS** see Copper-manganese-silicon alloys
- MANGISTAUISKIY DISTRICT—LOCUSTS**
Locusts of Mangistauisky District. G. I. Yezhov. *Trudy Kuz. NIIZR* 3:260-262 '64.
- MANGYSH LAK PENINSULA—BEETLES**
Mates in the ground beetles and tiger beetles (Coleoptera: Carabidae, Cicindelidae) of the Mangyshlak Peninsula and the northwestern Ustyurt. O. I. Tikhonov. *Trudy Kuz. NIIZR* 3:267-271 '64.
- MANGYSH LAK PENINSULA—DARKLING BEETLES**
Materials on the fauna of darkling beetles (Coleoptera, Tenebrionidae) of the Mangyshlak Peninsula and the northwestern Ustyurt. N. G. Skopina. *Trudy Kuz. NIIZR* no. 3:277-287 '64.
- MANGYSH LAK PENINSULA—ROBBER FLIES**
Robber flies (Diptera, Asilidae) of the Mangyshlak Peninsula. P. A. Loev. *Trudy Kuz. NIIZR* 3:281-284 '64.
- MANGYSH LAK PENINSULA—SCARABAEIDAE**
Plant-feeding Scarabaeidae of the Mangyshlak Peninsula. I. N. Skopina. *Trudy Kuz. NIIZR* no. 3:282-286 '64.
- MANGYSH LAK PENINSULA—SWANS**
Whooper swan on the Mangyshlak Peninsula. A. V. Molodovskii. *Ornitologia* no. 7:401 '65.
- MANGYSH LAK PENINSULA—WATER, UNDERGROUND**
Artesian deep underground waters in Jurassic sediments in the southern part of the Mangyshlak Peninsula. V. A. Kortsenshtein. *Dokl. AN BSSR* 185 no. 1:167-170 S '65.
- MANNANS**
Structure of haptan from *Candida pseudotropicalis*. S. I. Bimov, G. A. Vitovskaya. *Biokhimiya* 30 no. 5:941-944 S-O '65.
- MANNED SPACE FLIGHT**
Fantasy and reality. Boris I. Lapinov. *Kryl. i per. l.* 10 no. 0:16 Je '65.
- MANOMETEN**
Determining the level of mercury in the steel tubes of a differential manometer at high static pressures. V. V. Dovlikov, E. M. Vygodskii, V. S. Malinovich. *Neteprom. dele* no. 6:20-28 '65.
- MANUAL LABOR**
Attacking manual work. V. Bimov. *Agitator* 33 no. 1:32-35 My '65.
- MANUSCRIPTS**
Akademika nauk SSSR. Arkhiv. [Manuscript legacy of V. F. Shishmarev in the Archives of the Academy of Sciences of the U.S.S.R.; description and publication] *Rukopisnye nasledie V. F. Shishmareva v arkhive Akademii nauk SSSR; opisaniye i publikatsiya*. Moskva, Nauka, 1965. 248 p. (In *Trudy*, no. 21)
- MANUSCRIPTS—CONSERVATION AND RESTORATION**
Mycoflora of the air of archives and the results of tests of some physical measures against it. I. G. Alukhina. *Meskhishvili. Soob. AN Gruz. SSR* 30 no. 3:383-388 S '65.
- MANUSCRIPTS (PAPYRI)**
Unpublished papyrus and other texts of the State Hermitage. O. O. Kruglov, M. G. Bystrikova. *Vest. drev. ist.* no. 1:103-106 '65.

MANUSCRIPTS, CZECH

An unrevealed 15th century Czech document in manuscript form. V. P. Andel, V. A. Motornyi, K. K. Trifonovych. *Viznyk L'viv un. Ser. filol.* no. 3:52-55 '65.

MAPS

Baldia, V. M. *Acetarea*. Moskva, Mysl', 1965. 143 p. illus.

MAPS—BIBLIOGRAPHY see Bibliography—Maps

MARBLE INDUSTRY see subdivision under Armenia

MARCHLEWSKI, JULIAN BALTAZAR, 1860-1925

Wapenska, Monika. [I am looking for Baltazar Kulavskii. Authorized translation from the Polish] *Ishchu Baltazara Kulavskogo*. Moskva, Politizdat, 1965. 151 p.

MARCINKEVICIUS, JUSTINAS, 1930-

Poetry, personality, time on the verses and poems of J. Marcinkevicius. R. Pakulniskis. *Lit. i sov. no. 5* 305-323 '61.

MARDAKYAN (AZERBAIJAN)—SANATORIUMS

Villages. A. M. Bagah. *Sbor. nauch. rab. vrach. san. - kur. uch. p'ofsovetov* no. 1:181-197 '64.

MARDAKYAN (AZERBAIJAN)—SANATORIUMS—MANAGEMENT

Mardakyan contrasts. I. I. Korabel'nikov. *Sov. prof. sozuz* 21 no. 20:30-31 O '65.

MARI A. S. S. R.—MOTION-PICTURE THEATERS—FIRES AND FIRE PREVENTION

Successful fire extinction in the "Mir" movie theater. O. Totopov. *Pozh. delo* no. 10:20-21 O '65.

MARI A. S. S. R.—NAMES, GEOGRAPHICAL—RUSSIAN

Russian toponyms of the Mari A. S. S. R. F. I. Gordeev. *Vop. mar. iaz.* no. 1:45-60 '64.

MARINSK CANAL SYSTEM see Volga-Dnieper Sea Waterway

MARINE BIOLOGY

Some characteristics of the accumulation of yttrium and cerium by marine organisms. V. P. Pachevskii, G. G. Polikarpov, I. S. Zaborunova. *Dokl. AN SSSR* 164 no. 4:913-916 O '65.

MARINE BOILERS see Boilers

MARINE DIESEL ENGINES

Effect of the expansion of the air charge in the reduction valve on the thermal efficiency of the diesel. V. M. Sokolov. *Trudy LITV* no. 70:22-28 '61.

Effect of the temperature of the incoming air on the supercharger parameters of the diesel. V. A. Abramovich. *Trudy LITV* no. 70:17-21 '64.

Filippov, A. P., and I. N. Vasil'ev. [Operation of the marine internal combustion engines on heavy fuel] *Ekspluatatsii sudovykh dvigatelov vnutrennego sgoiannia na tiazholom toplivo*. Moskva, Transport, 1965. 343 p.

Outlook for the use of locomotive diesels on river vessels. F. D. Utlang. *Trudy LITV* no. 72:6-17 '64.

Petrovskii, N. V. [Fundamentals of the design of marine diesel engines] *Osnovy proektirovaniia sudovykh dizel'nykh ustanovok*. Leningrad, Sudostroenie, 1965. 309 p. diagrs. (insert)

Possibilities of improving the economic characteristics and reducing the wear of marine diesels under conditions of fractional operation regimes. V. B. Pruss. *Trudy LITV* no. 72:45-52 '64.

Results of comparative operational tests of the 3D6 engines with the anticorrosion reagent "omnisold KS." B. V. Vasil'ev. *Trudy LITV* no. 72:30-33 '61.

Similarity of the theoretical cycles of internal combustion engines. A. D. Kozov. *Trudy LITV* no. 70:41-44 '64.

Studying the possibility of electrolytic boronization to increase the wear resistance of cylinder bushings in marine diesels. N. I. Golubkov, A. V. Krtulin. *Trudy LITV* no. 70:35-40 '64.

Studying the starting process of internal combustion engines. S. G. Erenburg. *Trudy LITV* no. 72:34-44 '64.

Vibration insulating effect of the compensators of gas exhaust pipes of internal combustion engines. S. A. Dvina. *Trudy LITV* no. 60:38-44 '64.

MARINE DIESEL ENGINES—COOLING

Increasing the power and improving the economic characteristics of diesels through evaporative cooling by water injection. Z. A. Khandov, V. A. Abramovich. *Trudy LITV* no. 70:5-18 '64.

MARINE DIESEL ENGINES—FUEL CONSUMPTION

Establishing fuel and oil consumption norms for SRT type boats. I. P. Kleimov, V. G. Kuz'min, V. V. Shchagin. *Trudy Kal. tekhn. inst. ryb. prom. i khoz.* no. 18:138-147 '63.

MARINE DIESEL ENGINES—FUEL SYSTEMS

Simplified method of calculating fuel systems. K. L. Narkovich. *Trudy Kal. tekhn. inst. ryb. prom. i khoz.* no. 18:152-156 '63.

MARINE DIESEL ENGINES—LUBRICATION

Analyzing the results of testing oils with new additives for the 2Ch10, 5/13 engines. N. P. Sokolov. *Trudy LITV* no. 70:29-34 '64.

Charts for the connection of separators to the lubricating system of marine power plants. A. B. Gentr, S. G. Gendel'. *Trudy LITV* no. 72:18-21 '64.

Establishing fuel and oil consumption norms for SRT type boats. I. P. Kleimov, V. G. Kuz'min, V. V. Shchagin. *Trudy Kal. tekhn. inst. ryb. prom. i khoz.* no. 18:138-147 '63.

Possibilities of increasing the service length of oil in marine diesel engines. V. N. Shvarts. *Trudy Kal. tekhn. inst. ryb. prom. i khoz.* no. 18:148-151 '63.

MARINE DIESEL ENGINES—MAINTENANCE AND REPAIR

Reconditioning worn-out pistons made of aluminum alloys by argon-arc build-up welding. F. F. Benua. *Trudy LITV* no. 80:17-27 '65.

MARINE ENGINES

Deformation of the cross section of thin-walled steel cylinders during longitudinal hard facing. A. A. Orlov. *Trudy LITV* no. 80:37-48 '65.

MARINE ENGINES—FOUNDATIONS

Shock absorption in DG-25 diesel generators. D. M. Veitkeon, N. F. Solov'ev. *Trudy LITV* no. 60:32-37 '64.

MARINE ENGINES—MAINTENANCE AND REPAIR

Reconditioning cylindrical steel parts by thin-layer build-up welding. A. I. Kattler. *Trudy LITV* no. 80:12-18 '65.

MARINE FAUNA

(see also subdivision under Kanda Bay)

More attention to coastal marine fauna fisheries. I. I. Nazarenko. *Ryb. khoz.* 41 no. 8:19 '65.

MARINE GAS TURBINES

Calculation of transient processes in marine gas turbines. I. V. Kotliar, V. V. Selin. *Trudy Kal. tekhn. inst. ryb. prom. i khoz.* no. 18:301-308 '63.

MARINE PIPING

Methods and norms for calculating the strength of marine steam pipes. P. N. Shil'nov. *Trudy LITV* no. 75:39-48 '64.

MARINE PIPING—MAINTENANCE AND REPAIR

Kononov, V. P., V. E. Mochalov, and K. M. Rostik. [Repair of ship systems and piping] *Remont sudovykh sistem i truboprovodov*. Leningrad, Sudostroenie, 1965. 231 p.

MARINE RAILWAYS

Zhuritskii, V. I., S. M. Sakharov, and M. I. Fionov. [Transportation within a port] *Vnutriportovoi transport*. Moskva, Transport, 1965. 165 p.

MARINE REFRIGERATION

Use of a binary mixture of freon 22 and freon 142 in refrigerating units. V. M. Seliverstov, V. B. Mirkin. *Trudy LITV* no. 60:22-31 '64.

MARITIME METEOROLOGY see Meteorology, Maritime

MARITIME TERRITORY—ANTIMONY ORES

Antimony-mercury ore zones in the Maritime Territory. Z. V. Sidorenko, V. I. Berger, S. N. Petrovskii. *Dokl. AN SSSR* 164 no. 5:1137-1140 O '65.

MARITIME TERRITORY—BIRDS

Some rare birds of the southern Maritime Territory. N. M. Litvinenko, I. U. V. Shibaev. *Ornithologia* no. 7:116-121 '65.

MARITIME TERRITORY—MERCURY ORES

Antimony-mercury ore zones in the Maritime Territory. Z. V. Sidorenko, V. I. Berger, S. N. Petrovskii. *Dokl. AN SSSR* 164 no. 5:1137-1140 O '65.

MARITIME TERRITORY—PARASITES—EDMINE MOTHS

Predatory insect exterminating caterpillars of the fruit-moth *Hypocnemata padellus* in the Far East. Z. F. Karaseva. *Trudy VIZR* no. 20 p. 1:55-68 '64.

MARITIME TERRITORY—PITWOOD—STANDARDS

Practical determination of pitwood resources according to specifications and recommendations during logging. M. I. Didkovskii. *Trudy VSNPI Lesdrev* no. 10:3-11 '64.

MARKETING RESEARCH

Tasks of a marketing research service. A. Belikov, V. Shvili. *Sov. poireb. khoz.* 9 no. 10:35-37 '65.

MARKING DEVICES

Grading device. I. S. Sushkov. *Mashinostroi.* no. 10:20 O '65.

Marking device. M. V. Krasil'nikov. *Mashinostroi.* no. 10:13 O '65.

MARROW

Changes in the quantity of reticulocytes in the peripheral blood under the effect of a brief hypoxia as a method for evaluating the functional state of bone marrow. R. M. Glants, N. A. Kilmov, V. M. Petrovko. *Gemat. i perel. krovi* 1:175-179 '65.

Composition and properties of the blood and bone marrow in cattle. A. A. Kudryavtsev and others. *Veterinaria* 42 no. 10:50-52 O '65.

Preservation of bone marrow in glycerol by means of rapid freezing. S. S. Lavrik. *Gemat. i perel. krovi* 1:91-99 '65.

MARROW—CANCER

Clinical classification of carcinomas of the bone marrow. G. V. Dushitskiis. *Nauch. trudy Riaz. med. inst.* 11:297-306 '60.

MARROW—TRANSPLANTATION

Effect of bone marrow homotransfusions on the clinical course and biochemical changes in acute radiation sickness. L. M. Belkova and others. *Gemat. i krovi* 1:99-102 '65.

Effect of repeated experimental aspiration of bone marrow on the organism of the donor. R. I. Naidonova. *Gemat. i perel. krovi* 1:108-109 '65.

Regeneration of homopotesis on donors following the aspiration of various amounts of bone marrow experimentally and clinically. T. L. Laduba. *Gemat. i perel. krovi* 1:103-107 '65.

Treatment of experimental radiation sickness with bone marrow and antibiotics. S. N. Aleksandrov, K. F. Galkovskaya, T. I. Baldaachenko-Rostovaeva. *Vop. onk.* 11 no. 10:77-81 '65.

MARROW—TUMORS

Spinal manifestations in Rushtskii's disease. E. A. Morozova. *Trudy I-go MMI* 35:472-476 '65.

Treatment of the Rushtskii-Kahler disease with sarcosine. M. M. Belikova. *Nauch. trudy Riaz. med. inst.* 11:307-312 '60.

MARS (PLANET)—ATMOSPHERE

Evaluating the abundance and total pressure of carbon dioxide by infrared spectra of Venus and Mars. V. I. Moroz. *Astron. tsytr.* 27:31-4 D '63.

MARS (PLANET)—SURFACE

Spectrophotometric comparison of continents of Mars with terrestrial red-colored rocks. I. I. Lebedeva. *Uch. zap. IAU* no. 325:125-131 '65.

MARTENS—FOOD see subdivision under Ural Mountains

MARTIN, PAUL, 1903-

People and events: Maurice Conve de Mailville; Per Berlen, Paul Martin. *Nov. vrem.* 23 no. 44:12, 25, 31 O '65.

MARK FAMILY

Children in the Marx and Engels families. K. Seleznev. *Doshk. vosp.* 38 no. 7:5-10 31 '65.

MASERS

Dispersion of waves in the pin-type delay system of a paramagnetic amplifier. G. S. Mlaetzhnikov. *Radio-tekhn. i elektron.* 10 no. 10:1856-1864 O '65.

MASS MEDIA see subdivision under Japan

MASS SPECTROMETRY

Mass spectra of dissociation of CH₄, CH₃, CH₂, ions and certain radicals. S. E. Kuprianov. *Kin. i kat.* 9 no. 3:532-533 Mj-Je '65.

Mass spectra of some monocyclopentadienyl derivatives of titanium. A. N. Nesmedanov and others. *Dokl. AN SSSR* 165 no. 1:125-126 N '65.

Mass-spectroscopic method for studying the hydrogen permeability of refractory materials. I. I. Belikov, I. U. L. Zvaidin. *Zav. lab.* 31 no. 9:107-1109 '65.

Some results of a mass-spectrometric study of the performance of a halogen leak detector. V. I. Karpov, L. E. Levina, L. D. Murav'eva. *Zhur. tekhn. fiz.* 35 no. 8:1082-1085 S '65.

Vapor composition over rhenium oxides. G. A. Semenov, K. V. Ovchinnikov. *Zhur. ob. khim.* 35 no. 9:1517-1521 S '65.

MASS TRANSFER

Akademika nauk SSSR, Minsk. Institut teplo- i masso-obmena. [Problems of nonsteady-state heat and mass transfer] *Voprosy nestatsionarnogo perenosa tepla i massy*. Minsk, Nauka i tekhnika, 1965. 162 p.

MASS TRANSFER (Continued)

Coefficients of mass transfer in gas absorption processes by large diameter drops. I. G. Pilit. Izv. vuz. uch. zh. zav. khim. i tekhn. 8 no. 3 191-193 '65.

Determining the coefficients of mass transfer during absorption. D. S. Artamonov, B. N. Orlov, I. V. Tumanov. Khim. i tekhn. topl. i masel. 10 no. 10 15-16 O '65.

Lykov, A. V., and B. M. Smol'skii, eds. [Heat and mass transfer between bodies and the ambient gaseous medium] Teplo- i massopromenitel'skie okruzhayushchei gazovoi sredoi. Minsk, Nauka i tekhnika, 1965. 181 p.

Lykov, A. V., and B. M. Smol'skii, eds. [Heat and mass transfer in capillary-porous bodies] Teplo- i massopromenitel'skie kapillarno-poristykh telakh. Minsk, Nauka i tekhnika, 1965. 152 p.

Optimal response time for uncorrelated heat and mass transfer processes. B. M. Raspopov. Avtom. i telet. 26 no. 10 1857-1861 O '65.

Relation between the factor of surface renewal and the conditions of mixing in Lewis' cell. L. N. Braginskii, I. S. Pavlushenko, Zhur. prikl. khim., 38 no. 6 1280-1295 Je '65.

Studying the process of mass transfer in a scrubber having conically slotted plates. S. I. Khokhlov, V. A. Annenkov, G. A. Smutkin. Khim. i nef. mashinost. no. 9 25-26 S '65.

MASTS AND RIGGING

New method of manufacturing rigging equipment. N. P. Sadovnikov, V. P. Lukin. Ryb. khoz. 41 no. 9 51-54 '65.

MATERIALS

Braun, D. A. [New materials in engineering] Noveye materialy v tekhnike. Moskva, Vysshaya shkola, 1965. 194 p.

Mustafae, A. D. [New materials used in the manufacture of machines and instruments] Noveye materialy v mashinostroyeni i priborostroyeni. Baku, Azerbaidzhanskoe gos. izd-vo, 1965. 246 p.

MATERIALS—BIBLIOGRAPHY see Bibliography—Materials

MATERIALS—DETERIORATION

Blahnik, Roman, and Valerie Zanova. [Microbiological corrosion. Translated from the Czech] Mikrobiologicheskaya korrozia. Moskva, Khimika, 1965. 221 p.

MATERIALS—TESTING

Experimental study of the dynamic properties of materials using the method of unloading transverse impact. K. A. Kerimov. Dokl. AN SSSR 164 no. 6 1246-1248 O '65.

MATERIALS AT HIGH TEMPERATURES

Batt, I. M., and L. N. Rashkovich. [Hardening of binding materials at high temperatures] Tverdenie viazushchikh pri povyshennykh temperaturakh. Izd. 2., perer. i dop. Moskva, Stroiizdat, 1965. 222 p. illus. charts (insert).

Investigating the mechanical strength of cast stone at high temperatures. L. E. Lipovskii, A. M. Nashchukin. Sek. i ker. 22 no. 3 5-6 Mr '65.

MATERIALS AT LOW TEMPERATURES

Effect of high strength of glass and quartz fibers at -196° (in liquid nitrogen). M. S. Aslanova, V. E. Khazanov. Dokl. AN SSSR 164 no. 6 1277-1279 O '65.

MATERIALS HANDLING

Organization of material handling operations in confectionery enterprises. V. I. Mina, Khleb. i konf. prom. 9 no. 10 37-38 O '65.

MATERIALS HANDLING—ABSTRACTS

[Industrial transportation] Ref. zhur.: Prom. transp. nos 10-11 O-N '65.

MATERIALS HANDLING—PATENTS

Pivovarov, A. I., and R. Kh. Bolner. [Design of auxiliary material handling equipment for woodworking industries] Konstruktsii okoloostanchnogo oborudovaniia dlia derevoobrabatvalushchikh proizvodstv. Moskva, TSentr. nauchno-issl. i patentnoi informatsii i tekhniko-ekon. issledovani, 1965. 30 p. (Obzor otechestvennykh i inostrannykh izobretenii).

MATERIALS MANAGEMENT see subdivision under Donetsk

MATHEMATICAL ECONOMICS see Economics, Mathematical

MATHEMATICAL LINGUISTICS

Entropy of the French printed text. N. V. Petrova. Izv. AN SSSR. Ser. lit. i jnz. 24 no. 1 63-67 Ja-F '65.

MATHEMATICAL MODELS

Finitely reducible classes of models. S. R. Kogalovskii. Sb. mat. zhur. 6 no. 6 1021-1025 S-O '65.

MATHEMATICAL OPTIMIZATION

Determination of the optimum conditions of rock breaking in the rotary-percussion drilling method; the determination of the optimum angle of rotation of the drill. I. A. U. Santov, I. Shamsurov. Izv. AN Uz. SSR. Ser. tekhn. nauk 9 no. 1 75-78 '65.

Existence of an optimal Liapunov function and continuous optimum control for a problem concerning the analytic construction of regulators. I. G. Al'mekht. Difer. urav. 1 no. 10 1301-1311 O '65.

Trajectory of a point of variable mass in the central field. V. S. Novoselov. Vest. LGU 20 no. 10 147-156 '65.

Use of mathematical methods and electronic computers in coal mining. P. A. Demidov. Ugol' Ukr. 9 no. 10 53-54 O '65.

MATHEMATICAL PHYSICS

A class of problems in mathematical physics with a mixed spectrum of eigenvalues. I. T. Lyanovskaya. IA. S. Ufiland. Dokl. AN SSSR 164 no. 5 1005-1007 O '65.

MATHEMATICAL RECREATIONS

Instructive games. E. Gel'fman. Sem'ia i shkola 20 no. 9 46 S '65.

MATHEMATICAL STATISTICS

Gnedenko, B. V., I. K. Belluev, and A. D. Solov'ev. [Mathematical methods in reliability theory, fundamental characteristics of reliability and their statistical analysis] Matematicheskie metody v teorii nadezhnosti, osnovnye kharakteristiki nadezhnosti i ikh statisticheski analiz. Moskva, Nauka, 1965. 524 p. (Platko-matematicheskaya biblioteka inzhenera).

Method of mathematical (statistical) simulation of a certain class of mass-service-type systems. G. A. Aliev. Za tekhn. prog. 5 no. 8 11-14 Ag '65.

Statistical method of quality control of structural elements. V. A. Lantsov, L. A. Polonskii. Stroitel'skii Len. 27 no. 8 32-33 Ag '65.

Statistical processing of field experiment data. B. A. Dospikhov. Zemledelie 27 no. 10 71-77 O '65.

MATHEMATICAL STATISTICS—PROBLEMS, EXERCISES, ETC

Volodin, B. G., and others. [Problems in probability theory, mathematical statistics, and theory of functions of random variables] Sbornik zadach po teorii veroiatnostei, matematicheskoi statistike i teorii sluchainykh funktsii. Pod obshelei red. A. A. Svechnikova. Moskva, Nauka, 1965. 632 p.

MATHEMATICS

Andronov, I. K. [Mathematics for technical schools; a course in unified mathematics] Matematika dlia tekhnikumov, kurs edinoi matematiki. Moskva, Vysshaya shkola, 1965. 823 p.

Leonhard Euler's work in composing arithmetic and algebra textbooks. A. G. Kharmala. Uch. zap. Pskov. gos. ped. inst. no. 21 66-76 '64.

MATHEMATICS—ABSTRACTS

[Mathematics] Ref. zhur.: Mat. no. 0 Je '65.

MATHEMATICS—AUDIO-VISUAL AIDS

Filmstrips in mathematics. A. V. Mykhalevskii. Rad. shk. 44 no. 6 68-74 Je '65.

Perforated cards in mathematics classes. V. I. Lukavets'kii, M. P. Malinuk. Rad. shk. 44 no. 6 17-20 Je '65.

MATHEMATICS—PROGRAMMED INSTRUCTION

Elements of programmed instruction in mathematics classes. V. H. Kovalenko. Rad. shk. 44 no. 6 21-22 Je '65.

MATHEMATICS—STUDY AND TEACHING

(see also subdivision under Chuvashia; Germany, East; Kirovograd Province)

Aesthetics in mathematics. V. T. Koveshnikov. Sred. spets. obr. 12 no. 9 36-37 S '65.

Characteristics of students' accomplishments in mathematics. L. M. Mukhina. Uch. zap. Pskov. gos. ped. inst. no. 21 33-46 '64.

Consult your textbook more frequently. G. Mikhail'kov. Nar. obr. no. 10 56-57 O '65.

Experience in teaching mathematics in speeded up instruction groups. L. M. Mukhina, A. I. Ushkevich. Uch. zap. Pskov. gos. ped. inst. no. 21 47-65 '64.

Let's prepare students for written examinations in mathematics. M. M. Bulavats'kii. Rad. shk. 44 no. 10 50-55 O '65.

Methods of teaching students to solve problems. K. S. Melnikov. Uch. zap. Chuv. gos. ped. inst. no. 10 102-103 '63.

Repetition of a school year retreats. A. Lebedeva. Nar. obr. no. 10 110-120 O '65.

Traditional mathematical Olympiad. I. Stepanov. Nar. obr. no. 10 123 O '65.

Ways for the improvement of methods and methodology of the teaching of mathematics in the pedagogical institutions of higher learning. A. Z. Nasrov. Uch. zap. Chuv. gos. ped. inst. no. 10 100-114 '63.

MATHEMATICS—TERMINOLOGY see subdivision under Ossella, North

MATRICES

Dorevich, Z. L. [Determinants and matrices, textbook for correspondence students] Opredeliteli i matritsy, uchebnoe posobie dlia uchushchies. Leningrad, univ., 1965. 162 p.

Derivation of an S-matrix in accordance with the perturbation theory. B. M. Stepanov. Izv. AN SSSR. Ser. fiz. i mat. 20 no. 5 1037-1054 '65.

Matrix method for solving differential equations in the case of the discontinuity of functions in the area of integration. I. P. Ulyayev. Vych. i ang. tekhn. i fiz. i prot. no. 1 62-63 '64.

Matrix method of calculating the statically loaded rods. I. B. Stetsukhin, I. V. Repin. Trudy Leningradskogo univ. no. 1 55-113 '61.

One condition for matrix similarity. D. A. Suprunenko. Dokl. AN BSSR 9 no. 1 5-6 Ja '65.

Preliminary study of normal equation matrices. B. V. Mokhov. Izv. vuz. uch. zh. zav. i ped. i nauch. no. 2 67-79 '65.

Properties of the determinant of matrices commutable with similar integral matrices, and some of the applications. B. A. Zolotarev. Dokl. AN SSSR 161 no. 5 973-974 O '65.

MATSA LU GUIF—GRESE

Graylag in the Gulf of Matsalu. V. M. Paskalev. Ornitologiya no. 7 226-228 '65.

MAURITIUS—POLITICS AND GOVERNMENT

For immediate independence! I. Karatnev. Moshel i zhizn' 12 no. 11 114-115 N '65.

MAXILLARY SINUS—DISEASES

X-ray diagnosis of odontogenic cysts of the maxilla. A. A. Maron. Probl. chel.-lits. khim. no. 1 211-217 '65.

MAXILLARY SINUS—INFLAMMATION

Clinical characterization of odontogenic maxillitis. V. I. Shchegolevskii. Probl. chel.-lits. khim. no. 1 169-173 '65.

MAYFLIES see subdivision under Amur Valley

MAZUT

Burning of sulfur-bearing mazut with model air excess. M. E. Kharuzin, I. P. Lidakhi. Elektrol. 16 no. 10 20-24 O '65.

Operation of the mazut department of the Cherepovets Metallurgical Plant. N. A. Kuz'minov. Prom. stroit. 20 no. 10 14-15 O '65.

MEADOWS see Pastures and meadows

MEALYBUGS—EXTERMINATION

Effect of organophosphorus insecticides on the development of Comstock mealybug. L. M. Kozlov, V. V. Kordukov. Trudy VILR no. 20 pl. 141-144 '64.

MEASLES—COMPLICATIONS AND SEQUELAE

Course of acute appendicitis in measles. N. N. Vokh. Sov. med. 18 no. 3 126-127 Mr '65.

MEASURING INSTRUMENTS

Distortion of part profile in recording the amplitude of parts. A. N. Avdulov, V. I. Shanter. Izv. iiz. i iz. 36 no. 9 22-24 S '65.

Measuring device for variations of angular velocities. I. S. Shaparev. Trakt. i sel'khoz. mashin. no. 9 13-16 S '65.

Training in the use of a slide gauge. N. M. Bolotin. Shkola i prof. 9 no. 10 14-15 O '65.

MEASURING INSTRUMENTS—TESTING

Calculating periods for compulsory testing of measuring instruments. V. D. Kudrinskii. Izv. iiz. i iz. 36 no. 9 22-24 S '65.

Periodicity of official inspection of measuring equipment. I. M. Fedorov. Izv. tekhn. no. 9 53-54 S '65.

Statistical method for establishing intervals between tests. A. S. Neminovskii, V. V. Nikonov. Izv. tekhn. no. 9 40-51 S '65.

Testing a measuring device for strip elongation on a press mill. A. P. Vlasov. Sbornik NIPIA Zhukovskii. Uralskikh zavodov no. 7 121-126 '65.

MEASURING WORMS—EXTERMINATION see sub. division under Samy Province

MEAT

Meat and meat products in man's nutrition. V. I. Slapovskii. Zdrup. sel'khoz. prod. no. 6 63-64 My '65.

MEAT—MICROBIOLOGY

Media for the bacteriological study of meat for salmonella. R. S. Meier. Veterinaria 42 no. 10 81 O '65.

Traumatic intramuscular hemorrhages in carcasses. A. M. Golubov, V. I. Shirinova. Veterinaria 42 no. 10 88-89 O '65.

Use of the meat of animals with tuberculosis. I. A. Kondrat'ev. Veterinaria 42 no. 10 80-81 O '65.

MEAT—SPECIFICATIONS

Russia (1923- U.S.S.R.) Komitet standartov, mer
17merit'nykh pulkov. [Meat and meat products]
Miso i miasnyye konservy (GOST 697-55, 698-55,
779-55, 1214-55, 1822-55, 1935-55, 5284-55,
7596-55, 7597-55, 7597-55), Izd. ofitsial'noe. Moskva,
1955. 15 p. (SSSR, Gosudarstvennyye standarty)

MEAT—STANDARDS

[Meat and canned meat] Miso i miasnyye konservy. Izd.
ofitsial'noe. Moskva, Izd-vo Standartov, 1955. 442 p.
(SSSR, Gosudarstvennyye standarty)

MEAT, CANNED—STANDARDS

[Meat and canned meat] Miso i miasnyye konservy. Izd.
ofitsial'noe. Moskva, Izd-vo Standartov, 1955. 442 p.
(SSSR, Gosudarstvennyye standarty)

MEAT, FROZEN

Investigating meat freezing in half carcasses at low
temperatures and for cold convection heat exchange.
S. I. Nizov. Khim. tekhn., 12 no. 5:9-10 S-O '65

MEAT, FROZEN—PACKAGING

Weight losses in ready-to-cook frozen meat products
during storage. A. M. Danilov. Khim. tekhn., 12 no. 5:
4-6 S-O '65.

MEAT INDUSTRY

State deliveries of meat need improvement. I. Kotlukin.
Zakup. sel'khoz. prod., no. 5 4-5 My '65.

Zenenko, N. V., S. E. Krasnov, and B. I. Sterilgov.

[Economics of the meat and milk industries]
Ekonomika miasnoi i molochnoi promyshlennosti.
Pod red. N. V. Zenenko. Moskva, Pishchevaia
promyshlennost', 1961. 297 p.
(MIU)

MEAT INDUSTRY—EQUIPMENT AND SUPPLIES

Poleev, A. I., D. A. Rohov, and A. M. Brazhnikov. [Gas-
using equipment of meat industry enterprises] Gazo-
pionyl'zatsionnye oborudovaniya predpriyatiy miasnoi
promyshlennosti. Moskva, Pishchevaia promyshlennost',
1965. 195 p.

MEAT INSPECTION

(see also subdivision under Cherkassy Province;
Novosibirsk; Tula, White Russia)

Pay more attention to voluntary service at enterprises
of the meat industry. Veterinaria 42 no. 10:1-2 O
'65.

Produce high quality meat only. S. V. Vinogradov and
others. Veterinaria 42 no. 10:3-8 O '65.

Veterinary hygiene control of the meat industry in the
U.S.S.R. S. V. Vinogradov, V. D. Kolod'ko, Veteri-
naria 42 no. 10:85-88 O '65.

MEAT INSPECTION—PRODUCTION STANDARDS

Establishing work norms for sanitary control specialists.
V. G. Dedash. Veterinaria 42 no. 10:96-98 O '65.

MECHANICAL DRAWING—AUDIO-VISUAL AIDS

Visual aid for modelmaking in mechanical drawing
classes. I. A. V. Vladimirov. Shkola i prosv., 9 no. 8:
39-43 Ag '65.

MECHANICAL DRAWING—BIBLIOGRAPHY see Bib- liography—Mechanical drawing

MECHANICAL DRAWING—STANDARDS

Permitted deviations in standards should be regulated.
V. D. Oreshkin. Standartizatsiya 29 no. 8:60 '65.

Problems in the standardization of design documentation.
A. I. Dobrianskii. Standartizatsiya 29 no. 8:7-9 '65.
Requirements of mechanical drawings in connection with
the use of numerically controlled machine tools. V. V.
Chervinskii. Standartizatsiya 29 no. 8:9-13 '65.

MECHANICAL DRAWING—STUDY AND TEACHING

(see also subdivision under Oseola, North)

Educational significance of mechanical drawing. I. M.
Eldol's. Vech. sred. shkola 8 no. 5:81-83 S-O '65.

Improving vocational qualifications in mechanical
drawing classes. E. B. Zhupaklin. Vech. sred. shkola
8 no. 5:52-54 S-O '65.

Independent work in mechanical drawing classes. N. A.
Korotkov. Vech. sred. shkola 8 no. 5:51-52 S-O '65.

Let's improve the teaching of mechanical drawing.
D. N. Kamenkii. Vech. sred. shkola 8 no. 5:66 S-O
'65.

Let's teach them to read design data within the school
walls. M. D. Plintetskii, E. A. Korzhov. Sred. spets.
obr., 12 no. 9:12-13 S '65.

M. I. Kalinin on the graphic training of students. E. A.
Vasilenko. Shkola i prosv., 9 no. 8:37-38 Ag '65.

Marking dimensions on mechanical drawings. I. A.
Roitman. Vech. sred. shkola 8 no. 5:55-60 S-O '65.

Mechanical drawing classes. T. V. German. Shkola i
prosv., 9 no. 10:57-58 O '65.

Mechanical drawing Olympiad. P. F. Zhebrovskii.
Vech. sred. shkola 8 no. 5:53-55 S-O '65.

Methods of teaching mechanical drawing. B. M. Gutman.
Vech. sred. shkola 8 no. 5:49-50 S-O '65.

Problems of mechanical drawing classes. N. I. Tka-
chenko. Vech. sred. shkola 8 no. 5:48-49 S-O '65.

Teaching to read mechanical drawings according to
assignment cards. O. V. Khutinskaya. Shkola i prosv.,
9 no. 10:59-61 O '65.

MECHANICAL ENGINEERING—STUDY AND TEACHING

Important means of improving student training. K. K.
Korchinskii, A. M. Dobyshchev. Shkola i prosv., 9 no. 8:
72-74 Ag '65.

Students get acquainted with motors. A. I. Sozinov.
Shkola i prosv., 9 no. 8:62-61 Ag '65.

MECHANICAL MOVEMENTS

Finding an asymptotically stable limiting pattern of
motion of a machine aggregate. V. S. Loshchinn.
Uch. zap. Bal. gos. ped. inst., 10:5-10 '63.

MECHANICAL MOVEMENTS—GRAPHIC METHODS

Plotting Barometer's curves and points according to a
given motion of Bol'shaia point. L. N. Borisenko. Prikl.
mekh., 1 no. 8:119-123 '65.

MECHANICAL WEAR

Effect of pulsating hydraulic pressure on the wear of
bearing materials. A. I. Tarasov. Trudy Novosib.
sk. khim. inst., 24 no. 2:21-26 '64.

Fractional contact fatigue of high-elasticity materials.
I. V. Kragelskii and others. Kauch. i rez., 21 no. 9:30-
34 '65.

Kostelskii, B. I., and I. G. Nosovskii. [Wear resistance
and anti-friction properties of machine parts] Truzo-
stokost' i antifrictionnost' detalei mashin. Kiev,
Tekhnika, 1965. 205 p.

Temperature dependence of the specific wear of rubber
gliding on metals. I. V. Kragelskii, S. L. Rybalov.
Dokl. AN SSSR 164 no. 5:1035-1038 O '65.

Unequal wear of nonmetallic friction specimens. V. B.
Tyukomov. Izv. vuzovsk. zav. mashinost., no. 8:
83-86 '65.

Wear resistance of saws with bits. K. A. Lehtikangas,
L. S. Smorgon. Trudy VSNPI Leningrad, no. 10:27-32
'64.

MECHANICAL WEAR—TESTING

Using transparent specimens in studying the process of
abrasive wear. A. F. Karamonov, I. A. Polupenko.
Vest. mashinost., 45 no. 7:16-48 J1 '63.

MECHANICS

Kosmodonovskii, A. A. [Course in theoretical
mechanics] Kurs teoreticheskoi mekhaniki. Izd. 3,
perer., 1 dop. Moskva, Prosveshchenie.
Pt. 1. 1965. 537 p.

Stral'kov, S. P. [Mechanics] Mekhanika. Izd. 2, perer.
Moskva, Nauka, 1965. 526 p. (Obshchii kurs fiziki)

MECHANICS—ABSTRACTS

[Mechanics] Ref. zhur.: Mekh., nos. 10-11 O-N '65.

MECHANICS, APPLIED

Application of the method of a variable time scale to the
solution of problems concerning the dynamic action of
a shifting load on a structure. N. G. Bondan', R. N.
Donschenko. Izv. po teorii sooruzh., no. 14:73-91 '65.

Calculating flexible beams with simultaneous action
of vertical and horizontal loads. V. A. Smol'nov. Izv. po
teorii sooruzh., no. 14:259-266 '65.

Calculating rod lattice systems of flooring supported by
rectangular contours. A. S. Kalmanov. Izv. po teorii
sooruzh., no. 14:215-222 '65.

Calculating three-dimensional sectional and solid thin-
walled box-shaped elements. B. P. Vol'fon. Izv. po
teorii sooruzh., no. 14:185-207 '65.

Determining the pressure on elements of large-panel
buildings caused by uneven settling of the foundation bed.
V. I. Lishak. Osn., fund., i mekh. gran. 7 no. 5:23-25 '65.

Fields of practicable stresses on statically indeterminate
members under random loads. T. I. Slonimskii. Izv. po
teorii sooruzh., no. 14:155-168 '65.

General variation principle in the mechanics of continu-
um and its application. M. I. Reisman. Stroimekh.,
1 rasch. soor. 7 no. 5:9-12 '65.

Inverse matrices in three-member systems of equations.
K. Boladzhiev. Izv. po teorii sooruzh., no. 14:253-258
'65.

Problems of structural mechanics in connection with the
use of plastics in construction. A. B. Gubenko, V. N.
Nasonov. Stroimekh., 1 rasch. soor. 7 no. 5:1-4 '65.

Study of the function of costs in the design of optimum
systems. A. I. Vinogradov. Izv. po teorii sooruzh.,
no. 14:143-154 '65.

Use of the shifting method in calculating frames with
ponderable elements each supporting two concentrated
masses under a vibrating load. I. V. Kiseleva. Izv. po
teorii sooruzh., no. 14:123-130 '65.

MECHANICS, CELESTIAL

Approximating technique for solving extremum problems.
S. N. Kirpichnikov. Vest. LGU 20 no. 19:143-146 '65.

Possibly exact transfer in the field of central force.
V. S. Novoselov. Uch. zap. LGU no. 326:150-159 '65.
Solution of regularized equations in perturbation theory.
M. S. Novikov. Difer. urav., 1 no. 8:1201-1230
S '65.

Trajectory of a point of variable mass in the central
field. V. S. Novoselov. Vest. LGU 20 no. 19:117-156
'65.

MECHANISMS

Designing a seven-bar lever mechanism with a circular
discontinuous motion of the follower having a given
deviation of the angular deviation during its function
period. I. I. Shcherba. Izv. vuzovsk. zav. mashinost.,
no. 8:10-13 '65.

Time-metric design of planetary transmissions with
flexible links. I. B. Gubonov. Pribl. konstr. mekh.,
no. 9:6-5 '63.

Orthogonal projections in the kinematic study of three-
dimensional mechanisms. V. I. Udimov. Trudy
Ulian'sk. khim. inst., 10 no. 2:137-118 '61.

MECHANISMS—DYNAMICS

Analyzing the dynamics of the claw mechanism of
231 T. K. film printing apparatus. D. I. Kunigshberg.
Trudy IKhI, no. 19:63-69 '61.

MEDIASTINUM—CANCER

Thromboembolism of the posterior mediastinum. A. K.
Lukashin. Nauch. trudy Riaz. med. inst., 11:35-38 '60.

MEDIASTINUM—SURGERY

Angiography in preoperative diagnosis of media-
stinal tumors. I. A. S. Ozeritskii. Zhurn. eksp. i klin. med.
2 no. 5:15-53 '62.

MEDIASTINUM—TUMORS

Angiography in preoperative diagnosis of media-
stinal tumors. I. A. S. Ozeritskii. Zhurn. eksp. i klin. med.
2 no. 5:15-53 '62.

Sympathetic gangliorelaxation of the posterior medi-
astinum. M. V. Kuznetsovskii. Nauch. trudy Riaz. med.
inst., 11:36-42 '60.

MEDICAL AND PHARMACEUTICAL CHEMISTRY see Chemistry, Medical and pharmaceutical

MEDICAL ASSISTANCE, RUSSIAN see subdivision under Algeria

MEDICAL BOTANY see Botany, Medical

MEDICAL CLIMATOLOGY see Climatology, Medical

MEDICAL COLLEGES see subdivision under Gorky

MEDICAL GEOGRAPHY—ABSTRACTS

[Medical geography] Ref. zhur.: Med. geog., nos. 10-11
O-N '65. Predmetnyi i geograficheski ukazateli za
1961 g.

MEDICAL GEOGRAPHY—CONGRESSES

Paths of further development of medical geography.
Scientific results of the 23rd International Geographical
Congress. J. I. Ivanov. Dokl. Inst. geogr. nauk. 11:133.
Vost. no. 7:79-81 '61.

MEDICAL GYMNASTICS see Exercise therapy

MEDICAL INSTRUMENTS AND APPARATUS

Polyethylene catheters for prolonged transfusions in
hospitals. I. K. Smirnov, S. N. Gopinov. Klin. khir.,
no. 2:78-77 '65.

Portable rotometer. P. I. Gerasimov. Ortop., travm i
protop., 26 no. 5:79-81 My '65.

MEDICAL JOURNALISM see Journalism, Medical

MEDICAL JURISPRUDENCE

Takho-Godi, Kh. M. [Manual on the fundamentals of
scientific photography in forensic medicine] Posobie
po osnovam nauchnoi fotografii v sudenoi meditsine.
Moskva, Meditsina, 1965. 188 p.

MEDICAL LABORATORIES

(see also subdivision under Kallin Province)

Results of the organization of a biochemical service in
a polyclinic. R. S. Gol'dfild. Lab. delo no. 10:631-632
'65.

MEDICAL MICROBIOLOGY—TECHNIQUE

Comparison of the results of standard and quantitative
microbiological research methods in dysentery and the
evaluation of possibilities of bacteriological diagnosis
of dysentery in relation to the concentration of patho-
gens in the material under research. T. A. Avdeeva,
M. A. Repaport, R. T. Munits. Trudy Len. inst. epid. i
mikrobiol., 24:111-145 '63.

Data on the biology and classification of dysentery bac-
illi. Report No. 11: Analysis of cultures of Flexner's
bacillus type A and their comparison with standard
cultures of Flexner's bacillus type B4 of foreign col-
lections. L. D. Grinberg. Trudy Len. inst. epid. i
mikrobiol., no. 24:210-217 '63.

MEDICAL MICROBIOLOGY—TECHNIQUE (Continued)

- Data on the biology and classification of dysentery bacilli. Report No. 3. Analysis of cultures of Flexner's bacillus type BC and their comparison with cultures of Flexner's type C and B. L. D. Grinberg. Trudy Len. inst. epid. i mikrobiol. 24:218-227 '63.
- Data on the biology and classification of dysentery bacilli. Report No. 3. Analysis of cultures of Flexner's bacillus type B. L. D. Grinberg. Trudy Len. inst. epid. i mikrobiol. 24:228-241 '63.
- Data on the biology and classification of dysentery bacilli. Report No. 4. Analysis of the group components of Flexner's bacilli. L. D. Grinberg. Trudy Len. inst. epid. i mikrobiol. 24:242-251 '63.
- Data on the biology and classification of dysentery bacilli. Report No. 6. Enzymatic types of Shigella flexneriae. L. D. Grinberg. Trudy Len. inst. epid. i mikrobiol. 24:259-265 '63.
- New trends in the study of the biology of dysentery bacilli, a review of the literature. L. D. Grinberg. Trudy Len. inst. epid. i mikrobiol. 24:274-294 '63.

MEDICAL SCREENING

- Cytologic studies in the diagnosis of cancer of the cervix during preventive mass screenings. R. P. Ugumova. Akush. i gyn. no. 2:99-101 '65.

MEDICAL STATISTICS

- Statistical data on the problem of symptomatic renal (urological) hypertension. A. N. Chigirinskii. Kardiol. i nefrol. no. 3:34-36 '65.

MEDICAL TESTS

- Early diagnosis of pregnancy using the passive hemagglutination method. D. Vallo, I. Szasz, I. Percedi. Akush. i gyn. no. 1:24-28 '65.
- Intracutaneous test using trypan blue in homoplasty of lyophilized bone in defects of the mandible. N. S. Gureva. Probl. chel.-lits khir. no. 1:57-60 '65.

MEDICINE

- Achievements and problems of modern space cardiology. V. V. Parin, R. M. Baevskii, O. G. Gazonko. Kardiol. i nefrol. no. 3:3-11 '65.
- Brief news. Sov. med. 28 no. 3:142-146 Mar '65.

MEDICINE—ABSTRACTS

- [Medical abstracts] Med. inf. zhur. sect. 1 vol. 9 no. 9 S '65 Sect 2 vol. 9 no. 9 S '65 Sect 3 vol. 9 no. 10 O '65 Sect 6 vol. 9 no. 9 S '65 Sect 7 vol. 9 no. 9 S '65 Sect 8 vol. 9 no. 9 S '65 Sect 9 vol. 9 no. 9 S '65 Sect 10 vol. 9 no. 9 S '65 Sect 11 vol. 9 no. 10 O '65 Sect 13, vol. 9 no. 10 O '65.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—DICTIONARIES

- [Large medical encyclopedias, indexes to the second edition] Bol'shaya meditsinskaya entsiklopediia, ukazatel' ko vtoromu izdaniiu. Glav. red. A. N. Bakulev. Moskva, Sovetskaya entsiklopediia.
- Vol. 2, [Subject and author indexes] Tematicheskii i imennoi ukazatel'. 1965. 451 p.

MEDICINE—HANDBOOKS, MANUALS, ETC.

- Shabanov, A. N., ed. [Medical manual for fieldshers] Meditsinskii spravochnik dlia fel'dsherov. Izd. 11. Moskva, Meditsina, 1965. 693 p. (DNLM)

MEDICINE—PHILOSOPHY

- Kiev. Meditsynskii institut. [Philosophical problems in medicine and biology] Filosofskie voprosy meditsiny i biologii. Kiev, Zdorov'ia, 1965. 255 p.

MEDICINE—STUDY AND TEACHING

- Fifth anniversary of the specialization institute. I. Timoskov, V. Monakhov. Sots. obesp. 25 no. 10:32-33 Oct '65.

MEDICINE, INDUSTRIAL see Subdivision under

Ivanovo Province

MEDICINE, INTERNAL

- Gubergrits, A. Ia., and Ia. S. Tsimmerman. [Therapeutic nutrition in internal diseases, a brief manual for doctors and students] Lechebnoe planie pri vnutren-niakh, kratkoe posobie dlia vrachei i Zdorov'ia, 1965. 69 p.

ent. T. Ar'ev. Voenn. znan. 41

and increase the combat readiness J. D. Kuvshinskii. Voenn.-med.

erning the organization of military Red Army (1918-1920). M. B. i no. 3:154-158 Mar '65.

na. O. A. Kravchenko, V. I. Shonin. 1:77-79 '65.

rol panel on the functional state system in naval specialists. G. I. -med. zhur. no. 1:72-78 '65.

MEDICINE, RURAL

- Obstetrical service in zemstvo governments, on the centenary of zemstvo medicine. V. C. Buzarev. Akush. i gyn. no. 1:152-154 '65.

MEDICINE, RURAL—BIBLIOGRAPHY see Bibliography—Medicine, Rural

MEDICINE IN SPORTS see Sports medicine

MEDIEVAL GEOGRAPHY see Geography, Medieval

MEDITERRANEAN FRUIT FLY—EXTERMINATION

- Trap for the Mediterranean fruit fly. O. Nabev. Zashch. rast. ot vreditel'noi no. 1:18 '65.

MEDNOGORSK (ORENBURG PROVINCE)—COPPER—METALLURGY

- Flotation recovery of copper from converter slags at the Mednogorsk plant. N. I. Koryshina, M. A. Rukin, I. V. Stroltseva. TSvet. met. 38 no. 6:42-43 Jun '65.

MEDULLA OBLONGATA

- Changes in the blood circulation in the extremities and intestine following stimulation of the pressor and depressor regions of the medulla oblongata in cats. A. V. Potehnia, M. G. Udel'nov. Nauch. dokl. vuz. shkoly. biol. nauki no. 4:56-59 '65.

MEL'NIKOVA, GRIGORI FILIPPOVICH

- A social worker came to the school. P. Ploshkov. Voenn. znan. 11 no. 10:34 Oct '65.

MELONS

- Preparation of vine crop seeds for sowing. T. G. Luk. Trudy Resp. opyt. sta. kark. i ovoshch. khoz. 2:221-225 '60.

MEMBRANES (BIOLOGY)

- Composition of bacterial cell membranes and the effect of penicillin. L. I. Torbochikina. Antibiotiki no. 3:272-283 '65.

MEMBRANES (CHEMISTRY)

- Electrochemical properties of membranes from anion exchangers with different ionogenic group structure. Part I: Nonelectrochemical absorption of electrolytes by membranes. E. A. Materova, T. I. Rozhanskaja, Z. M. Sitova. Elektrokhimia 1 no. 7:794-799 Jul '65.

MEMBRANES (CHEMISTRY)—TESTING

- Computation and construction of safety membranes. V. P. Fedotov. Bezop. truda v prom. 9 no. 8:43-46 Aug '65.

MEMBRANES (TECHNOLOGY)

- Stressed state of an annular membrane under heavy deformation conditions. I. S. Mamedov. Inzh. zhur. 5 no. 5:927-935 '65.

MEMBRANES (TECHNOLOGY)—VIBRATION

- Natural vibrations of elliptical plates and membranes. V. S. Gontkevich. Prikl. mekh. 1 no. 9:115-118 '65.

MENDEL, GREGOR, 1822-1884

- Centennial of the discovery of hereditary laws by G. Mendel. N. P. Dubinin. Biofizika 10 no. 5:721-722 '65.
- Gregor Mendel and the laws of heredity. A. R. Zhebnik. Genetika no. 1:6-12 '65.

- History of Mendel's archives in the old Bino. M. Sosna. Priroda 54 no. 10:116-117 '65.

- Johann Gregor Mendel; on the 100th anniversary of his discovery of the laws of heredity. V. O. Panin. Ukr. bot. zhur. 22 no. 5:97-100 '65.

- Johann Gregor Mendel. S. I. Alkhankhan. Mikrobiologiya 34 no. 4:733-739 Apr '65.

- Plans for the commemoration of G. Mendel. Genetika no. 1:203 '65.

- Solemn meeting, dedicated to the centennial of Gregor Mendel's discovery, held in Moscow on June 25, 1965. V. K. Shcherbakov. Genetika no. 2:179-180 Aug '65.

MENDELEEV, DMITRII IVANOVICH, 1834-1907

- Nature of "inert" gases. S. V. Al'tshuler. Priroda 54 no. 2:102-103 Feb '65.

- Scientist and encyclopedist; cherished thoughts of D. I. Mendeleev. A student of the Arctic. A. F. Laktionov. Priroda 54 no. 2:100-101 Feb '65.

MENDEL'S LAW

- To what extent can Mendel's laws be universally applied to segregation in hybrids. N. I. Vavilov. Genetika no. 1:13-19 '65.

MENINGIOMA

- Mechanism of some secondary symptoms in meningiomas of the olfactory fossa. D. V. Kulikov, V. F. Tushkevskii. Vop. neirokhir. no. 1:21-24 '65.

MENINGITIS

- Study of the permeability of the hematoencephalic barrier in meningitis and encephalitis using the radioactive indication method; preliminary report. E. N. Leksel. Trudy Vor. med. inst. 51:117-124 '63.

MENOPAUSE

- Effect of antihypertensive hormone and chorionic gonadotropin on the estrogen excretion in women during the initial stage of menopause. O. N. Savchenko. Akush. i gyn. no. 1:86-91 '65.

MENSURATION

- Using the probability method in evaluating measurement errors considering the distribution of the measured magnitudes. V. I. Subolev. Izv. tekhn. no. 4:1-4 '65.

MENSURATION—ABSTRACTS

- [Mensuration and measurement techniques] Ref. zhur. i Met. izm. tekhn. nos. 10-11 Oct-Nov '65. Predchisl. ukazatel' za 1964 g.

MENTAL DEPRESSION see Depression, Mental

MENTAL ILLNESS

- Possibility of detecting cerebral antigens in the blood of neuropsychic patients. V. S. Glebov. Zhur. nevroi. psikh. 65 no. 10:1517-1523 '65.

MENTAL ILLNESS—BIBLIOGRAPHY see Bibliography—Mental Illness

MENTAL ILLNESS—PREVENTION

- Methodological principles in the prevention of neuro-psychic diseases. N. N. Timofeev. Voenn.-med. zhur. no. 1:23-26 '65.

MENTALLY ILL CHILDREN

- Materials of examinations for toxoplasmosis in children with oligophrenia. I. A. Markova, V. V. Nedyalinskii, L. A. Slutskaya. Trudy Vor. med. inst. 51:111-116 '63.

MENTHADICINE

- Industrial method for the synthesis of para-mentha-1,8-dienol. S. D. Kustova, N. N. Titova, I. G. Dnestrenskaya. Molekul. biol. 31 no. 7:45 Jul '65.

MENTHOL

- Thermonephelometric method for quantitative determination of valloid and menthol in tablets. B. V. Anshchenko. Farmats. zhur. 20 no. 1:42-45 '65.

MERCANTILE BUILDINGS

- Complexes of industrial and trade enterprises. A. Gimmel'man. Sov. ing. 30 no. 10:15-18 Oct '65.

MERCANTILE BUILDINGS—DESIGN AND CONSTRUCTION

- Role of credit in construction. B. Ginzburg. Sov. ing. 30 no. 10:18-19 Oct '65.

MERCAPTO GROUP

- Content and distribution of sulfhydryl and α -acylamino carboxyl groups in regenerating structures under the influence of hormones. A. I. Lukhonova. Dokl. AN SSSR 164 no. 4:945-948 Oct '65.

- Effect of acute alcoholic intoxication on the protein-sulfhydryl group content and distribution in the liver of rats. I. K. Ilyashkii. Arkh. pat. 27 no. 8:76-81 '65.

- Effect of antineoplastic immune serum on the content of sulfhydryl groups in tumoral tissues. I. A. Gerasimov, G. I. Kulik, M. I. Bekasovskaya. Biokh. opyt. biol. 60 no. 9:91-94 Sep '65.

MERCAPTOPHOS

- Adjustment of apider mites to mercaptophos in a cotton field. M. A. Ivanova, V. G. Krasnikov. Trudy VUZ. no. 1:13-17 '64.

- Effect of incomplete poisoning by mercaptophos on the survival and fertility of apider mites. M. N. Gubareva. Trudy VUZ. no. 20 pt. 1:10-20 '64.

- Effect of vegetable toxins on the fecundity of cotton and cottonworm moths. V. I. Derzhabin. Uzb. biol. zhur. 9 no. 5:172-73 '65.

MERCERIZATION

- Mercerization of undried pulp. I. V. Shishkova, I. G. Stromukhin, S. A. Netchayev. Dum. prom. no. 7:9-10 Jul '65.

MERCHANT SEAMEN—EDUCATION see Subdivision under Vladivostok

MERCURY—ANALYSIS

- Automated method of express determination of mercury in powdered samples. I. U. N. Kuznetsov, I. P. Chudakov. Zav. lab. 31 no. 9:1005-1007 '65.

MERCURY (PLANET)—ATMOSPHERE

- Supplement to the article of V. I. Moroz "Carbon dioxide in the atmosphere of Mercury." Astron. telet. no. 271 4 D '63.

MERCURY ACETATES

- Using the mercury-acetate method for determining the general unsaturation of butyl rubber. A. P. Krasikov, L. N. Balintinskaya. Kauch. i ber. 21 no. 10:65-66 '65.

MERCURY-ARC RECTIFIERS

Phase of the origin of inverse firing in high-voltage ionic rectifiers. S. M. Shota. *Elektricheskaya* 36 no. 10:30-32 O '65

MERCURY-ARC RECTIFIERS—QUALITY CONTROL

Distribution of the electrical strength of the discharge gaps of mercury rectifiers. A. A. Pater. *Elektricheskaya* no. 10:76-79 O '65

MERCURY CHLORIDES—TOXICOLOGY

Remedialysis in the treatment of acute renal failure in a 3-year-old child poisoned by mercuric chloride. I. N. Kuchinskii. *Urologiya* 29 no. 3:58-59 My-Je '64

MERCURY COMPOUNDS

Direct microdetermination of oxygen in mercury-containing compounds. A. I. Lebedeva, N. A. Nikolaeva. *Izv. AN SSSR, Ser. Khim.* no. 10:1867-1868 '65

MERCURY IODIDE CRYSTALS—PHOTOELECTRIC PROPERTIES

Photoconduction of HgI_2 single crystals under high hydrostatic pressure. K. Guliamov and others. *Fiz. tverd. tela* 7 no. 9:2722-2725 S '65

MERCURY ISOTOPES

Scanning of the kidneys with Hg^{203} . Labelled neohydrine, an experimental study. A. N. Roginskii, N. N. Khodakov, A. A. Kravtsov. *Med. rad.* 10 no. 9:47-50 S '65

MERCURY ORES see subdivision under Maritime Territory

MERCURY-TIN ALLOYS see Tin-mercury alloys

MERINO SHEEP

(see also subdivision under Kazakhstan)

Characteristics of microstructure of the spinal cord in the Kazakh Argali Merino sheep as compared with parent forms. Zh. Sadykov. *Trudy Inst. eksp. biol. AN Kazakh SSR* 11:178-171 '65

Growth and development of the skeleton in the Kazakh Argali Merino lambs. V. F. Matvienko. *Trudy Inst. eksp. biol. AN Kazakh SSR* 11:180-180 '65

Kazakh Argali Merino sheep and the possibilities for the further improvement of the breed. A. I. Isenzbulov, A. I. Zhanderkhin, O. A. Prokudin. *Trudy Inst. eksp. biol. AN Kazakh SSR* 11:135-151 '65

Some data on the upgrading of Argali Merino ewes with the Stavropol strain rams. D. Zhangalin, A. Isenzbulov. *Trudy Inst. eksp. biol. AN Kazakh SSR* 11:210-225 '65

MERISTOTROPIC ACID—PHYSIOLOGICAL EFFECT

Some glycocholic acidlike properties of echinatic, meristotropic and macedonic acids. F. I. Sirlachenko, V. E. Ryzhenkov. *Russ. res.* 1 no. 3:378 '65

MERSALYL

Treatment of pulmonary and cardiac insufficiency. TS. Z. Stopanova. *Sbor. nauch. trud. Tashkent* 22:3-8 '62

MESITYLENE

Production of the mesitylene fraction. S. A. Red'kin, M. K. Roiter. *Koks i khim.* no. 9:38-39 '65

MESOCARINE

Trimecaine (mesocaine) in maxillofacial surgery. S. I. Bukh-Chelikh. *Probl. khim. i fiz. khim.* no. 1:7-10 '65

MESONS

Calculating the neutron production by μ -mesons for various depths in the soil. G. P. Zaitsepin, O. G. Rinzhalak. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1046-1048 O '65

Electromagnetic properties of mesons in SU (6) symmetry. M. P. Rekalo. *Pis'ma v red. Zhur. eksp. i teoret. fiz.* 1 no. 3:31-35 My '65

Generation of air showers by π -mesons and protons with momenta of 0.1 to 20 BeV/c in thin plates of a substance. A. V. Khramov and others. *Izv. AN SSSR, Ser. fiz.* 20 no. 10:1056-1061 O '65

MESONS—DECAY

Angular asymmetry of μ -decay and neutral weak current (G_{μ}). II V. Shishkin. *Dokl. AN SSSR* 0 no. 8:514-515 Ag '65

Electromagnetic decay of mesons in models of quarks. I. A. I. Adzhimov and others. *Pis'ma v red. Zhur. eksp. i teoret. fiz.* 1 no. 2:58-59 Ap '65

Nonconservation of the time parity in strong interactions. G. A. Lobov. *Pis'ma v red. Zhur. eksp. i teoret. fiz.* 1 no. 8:7-11 Je '65

The "shadow universe" and the neutrino experience. L. B. Okun', I. A. Pomeranchuk. *Pis'ma v red. Zhur. eksp. i teoret. fiz.* 1 no. 6:28-33 Je '65

METABOLISM

Chemical thermoregulation in small insectivores (insectivores, Mammalia). N. V. Boshennina. *Nauch. dokl. vys. shkoly; biol. nauk* no. 4:43-47 '65

Effect of pangamic acid, methionine, and a mixture of gluconate and glycine on the metabolism in a heart muscle and the electrocardiography of muscular activity. N. N. Iakovlev, N. I. Vol'nov, L. G. Leshkevich. *Ukr. biokhim. zhur.* 37 no. 5:818-835 '65

Effect of phosphorus on the development and metabolism of *Actinomyces fradiae*. A. N. Meshkov, O. Z. Grabovskaya, M. M. Levitov. *Mikrobiologiya* 31 no. 4:611-616 Ji-Jg '65

Metabolism in ewes in the various categories of multiparous pregnancy. A. Sh. M. Amambayev. *Trudy Inst. eksp. biol. AN Kazakh SSR* 11:194-203 '65

Tricarboxylic acid cycle in the somatic muscle mitochondria of cold-blooded vertebrates. M. V. Savina. *Zhur. evol. biokhim. i fiziol.* 1 no. 5:101-112 S-O '65

METABOLISM, DISORDERS OF

Role of some endocrine and metabolic disorders in the pathogenesis and treatment of lupus erythematosus. O. M. Filogova and others. *Vest. dermat. i ven.* no. 2:11-16 '65

Some indices of metabolism and reactivity of the organism in extensive pulmonary tuberculosis. R. M. Razbofnakaya and others. *Klin. khir.* no. 3:47-53 '65

METAL BONDING

Effect of surface conditions on the sintering process during cladding. G. S. Sakharov, V. F. Manulov, V. P. Balakin. *Trudy MATI* no. 62:157-159 '65

Investigating the sintering of the material SAP [sintered aluminum powder]. G. S. Sakharov, V. F. Manulov, A. M. Galkin. *Trudy MATI* no. 62:38-47 '65

Sintering of structural elements. G. S. Sakharov, A. I. Kolpashnikov, V. F. Manulov. *Trudy MATI* no. 62:48-58 '65

METAL CASTINGS—CLEANING

Raising the efficiency of fettling operations. V. F. Gorbunov and others. *Lit. proizv.* no. 9:13-15 S '64

METAL CLADDING

Effect of surface conditions on the sintering process during cladding. G. S. Sakharov, V. F. Manulov, V. P. Balakin. *Trudy MATI* no. 62:157-159 '65

Metal coatings for heat insulation. A. P. Plov. *Stroi i arkh.* Uzb. 6 no. 3:18-19 Mr '65

METAL CLEANING—SAFETY MEASURES

Sharyaskii, N. P. [Safety manual on the cleaning and securing of equipment and piping] *Pamiatka po tekhnike bezopasnosti pri oshchishchenii i obozhratovani oborudovaniia i truboprovodov*. Moscow, Stroizdat, 1965, 20 p. (Tekhnika bezopasnosti v stroitel'stve)

METAL CLOTH

Use of metalized fabrics in clothing for the reflection of heat emission by the human body. V. P. Razinov. *Svein. prom.* no. 5:11-18 S-O '65

METAL CRYSTALS—DEFECTS

Role of second-order distortions in compaction processes during pressing and recrystallization in the sintering of high-melting metals. F. N. Alekseeva and others. *Porosh. met.* 4 no. 5:1-8 S-O '64

METAL CRYSTALS—TESTING

The problem of metal single crystals. P. M. Savitskii. *Izv. AN SSSR, Met.* no. 5:83-105 S-O '65

METAL CUTTING

Acherkan, N. S., and others. [Metal cutting machines] *Metallorazhivshchie stanki*. Moscow, Mashinostroenie. Vol. 1. Acherkan, N. S., ed. 2, perer. izd. 1965, 761 p.

Effect of adjustment errors on the precision of initial dimensions in machining combined surfaces. B. D. Tolpegin. *Trudy KAI* no. 34:99-110 '64

Effect of physical parameters of metal cutting on the wear of cutting tools. M. R. Rikim. *Trudy KAI* no. 34:33-35 '64

Errors of correlations of technological starting points and their effect on the precision of machining. B. D. Tolpegin. *Trudy KAI* no. 34:95-98 '64

Investigating causes for the presence of stability peaks in the cutting speed-cutting tool stability relation. G. I. Akhmetov, E. A. Umarov, F. I. Akubov. *Izv. AN Uz. SSR, Ser. tekhn. nauk* 9 no. 4:37-43 '65

Methods of finish machining of metals. I. G. Shmel'der. *Mashinostroitel'* no. 10:26-27 O '65

State of and prospects for the use of electrophysical methods in working metals. A. S. Davydov, M. N. Ullitin. *Trakht. i sel'khoz. mash.* no. 9:46-47 S '65

METAL CUTTING—PRODUCTION STANDARDS

Muraviev, V. S., and A. I. Guldengorn. [Establishment of consolidated norms for machining under piece and small series production conditions] *Ukrupnennoe normirovanie stanchaykh rabot v usloviyakh edinchnogo i melkoseriynogo proizvodstva*. Moscow, Mashinostroenie, 1965, 81 p.

METAL CUTTING—STUDY AND TEACHING

Instruction on the production training of turners. V. Stepinin. *Prof. tekhn. obr.* 22 no. 10:32-33 O '65

METAL CUTTING, ELECTRIC see Electric metal cutting

METAL-CUTTING TOOLS

Ayakov, A. A. [Nonresharpenable cutting tools] *Nepretschivayemye reziy*. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1965, 52 p.

Chichevskiy, S. S. [Metal-cutting tools their design and manufacture] *Metallorazhivshchie instrumenty, proektirovanie i proizvodstvo*. Izd. 5, perer. i dop. Moskva, Vysshaya shkola, 1965, 730 p.

Disc arasers. N. M. Mitrofanov. *Shkola i proizv.* 9 no. 10:68-71 O '65

Improving the brace during its repair. N. I. Asanov. *Shkola i proizv.* 9 no. 10:73 O '65

Manufacture of cutting tools in a specialized shop. V. P. Tikhchenko. *Vest. mashinost.* 45 no. 7:70-81 Ji '65

Shugai, B. E., and V. M. Samoilov. [Handbook on the use of cutting, percussion, upsetting and mechanized tools] *Spravochnik po ekspluatatsii rezhushego, udarnogo, vyssadnogo i mekhanizirovannogo instrumenta*. Moskva, Mashinostroyeniye, 1965, 343 p.

METAL-CUTTING TOOLS—STANDARDS

Lathe tools with hard-alloy bits (metric series). *Standartizatsiya* 29 no. 8:47 '65

METAL DRAWING see Drawing (Metalwork)

METAL IONS

Entropy changes during hydration of monatomic ions. G. A. Kriesov. *Teoret. i eksper. khim.* 1 no. 4:179-187 '65

METAL POWDER PRODUCTS

Extrusion of nickel rods hardened by dispersed oxide inclusions. G. M. Karpman, I. V. Managin. *Sbor. trud. TSNICHIM* no. 43:131-134 '65

Sintering of structural elements. G. S. Sakharov, A. I. Kolpashnikov, V. F. Manulov. *Trudy MATI* no. 62:48-58 '65

METAL POWDER PRODUCTS—TESTING

Comparative testing of ceramic metal piston rings on tractor engines. I. M. Fedorchenko and others. *Porosh. met.* 4 no. 5:82-87 S-O '65

Investigating the fatigue resistance of the material SAP-1 [sintered aluminum powder]. E. V. Glafintsev, M. N. Stepanov. *Trudy MATI* no. 62:57-68 '65

Testing sintered molybdenum for hot torsion. L. A. Seleznev, A. V. Savin. *Sbor. trud. TSNICHIM* no. 43:161-168 '65

METAL POWDERS

Approximate calculation of the interaction of interstitial impurities with alloying elements during the sintering of molybdenum. V. P. Gol'tsev, Z. I. Dzeladze. *Sbor. trud. TSNICHIM* no. 43:145-150 '65

Dispersity of chemically reduced powdered metals depending on the potential of the reducing agent. A. V. Ponomarev, N. L. Kotovskaya. *Elektricheskaya* 1 no. 9:1103-1109 S '65

METAL POWDERS—TESTING

Obtaining and evaluating the granularity of coarse-grained target powders. L. I. Klyachko, M. P. Semenova, N. K. Besolova. *Porosh. met.* 4 no. 5:77-80 S-O '64

METAL SPRAYING

Ceramic metal materials. *Trudy Giprotavtomaticheskoy* no. 28:173-187 '65

Krichelskii, V. D. [Metal coating and repair work] *Metallizatsiya i remontnye raboty*. Tallinn, Gos. kom. i Soveta Ministrov Estonskoi SSR po koordinatsii nauchnoissl. rabot, 1964, 74 p.

METAL TATION

Reducing metalalides of carbonyl compounds. Part 3: Interaction of dimetallic benzophenone derivatives with acid nitrides. D. V. Ioffe. *Zhur. ob. khim.* 35 no. 10:1851-1855 O '65

METALLIC ORGANIC COMPOUNDS see Organometallic compounds

METALLIC OXIDES

Factors determining the type of constitutional diagram for binary systems formed by refractory oxides. S. G. Tresvialskii, L. M. Lopato. *Porosh. met.* 4 no. 5:35-40 S-O '64

Phase relations in the system BaO-CoO-FeO₃. M. A. Vinnik. *Zhur. neorg. khim.* 10 no. 9:2137-2144 S '65

Study of the suspension effect. I. M. Chernobershiiskii and others. *Koll. zhur.* 27 no. 5:780-783 S-O '65

Study of the system Ni₂O₃-ZrO₂. Regions rich in zirconium dioxide. I. A. Davlin, V. B. Glushkova, E. K. Kefer. *Izv. AN SSSR, Neorg. mat.* 1 no. 5:743-750 My '65

METALLOGRAPHY—STUDY AND TEACHING

Seminar on the crystal chemistry of elements and compounds. L. N. Bazhenova. *Porosh. met.* 4 no. 5:104-105 S-O '61

METALLURGICAL CHEMISTRY see Chemistry, Metallurgy

METALLURGICAL ANALYSIS

Determination of aluminum in silicates and carbonates, and in iron, titanomagnetite, and manganese ores. I. D. Dolobradskii and others. Trudy KIMS no. 5 81-91 '63.
Faster methods of determining barium in ores and concentrates. I. D. Dolobradskii and others. Trudy KIMS no. 5 57-70 '63.
Method for determining susceptible beads in metallurgical slags. I. P. Kuznetsov, V. V. Radlov. Zav. lab. 31 no. 9: 1112-1113 '65.

METALLURGICAL FURNACES

Piatonov, G. F. [Parameters and electrical modes of metallurgical furnaces]. Parametry i elektricheskie rezhimy metallurgicheskikh pechey. Moscow, Energiya, 1965. 150 p. (Biblioteka elektrometrista, no. 25).

METALLURGICAL FURNACES—MAINTENANCE AND REPAIR

Counting of metallurgical furnaces. V. A. I. Voskresenskiy. Izv. no. 10:23-24 O '65.

METALLURGICAL LABORATORIES

Work of the Central Laboratory of the Goskhl Metallurgical Plant. A. L. Chichkanov. Zav. lab. 31 no. 9: 1153-1156 '65.

METALLURGY

(see also subdivision under Ukraine)

Improvement of the local method of separation of non-metallic inclusions. V. P. Pirozhkova, T. I. Litvinova, S. G. Cherniavskaya. Zav. lab. 31 no. 9:108-1107 '65.

Method for determining the uniform elongation of sheet metal. N. I. Pokhanchuk. Zav. lab. 31 no. 9:1127-1129 '65.

METALLURGY—ABSTRACTS

[Metallurgy] Ref. zhur., Met., nos. 10-11 O-N '65.

METALLURGY—COMPETITIONS

Results of the all-Union competition of the Central Board of the Scientific Technological Council of the Machinery Industry for the D. K. Chernov and N. A. Minkevich prizes in 1964. P. A. Shlykov. Metalloved. i term. obr. met. no. 3 62-64 Mr '65.

METALLURGY—TECHNOLOGICAL INNOVATIONS

In the pursuit of new achievements. S. Gol'berg. Metallurg. 10 no. 10:37 O '65.

METALS

Diffusion bonding in vacuum of metalloid carbides with high-melting metals. A. L. Burykina, O. V. Evtushenko. Porosh. met. 5 no. 1:81-85 Ja '65.
Effect of small additions of iron, nickel, and cobalt on the mechanical properties and electrical conductivity of aluminum. I. A. M. Krupotkin, M. B. Gokhshtein. Izv. vys. ucheb. zav., energ. 8 no. 10:112-116 O '65.
Effect of the difference in the potentials of the friction surface of metals on the coefficient of friction. A. A. Dychev. Trudy OMIT 43 pt. 2:117-125 '65.
Possibility of using various methods for the determination of metals in underground waters of increased mineralization. G. F. Larionov, N. M. Alekseeva, V. I. Rylman. Vest. LGU 20 no. 18:40-44 '65.

METALS—ANALYSIS

Determination of microimpurities in cesium potassium, and sodium hydroxide. M. M. Godnova, R. D. Vodanitskaya. Zhur. anal. khim. 20 no. 8:831-835 '65.
Theory for the use of complexions in the analysis of polymetallic systems. M. M. Sochevanov, V. G. Sochevanov. Zav. lab. 31 no. 9:1058-1062 '65.
Use of a flame-ionization detector for determining carbon in metals. O. A. Sukhorukov, N. T. Ivanova. Zav. lab. 31 no. 9:1070 '65.

METALS—ELECTRIC PROPERTIES

Theory of the levelling effect in the electrochemical behavior of metals. S. I. Krichmar. Elektrokhimia 1 no. 7:858-861 Ji '65.

METALS—FATIGUE

Comparative fatigue strength of permanent pipe joints obtained by soldering or welding. I. N. Shkanov. Trudy KAI no. 84:118-131 '64.

METALS—FINISHING

Groups on profile polishing. L. Stoltar, I. Dashevskii. Prof. tekhn. obr. 22 no. 10:30-31 O '65.

Shneider, Yu. G. [Selecting a deformation pattern, a method, tool design and the conditions for the finishing operations in metal working by pressure]. Vybor skhem, metodov, konstruktsii instrumenta i rezhimov chistoivoi obrabotki davleniem. Leningrad, 1965. 35 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Mekhanicheskaya obrabotka metallov).

METALS—FRACTURE

Moscow, Institut metallurgii. [Role of dislocations in the hardening and the failure of metals]. Rol' dislokatsii v uprochnenii i razrushenii metallov. Moscow, Nauka, 1965. 179 p.

METALS—HARDENING

Moscow, Institut metallurgii. [Role of dislocations in the hardening and the failure of metals]. Rol' dislokatsii v uprochnenii i razrushenii metallov. Moscow, Nauka, 1965. 179 p.

METALS—HYDROGEN CONTENT

Calculation of the installation and activation energies of hydrogen diffusion in metals. A. I. Gubanov, V. A. Nikulin. Fiz. tver. tela 7 no. 9:2701-2707 S '65.
Effect of the ultrasound on the absorption of hydrogen by metals during electrolysis. V. V. Kuznetsov, N. I. Subbotina, A. S. Karavik. Zhur. prikl. khim. 10 no. 6: 1310-1315 Je '65.

METALS—MAGNETIC PROPERTIES

Derivation of a principal magnetization curve using an electronic oscillograph. R. A. Voronov, G. N. Vasilovskiy. Trudy OMIT 42:101-106 '63.

METALS—TESTING

Apparatus for measuring the thermal diffusivity in solid, and liquid metals. R. P. Litichuk, I. P. Litichuk, Zav. lab. 31 no. 9:112-114 '65.
Effect of the rigidity of universal testing machines on the rate of deformation of metal specimens. G. Z. Lomaev. Zav. lab. 31 no. 9:110-113 '65.
Electric furnace for torsional tests for metals at high temperatures in a protecting medium. N. I. Mistratov, L. T. Timoshuk. Zav. lab. 31 no. 9:114-114 '65.

METALS, EFFECT OF TEMPERATURE ON

Causes for the decrease in the mechanical properties of cast iron at 150°-250°. O. U. Potstuhinskiy, S. A. Shevchuk, E. Ch. Gini. Lit. prof. v. no. 8:15-30 Ag '64.

Diffusive mobility and heat resistance of titanium alloys following thermal and thermomechanical treatments. S. Z. Bokshstein and others. Izv. AN SSSR, Met., no. 6: 139-142 S-O '65.

Effect of a fall in temperature on the type of steel fracture. V. P. Seveidenko, A. A. Uzdlevskaya. Dokl. AN BSSR 9 no. 8:526-529 Ag '65.

Effect of heat treatment on certain properties and the structure of the extruded AMG alloy. I. M. Vainilat, S. S. Gotslik, L. B. Granovskii. Izv. vys. ucheb. zav., i. tsvet. met. 8 no. 5:128-130 '65.

Effect of the temperature of plastic deformation on the kinetics of aging of heat-resistant austenitic steels. M. A. Smirnov, E. N. Sokolov, M. M. Shtenberg. Izv. AN SSSR, Met., no. 5:140-155 S-O '65.

Structural transformations during the heating of steel. V. D. Sadovskii. Izv. AN SSSR, Met. no. 5:41-50 S-O '65.

METALS, RARE AND MINOR

Certain mineralogical and technological characteristics of ores in the weathered layer of rare metal deposits. L. B. Zubkov, L. B. Chistov. Izv. vys. ucheb. zav., i. tsvet. met. 8 no. 5:23-28 '65.

METALS, SUBSTITUTES FOR

Aluminum and its alloys as substitutes for copper and other alloys. Trudy Giprotsvetmetobrabotka no. 23: 61-76 '65.

Corrosion-resistant coatings for nonferrous metal substitutes. Trudy Giprotsvetmetobrabotka no. 23: 153-172 '65.

Substituting nonferrous metal alloys by ferrous metals. Trudy Giprotsvetmetobrabotka no. 23:118-135 '65.

Substitution of nonferrous metals by nonmetallic materials. Trudy Giprotsvetmetobrabotka no. 23: 188-216 '65.

Zinc alloys as substitutes for copper, lead, and tin alloys. Trudy Giprotsvetmetobrabotka no. 23:77-104 '65.

METALS AT HIGH TEMPERATURES

Hardness of alloys in the ternary systems Nb - W - Zr and Nb - Mo - Zr at 1500°. E. M. Savitskiy, A. M. Zakhaev. Izv. vys. ucheb. zav., i. tsvet. met. 8 no. 5:117-121 '65.

Studying the tendency of steel toward carburizing in methane at increased temperatures and pressures. I. I. Arachkov, I. D. Grebesheva. Khim. i nef. mashinost. no. 9:26-28 S '65.

METALS AT LOW TEMPERATURES

Corrosive oxidation of metals of petroleum-refinery low temperature equipment. A. V. Shreldov, I. S. Shparbo, N. P. Shuk. Khim. i nef. mashinost. no. 9: 28-32 S '65.

Physical aspects of the effect of low temperatures on the mechanical properties of metals. A. A. Dychev. Trudy OMIT 43 pt. 2:97-107 '63.

Physical aspects of the nature of friction, wear and freezing of metals at low temperatures. A. A. Dychev. Trudy OMIT 43 pt. 2:21-25 '63.
Static strength of metals under complex stressed state and low temperatures conditions. P. I. Kondratyev. Izv. AN SSSR, Mekh. no. 5:111-111 S-O '65.
Studying the coefficient of friction at low temperatures. A. A. Dychev. Trudy OMIT 43 pt. 2:21-25 '63.

METALS AT LOW TEMPERATURES—RESEARCH AND SUBDIVISION UNDER RUSSIA, NORTHERN

METALS IN THE BODY

Changes in the electrocardiogram, the content of potassium and sodium in the myocardium and the metabolic processes in rats following introduction of cerium and the effect of some additional factors. A. J. Andriyev. Fiziol. zhur. 51 no. 7:831-843 '65.

METALWORK

Combining reducing and upsetting operations. M. N. Gorbunov. Vest. mashinost. 46 no. 8:56-59 S '65.
Increasing the precision of shape formation in rolling and forming parts made of sections. V. G. Ivanov. M. I. Lyapunov. Trudy KAI no. 84:111-111 '64.

New method for the deformation of bimetal. V. I. Ivanov, I. A. M. Okhrimenko. Vest. mashinost. 46 no. 8:62-71 Ji '65.

Poltov, I. V., and N. A. Kuznetsov. [Vibratory machining of parts for machines and instruments]. Vibratsionnaya obrabotka detalей mashin i priborov. Pod red. I. A. Glazova. [Leningrad] Leningrad, 1965. 124 p.

Using the method of bending and rolling in shaping corrugated tubing parts. A. A. Andriyev, M. I. Lyapunov. Trudy KAI no. 81:114-115 '61.

METALWORK—HANDBOOKS, MANUALS, ETC.

[Metalworking's handbook in three volumes]. Spravochnik metallista v tsekh tovarkh. Vol. 3, per. i. Moskva, Mashinostroenie, 1965.
Vol. 1. Acherkan, N. B., ed. 1965. 1607 p.

METALWORKING LUBRICANTS

Angelvalk, A. L. [Using glass lubricants in the hot pressure working of metals and alloys]. Prikladnaya metallografiya i obrabotka metallov i spлавov davleniem. Leningrad, 1965. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Mekhanicheskaya obrabotka metallov davleniem).

Experience in the use of the 5573 lubricant in the cold rolling of nonferrous metals on two-high mills. I. T. Pivovarov. Tsvet. met. 8 no. 6:20-21 Je '65.

Investigating technological lubricants for hot forging. G. S. Sudarov. Trudy MATI no. 62:160-171 '65.

Lubricating and cooling fluids. V. V. Gubarev. Mashinost. i met. no. 10:10-10 '65.

METALWORKING MACHINERY

Introducing an automatic line for assembling the M14 hexagonal-headed bolts. G. S. Tikhonov. Met. i tsvet. met. no. 9:30-31 Je '65.

Shugly, B. E., and V. M. Samoilov. [Handbook on the use of cutting, planing, upsetting and mechanical tools]. Spravochnik po ekspluatatsii i konstruirovaniyu, ukladke, vydanog i mekhanicheskogo instrumenta. Moskva, Mashinostroenie, 1965. 343 p.

METAMORPHISM (GEOLOGY)

Akademiya nauk SSSR. Laboratoriya geologii tektoniki. [Regional metamorphism of Precambrian formations in the U.S.S.R.]. Regionalnyi metamorfizm drevnebrakhshekh formatsii SSSR. Moskva, Nauka, 1965. 147 p.

METASTASIS

Case of metastasizing ovarian cancer. N. V. Kuchinova, N. A. Churishchuk, Akush. i g. no. 1:150-151 '65.

Diagnosis of intrauterine metastases of thyroid cancer. M. S. Saitov, G. T. Gol'man. Med. rad. 10 no. 9:70-71 S '65.

Effect of chemotherapeutic preparations combined with the extract of Eleutherococcus senticosus on the formation and development of metastases of an EBC tumor. B. V. Tsyrlina. Vop. onk. 11 no. 10:70-77 '65.

Intraorganic metastasis of cancer of the stomach. N. A. Zakharov. Nauch. trudy Riaz. med. inst. 11:97-97 '60.

Some characteristics of a metastasizing melanoblastoma of the eye. M. M. Nivinskii. Vop. onk. 11 no. 10:44-48 '65.

METEORITES

Meteorites and their use in studying cosmic rays. A. K. Lavrukhina. Izv. AN SSSR, Ser. fiz. 20 no. 10:1638-1642 O '65.

Study of the variations in cosmic rays based on their effects on stony meteorites. A. K. Lavrukhina and others. Izv. AN SSSR, Ser. fiz. 20 no. 10:1643-1645 O '65.

METEOROLOGICAL PHOTOGRAPHY

Photographic sky-patrol around the North Pole N. Z. Pilyupov. *Izsl. Abant ant: fiz. obsl.* no. 32 201-205 '65.

METEOROLOGY

(see also subdivision under Caucasus, Northern, Eurasia; Kuylyshov Reservoir, Northern Hemisphere, Pacific Ocean, Soviet Central Asia)

Mesometeorology. N. I. Novozhilov. *Priroda* 54 no. 10 34-39 '65.

METEOROLOGY—BIBLIOGRAPHY see Bibliography—Meteorology

METEOROLOGY—CONGRESSES

Study of the dynamics of large-scale atmospheric processes. A. M. Chukhov. *Vest AN SSSR* 35 no. 10 99-101 O '65.

METEOROLOGY—STATISTICS

Role of statistical regularities in meteorology and climatology O. A. Dvornov. *Trudy GGO* no. 181:3-13 '65.

METEOROLOGY, AGRICULTURAL

(see also subdivision under Angara Valley; Caspian Sea region; Caucasus, Northern; Kazakhstan; Kuylyshov Province, Kysyl Kum; Likhnia, Moldavia, Soviet Central Asia, Ukraine; Uzbekistan; Virgin Territory; Volga Valley)

Agroclimatic characteristics of the role of fallows A. M. Kekukh, O. D. Shitenko. *Zemledelie* 27 no. 9 17-21 S '65.

Agrometeorological indexes of the conditions for the formation of the crop of sugar beet root in the non-Chernozem zone of the European territory of the U.S.S.R. O. M. Kontorshchikova. *Trudy TSIP* no. 145 147-156 '65.

Agrometeorological indexes of the development, growth, and formation of a pea crop. N. Z. Ivanova-Zubkova. *Trudy TSIP* no. 145 115-122 '65.

Biometeorological principles of the dependence of farm animals on weather conditions N. A. Kontukhov. *Trudy KozNIGMI* no. 24 49-62 '65.

Characteristics of agrometeorological conditions for potato tuberization in the northern regions of the European territory of the U.S.S.R. V. A. Vlasova. *Trudy TSIP* no. 145 178-185 '65.

Frost in the fall. L. S. Galveronskaya. *Priroda* 54 no. 10 125-126 '65.

Improvement of the methodology of observations and calculations of evaporation from farm fields on the basis of the theory of stratification of convective exchange A. S. Kontorshchikova. *Trudy TSIP* no. 145 100-114 '65.

Meteorological characteristics of the period of the spring shearing of sheep in different regions of the southern half of the U.S.S.R. N. A. Kontukhov, A. I. Cherekesov. *Trudy KozNIGMI* no. 24 63-87 '65.

Method of long-range agrometeorological forecasting of the winter wheat crop by the spring moisture reserves in the soil and the number of stalks surviving the winter. E. S. Ulanova. *Trudy TSIP* no. 145 67-89 '65.

Methodology of the agrometeorological forecasting of the potato crop F. A. Tsuberhiller. *Trudy TSIP* no. 145 157-167 '65.

Pea cultivation in green fallows in the central part of the non-Chernozem zone. V. F. Panina. *Trudy TSIP* no. 145 123-131 '65.

Relation of soil temperature in a potato field to air temperature. O. M. Popovskaya, O. L. Kuchava. *Trudy TSIP* no. 145 188-191 '65.

Relation of the intensity of the linear growth of winter rye after heading to agrometeorological conditions. F. K. Mamchenko. *Trudy TSIP* no. 145 64-66 '65.

Requirements of meadow and pasture plants in water and moisture. G. G. Beloborodova. *Trudy KozNIGMI* no. 24 3-11 '65.

Selection of permanent places for determining moisture reserves characterizing the soil moisture of a farming area. S. I. Smirnova, S. I. Dolgov. *Trudy TSIP* no. 145 30-41 '65.

Spatial variability and methods of calculating soil moisture on irrigated fields. L. A. Razumova. *Trudy TSIP* no. 145 3-28 '65.

Study of the regularities of the linear growth of plants applied to problems of agrometeorology G. Z. Venisevich. *Trudy TSIP* no. 145 42-53 '65.

Water loss to evaporation from fields planted with beans. B. A. Ponykin. *Trudy GGI* no. 123 36-47 '65.

METEOROLOGY, AGRICULTURAL—BIBLIOGRAPHY see Bibliography—Meteorology, Agricultural

METEOROLOGY, MARITIME

Problems of marine forecasts and information. N. A. Belinskii. *Trudy TSIP* no. 142 5-12 '65.

METEOROLOGY IN AERONAUTICS

Meteorological conditions for landing airplanes. N. K. Suchkov. *Trudy TSAO* no. 60 23-24 '65.

Method of calculating the wind load of takeoff and landing strips. N. K. Suchkov. *Trudy TSAO* no. 60 25-38 '65.

Possible correctness of the alternative forecast of rough air. E. I. Soflov. *Trudy Sted. -Ar. much. -fiz. gidrometeor. inst.* no. 20 241-250 '65.

METEORS

Characteristics of the motion of small meteoric bodies. B. L. Koshcheev, V. N. Izbedinev, M. P. Lagutin. *Dokl. AN SSSR* 161 no. 6 1254-1259 O '65.

Frequency of sporadic meteoric bodies R. G. Lazarev. *Astron. zhur.* 42 no. 5 1015-1022 S-O '65.

METHACRYLAMIDE

Structure of polydimethylacrylamides. G. D. Rudkovskaya, T. A. Sokolova, M. M. Koton. *Dokl. AN SSSR* 164 no. 5 1069-1073 O '65.

METHACRYLIC ACID

Radiation copolymerization of allylamine with acrylic and methacrylic acid. F. F. Shchepin, I. P. Fedotova. *Vysokom. soed.* 7 no. 9 1548-1553 S '65.

Reaction mechanism of the decay of free radicals in poly-methyl methacrylate. P. I. Butagin. *Dokl. AN SSSR* 165 no. 1 103-106 N '65.

Softening, high-elastic resilience, and structure of space-polymers of methyl methacrylate and styrene with diolefinic monomers. S. K. Zakharov and others. *Vysokom. soed.* 7 no. 9 1554-1561 S '65.

METHANE

Chemical preservation of the grain of corn and pea seeds with a high moisture content during the period between delivery and drying N. I. Susechov and others. *Khim. i sel. khoz.* 3 no. 9 36-39 S '65.

Kinetics of the thermal decomposition of methane. G. V. Gulinev, L. S. Polak. *Kin. i kat.* 6 no. 3 399-405 My-Je '65.

Mass spectra of dissociation of CH_3^+ , CH_2^+ , CH^+ ions and certain radicals. S. I. Kupriyanov. *Kin. i kat.* 6 no. 3 532-533 My-Je '65.

Study on a detonation in nitromethane initiated by a shock wave. A. N. Dromin, S. D. Savrov, A. N. Andrievskii. *Nauch. i tekhn. probl. gor. i varya.* no. 2 3-11 '65.

Studying the tendency of steel toward carburizing in methane at increased temperatures and pressures IU. I. Archinov, I. D. Ghebeshkova. *Khim. i nef. mashinost.* no. 9 26-28 S '65.

METHANE CRYSTALS

Hardness of crystalline methane. D. N. Bol'shakova and others. *Fiz. tver. tela* 7 no. 6 2607-2611 S '65.

METHANOL

Kinetics of methanol adsorption on a platinum electrode. S. S. Beasokovalina, IU. B. Vasil'ev, V. S. Bagatki. *Elektrokhimiya* 1 no. 9 1039-1045 S '65.

METHONINE

Reaction of methionine with Nalset's second base chloride. I. M. Volashina, L. F. Krylova, M. F. Mogilevskina. *Zhur. neorg. khim.* 10 no. 8 1978-1979 S '65.

METHIONINE METABOLISM

Autographic study of the effect of vitamin E deficiency on methionine- S^{35} metabolism in guinea pigs. R. V. Chagovolski, T. M. Slutman. *Ukr. biokhim. zhur.* 37 no. 5 812-817 '65.

METHOD OF WORK see Work, Method of

METHYLAMINES

Changes in the structure and properties of methylamine-activated cellulose fibers during their storage. N. I. Klerkova, N. A. Matveeva, O. M. Kulkova. *Zhur. prikl. khim.* 38 no. 6 1360-1367 Ju '65.

METHYLATION

Methylation problems in catechol amine metabolism. V. V. Mentshikov, T. D. Bol'shakova. *Vop. med. khim.* 11 no. 2 5-17 Mr-Apr '65.

METHYLENE BLUE

Absorption of silica gel of methylene blue from aqueous solutions. D. P. Poshkova, R. M. Karlauskas. *Koll. zhur.* 27 no. 5 738-744 S-O '65.

METRAZOLE—PHYSIOLOGICAL EFFECT

Effect of various grades of hypoxia on the sensitivity to epileptogenic agents and some functional properties of motor formations in the brain. S. A. Diliba. *Fiziol. zhur.* 61 no. 7 788-805 '65.

MEXICANS see subdivision under United States

MEXICO—FOREIGN ECONOMIC RELATIONS—UNITED STATES

Kotliarenko, A. F. [Mexico] Meksika. Kyiv, Polityvdav Ukrainy, 1965, 54 p.

MEXICO—INDIANS—ART

Leningrad, Ermitazh. [Art of Mexico from ancient times to our day: a catalog] Iakushevo Meksiki ot drevneishikh vremen do nashikh dnei; katalog. Leningrad, 1961, 122 p., plates, maps. (NN)

MEXICO—POLITICS AND GOVERNMENT

Kotliarenko, A. F. [Mexico] Meksika. Kyiv, Polityvdav Ukrainy, 1965, 54 p.

MEXICO—SPORTS

Olympian Mexico IU. P. Shmakov. *Tem i plak. iz khiz.* 28 no. 8 38-42 Ag '65.

MICA INDUSTRY see subdivision under Siberia, Eastern

MICE—PARASITES see Parasites—Mice

MICROBACTERIUM

Correlation between phthalazid resistance of acid-fast microbacteria and their catalase activity. V. M. Dolzhanskii. *Probl. tub.* no. 7 67-72 '61.

MICROBIOLOGICAL SOCIETIES see subdivision under Hungary

MICROBIOLOGY see subdivision under Cherepovets Reservoir

MICROBIOLOGY—CULTURES AND CULTURE MEDIA

Ability of some micro-organisms to produce fibrinolytic substances. N. S. Ryzov, V. I. Ushakova, I. M. Nefedovskii. *Dokl. AN SSSR* 165 no. 1 217-220 N '65.

Advances and prospects in the genetics of microorganisms. S. I. Alphonso. *Genetika* no. 1 67-77 '65.

DNA synthesis in the process of bacterial conjugation. A. A. Blinkova, S. E. Brestler, V. A. Lankov. *Genetika* no. 2 13-21 Ag '65.

Isolation of L-glutamic acid from culture fluids. S. V. Gordenko, V. M. Belikov. *Zhur. prikl. khim.* 38 no. 6 1412-1414 Ju '65.

Some problems of the energy of lithophilic organisms. N. G. Doman, G. V. Tikhonova. *Usp. sov. biol.* 60 no. 2 238-256 S-O '65.

MICROBIOLOGY—TECHNIQUE

Detection of bacterial pollution of preserved blood and its components. Z. M. Boltanova, R. F. Zylshova. *Genet. i prikl. khim.* 1 125-126 '65.

Experimental study of indicator media for accelerated bacteriological control of plasma. L. F. Matveeva. *Genet. i prikl. khim.* 1 122-123 '65.

Isolation of unicellular cultures by simplified capillary method. E. D. Sokolev, L. A. Igerova, I. N. Poroznogo. *Mikrobiologiya* 14 no. 1 730-737 Ji-Ag '65.

Methodology of the isolation and study of the polysaccharides of cholera vibrios. I. M. Gubina, I. P. Efremova. *Vop. med. khim.* 11 no. 2 69-91 Mr-Apr '65.

Preservation of *Brethotrichum ashbyi* in active state. M. G. Golyshova and others. *Mikrobiologiya* 34 no. 1 661-665 Ji-Ag '65.

Triphenyl phosphine immobilization reaction using N. M. Orskovskii's simplified method. U. M. Minalmedov. *Vest. d. m. i. v.* no. 1 51-56 '65.

MICRO-ORGANISMS, EFFECT OF DRUGS ON

Changes in the sensitivity of *Mycobacterium tuberculosis* in animal organisms to chemotherapy. V. N. Solov'ev, V. S. Zueva. *Probl. tub.* no. 7 62-66 '61.

Correlation between phthalazid resistance of acid-fast microbacteria and their catalase activity. V. M. Dolzhanskii. *Probl. tub.* no. 7 67-72 '61.

Primary drug resistance of *Mycobacterium tuberculosis* in patients with pulmonary tuberculosis. V. V. Puchkov, G. I. Chertokii. *Probl. tub.* no. 7 11-17 '61.

Treatment of tuberculosis patients expectorating *Mycobacterium tuberculosis* resistant to antibiotics. V. T. Korotenko. *Probl. tub.* no. 7 17-24 '61.

MICRO-ORGANISMS, NITROGEN FIXING

Ability of phytopathogenic fungi to fixate atmospheric nitrogen. V. P. Rikova and others. *Trudy VIZR* no. 20 pt. 1 48-50 '64.

MICRO-ORGANISMS, NITROGEN-FIXING—CULTURES AND CULTURE MEDIA

Molybdenum requirement by free living nitrogen-fixing bacteria. E. N. Mishustin, N. B. Krylova. *Mikrobiologiya* 35 no. 4 683-686 Ji-Ag '65.

MICROPALEONTOLOGY, STRATIGRAPHIC see subdivision under Abkhazia

MICROSCOPE

Yorobin, V. V. [Fundamentals of the theory of the microscope, a popularized presentation for biologists and medical men] Osnovy teorii mikroskopa, v popularnom izlozhenii dlia biologov i medikov. Tbilisi, Metsnpress, 1965, 62 p.

MICROSCOPY

Television microscopy in biology. I. I. Korlov. *Tekhn. kino i telev.* 9 no. 10 20-34 O '65.

MICROSCOPY—TECHNIQUE

Methods for preparing thin sections from soft-forming rocks for microphotometric measurements. A. N. Polakov. *Pochvovedenie* no. 8 86-90 S '65.

MICROWAVE MEASUREMENTS

Automatic measurement and density regulation of pulp by the microwave method. S.I. Golota. Izv. vys. ucheb. zav., prub. 8 no. 5 27-32 '65.
Method for calculating losses in measuring standards with coaxially cylindrical electrodes. A.L. Grokholski. Trudy Inst. Kom. stand., ser. fiz. i tekhn. prib. no. 74 19-27 '63.
Mikelson interferometer for measuring the refractive index of dielectrics in the 2 mm. band. E.A. Vinogradov, E.M. Dianov, N.A. Trisova. Radiotekh. i elektron. 10 no. 10 1804-1808 O '65.

MICROWAVE TUBES

Study of a traveling-wave strophotron. P.A. Borodovskii, A.F. Buldygin. Radiotekh. i elektron. 10 no. 10 1828-1838 O '65.

MICROWAVES

Detection using a virtual cathode. S.D. Gvozdozer. Radiotekh. i elektron. 10 no. 10 1824-1828 O '65.
Modulation of a microwave field by means of a ferromagnetic resonance. I.A. Derugin, V.N. Kurnashov. Radiotekh. i elektron. 10 no. 10 1797-1803 O '65.
Parametric amplification in the 8 mm. band. A.S. Berlin and others. Radiotekh. i elektron. 10 no. 10 1907-1909 O '65.
Properties and use of single-axis magnetic ferrites in the millimeter band. L.K. Mikhailovskii and others. Radiotekh. i elektron. 10 no. 10 1739-1752 O '65.

MICROWAVES—PHYSIOLOGICAL EFFECT

Effect of microwaves on the absorptive capacity of the synovial membrane of the knee joint following the section of the spinal cord. M.I. Iatsenko, Fiziol. zhur. [Ukr.] 11 no. 4 516-519 JI-4g '65.

MIDDLE URAL ECONOMIC REGION—MACHINERY INDUSTRY—MANAGEMENT

How to reduce labor consumption? M.M. Musin, M.P. Egorov. Mashinostroitel' no. 10 35-36 O '65.

MIDDLE VOLGA ECONOMIC REGION—NATIONALITIES

Hiring native elements for governmental service in nationality districts in the first years of Soviet rule, based on materials from nationality regions of the Middle Volga Economic Region. O.I. Chistiakov. Izv. vys. ucheb. zav., prav. 9 no. 1 164-168 '65.

MIDDLE VOLGA ECONOMIC REGION—OFFICIALS AND EMPLOYEES

Hiring native elements for governmental service in nationality districts in the first years of Soviet rule, based on materials from nationality regions of the Middle Volga Economic Region. O.I. Chistiakov. Izv. vys. ucheb. zav., prav. 9 no. 1 164-168 '65.

MIDDLE VOLGA ECONOMIC REGION—RESEARCH, INDUSTRIAL

Economic activity of the Middle Volga Economic Council. A.V. Mashkovskii. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. mash. i tekhn. inform. 18 no. 9 45-47 S '65.
Out-of-town session of the Scientific Council of the Various Branches of the Light Industry of the Middle Volga Economic Region. N.A. Timokhin, V.V. Kluchevskaya. Kozh.-obuv. prom. 7 no. 3 34-35 Mr '65.

MIGRAINE

Rainer, A.U. [Cervical migraine] Sheinina migren'. [Kazan'] Izd-vo Kazanskogo univ., 1965, 197 p. (DNLM)

MIKHAILENKO, P.P., 1914-

Professor P.P. Mikhailenko's anniversary. Izv. vys. ucheb. zav., prav. 9 no. 1 188-198 '65.

MIKHAYLOVSKAYA VIRGIN STEPPE PRESERVE—STEPPE FLORA

Seasonal changes in the steppe vegetation of Mikhaylovskaya Virgin Steppe Preserve. Z.A. Sarycheva. Ukr. bot. zhur. 22 no. 4 58-62 '65.

MIKLUKHO-MAKLAI, ANDREI DMITRIYEVICH, 1914-1965

Andrei Dmitriyevich Miklukho-Maklai; obituary. Sov. geol. 8 no. 8 171-172 Ag '65.

MILDEW

(see also subdivision under Apsheeron Peninsula; Nakhichevan A.S.S.R.)

Resistance of gooseberries to powdery mildew. A. Grinenko, S. Roshchupkina, S. Potapov. Zashch. rast. ot vred. i bol. 10 no. 7 37 '65.

Role of *Cicinnobolus ceasati* De Bary in repressing the development of *Podosphaera leucotricha* (Ell. et Ev.) Salm. D.M. Kobakhidze. Bot. zhur. 50 no. 9 1307-1309 S '65.

MILISTEPPE see Kura Lowland

MILITARY AIR DEFENSES see Air defenses, Military

MILITARY ART AND SCIENCE

Chuev, I.U.V., ed. [Principles of operations research in military technology] Osnovy issledovaniia operatsii v voennom tekhnike. [By] I.U.V. Chuev i dr. Moskva, Sovetskoe radio, 1965, 591 p.

Development of the theory of Soviet operational art in the thirties. G. Lisenko. Voen.-ist. zhur. 7 no. 3: 48-61 M '65.

Problems of the development of Soviet military art by the experience of the White Russian operation. S. Iul'nikov. Voen.-ist. zhur. 7 no. 3 109-113 Mr '65.

MILITARY ART AND SCIENCE—BIBLIOGRAPHY see Bibliography—Military art and science

MILITARY ASSISTANCE, AMERICAN see subdivision under Dominican Republic

MILITARY ASSISTANCE, JAPANESE see subdivision under Vietnam, South

MILITARY ASSISTANCE, WEST GERMAN see subdivision under Israel

MILITARY BASES, FOREIGN see subdivision under Underdeveloped Areas

MILITARY EDUCATION

(see also subdivision under Belaya Tsarkov', Ukraine; Crimea; Germany; Gordy; Grodno Province; Kastornaya District; Kharkov Province; Moscow; Perm)

Military glory calls. D. Sitteyev. Voen. znan. 41 no. 8: 28-29 S '65.

Moral and psychological training of soldiers under modern conditions. R. Malinovskii. Komm. Voen. i Sl. 46 no. 12 3-13 Je '65.

Moskvichev, L.N. [Young friends of the border guards] Tunye druz'ia pogranichnikov. Alma-Ata, Kazakhstan, 1965, 34 p.

Prepare youth for heroic deeds. M. Stegantsev. Voen. znan. 41 no. 10 1-2 O '65.

Study communism. I. Sergeev. Voen. znan. 41 no. 10: 9 O '65.

Training is primary. S. Klimovich. Voen. znan. 41 no. 9 6-7 S '65.

MILITARY HISTORY—BIBLIOGRAPHY see Bibliography—Military history

MILITARY INTELLIGENCE see subdivision under United States

MILITARY JOURNALISM see Journalism, Military

MILITARY MANEUVERS see subdivision under Germany, East

MILITARY MEDICINE see Medicine, Military

MILITARY PSYCHIATRY see Psychiatry, Military

MILK—ANALYSIS AND EXAMINATION

Accelerated methods for studying the undesignated milk from cows with brucellosis. V.M. Kartashova, I.I. Arkhangel'skii. Veterinaria 42 no. 10 92-93 O '65.

Comparative evaluation of methods for determining the hygienic quality of milk. E. Sh. Akoplan. Trudy VNIIVS 24 75-78 '64.

Effect of partial substitution of carbamide for protein feed on the hygienic quality and chemical composition of milk. E. Sh. Akoplan, M. N. Iatsuk, V. V. Gaponovich. Trudy VNIIVS 24 79-87 '64.

Research and its use in the dairy industry. I. P. Komkov and others. Trudy VNIIVS 24 12-18 '64.

MILK—COMPOSITION

Interrelation of the physiological features and productivity in cattle. Report no. 2. S.A. Arlov. Vestsi AN BSSR, Ser. sel'haup. nav. no. 3 90-93 '65.

Milk yield and the chemical composition of milk of hybrid cows of some breeds of greatest interest in agricultural planning in White Russia. N.A. Horeki, F.N. Abramovskii. Vestsi AN BSSR, Ser. sel'haup. nav. no. 3 84-89 '65.

MILK—GRADING AND STANDARDIZATION see subdivision under Volokolomsk District

MILK—TRANSPORTATION

A clean container means good milk. Zakup, sel'khoz, prod. no. 5 10 My '65.

MILK, ACIDOPHILUS

Use of synthetic food emulsions in the preparation of cultured milk products. N.I. Kozin, I.N. Druzhinina, A.I. Buraya. Izv. vys. ucheb. zav.; plishch. tekhn. no. 5: 86-97 '65.

MILK, HUMAN

Manganese content in the blood of a newborn infant, in the venous and retroplacental blood of the mother and in the mother's milk. V.I. Medvedeva. Dokl. AN BSSR 9 no. 8 563-564 Ag '65.

MILK HYGIENE

A clean container means good milk. Zakup, sel'khoz, prod. no. 5 10 My '65.

For a highly hygienic quality of milk. A.A. Paliukov and others. Trudy VNIIVS 24 66-71 '64.

Ways for improving the quality of milk. I.I. Arkhangel'skii, V.M. Ropin. Veterinaria 42 no. 10 71-75 O '65.

MILK PLANTS see subdivision under Kazakhstan—Ural'skiy (Sverdlovsk Province)

MILK TRADE

(see also subdivision under Glubokoye District, East Kazakhstan Province, Virgin Territory)

Zenchenko, N.V., S.I. Kinnikov, and D.I. Storchikov. [Economics of the meat and milk industries] Ekonomika miasnoi i molokoi noy promyshlennosti. Pod red. N.V. Zenchenko. Moskva, Pishchevaya promyshlennost', 1964, 207 p. (MIU)

MILKING MACHINES

Effect of milking apparatus and udder on the mammary glands in cows. I.I. Balkov. Veterinaria 42 no. 1 63-65 O '65.

Field truck-mounted milking machine. V. Zimovets. Tekh. v sel'khoz. 25 no. 6 61 Je '65.

Milking apparatus with peripheral vacuum under feed. S. Abbasov. Tekh. v sel'khoz. 25 no. 6 66-68 Je '65.

MILKY WAY

Possible deviations from circular motion of hydrogen clouds located in the outer spiral arms of the galaxy. I.I. Pronik. Astron. zhur. 42 no. 5 621-629 S '65.

The ring of ionized hydrogen in the region located 4.5 to 4.6 kpc from the galactic center. V.I. Arshakin. Astron. zhur. 42 no. 5 670-672 S-O '65.

MILLES, CARL, 1875-1955

Milles, Carl. [Carl Milles, 1875-1955] Karl Milles 1875-1955 [By] K.S. Kravchenko. Moskva, Iskusstvo, 1965, 34 p. illus.

MILLET (see also subdivision under Volga Valley)

Accelerated determination of the hull percentage in millet. V. Datska. Muk. sel'khoz. prod. 41 no. 9 1-15 S '65.

Effectiveness of herbicides in millet fields. A.S. Mel'nikov, V.I. Morysenko, I. I. Ushakov. Tekh. v sel'khoz. 25 no. 9 51-54 S '65.

MILLET—FERTILIZERS AND MANURES see subdivision under Lipetsk Province

MILLIKAN RAYS see Cosmic rays

MILLINERY

Rostovskaya opytno-tekhnicheskaya laboratoriya gotovnykh uborov i nivoval'nykh izdelii. [Standard methods for making hats for women and children by piece production] Tipovye metody izgotovleniya zhenskikh i detskikh gotovnykh uborov pri individual'noy poshivke. Moskva, Tsentr. biuro tekhn. informatsii, 1965, 67 p.

MILLING MACHINERY

Improvement in the construction of the RZMO system. I.U.V. Panushekin, V.V. Shapovalov, V.A. Gerasimov. Tsement 31 no. 8 17 S-O '65.

MILLING MACHINES—NUMERICAL CONTROL

Analysis of the performance of the copying device in a servo drive system of the 6441-N copying milling machine. O.G. Sokolov. Izv. vys. ucheb. zav. i nauch.-issl. mekh. 8 no. 8 1040-1048 '65.

Automatic control of cutting conditions on programmatically controlled milling machines. I.A. Vukobratov, G. Zhurav, V.A. Rabinov, Stan. i teats. 40 no. 2 1-6 S '65.

MILTON, JOHN, 1608-1674

Works of John Milton. F. Ovyshnikova. Vop. lit. 3 no. 10 230-233 O '65.

MINE ACCIDENTS—SAFETY MEASURES

From practices in combing mine accidents and fires. L.A. Shumov, P.G. Molokov. Rozop. truda v prom. 8 no. 9 22-24 S '65.

MINE BUILDINGS

Erecting a headframe by the self-assembling method. Stroitel' arkhit. Uzb. 8 no. 10 16-17 O '65.

Leonov, S.N., and I.V. Baronskii, eds. [Building of mining outcrops] Stroitel'stvo gornykh predpriyatiy [By] I.V. Baronskii i dr. Moskva, Nedra, 1965, 323 p.

Polukhov, I.A., and others. [New technology of the shaft sinking] Novaya tekhnologiya sgoruzhivaniya plavnykh stvolov. Moskva, Nedra, 1965, 113 p.

MINE BUILDINGS—BLAST EFFECT

Vibrations of the reinforced concrete tower head frame under the seismic effect of open pit blasting. IU, V. Neliubov, F. I. Bahtin, S. I. Svetlichnyi, Shakht. strol. 9 no. 7 20-22 31 '65.

MINE DRAINAGE

Underground drainage of mines under construction in the western Donets Basin. I. K. Stanchenko and others, Shakht. strol. 9 no. 7 16-18 31 '65.

MINE DUSTS

At the "Krasnyi Partizan" mine. I. Demidov, Bezop. truda v prom. 9 no. 8 23-24 Ag '65.
Determination of dust conditions in mines by the presence of lubricating oil aerosols in the air. A. F. Okonevskii, and others, Bezop. truda v prom. 9 no. 9 39-10 S '65.
New requirements for industrial dust masks. V. S. Nikitin, M. P. Filippova, M. K. Shurina, Bezop. truda v prom. 9 no. 9 15-16 Ag '65.
Results of the competition for the best enterprise in the coal and ore mining industries in dust control. A. P. Zaitsev, V. S. Nikitin, M. P. Filippova, Bezop. truda v prom. 9 no. 9 60-61 S '65.
Results of the study of the dustiness of mine air in prospecting drilling. N. V. Ziminov, IU. T. Smirnov, M. I. Pashulin, Izv. vys. ucheb. zav., geol. i tsv. 6 no. 5: 140-145 My '65.

MINE DUSTS—REMOVAL

An adjustable hydrodynamic atomizer for dust removal. I. P. Nikolskii, Gor. zhur. no. 6 74 Ag '65.
Introducing an automatic system for dust removal from mine surface. I. P. Nikolskii, I. A. Il'in, Bliz. tekhn. inform. Gos. nauch. tsentr. nauch. i tekhn. inform. 16 no. 9 9-10 S '65.

MINE EXPLOSIONS

Auger borehole drilling in steeply pitching seams subject to outburst. I. P. Chebotkov, Ugol' Ukr. 9 no. 10 46-48 O '65.

MINE FILLING see subdivision under France; India

MINE FIRES

(see also subdivision under Chelyabinsk Province)
From practices in combating mine accidents and fires. L. A. Shumov, P. G. Molotov, Bezop. truda v prom. 9 no. 9 22-24 S '65.

MINE GASES

Making an isolated sealed-off stop for an increased work load. F. A. Abramov and others, Ugol' Ukr. 9 no. 10 11-16 O '65.

MINE GASES—SAFETY APPLIANCES

Protective capacity of mine isolating self-rescuers. IU. A. Shuvchenko, Bezop. truda v prom. 9 no. 9 51-52 S '65.

MINE GASES—SAFETY MEASURES

Gas content of ore deposits. G. I. Volkov, Gor. zhur. no. 9 66-70 Ag '65.

MINE HAULAGE

Classification of transportation systems in open-pit mines. M. G. Polapov, Nauch. soob. IGD 24 45-48 '65.
Efficient fields of applying various types of transportation in open pit mines. V. E. Bogdanuk, IU. P. Fedorenko, Ugol' Ukr. 9 no. 10 11-13 O '65.
Seminar on the theme "Improving the excavating operations and the transportation in strip mines of mining and ore dressing enterprises of the Ukraine." L. A. Mironitskii, Met. i gornorud. prom. no. 4 80 Ji-Ag '65.

MINE HOISTING

(see also subdivision under Soviet Central Asia)
Synthesis of an optimal control system of a mine hoist drive. A. D. Dinkel', E. V. Lubimov, Izv. vys. ucheb. zav., elektromekh. 8 no. 9 1022-1029 '65.

MINE LIGHTING

Evaluation of mine lighting systems. I. S. Samoilovich, Svetotekhnika 11 no. 10 5-7 O '65.

MINE RAILROADS

Remote control system for the 25Kr-type mine electric locomotive. E. G. Zaplechnyi, Gor. zhur. no. 8 56-58 Ag '65.

MINE RAILROADS—CARS

A device for the cleaning of mine cars. V. V. Dydzinskii, G. I. Kurimov, Gor. zhur. no. 8 71-75 Ag '65.

MINE RAILROADS—DESIGN AND CONSTRUCTION

Design of loading stations for coal loading without hoppers. V. N. Deglarenko, Ugol' Ukr. 9 no. 10 30-41 O '65.

MINE RAILROADS—SAFETY APPLIANCES

Portable railroad buffer stops. I. S. Mel'nikov, Gor. zhur. no. 8 75 Ag '65.

MINE RAILROADS—SIGNALING

Automatic control system for railroad signaling with the control of switches from the cabin of an electric train's engineer. V. V. Krivokhov, S. I. Filippov, G. M. Prilik-Melamed, Gor. zhur. no. 8 53-55 Ag '65.

Remote control system for limited conductor lines of centralized traffic control in underground mines. G. M. Prilik-Melamed, S. F. Filippov, Gor. zhur. no. 8 50-52 Ag '65.

MINE ROOF BOLTING

Selection of parameters for rod bolting in vertical shafts. G. I. Kravchenko, A. E. Belov, Shakht. strol. 9 no. 7 14-16 Ji '65.
Use of temporary anchor bolting. P. I. Smagin, P. I. Maslov, Ugol' Ukr. 9 no. 10 34-35 O '65.

MINE SAFETY

All the State Inspection on Safety in Mining of the R. S. F. S. R. Bezop. truda v prom. 9 no. 9 62-63 S '65.
Eliminate defects in the construction and use of bell conveyers. V. G. Arshava, G. P. Ivanchenko, B. I. Lserov, Bezop. truda v prom. 9 no. 9 1-6 S '65.
Important wallrock scaling at the Kukavimchorski deposits and safety measures during its caving. R. S. Permiakov and others, Bezop. truda v prom. 9 no. 9 33-39 S '65.
Safety problems in coal mining with auger boring. L. F. Zorin, N. M. Lavrinenko, I. A. Kovashnikov, Bezop. truda v prom. 9 no. 9 6-9 S '65.
Structural defects in 250-liter dredgers. Zh. I. Korshikov, Bezop. truda v prom. 9 no. 9 18-19 S '65.

MINE SAFETY—COMPETITIONS

Results of the competition for the best enterprise in the coal and ore mining industries in dust control. A. P. Zaitsev, V. S. Nikitin, M. P. Filippova, Bezop. truda v prom. 9 no. 9 59-61 S '65.

MINE SAFETY—EQUIPMENT AND SUPPLIES

Make greater use of new devices and machines. Bezop. truda v prom. 9 no. 8 1-3 S '65.

MINE SAFETY—LAW AND LEGISLATION

Pay more attention to the execution of large-scale blasting in underground workings. S. A. Izrael', A. G. Friedman, Bezop. truda v prom. 9 no. 9 16-18 S '65.

MINE TIMBERING

Analyzing the current technology for the erection of permanent supports in vertical shafts. R. A. Tshuklan, Ugol' Ukr. 9 no. 10 24-28 O '65.
Concrete lining of the workings of scraper levels in ore mines. N. P. Zlachevskii and others, Met. i gornorud. prom. no. 4 72-78 Ji-Ag '65.

Determining the amount of rock pressure on supports in the face area depending on its width and time length of supporting. E. N. Bakhtushin, Izv. vys. ucheb. zav., tekhn. met. 8 no. 5 12-16 '65.

MINE TIMBERING—MODELS

Use of models in studying the interaction of the top covering of powered supports with the roof rocks. G. A. Katkov, V. E. Frumachev, Fiz.-tekhn. probl. razrab. pol. iskop. no. 1 25-31 '65.

MINE VENTILATION

Studying the effectiveness of local aeration in strip mining. E. A. Shumil'ko, Gor. zhur. no. 8 71-72 Ag '65.
Using engineering methods for solving safety problems in mining. V. S. Orlov, Bezop. truda v prom. 9 no. 9 30-31 Ag '65.

MINE VENTILATION—COLD WEATHER CONDITIONS

Remote control of fans and heaters in the Severouralsk bauxite mines. A. N. Rodin, L. M. Dobrynin, Gor. zhur. no. 8 43-47 Ag '65.

MINE VENTILATION—ELECTROMECHANICAL ANALOGIES

Studies of transient processes in mine ventilation networks. F. A. Abramov and others, Bezop. truda v prom. 9 no. 8 38-39 Ag '65.

MINE VENTILATION—EQUIPMENT AND SUPPLIES

Experimental studies on the endurance and rigidity of centrifugal fan blades of Ts-4-75 type. F. G. Gallimzinov, Gor. zhur. no. 8 76 Ag '65.
Make sure of the normal operation of compressors. D. T. Gorbachev, D. L. Garbus, Bezop. truda v prom. 9 no. 8 12-14 S '65.
Sealing off underground fires by the method of pressure equalization on both sides of fire barriers. V. I. Balitski, Bezop. truda v prom. 9 no. 8 40-42 Ag '65.

MINERAL INDUSTRIES—BY-PRODUCTS

Effect of the waste of the Tekel Complex Metal Combine on the yield and some physiological indices of kidney beans. R. A. Borova, N. V. Kovalova, M. G. Sagitova, Trudy Resp. opyt. sta. kart. i ovosch. khoz. 2 201-209 '60.

Use of the waste of the Tekel Complex Metal Combine as fertilizers. O. M. Soboleva, A. D. Khvirov, M. V. Agontova, Trudy Resp. opyt. sta. kart. i ovosch. khoz. 2 127-131 '60.

MINERAL OILS—PHYSIOLOGICAL EFFECT see subdivision under Naftalan (Azerbaijan)

MINERAL WATERS see subdivision under Arashar

(Chita Province); Arzni (Armenia); Borzhomi (Georgia); Darasun (Chita Province); Dzhirgi (Latvia); Kislovodsk; Pyatigorsk; Transbaikalia; Truskavets (Ukraine); Yessentuki; Zheleznovodsk (Stavropol Territory)

MINERAL WATERS—THERAPEUTIC USE

Belzhikov, V. N. [Nonhealth-resort treatment of diseases of the digestive organs] Vnekurortnoe lechenie zabolovaniy organov pishchevarenia. Moskva, Meditsina, 1965. 29 p. (Nauchno-populnaya meditsinskaya literatura) (DNL)

MINERAL WATERS, SULFUROUS see subdivision under Khanai (Azerbaijan)

MINERAL WOOL

Synthetic binders in the production of mineral wool products. G. A. Isakovich and others, Stal. nat. 11 no. 10 33 O '65.

MINERALOGICAL RESEARCH

Some problems in studying the decomposition of minerals. I. S. Puzanov, A. L. Dmitriy, It. i pol. iskop. no. 3 131-140 My-Je '65.

MINERALOGY

Hydrothermal synthesis of condensates and its analogs. E. N. Diman, I. A. Nekrasov, Dokl. AN SSSR 164 no. 4 881-897 O '65.

Leinikov, F. A. [Isobaric potentials of mineral formation (chemical affinity) and their application in geochemistry] Izobarnye potentsialy obrazovaniya mineralov (khimicheskoe srodstvo) i primeneniye ikh v geokhimi. Moskva, Nedra, 1965. 114 p.

Second mineral formation under the action of an electric field in sulfate deposit. IU. S. Ryss and others, Vest. LGU 20 no. 18 34-39 '65.

MINERALOGY—CONGRESSES

Second Conference on the Physical Methods of the Study of Minerals in Sedimentary Rocks. A. G. Kossobokova, V. D. Shatov, It. i pol. iskop. no. 3 117-152 My-Je '65.

MINERALS

(see also subdivision under Buryat A. S. S. R.; Siberia; Soviet Far East, Ural Mountains)
Double role of the gaseous phase of postmagmatic solutions in endogenous mineral formation. T. M. Liaz'ko, IU. V. Linkov, A. V. Plazdur, Dokl. AN SSSR 164 no. 6, 1304-1306 O '65.
Relationship between the potentials of the ionization of elements and the concentration necessary for the formation of their own minerals. N. A. Solodov, Dokl. AN SSSR 165 no. 1 130-133 N '65.
Stability of minerals. N. G. Sudakova, Piroda 54 no. 2 41-44 F '65.

MINERALS IN PLANTS

(see also subdivision under Him Valley)
Effect of hill placement of mineral fertilizers on the content of nitrogen, phosphorus, and potassium in the rhizosphere soil and in the aerial parts of potatoes. I. I. Zmeev, Agrokhimia no. 6 51-55 Ag '65.
Trace elements and the tasks of science. A. P. Vinogradov, Agrokhimia no. 8 20-31 Ag '65.

MINERALS IN SOIL

Effect of hill placement of mineral fertilizers on the content of nitrogen, phosphorus, and potassium in the rhizosphere soil and in the aerial parts of potatoes. I. I. Zmeev, Agrokhimia no. 6 51-55 Ag '65.

MINERS

(see also subdivision under Kuznetsk Basin; Ukraine)

[Trade union of workers in geological prospecting, a concise outline] Profsozuz rabochikh geologorazvednykh rabot; kratkii ocherk. Moskva, Nedra, 1964. 100 p. (CST-3)

MINES, SUBMARINE

Weapons of underwater attack. IU. Haginskii, Voenn. znani. 41 no. 8 33-34 S '65.

MINES AND MINERAL RESOURCES see subdivision under Shor-Si (Uzbekistan)

MINGECHAUR RESERVOIR—FRESHWATER BIOLOGY

Knyamov, A. G. [Biological regimen of Mingechaur Reservoir] Biologicheskiy rezhim Mingechaurskogo vodokhranilishcha. Baku, Azerbaidzhanское gos. izd-vo, 1965. 87 p.

MOLASSES

- Effect of the nonsugar complex on the molasses forming capacity of the individual representatives. T. P. Khvalkovskii. *Izv. vys. ucheb. i nauch. issled.* no. 5:12-16 '65.
- Using the paper electrophoresis method for determining glutamic acid in molasses. N. P. Fegorova, V. P. Melnikova. *Izv. vys. ucheb. i nauch. issled.* no. 3:191-193 '65.

MOLDAVIA—ALLUVIAL PLAINS

- Geomorphological characteristics of the floodplains of small rivers in the southwestern part of the Moldavian S.S.R. as related to their reclamation. M. D. Valoshchuk. *Okhr. priu. Mold.* no. 3:31-39 '65.

MOLDAVIA—ALLOUVIUM

- Alluvial soils, their characteristics, utilization and place in the overall system of soil conservation. I. A. Krupnikova. *Kh. i Lesn. Okhr. priu. Mold.* no. 3:25-33 '65.

MOLDAVIA—ART INDUSTRIES

- On the occasion of the 10th anniversary of Moldavia. G. Pleteneva. *Inform. bul. VDNKh* no. 7:38-39 II '65.

MOLDAVIA—ATHESM

- Paleontological findings in the Moldavian S.S.R. and antireligious propaganda. B. A. Tarabukin. *Okhr. priu. Mold.* no. 3:124-132 '65.

MOLDAVIA—BATS

- Whiteing of bats in Moldavia. M. N. Lozan, V. G. Svyatoslov. *Zool. zhur.* 44 no. 6:941-943 '65.

MOLDAVIA—BIRDS OF PREY

- In defense of birds of prey. I. M. Gama. *Okhr. priu. Mold.* no. 3:137-139 '65.

MOLDAVIA—CAVES

- Study of paleolithic grottoes in northwestern Moldavia. N. A. Ketrifu. *Okhr. priu. Mold.* no. 3:60-77 '65.

MOLDAVIA—CONSTRUCTION INDUSTRY

- In the State Committee on Construction of the Moldavian S.S.R. *Biol. i stroit. tekhn.* 27 no. 8:23 S '65.

MOLDAVIA—CORN (MAIZE)

- Microclimate and heat balance on crops of irrigated and nonirrigated corn in Moldavia. I. I. Chirkov, G. V. Belukhina. *Trudy TSIP* no. 145:90-99 '65.

MOLDAVIA—EROSION

- Forests and shelterbelts as an efficient means for controlling soil erosion. Z. K. Vargina. *Okhr. priu. Mold.* no. 3:70-81 '65.

MOLDAVIA—FISH CULTURE

- Significance of small reservoirs of Moldavia in fish farming. M. F. Iatschenko. *Biol. res. vod. Mold.* no. 2:3-8 '64.

MOLDAVIA—FISHES

- Ichthyofauna in small reservoirs of Moldavia and methods of its controlled changes. I. N. Tommatik, M. Z. Vladimirov, V. I. Karlov. *Biol. res. vod. Mold.* no. 2:131-151 '64.

MOLDAVIA—FORESTS AND FORESTRY

- Protect and restore floodplain forests. A. I. Tkachenko. *Okhr. priu. Mold.* no. 3:100-105 '65.

MOLDAVIA—FRESHWATER FAUNA

- Development of bottom fauna in small reservoirs of Moldavia. M. F. Iatschenko. *Biol. res. vod. Mold.* no. 2:116-130 '64.

MOLDAVIA—GRAPES—DISEASES AND PESTS

- Kishkin, P. Kh. [Methods for determining the resistance of grapes to *Phylloxera*] *Metody diagnostiki fitofitokorruptivnosti v vinogradakh*, Kishinev, Karla moldoveniaske, 1965. 139 p. (DNL)

- Mechanization of the protection of vineyards from pests and diseases. A. G. Gvozov, P. Peshterman, *Tekhn. v sel'khoz.* 26 no. 9:34-26 Jo '65.

MOLDAVIA—HAIL

- Harmful effect of hail in Moldavia. A. G. Rozhkov. *Okhr. priu. Mold.* no. 3:41-50 '65.

MOLDAVIA—HISTORY

- Akademiia nauk Moldavskoi SSR, Kishinev, Institut istorii. [From the history of the revolutionary movement and the building of socialism in Moldavia] *Iz istorii revoliutsionnogo dvizheniia i sotsialisticheskogo stroitel'stva v Moldavii*; sbornik statei. Kishinev, Karla moldoveniaske, 1963. 223 p.

MOLDAVIA—IRRIGATION CANALS AND FLUMES

- Construction of polyethylene pressure pipes in irrigation. G. M. Zilulikov and others. *Gidrot. i mel.* 17 no. 10:43-51 O '65.

MOLDAVIA—LANDSLIDES

- Landslides of Moldavia and their use in agriculture. S. S. Orlov. *Okhr. priu. Mold.* no. 3:10-16 '65.

MOLDAVIA—METEOROLOGY, AGRICULTURAL

- Microclimate and heat balance on crops of irrigated and nonirrigated corn in Moldavia. I. I. Chirkov, G. V. Belukhina. *Trudy TSIP* no. 145:90-99 '65.

MOLDAVIA—PALEONTOLOGY

- New paleontological monuments in Moldavia. A. I. David. *Okhr. priu. Mold.* no. 3:133-135 '65.
- Paleontological findings in the Moldavian S.S.R. and antireligious propaganda. B. A. Tarabukin. *Okhr. priu. Mold.* no. 3:124-132 '65.

MOLDAVIA—PARKS

- Pandologic resources of ancient parks of Moldavia. P. V. Leontiev. *Okhr. priu. Mold.* no. 3:106-123 '65.

MOLDAVIA—PHYTOPLANKTON

- Phytoplankton in small reservoirs of Moldavia. V. M. Shalun. *Biol. res. vod. Mold.* no. 2:82-88 '64.

MOLDAVIA—PLANTS, PROTECTION OF

- Vegetation preserves in the Moldavian S.S.R. I. P. Nikolaeva. *Okhr. priu. Mold.* no. 3:81-99 '65.

MOLDAVIA—RESERVOIR SEDIMENTATION

- Physicochemical properties of bottom sediments in small reservoirs of Moldavia. I. F. Kozhukhar'. *Biol. res. vod. Mold.* no. 2:60-67 '64.
- Results of field studies on the siltation process in ponds of Moldavia. A. I. Moldovanov, V. V. Elstikhin. *Okhr. priu. Mold.* no. 3:8-11 '65.

MOLDAVIA—RESERVOIRS

- Development of bottom fauna in small reservoirs of Moldavia. M. F. Iatschenko. *Biol. res. vod. Mold.* no. 2:116-130 '64.

- Hydrochemical characteristics of small reservoirs of Moldavia. G. G. Gorlunskii, S. F. Byrga. *Biol. res. vod. Mold.* no. 2:24-39 '64.

- Hydrography and morphometry of small reservoirs of Moldavia. M. F. Iatschenko, A. I. Naberezhnyi, V. M. Shalun. *Biol. res. vod. Mold.* no. 2:9-23 '64.

- Ichthyofauna in small reservoirs of Moldavia and methods of its controlled changes. I. N. Tommatik, M. Z. Vladimirov, V. I. Karlov. *Biol. res. vod. Mold.* no. 2:131-151 '64.

- Phytoplankton in small reservoirs of Moldavia. V. M. Shalun. *Biol. res. vod. Mold.* no. 2:82-88 '64.

- Zooplankton in small reservoirs of Moldavia. A. I. Naberezhnyi. *Biol. res. vod. Mold.* no. 2:100-115 '64.

MOLDAVIA—RESERVOIRS—MICROBIOLOGY

- Bacterial plankton in small reservoirs of Moldavia. T. D. Dymchishina-Krivontava. *Biol. res. vod. Mold.* no. 2:68-81 '64.

MOLDAVIA—RIVERS

- Geomorphological characteristics of the floodplains of small rivers in the southwestern part of the Moldavian S.S.R. as related to their reclamation. M. D. Valoshchuk. *Okhr. priu. Mold.* no. 3:34-39 '65.

MOLDAVIA—ROE DEER

- Roe deer in Moldavia. G. A. Uspenskii, M. N. Lozan. *Okhr. priu. Mold.* no. 3:150-156 '65.

MOLDAVIA—ROTATION OF CROPS

- Crop rotations in Moldavia. M. I. Sklarov. *Zemledelie* 27 no. 11:26-31 N '65.

MOLDAVIA—SALINE AND ALKALI SOILS

- Significance of carbon source in the medium in determining Azotobacter in saline soils of Moldavia. N. M. Babak. *Mikrobiologiya* 34 no. 5:868-870 S-O '65.

MOLDAVIA—SOCIALISM

- Akademiia nauk Moldavskoi SSR, Kishinev, Institut istorii. [From the history of the revolutionary movement and the building of socialism in Moldavia] *Iz istorii revoliutsionnogo dvizheniia i sotsialisticheskogo stroitel'stva v Moldavii*; sbornik statei. Kishinev, Karla moldoveniaske, 1963. 223 p. (MII)

MOLDAVIA—SOIL CONSERVATION

- Alluvial soils, their characteristics, utilization and place in the overall system of soil conservation. I. A. Krupnikova. *Kh. i Lesn. Okhr. priu. Mold.* no. 3:25-33 '65.

MOLDAVIA—SOVIETS

- Furazhikov, A. [Volunteer participation in the work of the Soviets] *Obshchestvennye nachala v rabote soveto. Kishinev, Karla moldoveniaske, 1964. 59 p. (CST-II)*

MOLDAVIA—STONE AGE

- Study of paleolithic grottoes in northwestern Moldavia. N. A. Ketrifu. *Okhr. priu. Mold.* no. 3:60-77 '65.

MOLDAVIA—S FORMS

- Unusually strong south in Moldavia. G. G. Bezva, V. N. Vargin. *P. V. Smirnov. Okhr. priu. Mold.* no. 3:1-70 '65.

MOLDAVIA—SUGAR INDUSTRY

- Singus, G. N. [Methodological problems of computing expenditures in combined production] *Metodicheskie voprosy ischisleniia zatrat v kombinirovannykh proizvodstvakh*. Kishinev, Karla moldoveniaske, 1964. 70 p.

MOLDAVIA—TREES

- Dendrologic resources of ancient parks of Moldavia. P. V. Leontiev. *Okhr. priu. Mold.* no. 3:106-123 '65.

MOLDAVIA—VEGETABLE GARDENING

- Potentials for increasing the production of vegetables and lowering its cost. Kh. I. Khazin. *Kons. i ov. prom.* 20 no. 7:28-32 JI '65.

MOLDAVIA—WATER

- Summarizing the materials on surface water resources of Moldavia. G. G. Bezva. *Okhr. priu. Mold.* no. 3:19-22 '65.
- Water resources of Moldavia. A. P. Prishchak. *Okhr. priu. Mold.* no. 3:4-7 '65.

MOLDAVIA—WATER—COMPOSITION

- Hydrochemical characteristics of small reservoirs of Moldavia. G. G. Gorlunskii, S. F. Byrga. *Biol. res. vod. Mold.* no. 2:21-39 '64.

MOLDAVIA—WHEAT—DROUGHT RESISTANCE

- Cultivation practices and crop yields. K. K. Mironiuk. *Zemledelie* 27 no. 9:62-61 S '65.

MOLDAVIA—WINDBREAKS, SHELTERBELTS, ETC.

- Forests and shelterbelts as an efficient means for controlling soil erosion. Z. K. Vargina. *Okhr. priu. Mold.* no. 3:70-81 '65.

MOLDAVIA—ZOOPLANKTON

- Zooplankton in small reservoirs of Moldavia. A. I. Naberezhnyi. *Biol. res. vod. Mold.* no. 2:100-115 '64.

MOLDING (FOUNDING)

- Compacting molding mixtures by vibration equipment. I. N. Evstatov and others. *Lit. proizv.* no. 9:1-6 S '65.
- Draining the "gating system" concept. I. G. Denisov. *Lit. proizv.* no. 9:41-15 S '65.

- Dimensional connections and errors in sand molds. P. I. Talanov, V. D. Biedis. *Lit. proizv.* no. 9:6-7 S '65.

- Effect of technological factors on the gas permeability of molds. I. P. Vasin, P. V. Chernogorov. *Lit. proizv.* no. 9:23-25 S '64.

- Effect of the flowability of sand mixtures on the mold pressing process and its determination. G. M. Orlov. *Lit. proizv.* no. 8:36-37 Ag '61.

- Letters to the editors. N. G. Rudenko, I. I. Gornov. *Lit. proizv.* no. 9:15 S '65.

- Means of automation for automatic molding lines. V. V. Chernyshev. *Lit. proizv.* no. 8:12-17 Ag '61.

- Mold for casting the stock of wing nuts. H. V. Khilento. *Shkola i proizv.* 9 no. 10:72-73 O '65.

- Silver-free molds for the casting of heat resistant alloys and high-melting metals. A. N. Kuratovnikov and others. *Lit. proizv.* no. 8:1-3 S '65.

MOLDINGS

- How to make a molding. L. V. Nazarinov. *Shkola i proizv.* 9 no. 8:56-57 Ag '65.

- Molding machinery. I. Sultovskii. *Stroitel'skii Uzb.* 6 no. 1:45-47 Ja '65.

- Some advice on making a molding. P. P. Uspenskii. *Shkola i proizv.* 9 no. 8:54-56 Ag '65.

MOLDS (BOTANY)

- Characteristics of the development of molds producing various antibiotic and antibiotic substances. Z. E. Bekker and others. *Mikrobiologiya* 34 no. 4:653-660 JI-Ag '65.

- Mycoflora of the air of archives and the results of tests of some physical measures against it. L. G. Aleksei-Moskhalov. *Soob. AN Gruz. SSR* 39 no. 3:583-588 S '65.

MOLECULAR ASSOCIATION

- Cross-linking of solutions of polymers and their mixtures. V. N. Kulernov, L. S. Kravchina, B. A. Dogadkin. *Koll. zhur.* 27 no. 5:715-719 S-O '65.

MOLECULAR BIOLOGY

- Molecular mechanism of the Crozier principle in its application to the development of poikilothermal animals. B. M. Mednikov, A. S. Antonov, A. N. Brizovskii. *Dokl. AN SSSR* 165 no. 1:227-229 N '65.

MOLECULAR DISTILLATION see Distillation, Molecular

MOLECULAR ORBITALS

Molecular orbits of a sulfite ion, S. P. Ionov, M. A. Porai-Foshits, Zhur. neorg. khim. 10 no. 2 1961-1965 5 '65.

Molecular orbits of MnO_3^{2-} , G. V. Ionova, M. E. Diatkina, Zhur. neorg. khim. 10 no. 9 2036-2040 S '65.

Theoretical study of the spectral behavior of systems with a quassiaromatic cycle V. G. Plotnikov and others, Zhur. fiz. khim. 39 no. 9 2311-2312 S '65.

MOLECULAR SPECTRA

Certain regularities in the electronic vibration spectra of substituted aromatic hydrocarbons, Part 2 A. E. Litaski, L. A. Antropova, Zhur. fiz. khim. 39 no. 9 2120-2130 S '65.

Effect of the value of the exciting quantum on the emission spectra of vapors of complex molecules L. P. Kazachenko, Dokl. AN SSSR 164 no. 5 511-513 Ag '65.

Spectrum analysis of complex molecules (to be concluded), E. V. Shipil'shin, Priroda 51 no. 10 22-29 '65.

MOLECULAR STRUCTURE

Conference on the supermolecular structure of wood pulp and its technical significance F. P. Komarov Bum prom. no. 6 27-28 Ag '65.

Molecular structure and permeability of mitochondria of the living cell, T. B. Kazakova, Usp. sov. biol. 60 no. 2 188-214 S-O '65.

Structure of the surface and ultra-thin sections of polymeric fibers, G. V. Nikonovich and others, khim. volokn. 5 54-59 '65.

MOLECULAR THEORY

The equations of aerodynamics in the presence of binary molecular processes, B. V. Fagorov, V. N. Zhigulev, V. M. Kuznetsov, Dokl. AN SSSR 164 no. 6 1249-1252 O '65.

MOLECULAR WEIGHTS

Application of the turbidimetric titration method for determining the molecular weight distribution in siloxane polymers, N. A. Pravikova and others, Kaucch. i. ch. 24 no. 10 19-22 '65.

Molecular weight distribution and physicochemical properties of butadiene-styrene rubbers, M. Kalfus and others, Vysokom. soed. 7 no. 9 1655-1659 S '65.

MOLECULES

Distribution of probabilities for the internal coordinate of a polyatomic molecule in a vibrational stationary state, L. S. Matanis, Dokl. AN SSSR 164 no. 4 852-855 O '65.

Use of hypervirial correlations in evaluating energy displacement, S. I. Yatchin, Teoret. i eksperi. khim. 1 no. 4 423-427 '65.

MOLECULES—MODELS

Model of a compound molecule in the theory of chemical reactions, E. E. Nikitin, Kin. i kat. 6 no. 3 377-388 My-Je '65.

MOLECULES—VIBRATION

Interrelation between the vibrational relaxation and dissociation of diatomic molecules, N. M. Kuznetsov, Dokl. AN SSSR 164 no. 5 1097-1100 O '65.

MOLLUSKS

(see also subdivision under Caspian Sea) Brief news and information, Zool. zhur. 44 no. 9 1437-1440 '65.

MOLLUSKS—PARASITES see Parasites—Mollusks

MOLTEN METALS see Liquid metals

MOLYBDENITE

Products of the oxidation of molybdenite by copper oxide during autoclave alkali decomposition, Z. D. Undasynova, E. I. Ponomareva, Trudy Inst. met. i obog. AN Kazakh. SSR 12 26-31 '65.

MOLYBDENUM

Effect of molybdenum on transformations in the solid state in alloys of the V-Ti system A. T. Grogov'ev, and others, Vest. Mosk. un. Ser. 2 Khim. 20 no. 4 44-49 Ji-Ag '65.

Molybdenum requirement by free living nitrogen-fixing bacteria, E. N. Mishustin, N. B. Krylova, Mikrobiologiya 34 no. 4 883-888 Ji-Ag '65.

Separation of tungsten and molybdenum in fluorine-containing solutions by means of the AV-17, EDE-10P, and AN-2F anion exchangers, V. S. Pakholkov, V. D. Ol'khin, Zhur. prikl. khim. 38 no. 6 1235-1239 Je '65.

Sorption of molybdenum from H_2SO_4 -HF solutions by AV-17 and EDE-10P anion exchangers, V. S. Pakholkov, V. D. Ol'khin, Zhur. prikl. khim. 38 no. 6 1392-1394 Je '65.

MOLYBDENUM—ANALYSIS

Kinetic method for determining microquantities of molybdenum, K. B. Iatiminskii, A. P. Filippov, Zhur. anal. khim. 20 no. 8 815-819 '65.

MOLYBDENUM—EFFECT ON PLANTS see Plants, Effect of molybdenum on

MOLYBDENUM—METALLURGY

Investigating the aqueous leaching of tungsten-molybdenum containing molten sodium matrix, I. R. Polykumy, R. S. Demchenko, N. V. Mikhlin, Trudy Inst. met. i obog. AN Kazakh. SSR 12 151-160 '65.

Separating tungsten and molybdenum in alkali sulfide solutions, I. R. Polykumy, N. A. Mikhlin, I. N. Sysoyev, Izv. Inst. met. i obog. AN Kazakh. SSR 12 161-167 '65.

MOLYBDENUM CARBIDES

Crystallization type and composition of higher molybdenum carbide, V. N. Demchenko, T. Ia. Vellkanova, Porosh. met. 5 no. 1 11-13 Ja '65.

MOLYBDENUM COMPOUNDS

Extraction of penta- and hexavalent molybdenum from hydrochloric acid solutions with oxygen-containing solvents, A. I. Busev, V. A. Polikhin, Vest. Mosk. un. Ser. 2 Khim. 20 no. 4 69-72 Ji-Ag '65.

Formation of molybdenum ferrocyanides, G. B. Seifer, S. IU, Nikolaeva, Zhur. neorg. khim. 10 no. 9 2057-2059 S '65.

Preparation and properties of some complex molybdenyl and tungstenyl fluorides and their properties, IU, A. Buzlaev, R. L. Davidovich, Dokl. AN SSSR 161 no. 6 1296-1299 O '65.

MOLYBDENUM CRYSTALS

Emission properties of molybdenum single crystals, U. V. Azizov and others, Fiz. tver. tela 7 no. 9 2759-2762 S '65.

MOLYBDENUM SALTS

Spectrophotometric study of vanadium thio salts in solution, K. B. Iatiminskii, L. A. Zakharova, Zhur. neorg. khim. 10 no. 9 2065-2069 S '65.

MOLYBDENUM-TITANIUM-MANGANESE ALLOYS see Titanium-molybdenum-manganese alloys

MOMENTS OF INERTIA—GRAPHIC METHODS

Nomographic determination of the moments of inertia for bodies of revolution, N. N. Koplev, V. F. Zubkov, Vest. mashinost. 45 no. 7 40 Ji '65.

MONASTYRK REGION (UKRAINE)—PALEOBOTANY, STRATIGRAPHIC

New data on the flora of the second Mediterranean stage in the environs of the village of Monastyrsk, Lvov Province, N. O. Shchekina, L. A. Petrova, Ukr. bot. zhur. 22 no. 3 80-86 '65.

MONCHEGORSK (MURMANSK PROVINCE)—NONFERROUS METAL INDUSTRIES—BY-PRODUCTS

Using as fertilizers the Monchegorsk mining and ore dressing industry by-products containing microelements, S. M. Vaitapellian, Prikl. Sev. no. 9 296-299 '65.

MONGOLIA—AGRICULTURE

Agriculture and agricultural research in Mongolia, A. V. Peterburgskii, Agroklimatika no. 10 150-158 O '65.

MONGOLIA—BIRDS

Birds of the Bulugan Valley (Mongolian People's Republic), A. Bolod, Ornitologiya no. 7 346-349 '65.

MONGOLIA—CRYPTOPEDELOGY

Outlook for the work of the Institute of Geography and Permafrost Study of the Academy of Sciences of the Mongolian People's Republic, Sh. Tsogmid, Dokl. Inst. geog. Sib. i Dal'. Vost. no. 6 16-18 '64.

MONGOLIA—DARKLING BEETLES

Darkling beetle *Platyscelus rugifrons* Geim. as an agricultural pest in the Mongolian People's Republic, A. Tsendsuren, Trudy Kaz. NIIR 8 255-259 '64.

MONGOLIA—ECONOMIC CONDITIONS

Conquerors of the Mongolian steppes, Iayvan-Nymyn Bimbadorzh, Agitator 33 no. 10 52-53 My '65.

MONGOLIA—ECONOMIC GEOGRAPHY

Gorbunova, M. N. [Korea, Mongolia] Korea. "Mongolia, [By] D. N. Kostinskii, Moskva, Geografiz, 1958, 28 p. (Strany Azii, geograficheskie spravki).

MONGOLIA—FALCONS

Ecology of the red-footed falcon *Falco vespertinus amurensis* Radde in the Mongolian People's Republic, O. Shagdasuren, Ornitologiya no. 7 350-352 '65.

MONGOLIA—FLUORSPAR

Characteristics of the distribution of fluoride mineralization in eastern Mongolia, R. A. Khasin, A. D. Kalanov, Dokl. AN SSSR 164 no. 6 1306-1309 O '65.

MONGOLIA—GEOGRAPHICAL RESEARCH

Outlook for the work of the Institute of Geography and Permafrost Study of the Academy of Sciences of the Mongolian People's Republic, Sh. Tsogmid, Dokl. Inst. geog. Sib. i Dal'. Vost. no. 6 16-18 '64.

MONKEYS—DISEASES AND PESTS

(see also subdivision under Vietnam, North)

Simian viruses, I. R. Phil, Vop. zhur. 10 no. 2 131-138 Mi-Ap '65.

MONOMERS

Pyrolysis of the product of petroleum refinery for the purpose of obtaining monomers, L. B. I. Vasilev, Ch. Chivadar, Soob. AN Guev. SSR 19 no. 1 21-26 R '65.

Vnesoloznyi nauchno-issledovatel'skii institut nafti i khimicheskoi promyshlennosti [Monomer for "Polyplast"] Monomer dlya pentaplada, Moskva, Khimika 1965, 107 p.

MONOMYCIN

Effect of erythromycin on the therapeutic effectiveness of monomycin, B. B. Kudryov, Antibiotiki no. 1 19-21 '65.

MONOSACCHARIDES

Study on nucleosides of purine bases and monosaccharides in acid media, V. A. Kuz'menko, Fiziol. zh. [Ukr.] 11 no. 1 513-514 Ji-Ag '65.

MONTAIGNE, MICHEL EYQUEM DE, 1513-1592

Worles of Montaigne de Montaigne, called the chapters of Montaigne, from the history of the life of Montaigne, in France at the beginning of the 17th century, J. B. Vipper, Vest. Mosk. un. Ser. 7 Filol. i lingv. 20 no. 5 16-32 S-O '65.

MOON

Gravity and the figure of the moon, A. A. Mikhal'ts, Astron. zhur. 12 no. 5 1062-1066 S-O '65.

Recent developments in lunar and planetary studies, A. E. Salomonovich, Vest. AN SSSR 35 no. 10 162-163 O '65.

MOON—SURFACE

Inapplicability of Mendelin's relation in determining the causes of the genesis of lunar craters, G. G. Vashchenko, Dokl. AN SSSR 165 no. 1 56-57 N '65.

Volcanic activity of the lunar crater Aristarchus, N. A. Kozlov, Astron. zhur. 12 no. 1 10-11 D '64.

MOON, THEORY OF

Relative orientation of the earth's equator and the lunar orbit in the remote past, N. A. Kosolova, Astron. zhur. 12 no. 5 1070-1074 S-O '65.

MOOR AND MUD BATHS see Baths, Moor and mud

MOOSE see subdivision under Caucasus, North Caucasus

MORAL EDUCATION

Main aspects of the problem "Public education as a part of moral education in general schools" and the organization of its study with the participation of teachers, P. P. Sokolnikov, Uch. zap. Chuv. gos. ped. inst. 1964, 1-11 '64.

MORDOVIA—CONSTITUTIONAL HISTORY

Dukin, M. S. [Establishment of the Mordovian A.S.S.R., historical and legal sketch] Obrazovanie Mordovskoi ASSR, istoriko-pravicheskii ocherk, Saransk, Mordovskoe knizhnoe izd-vo, 1964, 253 p. (CS-11)

MORDVINIAN A.S.S.R. see Mordovia

MORDVINIANS IN LITERATURE

Saransk, Nauchno-issledovatel'skii institut fizicheskoi i gornoi, Istoriya i ekonomika, [Russian writers on the Mordvinian people] Russkie pisateli o mordviniansakh Saransk, Mordovskoe knizhnoe izd-vo, 1957, 120 p. (NN)

MORTAR

(see also subdivision under Kazakhstan)

Evaluation of the crack resistance of cement mortars, V. V. Smolnikov, R. D. Litvinova, A. A. Borimov, Izv. VNIIG 70 61-70 '64.

Repair of hydrotechnical constructions by polymeric mortars, V. I. Sakharov, Gidr. stek. 45 no. 6 22-25 Jo '65.

Use of loams for preparing clay-cement injection materials, I. R. Arabadzhan, Izv. VNIIG 70 77-80 '64.

MORTAR—TRANSPORTATION

Two-container mortar transporting device for the base of the GAZ-51 motortruck, Stroi. i ankh. stroit. 4 no. 9 18 S '65.

MOSAIC DISEASE

Mosaic diseases of cucumbers grown under glass, D. A. Gae', Dokl. AN SSSR 164 no. 5 555-557 Ag '65.

MOSCOW—AGRICULTURAL COLLEGES

Kantorovich, A. V. [Flag officer of Soviet agronomy]
Plagman sovetskoi agonomii. Moskva, Znaniye, 1965
47 p. (Novoe zheniye, nauka, tekhnika V SSSR
Selskoe khoz. i selsk. inzh. nauch. zap. 1965, no. 21)

MOSCOW—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

Practices in Section 16 of Novyye Chertomushki. D. Radtsig
Zh. d. i. zh. k. i. zh. t. 1965, no. 5, 10-12 '65

MOSCOW—APARTMENT HOUSES—MAINTENANCE AND REPAIR

Improvement of the general repair of residential houses. M. N. Slivodov. Gos. khoz. Mosk. 39 no. 8:16-20 Ag '65
Improvement of the maintenance of residential houses. A. V. Babitskiy. Gos. khoz. Mosk. 39 no. 8:15-18 Ag '65

MOSCOW—BEARING INDUSTRY—MANAGEMENT

On the shoulders of machinery. V. Parnitskiy. NIO
7 no. 10:35-36 O '65

MOSCOW—BIRDS

Avifauna of Moscow. N. V. Bel'skiy. Ornitologiya
no. 7:457-458 '65

MOSCOW—BUILDING MATERIALS

Synthetic materials at the Moscow construction projects.
I. A. Dykhovitskiy. Bui. stro. tekhn. 27 no. 9:37-40
S '65.

MOSCOW—BUILDINGS, PREFABRICATED

Quality of fully prefabricated construction. S. Balashov.
Str. i. zh. k. i. zh. t. Mosk. no. 5:1-3 '65.

MOSCOW—CHEMICAL INDUSTRIES—EQUIPMENT AND SUPPLIES

Review of norms yields good results. A. Plokhov. Fin.
SSSR 30 no. 10:16-50 O '65.

MOSCOW—CITY PLANNING

General plans of the reconstruction of the capital. N. P.
Pavlov. Gos. khoz. Mosk. 39 no. 8:2-7 Ag '65.
October Square today and tomorrow. I. Mironov.
Str. i. zh. k. i. zh. t. Mosk. no. 5:7-9 '65.

MOSCOW—CLOTHING INDUSTRY—ACCOUNTING

Accounting for the production in the "Bol'shevichka"
Combine. M. Bishayev, M. Kurnikova, V. Lukin. Vest.
stat. no. 10:29-31 '65.

MOSCOW—CLOTHING INDUSTRY—MANAGEMENT

Inst. i. zh. k. i. zh. t. V. Kopniaev, V. Shevelev. Fin. SSSR 39
no. 10:14-17 O '65.

MOSCOW—COLD STORAGE WAREHOUSES

Ice shelving of compartments in the Moscow Cold
Storage Warehouse No. 1. I. P. Shindlerman. Khol.
tekhn. 42 no. 5:50-55 S-O '65.
New cold storage warehouse in Moscow. P. S. Maksimov,
I. I. Lisenov. Khol. tekhn. 42 no. 5:11-17 S-O '65.

MOSCOW—COMMUNIST PARTY OF THE SOVIET UNION

Guided by the table of ranks. . . . A. Babicheva. Part.
zh. i. zh. k. i. zh. t. no. 22:64 N '65.

MOSCOW—CONSPIRACY OF 1825

The party in the period of the development of the revolution.
3. The armed uprising of the Decembrists. The
uprising in Moscow. Vop. i. zh. k. i. zh. t. KPSS 9 no. 10:28-47 N
'65.

MOSCOW—CONSTRUCTION INDUSTRY—MECHANIZATION

Machine shifts and the use of construction equipment.
A. Ben-Morin-Zade, G. Trishkin. Fin. SSSR 39 no. 10:
65-69 O '65.

MOSCOW—COURTS

It is time to end the organizational confusion. T. Shlaf-
shelm. Sov. iust. 29 no. 10:15 S '65.

MOSCOW—ELECTRIC POWER DISTRIBUTION

Fiftieth anniversary of the Moscow Electric Utility
System. A. P. Namov. Elek. sta. 36 no. 11:7-10 N
'65.

MOSCOW—EXHIBITIONS

Building machines of foreign countries at the Moscow
International Exhibition. A. I. Safonov. Gidr. stroit.
33 no. 6:51-53 Je '65.

Exhibit "Precision machine tools and their use" at the
Exhibition of the Achievements of the National Economy.
M. L. Lomitskiy. Vest. mashinost. 15 no. 7:82-84
Jl '65.

Exhibition of Achievements of the National Economy in
1965. S. Pereplotchikov, V. Keshov. Inform. biul.
VDNKH no. 3:4 Mr '65.

Exhibitions of special items and travelling exhibitions at
the Exhibition of the Achievements of the National
Economy. Vest. mashinost. 45 no. 9:79 S '65.

The "Infoga-65" exhibit. Vest. sviat. 25 no. 8:32-33
Ag '65.

International exhibition "Chemistry in industry, construc-
tion and agriculture." Na stroi. Ros. 6 no. 9:24-27
S '65.

Prizes awarded to the best. K. Bobrova. Inform. biul.
VDNKH no. 3:21-22 Mr '65.

MOSCOW—FIELD CROPS—RESEARCH

Centennial of domestic plant growing. N. A. Molodtsov,
V. I. Luk'yanuk. Zemledel. 27 no. 8:89-86 S '65.

MOSCOW—FINANCE

Association changes and planning for profit. L. Tsimmer-
man. Fin. SSSR 30 no. 10:40-46 O '65.

MOSCOW—FIRE ENGINES—MAINTENANCE AND REPAIR

Rebirth of a machine. N. Semina. Pozh. delo no. 10:8-
9 O '65.

MOSCOW—FLOUR MILLS

Mechanized recording of the amount of grain at the
"Shukra" Moscow Milling Combine. I. Ulanov. Muk.
del. prom. 31 no. 8:13-11 Ag '65.

MOSCOW—GEOGRAPHICAL MUSEUMS

Tenth anniversary of the Museum of Earth Sciences of the
Moscow University. T. N. Ovchinnikova. I. v. AN
SSSR, Ser. geog. no. 5:138-110 S-O '65.

MOSCOW—HISTORICAL MUSEUMS

Enthusiasm of the revolution. A. Patov. Nov. vsem. 23
no. 45:10-11 N '65.

In the M. I. Kalinin State Museum. L. I. Guskova. Vop.
ist. KPSS 9 no. 11:55 N '65.

MOSCOW—HOSPITALS

Hospitals should meet present-day requirements.
I. U. Antonov, I. Kalka. Str. i. zh. k. i. zh. t. Mosk. no. 5:21-25
'65.

MOSCOW—INDUSTRIES

Great Successes in industry under the jurisdiction of the
Executive Committee of the Moscow City Soviet of
Workers' Deputies has fulfilled the seven-year plan.
Gos. khoz. Mosk. 39 no. 8:1 Ag '65.

MOSCOW—KINDERGARTENS—DESIGN AND CONSTRUCTION

Made of completely prefabricated elements, design and
construction of children's institutions. I. Kostel'.
Str. i. zh. k. i. zh. t. Mosk. no. 5:13-17 '65.

MOSCOW—LIBRARIES

House of the Atheist and libraries. I. Romanov. Biblio-
tekar' 43 no. 10:18-19 O '65.

MOSCOW—MILITARY EDUCATION

Strengthening the material basis. V. Mednikov. Voenn.
znani. 11 no. 8:32 S '65.

MOSCOW—MOTION-PICTURE FESTIVALS

Visiting the "sovereign of thoughts." A. M. Mikhalevich.
Komm. i. zh. k. i. zh. t. 40 no. 10:50-61 O '65.

MOSCOW—ORTHOPEDIC SHOES

Big and small problems. P. Postnikov. Sots. obesp.
26 no. 10:47-49 O '65.

MOSCOW—PENSIONS

Days full of worry. E. Lyasov. Sots. obesp. 26
no. 10:21-23 O '65.

MOSCOW—POLES

The Society of Polish Students in Moscow University,
1955-1963. T. F. Fedosova. Uch. zap. Inst. slav. 29:
24-50 '65.

MOSCOW—POWER ENGINEERING—STUDY AND TEACHING

Pedagogical and scientific work of the department of
industrial electronics of the Moscow Power Engineering
Institute. I. L. Kaganov. Trudy MEI 55:5-10 '65.

MOSCOW—PRINTING PLANTS

Comrade A. I. Mikhov's speech. Poligrafia no. 7:44
Jl '65.

In the "Kraevaya Revolutsiya" Printing Plant. M. Beldichevskiy.
Poligrafia no. 7:33-34 Jl '65.

Printing plant of the "Krasnaya Zvezda" newspaper,
three-time winner of orders. A. I. Baskarovskiy.
Poligrafia no. 7:3-4 Jl '65.

MOSCOW—PUNCHED CARD SYSTEMS—CLOTHING INDUSTRY

Statistical method of studying consumer's demand.
I. A. Edel'man. Vest. stat. no. 10:34-39 '65.

MOSCOW—PUNCHED CARD SYSTEMS—CONSTRUCTION INDUSTRY

What is now in operation and production planning.
V. Zaitkin, I. Naumov, A. I. Usin. Ekon. stroi. no. 10:38-
40 O '65.

MOSCOW—PUNCHED CARD SYSTEMS—INDUSTRIAL CAPACITY

Mechanization of the work of employees engaged in the
computation of productive capacity. I. Komarov.
V. Kogan. Sots. iust. 30 no. 10:78-82 '65.

MOSCOW—PUNCHED CARD SYSTEMS—INDUSTRIAL PROCUREMENT

Use of requisition cards in procurement organizations.
A. Shvachko. Buhg. uch. 22 no. 8:13-15 S '65.

MOSCOW—RESTAURANTS, LUNCHROOMS, ETC.

New cafe on Gorkiy Street. Str. i. zh. k. i. zh. t. Mosk. no. 5:
32 '65.

MOSCOW—RETAIL TRADE—FINANCE

Profitability in the retail trade. M. B. Kozlov. Sov. iust.
39 no. 10:23-31 O '65.

Turnover of merchandise, profit, and the efficient use of
funds. I. Mikhov. Sov. iust. 39 no. 10:4-8 O '65.

MOSCOW—ROADS

Development of Moscow and the improvement of the
thoroughfare system. N. N. Ullas. Gos. khoz. Mosk.
39 no. 8:7-11 Ag '65.

MOSCOW—RUSSIAN SOCIAL DEMOCRATIC PARTY

Yagla, I. M., and I. P. Ugarev. [The first attack]
Periy. izdaniye. [Moskva] Mosk. rabochi, 1965.
148 p.

MOSCOW—SALESMEN AND SALESMANSHIP

The "Majin" store. B. Natanson. Sov. iust. 39
no. 10:35-37 O '65.

MOSCOW—SCHOOLHOUSES—DESIGN AND CONSTRUCTION

Build modern schools for the capital. I. I. Kostel'. Gos.
khoz. Mosk. 39 no. 8:12-15 Ag '65.

MOSCOW—SHOOTING

There should be more of such "hepatitis." B. Alekseyev.
Voenn. zh. no. 9:38-39 S '65.

MOSCOW—STEEL INDUSTRY

Organizational experience with the contracting system of
a steel plant. G. V. Bychkovskiy. Sov. gos. prav. 15
no. 10:85-91 O '65.

MOSCOW—STUDENTS' SOCIETIES

The Society of Polish Students in Moscow University,
1955-1963. T. F. Fedosova. Uch. zap. Inst. slav. 29:
24-50 '65.

MOSCOW—TEACHERS' TRAINING OF

In the Moscow Municipal Institute for Raising the
Qualification of Teachers. I. U. Sh. Bronko, Shkola
i prosv. 6 no. 8:68-71 Ag '65.

MOSCOW—TELEPHONE

To work, anticipating problems of tomorrow. N. V.
Zakharova. Vest. sviat. 29 no. 8:13-15 Ag '65.

MOSCOW—TEXTILE INDUSTRY—EQUIPMENT AND SUPPLIES

Volunteer designers bureau of the "Izol'man" Iacon and
Cotton Mill Factory in Moscow. D. T. Pekov. Tekst.
prom. 29 no. 10:57-58 O '65.

MOSCOW—TRANSPORTATION, AUTOMOTIVE—MANAGEMENT

In the new conditions. V. Afanas'ev. Agitator 33 no. 20:
37-40 O '65.

MOSCOW—VETERINARY HYGIENE

State of veterinary hygiene in Moscow in the past (up
to the Great October Socialist Revolution). A. A.
Polishkov, S. S. Lapkina. Trudy VNIIVS 21:407-187
'64.

MOSCOW—WATER SUPPLY

Water for Moscow. V. S. Smolanch. Pribl. 54 no. 2:
123 F '65.

MOSCOW—WINDS

Study of gentle breezes over Moscow. O. V. Reshetova.
Trudy ISAO no. 68:39 '65.

MOSCOW ECONOMIC REGION—PEAT INDUSTRY

In the fuel industry section of the technical and economic
council of the Moscow Economic Council. N. Mozhu-
khin. Torf. prom. 43 no. 3:15-40 '65.

MOSCOW ECONOMIC REGION—SILK INDUSTRY

Wool and silk industry in the Moscow Economic Region
during 1965. I. S. Rudenko. Tekst. prom. 28 no. 10:
5-8 O '65.

MOSCOW ECONOMIC REGION—TEXTILE INDUSTRY

Initiative of the collective of the Yegor'yevsk Melange
Combine of the Moscow Economic Region. Tekst.
prom. 28 no. 10:87 O '65.

MOSCOW ECONOMIC REGION—WOOL INDUSTRY

Wool and silk industry in the Moscow Economic Region during 1965. I. S. Rudenko. Tekst.prom. 25 no. 10 1-8 O '65.

MOSCOW PROVINCE—ARBITRATION AND AWARD

Institution of proceedings on the initiative of the organs of the State Arbitration Agency. G. L. Rodchenko. Sov.gos. i pravo 35 no. 10 91-91 O '65.

MOSCOW PROVINCE—CARP

Cultivation of one-year and three-year old Ctenopharyngodon idella together with carp in Moscow Province. R. P. Bobrov. Trudy VNIPIKKh 13:41-45 '65.

MOSCOW PROVINCE—CONSTRUCTION INDUSTRY—MANAGEMENT

What work should be performed by the planners in administrative offices. E. Lunden. Eksp. stroi. no. 9 68-69 S '65.

MOSCOW PROVINCE—CTENOPIHARYNGODON

Cultivation of one-year and three-year old Ctenopharyngodon idella together with carp in Moscow Province. R. P. Bobrov. Trudy VNIPIKKh 13:41-45 '65.

MOSCOW PROVINCE—EVIDENCE, EXPERT

The role of establishments offering expertise in the prevention of violations of private rights. V. Fedoseeva. Sov. iust. 29 no. 19 8-9 O '65.

MOSCOW PROVINCE—INDUSTRIAL MANAGEMENT

Improve the art of production. Sov. profsoyuzy 21 no. 21-10-11 N '65.

MOSCOW PROVINCE—PERSONAL PROPERTY

The role of establishments offering expertise in the prevention of violations of private rights. V. Fedoseeva. Sov. iust. 29 no. 19 8-9 O '65.

MOSCOW PROVINCE—PRODUCE TRADE

Institution of proceedings on the initiative of the organs of the State Arbitration Agency. G. L. Rodchenko. Sov. gos. i pravo 33 no. 10 91-91 O '65.

MOSCOW PROVINCE—ROADS—SNOW PROTECTION AND REMOVAL

Winter maintenance of roads in the Road Administration Unit-128. A. F. Pimenov. Avt. dor. 28 no. 9 10 S '65.

MOSCOW PROVINCE—SANATORIUMS—EMPLOYEES

Who would want to leave? G. Zlobina. Sov. profsoyuzy 21 no. 20 32-33 O '65.

MOSCOW PROVINCE—TITMICE

Nesting of penduline tit in southern Moscow Province. M. N. Sotskaya. Ornitologiya no. 7 488 '65.

MOSCOW PROVINCE—VOCATIONAL EDUCATION

Pedagogical conferences of the workers of vocational and technical education of Moscow and Moscow Province. Prof. i tekhn. obs. 22 no. 10:14-15 O '65.

MOSCOW PROVINCE—YAMS

Diosgenin content in the rhizomes of some Dioscorea species introduced in the Moscow region. V. I. Kichenko, V. V. Panina. Rast. res. 1 no. 3 397-402 '65.

MOSCOW REGION—BIRDS—FOOD

Characteristics of the feeding habits of corvine birds in the Moscow region. A. A. Inozemtsev. Ornitologiya no. 7 309-317 '65.

MOSCOW REGION—CAMPS

Sports and health camps in Moscow region. E. S. Usachev. Fiz. i sport. kul't. 28 no. 8 48-49 Ag '65.

MOSCOW REGION—CHEESE

Effect of aromatic and taste imparting substances on the quality of "Podmoskovnyi" cheese. D. A. Granikov, A. M. Kostunina. Izv. vuz. uchub. zav., plach. tekhn. no. 9 98-100 '65.

MOSCOW REGION—CORVIDAE

Characteristics of the feeding habits of corvine birds in the Moscow region. A. A. Inozemtsev. Ornitologiya no. 7 309-317 '65.

MOSCOW REGION—PALEOBOTANY, STRATIGRAPHIC

Lithvin interglacial flora in the surrounding area of Moscow. V. N. Sukachev, V. T. Sokolovskaya. Dokl. AN SSSR 165 no. 1 104-107 N '65.

MOSCOW REGION—SPIDERS

Seasonal population dynamics of terrestrial spiders of the Moscow region. S. A. Beer. Nauch. dokl. vys. shkoly, biol. nauki no. 4 29-31 '65.

MOSKALEV, MIKHAIL ABRAMOVICH, 1902-1965

Mikhail Abramovich Moskalet; an obituary. Vop. ist. KPSS 9 no. 10 158 O '65.

MOSKVA VALLEY—SOILS—PHOSPHORUS CONTENT

Dynamics of nitrogen, phosphorus, and potassium in cultivated floodlands of the Moskva River. T. I. Rydkinova, I. T. Kuz'menko. Agroklimat. no. 8: 13-50 Ag '65.

MOSKVA VALLEY—SOILS—POTASSIUM CONTENT

Dynamics of nitrogen, phosphorus, and potassium in cultivated floodlands of the Moskva River. T. I. Rydkinova, I. T. Kuz'menko. Agroklimat. no. 8: 13-50 Ag '65.

MOSQUITOES

Dolmatova, A. V., and N. A. Demina. [Mosquitoes (Phlebotominae) and diseases transmitted by them] Moskity (Phlebotominae) i bolezni, peredavayemye imi. Moskva, Meditsina, 1965. 209 p. (Biblioteka prakticheskogo vracha) (DNLM)

MOSQUITOES—EXTERMINATION

(see also subdivision under Tyumen' Province)

Comparative testing of the larvicidal properties of trichlorometaphos-3, DDT, polychlorophene, dimethylchlorovinyl phosphate, and aewin on the larvae and pupae of the mosquito Aedes in natural bodies of water. V. I. Bukshynov. Trudy VNIIVS 21:51-54 '61.

Field tests of new repellents against mosquitoes in a hot climate. G. S. Pavlovskaya, A. K. Shadrin, N. A. Knyshovich. Trudy Astr. zap. no. 9 192-196 '61.

MOSSES—WATER REQUIREMENTS

Water balance of lichens and mosses in the tundra communities. Z. S. Igumnova, V. F. Shannin. Bot. zhur. 50 no. 5 702-709 My '65.

MOTHS see subdivision under Samarkand Province

MOTION

Character of the damping of perturbed motion in two special cases. G. I. Mel'nikov. Vest. LGU 20 no. 19 99-111 '65.

Effect of longitudinal motion on the transverse vibrations of a solid of revolution in an infinite fluid. V. S. Sabaneev, P. F. Tovstuk. Vest. LGU 20 no. 19:120-125 '65.

Optimal motion in a central field in case of a given time for power source operation. I. U. N. Ivanov, V. A. Vinokurov. Izv. AN SSSR. Mekh. no. 5 58-60 S-O '65.

Problem of the rolling of a solid body on a fixed surface. I. U. P. Bychkov. Inzh. zhur. 5 no. 5 804-811 '65.

MOTION OF FLUIDS IN PLANTS see Plants, Motion of fluids in

MOTION-PICTURE CAMERAS

New viewfinder system for motion-picture cameras. L. G. Gol'shteyn. Tekhn. kino i telev. 9 no. 10 35-37 O '65.

Remote control of "Lena" lenses in filming animated pictures. E. V. Kandrav, V. I. Sivkov. Tekhn. kino i telev. 9 no. 11 45-48 N '65.

MOTION-PICTURE CAMERAS—ATTACHMENTS

Attachment to the 165-2 "Kiev" motion-picture camera for semi-automatic control of the lens diaphragm. O. T. Gribenikov and others. Trudy IJIKI no. 11:35-38 '64.

Photomicrographic attachment for the high-speed SK5-1 motion-picture camera. S. M. Provoznov and others. Trudy IJIKI no. 11:20-23 '64.

MOTION-PICTURE CAMERAS—ELECTRIC DRIVING

Synchronous motor for the portable "Konvas Automat" motion-picture camera. E. Lethovich. Tekhn. kino i telev. 9 no. 11:73-74 N '65.

Use of hysteresis motors. L. I. Sazhin, E. I. Usyskhin. Tekhn. kino i telev. 9 no. 11 75 N '65.

MOTION-PICTURE FESTIVALS see subdivision under Moscow

MOTION-PICTURE PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

Analyzing the dynamics of the claw mechanism of 23K, T. K. film printing apparatus. D. I. Kenglsberg. Trudy IJIKI no. 11:65-66 '64.

[Photographic and motion-picture equipment] Ref. zhur.: Fotokhutekh. no. 10 O '65.

MOTION-PICTURE PHOTOGRAPHY—FILMS

Contact method for measuring the geometric parameters of 35 mm motion-picture films. A. K. Kutai, A. I. Gulyukin, V. S. Stepanov. Trudy IJIKI no. 11:45-52 '64.

Image on reversal films. E. A. Iofis. Tekhn. kino i telev. 9 no. 10 60-71 O '65.

New standards established by the Research Institute of Motion Pictures and Photography. L. D. Kuvichko. Standartizatsia 20 no. 9:54-55 '65.

MOTION-PICTURE PHOTOGRAPHY—SCIENTIFIC APPLICATIONS

Selection and processing conditions of photographic materials for image recording from luminous cat screens. G. A. Gavrilov, P. S. Gudozov, V. S. Hylov. Tekhn. kino i telev. 9 no. 11 40-44 N '65.

MOTION-PICTURE PHOTOGRAPHY—STUDY AND TEACHING

Provide for tight links between science, life and production. S. Z. Munda. Trudy IJIKI no. 11:3 O '61.

MOTION-PICTURE PLAYS

Izolev, V. V. [Art opens up new worlds; attention on literature, dramaturgy, motion pictures] Izhivost' o kinye i sluz'bo literature, dramaturgii, kino Moskva, Sovetskii plakat', 1965. 205 p.

MOTION-PICTURE PROJECTION

Framing of the picture image. N. I. Gal'tman, L. G. Tarasenko. Tekhn. kino i telev. 9 no. 11:1-12 N '65.

MOTION-PICTURE PROJECTORS

Balancing the flywheel-stabilization of the speed of film motion. A. M. Mel'nik-Stepin. Trudy IJIKI no. 11:26-27 '64.

Optical projection of the cone-shaped light beam path. M. V. Tsyvkin. Trudy IJIKI no. 11:53-61 '61.

Possible indices of the technical and economic efficiency of motion-picture projection with various light sources. T. V. Derzhina. Tekhn. kino i telev. 9 no. 10 60-62 O '65.

MOTION-PICTURE PROJECTIONS—PARTS

Approximate formulas of mechanical impedance and coefficients of protection in block speed stabilizers. A. V. Mikhnevich. Tekhn. kino i telev. 9 no. 11 20-31 N '65.

Speed stabilizer unit with asymmetric rigid arm. A. V. Solomonik. Trudy IJIKI no. 11:1-12 '64.

MOTION-PICTURE SCREENS

Analysis and calculation of image distortions in wide film projection on a cylindrical screen for the plane 14000 mm wide movie and concert hall in Leningrad. E. M. Khomutov, M. B. Baphtinava. Trudy IJIKI no. 11:61-101 '61.

MOTION-PICTURE STUDIOS—EQUIPMENT AND SUPPLIES

Composition of the light equipment of motion-picture studios. A. N. Tazarov, V. G. Tel'p. Tekhn. kino i telev. 9 no. 10 57-59 O '65.

Manually operated panoramic dolly. Tekhn. kino i telev. 9 no. 11:82-83 N '65.

Mechanized lower crane for work on settings. I. A. Chernitskii. Tekhn. kino i telev. 9 no. 11:70-73 N '65.

MOTION-PICTURE THEATERS—THESE AND FINES

PREVENTION see subdivision under Musical Theater

MOTION PICTURES

Tanacharskiy, A. V. [Tanacharskiy about motion pictures: fiction, screen, scripts and documents] Tanacharskiy o kino, stat'i, vykazyvaniya, skripty, dokumenty Moskva, Iskustvo, 1965. 366 p. (NIC)

Problems of the development of professional narrow film cinematography and cinematography. A. A. Anisimov. Tekhn. kino i telev. 9 no. 11:13-20 N '65.

MOTION PICTURES—ABSTRACTS

Abstracts. Tekhn. kino i telev. 9 no. 10:11-47 O '65.

Abstracts. Tekhn. kino i telev. 9 no. 11:83-88 N '61.

MOTION PICTURES—EQUIPMENT AND SUPPLIES

Graphoanalytical method for the design of film path through tooth sprockets. G. B. Pionovskiy. Tekhn. kino i telev. 9 no. 10:64-67 O '65.

MOTION PICTURES—PATENTS—BIBLIOGRAPHY see Bibliography—Motion pictures—Patents

MOTION PICTURES—SETTING AND SCENING

Plotting the two-dimensional plans of motion-picture settings for filming with cinematography. P. S. Gubok. Trudy IJIKI no. 11:85-92 '61.

MOTION PICTURES, AMATEUR see Amateur motion pictures

MOTION PICTURES, DOCUMENTARY

Thus the mysteries of the past are solved. V. M. Zhurav. Priroda 54 no. 2 110-113 F '65.

MOTION PICTURES, POLISH

The ashes of Cawelcin. A. Pin. Nov. vrem. 23 no. 6 68-69 O '65.

MOTION PICTURES, TALKING

Improving the quality of the sound in motion pictures. M. Z. Vysotskiy. Tekhn. kino i telev. 9 no. 11:21-28 N '65.

MOTION PICTURES FOR CHILDREN

You should know about it! IU. Znamenskiy, Nar. obr., no. 10:76-78 O '65.

MOTION PICTURES IN AGRICULTURE

Motion pictures on feeds. A. Chuzhoy, Agrotator 33 no. 10:51 My '65.

Purchasing agents are on the screen, K. Vinnik, Zakup, sel'khoz prod. no. 5-59 My '65.

MOTION PICTURES IN EDUCATION

(see also subdivision under Ukraine)

Discussing motion pictures, O. Baranov, Nar. obr., no. 10:66-69 O '65.

For creative cooperation between teachers and motion-picture producers, V. S. Lutsenko, II. S. Zhurikov, M. V. Zakharenko, Rad. shkol. 41 no. 6:62-63 Jc '65.

New educational motion pictures, L. Makh, Strel. spets. obr., 12 no. 9:51 S '65.

MOTION PICTURES IN SCIENCE

Classification of the types of scientific motion-picture photography and of the names of motion-picture cameras, I. I. Kryzhanovskiy, Izv. vuz. ucheb. zav., prib. 8 no. 5:158-160 '65.

MOTOR FUELS—ANTI-KNOCK AND ANTI-KNOCK MIXTURES

Characteristics of the combustion of fuels with cyclopentadienyl manganese tricarbonyl additives, M. O. Lerner, Khim. i tekhn. topl. i masel. 10 no. 10:13-46 O '65.

MOTOR SHIPS see subdivision under Caspian Sea region

MOTOR SLEDGES

Through the snow, I. I. Uvenal'ev, Voenn. znaniya, 11 no. 9:36-38 S '65.

MOTOR VEHICLE DRIVERS

Improve the training of specialists for mass professions, G. Efremov, Avi. transp., 13 no. 10:47-49 O '65.

MOTOR VEHICLES

Exchange of experience, Avi. transp., 43 no. 10:50-53 O '65.

MOTOR VEHICLES—BRAKES

Efficiency of engine exhaust braking of a motor vehicle, L. G. Gonchar and others, Avi. prom., 31 no. 6:4-8 Je '65.

MOTOR VEHICLES—COLD WEATHER OPERATION

Issavlo, G. S. [Starting motor-vehicle engines without preheating] Pusk avtomobil'nykh dvigatel'ov bez izmrozheno, Moskva, Transport, 1965, 101 p.

MOTOR VEHICLES—DESIGN AND CONSTRUCTION (see also subdivision under Russia, Northern)

Approximate evaluation of the indices of traction and speed properties and weight of designed motor vehicles with a given engine, V. P. Barannikov, Avi. prom., 31 no. 10:30-32 O '65.

MOTOR VEHICLES—DICTIONARIES

Malakhovskiy, I. A. E., and G. I. Gol'dberg, comps. [French-Russian motor-vehicle and tractor dictionary] Francuzsko-russkii avtomobil'nyi slovar', Red. S. D. Zhelezikov, Moskva, Sovetskaya Entsiklopediya, 1965, 459 p.

MOTOR VEHICLES—DYNAMICS

Program controlled stand for investigating unsteady motion conditions of motor vehicles, P. I. Tarasenko and others, Avi. prom., 31 no. 10:26-30 O '65.

Using characteristic curves in determining standing indices of motor vehicles, A. F. Nefedov, Avi. prom., 31 no. 6:17-23 Je '65.

MOTOR VEHICLES—ENGINES

Braking characteristics of carburetor engines, Refaat Shafik Gabrial, Avi. prom., 31 no. 6:9-10 Je '65.

Determining the maximum power of a motor-vehicle engine, B. B. Genbom, Avi. prom., 31 no. 10:15-17 O '65.

Effect of auxiliary carburetor devices on the starting of the ZIL-130 engine, I. P. Golushko, Avi. prom., 31 no. 6:1-3 Je '65.

Identifying characteristics of vehicle engines with a fluid cooling system, L. V. Nechaev, Izv. vuz. ucheb. zav., mashinost., no. 10:93-107 '65.

RPM-1 flowmeter, N. L. Salimov, I. P. Polkanov, Trudy Ufensk. sel'khoz. inst., 10 no. 2:58-71 '61.

Selecting heaters for liquid-cooled carburetor engines, A. N. Molotchev, Avi. prom., 31 no. 6:8-9 Je '65.

MOTOR VEHICLES—FRAMES

Welding frame longerons of the GAZ-69 and UAZ-450 motor vehicles, D. A. Surkov, Avi. prom., 31 no. 10:39-40 O '65.

MOTOR VEHICLES—IGNITION

Semiconductor ignition systems, M. Vasil'ev, Avi. transp., 13 no. 10:10-41 O '65.

MOTOR VEHICLES—MAINTENANCE AND REPAIR

(see also subdivision under Ivanovo, Kiev Province)

Dism-type washing machine, V. Vasil'kov, Avi. transp., 13 no. 10:27-29 O '65.

Kil'manik, I. V., and R. V. Khochenko, [Adjustment of the devices of systems and mechanisms of motor vehicles] Regulirovka priborov sistem i mekhanizmov avtomobilov, Kishinev, Karla moldovenaske, 1964, 108 p.

Maintenance and repair of automobiles, A. Kleyanskiy, Inform. bul. VDNKh, no. 3:13-14 Mr '65.

Methods for determining the periodicity of maintenance and the expediency of compulsory repair, U. S. Kuznetsov, Avi. prom., 31 no. 6:10-14 Je '65.

MOTOR VEHICLES—RELIABILITY

Promotion of the motor-vehicle reliability is an objective of national importance, G. Tsvik, N. Kornikov, Avi. transp., 43 no. 10:18-19 O '65.

MOTOR VEHICLES—SPRINGS AND SUSPENSION

Calculating hydro-pneumatic suspensions of a motor vehicle, V. I. Nachigin, Izv. vuz. ucheb. zav., mashinost., no. 8:131-110 '65.

Investigating resistance forces in the cylinder of an air-hydraulic suspension, L. I. Dobryshkin, I. B. Skinder, Avi. prom., 31 no. 6:26-30 Je '65.

Road testing of the diapragm-type pneumatic suspension of a motor vehicle, V. A. Galashin, Izv. vuz. ucheb. zav., mashinost., no. 8:126-133 '65.

MOTOR VEHICLES—TESTING

Zakin, I. A. Kh., and M. A. Pankin, [Operational testing of the rolling stock of automotive transportation] Ekspluatatsionnye ispytaniya podvzhnogo sostava avtomobil'nogo transporta. Pod obshch. red. I. A. Kh. Zakina, Moskva, Transport, 1965, 55 p.

MOTOR VEHICLES—WHEELS

Using wheels with widened rims and tapered fitting borders, V. Putin, Avi. transp., 43 no. 10:20-22 O '65.

MOTORBUS LINES see subdivision under Chelyabinsk

MOTORBUS TERMINALS

Main trends in the construction of bus stations, G. Golubev, Strel. i arkh. Mosk., no. 5:73-75 '65.

MOTORBUSES—MAINTENANCE AND REPAIR

Repairing the body bottom of the PAZ-652 motorbus, B. Losh, IV. Prusakov, Avi. transp., 43 no. 10:25 O '65.

MOTORS

Using torque motors in construction machinery, I. A. Sukhovskiy, Strel. i arkh. Mosk., no. 6:11-13 S '65.

MOTORTRUCKS

Moskovskiy avtomobil'nyi zavod, [ZIL-157 motor vehicle and its modifications; operating instructions] Avtomobil' ZIL-157 i ego modifikatsii, instruktsiya po ekspluatatsii, Moskva, Tsentr. biuro tekhn. informatsii, 1961, 275 p. (MVD)

Moskovskiy avtomobil'nyi zavod, [ZIL-164 motor vehicle and its modifications; operating instructions] Avtomobil' ZIL-164 i ego modifikatsii, instruktsiya po ekspluatatsii, Moskva, Mashgiz, 1961, 205 p. (MVD)

MOTORTRUCKS—MAINTENANCE AND REPAIR

Truck-mounted crane for the removal of truck bodies, A. Lipinikov, Tekhn. sel'khoz., 75 no. 6:85 Je '65.

MOTORTRUCKS—SPRINGS AND SUSPENSIONS

Technological possibilities for the improvement of the quality of motortruck springs, D. I. Bron, Avi. prom., 31 no. 6:34-37 Je '65.

MOUNTAIN ROADS—SAFETY MEASURES

Roadside planting for protecting mountain roads from landslides, M. N. Fisinin, Avi. doi., 28 no. 9:9-10 S '65.

MOUNTAIN ROADS—SNOW PROTECTION AND REMOVAL

Snow removal at the pass sections of mountain roads, A. N. Ivanov, Avi. doi., 28 no. 9:11 S '65.

MOUNTAINS see subdivision under Soviet Central Asia

MOUTH—SURGERY

Anesthesia in surgical interventions in the suprahoid area, N. D. Lesovaya, Probl. chel.-lits. khir., no. 1:17-20 '65.

Clinical aspects and treatment of submasseteric phlegmona, A. V. Kolodkin, Probl. chel.-lits. khir., no. 1:142-141 '65.

Evaluation of some suturing materials used in surgical stomatology, an experimental study, L. T. Pozniak, Probl. chel.-lits. khir., no. 1:73-79 '65.

Evaluation of the state of cardiac activity in stomatological patients in relation to surgery under local anesthesia, A. R. Skanben'uk, Probl. chel.-lits. khir., no. 1:21-25 '65.

Free skin grafting into a defect of the mucous membrane of the oral cavity, M. P. Barchukov, Probl. chel.-lits. khir., no. 1:47-50 '65.

MOVEMENT (PHYSIOLOGY)

Effect of the state of the segmental apparatus of the spinal cord on a simple motor reaction, V. S. Gufantel', E. I. Paltsev, Biotsikha 10 no. 5:853-860 '65.

Medium level of the asymmetry in the duration of a rhythm phases and the rate of information processing in the visual-motor system, A. A. Genkin, Biotsikha 10 no. 5:864-873 '65.

Standard elements of cyclic movement, G. N. Olovskiy, M. L. Shit', Biotsikha 10 no. 5:847-851 '65.

MOVEMENT DISORDERS

Stimulative surgical therapy of extrapyramidal hyperkinesia, A. L. Arutunov, O. A. Lapinogov, Vop. neirokhir., no. 1:1-5 '65.

MOVEMENTS OF ANIMALS see Animal locomotion

MOVING MACHINES

Mower with batch system of unloading, L. V. Pripeman, Trakt. i sel'khoz. mash., no. 8:36 Ag '65.

MROVELI, LEONTH

Legend of the "Afanasiev case" as a source material for Leonid Mroveli, G. S. Mamulin, Soob. AN Gruz. SSR 39 no. 1:247-219 Ji '65.

MUCOIDS

Indication of the diphenylamine reaction in healthy persons, A. L. Varshamov, Sov. med., 28 no. 1:123-125 Mi '65.

MUCORALES

(see also subdivision under Polesye)

Growth of Mucorales fungi on paraffin, V. K. Droshin, A. T. Perstovskaya, G. K. Skriabin, Mikrobiologiya 34 no. 5:883-887 S-O '65.

MUCOUS MEMBRANE

Free skin grafting into a defect of the mucous membrane of the oral cavity, M. P. Barchukov, Probl. chel.-lits. khir., no. 1:47-50 '65.

Tugolukov, V. N. [Modern methods of the functional diagnosis of the state of the gastric mucous membrane and their clinical significance] Sovremennyye metody funktsional'noi diagnostiki sostoyaniya shizhivotobochnoi zheludka i ikh klinicheskoe znachenie, [Leningrad] Meditsina, 1965, 210 p. (DNLM)

MUCUS

Seasonal variations in the secretion of gastric mucus in peptic ulcer, P. D. Babitsovich, Lek. vop. klin. i kraev. pat., no. 3:60-63 '63.

MUGODZHAR HILLS REGION—GAS, NATURAL GEOLOGY

Tectonics of the western part of the Mugodzhari Hills region and evaluation of the prospects for finding oil and gas in the subsalt Upper Paleozoic sediments, A. K. Zamarenov and others, Sov. geol., 8 no. 8:15-53 Ag '65.

MUGODZHAR HILLS REGION—PETROLEUM GEOLOGY

Tectonics of the western part of the Mugodzhari Hills region and evaluation of the prospects for finding oil and gas in the subsalt Upper Paleozoic sediments, A. K. Zamarenov and others, Sov. geol., 8 no. 8:45-53 Ag '65.

MUKACHEVO DISTRICT—COLLECTIVE FARMS

In the vanguard of the labor advance, D. Suprun, Komsom. Ukr., 10 no. 10:22-24 O '65.

MULBERRY

(see also subdivision under Tajikistan)

Seasonal changes in the amino acid composition of mulberry leaves, T. P. Akushkina, Nauch. dokl. vuz, shkoly, biol. nauk, no. 4:176-179 '65.

MULBERRY—VARIETIES see subdivision under Azerbaijan

MULBERRY BREEDING see subdivision under Uzbekistan

MULLER, VINCENTZ, 1894-1961

Muller, Vincenz, [I found my true Motherland; notes of a German general, Translated from the German] Ia nashel podlinnuyu Rodinu, zapiski nemetskogo generala, Pod red. Z. Steinfina, Moskva, Progress, 1964, 470 p. (CU)

NAPHTHALENE (Continued)

Calculation of the mixture of naphthalene and methoxyanthracene. N. D. Ruslanova and others. Izv. Akad. Nauk, no. 8 27-30 '65.

Problems in the operation of semiautomatic presses for naphthalene. N. D. Shumov. Koks i khim., no. 10 49-54 '65.

NAPHTHALENEDIOL

1-Vinyl-1,2,3,4-tetraol-1,6-diol and its condensation with 2-methyl-1,3-cyclohexanedione and 2-methyl-1,3-cyclopentanedione into esters derivatives. A. V. Zakhar'yev and others. Izv. AN SSSR, Ser. khim., no. 10, 1890-1891 '65.

NAPHTHALENESULFONIC ACID

Color reactions of sodium 1,2-naphthoquinone-4-sulfonate with drugs. M. P. Pavlovskiy. Farmatsy. zhur., 20 no. 129-33 '65.

NAPHTHALIC ACID

Production of 2,6-naphthalenedicarboxylic acid from naphthalene derivatives. IU. M. Tolstov, N. D. Ruslanova, P. I. Shashurin. Koks i khim., no. 8 33-37 '65.

NAPHTHENIC ACIDS

Different types of turbulence in highly elastic liquids. V. N. Mamin, G. V. Vinogradov. Koll. zhur., 27 no. 5 781-785 S-O '65.

NAPHTHOL

Interaction in the ternary system cinnamic acid- β -naphthol-lysoquinone. I. I. Il'asov, A. G. Palobekov, A. G. Beigman. Zhur. ob khim., 35 no. 8 1521-1523 S '65.

NAPHTHOQUINONE—EFFECT ON PLANTS see Plants, Effect of naphthoquinone on

NAPHTHOQUINONE—EFFECT ON SEEDS see Seeds, Effect of naphthoquinone on

NARROW-GAUGE RAILROADS see Railroads, Narrow-gauge

NATIONALITIES see subdivision under Middle Volga Economic region, Soviet Central Asia

NATURAL GAS see Gas, Natural

NATURAL HISTORY see subdivision under Astrakhan Preserve

NATURAL RESOURCES

(see also subdivision under Balkal Lake region; Transbaikalia; West Siberian Plain)

Tasks and work program of the new Selimilife Council. V. N. Sukachev. Vest. AN SSSR 35 no. 10, 55-57 O '65.

Urgent problems in the protection of nature. D. I. Shcherbakov. Vest. AN SSSR 35 no. 10:58-60 O '65.

NATURE STUDY

(see also subdivision under Chersky Range)

Organizing the work of the young naturalists. L. G. Sysoletina. Uch. zap. Chuv. gou. ped. inst., no. 10 150-160 '65.

Teach them to love nature and to see its beauty. T. Ershova, O. Tikhomirova. Doshk. vosp., 38 no. 7, 26-29 JI '65.

NATURE STUDY—AUDIO-VISUAL AIDS

Calendar of nature. S. Logunov, V. Chernavskaya. Doshk. vosp., 38 no. 8:20-24 S '65.

NAUTICAL ASTRONOMY

New possibilities of nautical computations based on horizontal angles determined by a sextant. M. N. Anshov. Trudy Kal. tekhn. inst. ryb. prom. i khoz., no. 18:231-237 '63.

NAVAL ARCHITECTURE

Determining deck deformations beyond the elastic limit. M. V. Nablianova. Trudy Kal. tekhn. inst. ryb. prom. i khoz., no. 18:67-70 '63.

Determining the optimal parameters of a filter for a triple-layer or throtiple panel. B. IA. Rozendont. Trudy Kal. tekhn. inst. ryb. prom. i khoz., no. 10:80-102 '63.

Korotkiy, I. A. [Problems of the strength of seagoing transport vessels] Voprosy prochnosti morskikh transportnykh sudov. Leningrad, Sudostroenie, 1965. 387 p.

Selecting a filter for triple-layer structures. B. IA. Rozendont. Trudy Kal. tekhn. inst. ryb. prom. i khoz., no. 10:77-80 '63.

NAVAL ARCHITECTURE—SPECIFICATIONS

Joint designing of fishing boats for the Atlantic Herring Expedition. A. I. Rakov. Trudy Kal. tekhn. inst. ryb. prom. i khoz., no. 18:59-66 '63.

NAVAL EDUCATION

Learn at sea with full exertion of forces. V. Ivanov. Komm. Voen. uzh. shi 48 no. 12:24-29 Je '65.

NAVAL MEDICINE see Medicine, Naval

NAVIES see subdivision 'Navy' under Russia

NAVIGATION

Kan, V. L., and A. S. Kel'zon [Theory of proportional navigation] Teoriya propotsional'nol navigatsii. Leningrad, Sudostroenie, 1965. 423 p.

Iushchenko, A. P., and M. M. Leskov. [Navigation] Navigatsiya. Moskva, Transport, 1965. 410 p.

NAVIGATION (AERONAUTICS)

Determining initial navigation parameters. A. Mifin. Av. i kosm., 18 no. 11:61-64 N '65.

Kan, V. L., and A. S. Kel'zon [Theory of proportional navigation] Teoriya propotsional'nol navigatsii. Leningrad, Sudostroenie, 1965. 423 p.

Solution of a problem of pursuit. V. I. Kan, A. S. Kel'zon. Izv. AN SSSR, Mekh., no. 5:17-65 S-O '65.

NAVIGATION (ASTRONAUTICS)

Kan, V. L., and A. S. Kel'zon [Theory of proportional navigation] Teoriya propotsional'nol navigatsii. Leningrad, Sudostroenie, 1965. 423 p.

NAZIS see subdivision under Germany, West

NEBULAE

Light scattering in a spherical nebula of large optical thickness. D. I. Nagibum. Uch. zap. LGU no. 32:60-71 '65.

NEBULAE—SPECTRA

Investigating the O III spectral system used in the calculation of recombination spectra of stars and nebulae. Pl. 2. A. A. Nikitin. Uch. zap. LGU no. 32:31-38 '65.

NECK—DISEASES

Clinical anatomical analysis of a case of discogenic cervical myelopathy with a pattern of myotrophic lateral sclerosis. V. V. Mikheev, D. R. Shit'fman, A. G. Gushchina. Trudy 1-go MMI 38 117-127 '65.

Clinical aspects of discogenic cervical myelopathy. D. R. Shit'fman, I. P. Kolomoitsva. Trudy 1-go MMI 38:67-116 '65.

Compressive factors in cervical osteochondrosis and the principles of clinical classification. I. M. Iger. Trudy 1-go MMI 38:41-68 '65.

Electromyographic examination in discogenic cervical myelopathy. M. V. Lukhanov. Trudy 1-go MMI 38:250-276 '65.

Involuntary functional changes of the cervical part of the spine in the X-ray picture. N. P. Pudova. Trudy 1-go MMI 38:221-231 '65.

Median and lateral cysts and fistulae of the neck. D. S. Zubov. Klin. khir., no. 2:73-74 '65.

Myelography in discogenic cervical myelopathy. IU. V. Rumyantsev, S. S. Shifrin. Trudy 1-go MMI 38:217-258 '65.

Osteonologic symptoms in cervical osteochondrosis. R. R. Golik. Trudy 1-go MMI 38:203-210 '65.

Results of surgical treatment of discogenic cervical myelopathy. I. M. Iger and others. Trudy 1-go MMI 38:316-341 '65.

Surgical treatment of cervical osteochondrosis. I. M. Iger. Trudy 1-go MMI 38:284-317 '65.

X-ray examination in cervical osteochondrosis. S. S. Shifrin. Trudy 1-go MMI 38:211-220 '65.

NECK—INNERVATION

Mechanism of the facilitation of the cardiovascular effects in the stimulation of the central caudal end of the cervical sympathetic nerve. O. A. B'khalova, I. I. Lebedinskaya, I. I. Iol. zhur., 51 no. 7:821-823 '65.

NECK—RADIOGRAPHY

Clinical and roentgenological correlations in discogenic cervical myelopathy. D. R. Shit'fman and others. Trudy 1-go MMI 38:235-245 '65.

Functions of the cervical part of the spine in healthy persons in the X-ray picture. M. A. Khadzhev. Trudy 1-go MMI 38:21-26 '65.

NECK—SURGERY

Methodology for surgical treatment of median dentoid cysts and fistulas of the neck. N. D. Levencho. Probl. che.-lit. khir., no. 1:202-204 '65.

NEFERTITE, Queen of Egypt, 14th cent. B. C.

Mat'ia, M. E. [In the time of Nefertite] Vo vremena Nefertiti. Leningrad, Iskustvo, 1965. 177 p. illus.

NETTYANYE KAMNI OIL FIELD—PETROLEUM PRODUCTION

Aliev, I. M., and others. [Experience in the exploitation of injection wells in the Nettyanye Kamni field] Opyt eksploatatsii nagnetatel'nykh skvazhin na mesteiskhodni Nettyanye Kamni. Baku, Azerneft, 1965. 83 p.

NEGOTIABLE INSTRUMENTS

Decrees of the Plenum of the Supreme Court of the U. S. S. R. Sov. iust. 20 no. 16 77-26 S '65.

NEIGHBORLIINESS see subdivision under Krasnodar Territory

NEKRASOV, NIKOLAI ALEKSEVICH, 1871-1877

On the identical trend of satire written by N. A. Nekrasov in the 1870's, based on materials of Nekrasov's poem "Contemporaries." M. V. Toplinskiy. Uch. zap. IUzh.-Sakh. gos. ped. inst., 1:175-214 '57.

Studying N. A. Nekrasov's poem "Who can be happy and free in Russia?" in schools. S. A. Chernavskiy. Uch. zap. GGPI no. 38:9-16 '61.

NELON VALLEY—JOINTS (GEOLOGY)

Nature of jointing in the limits of the Verkhoyskian crystalline zone (Nelon-Dzhan Dzhan Int. fluv.) V. S. Apionov. Uch. zap. NIIGA, Reg. geol., no. 3 95-100 '64.

NEMATODA

(see also subdivision under Astrakhan Preserve)

Appendicitis caused by pinworms. A. G. Gogutskidze. Sobch. AN Gruz. SSR 39 no. 1 199-206 JI '65.

Species of the genus Paracaularia Rao, 1951 (Nematoda, Spilostylidae) IU. V. Kuruchan, K. M. R. hiko. Izv. Astr. zap., no. 8 102-101 '61.

NEMATODE DISEASES OF PLANTS

Nematode garden pests. E. Svizdary. Zashch. rast. ot vred. i bol. 10 no. 7 49-50 '65.

NEMCHINOV, VASILII SERGEEVICH, 1801-1804

L. V. Kotorovich, V. S. Nemchikov, V. V. Nevzorikov, the Lenin Prize laureates of 1965. Eksp. i met. metod. 1 no. 3:463-465 My-Je '65.

NENETS NATIONAL AREA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Receiving an assignment A. Loev. Part. zh. L. n. 22:44-45 N '65.

NEODYMIUM COMPOUNDS—SPECTRA

Splitting of bands in the absorption spectra of neodymium and europium in the ligand field during complex formation. T. V. Tarnova, N. A. Kostomina. Zhur. neorg. khim., 10 no. 9:2023-2029 S '65.

NEPALI LANGUAGE—GRAMMAR

Korolev, N. I. [Nepali language] Iazyk Nepali. Moskva, Nauka, 1965. 151 p. (Iazyk narodov Azii i Afriki)

NEPETA

Nepeta transcassica Griseb., a promising aromatic plant. A. I. Makovkina. Rast. res., 1 no. 3 416-419 '65.

NEPHELOMETRY

Thermonephelometric method for quantitative determination of valloid and menthol in tablets. D. V. Iushchenko. Farmatsy. zhur., 20 no. 1:12-15 '65.

NEPTUNIUM—ANALYSIS

Study of certain organic reagents for pentavalent neptunium. E. G. Chudinov. Zhur. anal. khim., 20 no. 8:805-811 '65.

NERVES

Changes in the reticular Golgi apparatus of the intervertebral nerve ganglia in acute gastrointestinal infections. A. A. Kulikov. Sobch. nauch. iud. Tashkent 24:32-35 '62.

Characteristics of electric model of the nerve fiber under the conditions of a fixed potential. G. N. Berestovskiy. Biofizika 10 no. 3:801-804 '65.

Induction of RNA synthesis in the nerve cell by the electric activity. T. I. D'akovskaya and others. Biofizika 10 no. 5:925-931 '65.

Phospholipid composition of nervous system cells in the evolution aspect. E. M. Kropa. Ukr. biokhim. zhur., 37 no. 5:734-741 '65.

Shifts in the content and concentration of cytoplasmic ribonucleoproteins in functional changes in the neurons. IU. A. Golinman. Arkh. pat., 27 no. 10:70-78 '65.

NERVES—MATHEMATICAL MODELS

Modeling of information processing in a neuron. Part 1: Mathematical and physical process of impulse generation. I. A. Lubinskiy, N. V. Pozin. Avtom. i telem., 26 no. 10:1716-1756 O '65.

NERVES—TUMORS

Neurinoma of the right median nerve. B. I. Novikov. Trudy Vor. med. inst., 51:215-218 '63.

NERVES, SPINAL—DISEASES

Degenerative changes in the spine and radicular pain. V. N. Aref'eva. Trudy 1-go MMI 38:113-148 '65.

Noncontrast roentgenography in lumbosacral radiculitis. L. I. Baranova. Sobch. nauch. rab. vrach. nau.-kur. uch. profsoizov no. 1:40-48 '64.

NLRVES, SPINAL—DISEASES (Continued)

- Outpatient treatment of "acute lumbosacral radiculitis" by means of diadynamic currents and vitamin E₂. F. V. Zhuravlev, Sov. med., 28 no. 3 131-139 Mar '65.
- Results of using diadynamic currents in compound analgesic and health-resort treatment at the southern coast of the Crimea. E. I. Baidalov, Sbor. nauch. rab. vrach. san.-kur. uch. profsolvov no. 131-39 '64.
- Spinal anastomosis in osteoarthritis of the spine. I. P. Tolstomyslov, A. V. Makarova, Trudy 1-go MMI 38 176-196 '65.
- Surgery in idiogenic lumbosacral radiculitis. A. V. Sheval'ev, T. O. Randver, Vop. neirokhir. no. 5 52 '61.

NERVES, SPINAL—RADIOGRAPHY

- Noncontrast myelography in lumbosacral radiculitis. I. I. Dzhuravlev, Sbor. nauch. rab. vrach. san.-kur. uch. profsolvov no. 140-49 '64.

NERVOUS SYSTEM

- Abdominal aortic aneurysm. Kiyev. Institut fiziologii [Physiology and pathology of higher nervous activity] Fiziologiya i patologiya vysshego nervnogo deiatel'nosti Kiev, Zhurnal, 1965 221 p (DNLN)

- Bakuradze, A. N., A. I. Abesadze, and A. I. Sikharulidze. [Changes in the functional state of the alimentary center in starvation and satiation] Izmeneniya funktsional'nogo sostoyaniya pishchevogo tsentra pri golode i nasasyshchenii. Tbilisi, Metsnereba, 1965. 110 p.

- Central inhibition according to I. M. Sechenov's concepts and concepts and its current interpretation. I. C. Beritashvili, [Trudy] Inst. fiziol. AN Gruz. SSR 14 3-21 '67.

- Effect of reserpine and gendron on the incorporation of labeled amino acids into proteins of various parts of the central nervous system. M. G. Seifullina, Sbor. nauch. trud. TashGMI 22 325-329 '62.

- Effect of sensory stimulations on the "spontaneous" afferent activity recorded in the common nerve trunk in frogs. M. V. Khrzov, F. V. Kopytova, Biol. eksp. biol. i med. 60 no. 9 140-145 '65.

- Effect of the nervous system on the activity of cardiac glycosides. T. G. Sultanov, Sbor. nauch. trud. TashGMI 22 393-396 '62.

- Effect of work at a control panel on the functional state of the central nervous system in naval specialists. G. I. Oksengender, Voen.-med. zhur. no. 1 72-78 '65.

- Regeneration of peripheral nerve trunks following whole-body antileuk X-ray irradiation. N. A. Akhmedov, Uzb. biol. zhur. 9 no. 5 78 '65.

- Relation of the electrolytic properties of setum to the functional state of the central nervous system. R. B. Buijmenko, Nauch. trudy Rfz. med. inst. 11-290-298 '60.

- Sergeev, G. V. [Electro-sleep treatment of hypertension patients controlled by the examination of their higher nervous activity] Lechenie elektosomno bol'nykh gipertonicheskoi bolezn'yu pod kontrolom issledovaniya ikh vysshego nervnogo deiatel'nosti. Moskva, Meditsina, 1965. 226 p (DNLN)

NERVOUS SYSTEM—BIRDS

- Neurosecretory system in birds. A. A. Voitkevich, Arkh. anat., gist. i embri. 49 no. 7 3-20 Jul '65.

NERVOUS SYSTEM—DISEASES

- Brucellosis of the nervous system. V. V. Pishchugin, Trudy Vor. med. inst. 51:76-81 '63.

- Clinical aspects of hemiedema. M. P. Minakova, Trudy Vor. med. inst. 51:212-214 '63.

- Histopathology of the nervous system in rabbits exposed to the action of ionizing radiation associated with pain. T. B. Moiseyeva, M. A. Moiseyeva, O. Kh. Galst'yan, Zhur. eksp. i klin. med. 2 no. 6 243-249 '62.

- Neurodynamic disorders in patients in a late stage of a closed cerebral trauma. A. P. Bogatinskaya, Trudy Vor. med. inst. 51:248-250 '63.

- Neurologic disorders in acute hyperthermia. G. A. Akimov, S. P. Zverev, Voen.-med. zhur. no. 1 30-34 '65.

- Results of using neurotoxic serum (cerebrotoxin) in some organic diseases of the nervous system. V. V. Pishchugin, Trudy Vor. med. inst. 51:172-176 '63.

- Significance of immunological studies and some biochemical reactions in pediatric neuro-rheumatism. G. G. Shan'ko, Dokl. AN BSSR 9 no. 1 61-64 Jan '65.

- State of the permeability of the hematoencephalic barrier in some diseases of the nervous system, clinical examination using the "labeled atoms" method. E. N. Leksin, Trudy Vor. med. inst. 51:125-130 '63.

- Treatment of diseases of the locomotor apparatus and nervous system at Urguchan Health Resort. D. I. Zaitsev, Sbor. nauch. rab. vrach. san.-kur. uch. profsolvov no. 1 182-185 '61.

- Zhabotinskii, Iu. M. [Normal and pathological morphology of the neuron] Normal'naya i patologicheskaya morfoloziya neirona [Leningrad] Meditsina, 1965 322 p (DNLN)

NERVOUS SYSTEM—FISHES

- Cardiac conditioned reflexes in fish with removed cerebellum. V. L. Blanka, A. M. Vinnitskii, Dokl. AN SSSR 164 no. 6 1112-1115 Oct '65.

NERVOUS SYSTEM—SURGERY

- Indotracheal anesthesia in clinical neurosurgical practice. A. A. Vashantsev, V. I. Kladovskikh, Vop. neirokhir. no. 1 50-51 '65.

- New developments in the diagnosis of neurosurgical diseases. P. V. Lpshstein, Vop. neirokhir. no. 5 58-62 '64.

- Results of surgical treatment in parkinsonism. N. P. Buligina, Vop. neirokhir. no. 1 6-8 '67.

NERVOUS SYSTEM, AUTONOMIC

- Effect of Tricholisma incarnata and some of its alkaloids on the vegetative nervous system. N. Tullaganov, Sbor. nauch. trud. TashGMI 22 428-134 '62.

- Neurohumoral changes in diencephalic pathology. A. D. Lutsa, Fiziol. zhur. [Ukr.] 11 no. 1 185-189 Jul-Aug '65.

- Representation of afferent vegetative neurons in the spinal cord. I. A. Buligin, R. A. Iakimovich, Dokl. AN SSSR 164 no. 8 1465-1468 Aug '65.

- State of the vegetative nervous system in true rheumatic fever and infectious polyarthritis. O. K. Kuznetsova, Sbor. nauch. trud. TashGMI 22 60-65 '62.

- NERVOUS SYSTEM, AUTONOMIC—DISEASES
- Possibility of using hexonium by means of electrophoresis. D. N. Vaisfeld, R. O. Berezovskaya, L. L. Litmanova, Sbor. nauch. rab. vrach. san.-kur. uch. profsolvov no. 1 202-208 '64.

- Vegetative disorders in osteochondrosis of the spine. A. M. Veln, Trudy 1-go MMI 38:197-202 '65.

NERVOUS SYSTEM, SYMPATHETIC—TUMORS

- Sympathetic gangliocarcinoma of the posterior mediastinum. M. V. Finaevskii, Nauch. trudy Rfz. med. inst. 11-39-42 '60.

NERVOUS SYSTEM, VASOMOTOR

- Regulatory mechanism of the cerebral circulation. Report No. 3. Neural control of the cerebral arteries. G. I. Medvedevskii, [Trudy] Inst. fiziol. AN Gruz. SSR 11 115-167 '65.

- Vascular reflexes in the cat during abortion and their changes under the effect of bromine and caffeine therapy. R. I. Brodskii, Vopr. fiziol. no. 1 15-11 '65.

NESTEROV, PETR NIKOLAEVICH, 1887-1914

- Memoirs of Nestеров. Kryl. rod. 16 no. 6 6 Je '65.

NEURALGIA

- Butte-Misson's vegetative neuralgia. S. S. Shatimianov, Zhur. eksp. i klin. med. 2 no. 5 7-16 '62.

NEURALGIA, TRIGEMINAL

- Compound treatment of neuralgia of the trigeminal nerve by conservative methods. S. N. Antonova, Probl. khel.-lit. khir. no. 1 78-180 '65.

- Use of lydase in the treatment of neuralgia of the trigeminal nerve with alcoholization. V. I. Vasilenko, Probl. khel.-lit. khir. no. 1 181-183 '65.

NEURASTHENIA

- Deicum's syndrome. I. P. Smirnov, Sov. med. 28 no. 3 108-110 Mar '65.

- Use of the proof method of examination of the higher nervous activity for the evaluation of the effectiveness of sanatorium treatment of neurasthenics. Preliminary report. G. A. Ganitskaya, Sbor. nauch. rab. vrach. san.-kur. uch. profsolvov no. 1 25-28 '64.

NEURITIS

- Surgery in diskogenic lumbosacral radiculitis. A. V. Sheval'ev, T. O. Randver, Vop. neirokhir. no. 5 52 '64.

NEUROCHEMISTRY

- Neurosecretory system in birds. A. A. Voitkevich, Arkh. anat., gist. i embri. 49 no. 7 3-20 Jul '65.

NEUROENDOCRINOLOGY

- Neurohumoral factors in the blood of patients with chronic circulatory insufficiency. I. I. Detsik, Kardiolozh. no. 3 58-61 '65.

NEUROFIBROMA

- Neurinoma in a perch. E. A. Finkel'shtein, L. K. Danchenko-Ryzhkova, Arkh. pat. 27 no. 10 81-84 '65.

NEUROGLIA

- Glia origin of slow negative potentials of the surface of the cortex. A. I. Rothak, [Trudy] Inst. fiziol. AN Gruz. SSR 11 67-87 '65.

- Histopathology of neuroglia in schizophrenia with the periodic type of treatment. Report No. 1. L. I. Sukhorukova, Zhur. nevro. i psikh. 65 no. 10 1554-1560 '65.

- Some data on the structural organization of microglia. V. I. Mikladze, I. I. Dziamov, [Trudy] Inst. fiziol. AN Gruz. SSR 11 181-198 '65.

NEUROLOGY

- Neurological complications in tuberculous spondylitis. N. G. Nicheeva, Trudy 1-go MMI 38 117-147 '65.

- Neurological complications of craniovertebral anomalies. L. V. Panamov, I. P. Kolomoitseva, Trudy 1-go MMI 38 363-376 '65.

- Neurological symptomatology of infectious thrombosis of the cavernous sinus. F. A. Monchak, Trudy Vor. med. inst. 51:82-85 '63.

- Twelve years' experience of using psychotherapy in the Tshet of May Neurological Sanatorium. M. D. Tantsura, Sbor. nauch. rab. vrach. san.-kur. uch. profsolvov no. 1 18-24 '64.

NEUROSES

- Present state of the theory on neuroses, a review of the literature. K. F. Knnareikin, Voen.-med. zhur. no. 1 17-21 '65.

NEUTRINOS

- The difference between ν_e and $\bar{\nu}_e$. V. V. Ushakov, Pis'ma v red. Zhur. eksp. i teor. fiz. 2 no. 4 182-185 Aug '65.

- Neutrino absorption at superhigh temperatures. Iu. T. Vaitanin, Astr. fizika 1 no. 2 183-192 Je '65.

- The "shadow universe" and the neutrino experience. L. B. Olum, I. A. Pomeranchuk, Pis'ma v red. Zhur. eksp. i teor. fiz. 1 no. 6 28-33 Je '65.

NEUTRON BEAMS

- Penetration of polarized neutrons through a superconductor in the mixed state. Iu. G. Mamladze, G. A. Khuradze, O. D. Chelshvili, Zhur. eksp. i teor. fiz. 49 no. 3 925-929 S '65.

NEUTRONS

- Calculating the neutron production by μ -mesons for various depths in the soil. G. T. Zakhapin, O. G. Hachskina, Izv. AN SSSR, Ser. fiz. 29 no. 10 1916-1946 O '65.

NEUTRONS—CAPTURE

- Study of factors affecting the neutron reaction method of determining lithium and boron in products of ore dressing. I. N. Plakshin and others, Tsvet. met. 38 no. 6 18-32 Je '65.

NEUTRONS—EFFECT ON PLANTS see Plants, Effect of neutrons on

NEUTRONS—INDUSTRIAL APPLICATIONS

- Determining the moisture content in materials and structural elements by the neutron method. N. L. Ryabin, Stroi. i tekhn. Len. 27 no. 6 31-32 Aug '65.

NEUTRONS—MEASUREMENT

- Measurement of albedo neutrons and some experimental results. V. D. Sokolov, Izv. AN SSSR, Ser. fiz. 23 no. 10 1913-1915 O '65.

- Some results of neutron measurement in the atmosphere. Iu. E. Litimov and others, Izv. AN SSSR, Ser. fiz. 29 no. 10 1942-1945 O '65.

NEVA RIVER ESTUARY—SEA LEVEL

- Calculation of nonperiodic fluctuations of the level of the mouth of the Neva River. N. A. Lazarevskii, Trudy TSIP no. 142:81-85 '65.

NEW GUINEA—DESCRIPTION AND TRAVEL

- In the land of the birds of paradise. Bernhard Grzimek, Priroda 54 no. 10:77-85 '65.

NEW STARS see Stars, New

NEWCASTLE DISEASE

- Mechanism suppressing protein synthesis in cells infected by the Newcastle disease virus. M. K. Kukhanova, N. V. Kaverin, Dokl. AN SSSR 164 no. 6 1117-1120 O '65.

NEWSPAPERS

- It is necessary to discuss! S. M. Gurvich, Poligrafia no. 8 38-40 Aug '64.

- It is necessary to get the help of provincial departments of printing. D. Legkodukh, Poligrafia no. 8 10 Aug '64.

NEWSPAPERS—SECTIONS, COLUMNS, ETC.

- Sketch in a newspaper. I. A. Fomenko, Part. zhizn' no. 2 75-77 N '65.

NEWSPRINT

- More grade A newsprint. I. P. Vinokurov, Poligrafia no. 8 11-13 Aug '64.

- Use of semiblanched sulfate pulp in the composition of newsprint. G. L. Akim, V. M. Nikitin, V. V. Girduk, Bum. prom. no. 8 6-7 Aug '65.

NICHROME—TESTING

- Investigating the technological conditions for the preparation of nichrome powder and its properties. Z. V. Solov'eva and others, Sbor. trud. TSNIICIM no. 43:98-108 '65.

NICKEL—ANALYSIS

Gravimetric determination of nickel. T. I. Puta. Zhur., anal. khim. 20 no. 8:821-826 '65.

NICKEL—HARDENING

Increasing the resistance of heat resistance in nickel by high temperature thermomechanical treatment. M. G. Lozinskiy, N. Z. Perlovskiy. Izv. AN SSSR, Met. no. 5:164-169 S-O '65.

NICKEL—INCLUSIONS

Exclusion of nickel rods hardened by disperse oxide inclusions. G. M. Karpman, II. V. Managin, Shor, trud. TSNICIM no. 13:131-134 '65.

Investigating the effect of disperse oxide inclusions on the properties of nickel. B. A. Borok, G. M. Karpman, Shor, trud. TSNICIM no. 13:110-130 '65.

NICKEL—MAGNETIC PROPERTIES

Relation between the Barkhausen effect and the amount of remanent magnetization in nickel. V. M. Rudnik, Dokl. AN SSSR 161 no. 4:782-784 O '65.

NICKEL—THERMAL PROPERTIES

Increasing the resistance of heat resistance in nickel by high temperature thermomechanical treatment. M. G. Lozinskiy, N. Z. Perlovskiy. Izv. AN SSSR, Met. no. 5:164-169 S-O '65.

NICKEL ALLOYS—HARDENING

Quenching excess vacancies in alloys deformed and subjected to thermomechanical treatment. A. D. Korotnev, N. A. Koneva, R. M. Tukhatulin. Izv. AN SSSR, Met. no. 5:180-186 S-O '65.

NICKEL-ALUMINUM ALLOYS

Effect of the conditions of genesis of a Ni-Al alloy on the electrochemical activity of hydrogen diffusion electrodes. T. Kablev and others. Elektrokhimia 1 no. 7:668-671 J1 '65.

NICKEL CATALYSTS

Electronic state of catalysts in adsorption and catalysis. Part 3: Mechanism of hydrogenation of carbon dioxide on a nickel catalyst. G. M. Kozub, M. T. Ruziv, V. M. Vlasenko. Kin. i kat. 6 no. 3:556-558 My-Je '65.

NICKEL CHLORIDES—PHYSIOLOGICAL EFFECT

Effect of $NiCl_2$ on electric and mechanical activity of the myocardium of a frog. F. B. Babitskiy, E. A. Donnikikh, Dokl. AN SSSR 164 no. 5:1107-1200 O '65.

NICKEL-CHROMIUM ALLOYS—ELECTROMETALLURGY

Effect of holding liquid metal in vacuum on the properties of a chromium-nickel alloy. S. D. Gagin, Lit. proizv. no. 9:5-9 S '64.

NICKEL-COPPER ALLOYS see Copper-nickel alloys

NICKEL-IRON ALLOYS see Iron-nickel alloys

NICKEL PLATING

Measurement of the Volta potential difference of electrodeposited nickel as depending on its structure. G. A. Golikov, A. V. Leonov. Elektrokhimia 1 no. 9:1113-1114 S '65.

NICKEL SILICATES

Study of the mean heat capacities of zinc and nickel orthosilicates at high temperatures. A. M. Egorov, M. N. Smirnov, Zhur., fiz. khim. 39 no. 9:2131-2135 S '65.

NICKETHAMIDE

Microcrystallographic reactions to cordamine and phenatine and their utilization in the study of medicinal mixtures. V. T. Pozdnyakova, A. M. Novykevych, Farmats. zhur. 20 no. 1:33-38 '65.

NICOTINAMIDE

Enzymatic transformations of nicotinamide dehydrogenase in extracts of normal skeletal muscles and in their denervation. V. I. Telegova, I. V. Taneva, Vop. med. khim. 11 no. 2:36-41 Mi-Ap '65.

Microcrystallographic reactions to cordamine and phenatine and their utilization in the study of medicinal mixtures. V. T. Pozdnyakova, A. M. Novykevych, Farmats. zhur. 20 no. 1:33-38 '65.

NEMMEYER SOARES, OSCAR, 1907-

Oscar Nemeyer, N. Kolomiets, Stroil, iarkh. 11 no. 7:37-38 J1 '63.

NIGERIA—ECONOMIC CONDITIONS

Nigeria is five years old. K. Golbandov, Az. i Afr. seg. 9 no. 10:76-27 O '65.

NILIN, PAVEL F.

Debate with tradition. V. Gektoko, Vop. lit. 0 no. 10:230-239 O '65.

NIOBIUM

Extraction separation of niobium from zirconium, tungsten, uranium, and iron by ammonium pyrolidone-dithiocarbamate. I. M. Gibalo, I. P. Almarin, P. Davadzh. Vest. Mosk. un. Ser. 2: Khim. 20 no. 4:73-75 J1-Ag '65.

NIOBIUM—ELECTRIC PROPERTIES

Effect of hydrogen on the electric resistance of niobium. V. M. Mletnev. Izv. vuz. ucheb. zav. i tov. met. 8 no. 5:113-116 '65.

NIOBIUM ALLOYS—TESTING

Hardness of alloys in the ternary systems Nb - W - Zr and Nb - Mo - Zr at 1600°. E. M. Savitskiy, A. M. Zakharov. Izv. vuz. ucheb. zav. i tov. met. 8 no. 5:117-121 '65.

Studying the mechanical properties of alloys in the system Nb - W - Mo - Zr. E. M. Savitskiy, A. M. Zakharov, Metalloved. i term. obr. met. no. 3:8-16 Mr '65.

NIOBIUM CHLORIDES

Spectral analysis of niobium chloride and technical niobium hydroxide by the condensed spark method. V. I. Bokova, G. V. Gorina. Zav. lab. 31 no. 9:1090 '65.

NISHCHYNS'KYI, PETRO IVANOVYCH, 1832-1898

Eoychenko, Valerian, P. I. Nishchyn'skiy. Vyd. 2., perer. 1 dop. Kyiv, Mystetstvo, 1955. 35 p. (Klavysky muzyky) (CaOTU)

NITRAGEN

Conference on the Symbiotic Fixation of Atmospheric Nitrogen and Practical Application of Nitrogen in Agriculture. A. N. Naumova, I. M. Kukun. Mikrobiologiya 34 no. 5:937-940 S-O '65.

NITRARIA

Origin of the flora of Old World deserts in connection with the survey of the genus Nitaria L. F. G. Bobrov. Bot. zhur. 50 no. 8:1053-1057 Ag '65.

NITRATE OF SILVER see Silver nitrate

NITRIC ACID

Extraction of scandium nitrate by tributyl phosphate. A. P. Samodolov. Zhur. neorg. khim. 10 no. 9:2180-2183 S '65.

Mechanism of interaction between nitric acid and some organic materials. B. I. Borisov, Zhur. prikl. khim. 38 no. 6:1321-1326 Je '65.

Polarography of nitric acid esters. Mechanism of electroreduction. M. S. Ruzakova, I. A. Tur'ian, B. F. Ustavachikov. Elektrokhimia 1 no. 7:654-657 J1 '65.

Separation of mixtures of acetic and nitric acids. A. F. Erolov, M. A. Logunova, B. F. Ustavachikov. Zhur. prikl. khim. 38 no. 6:1386-1389 Je '65.

NITRIC ACID—TRANSPORTATION

A pump for the transfer of nitric acid. N. N. Reukunova. Bezop. truda v prom. 9 no. 9:52 Ag '65.

NITRILES

Reducing metalation of carbonyl compounds. Part 3: Interaction of dimetallic benzophenone derivatives with acid nitriles. B. V. Ioffe. Zhur. ob. khim. 35 no. 10:1851-1855 O '65.

NITRITES

Some properties of saturated solutions in the system $HbNO_2 \rightleftharpoons Cu(NO_2)_2 \rightleftharpoons H_2O$ at 25°C. P. I. Prolsenko, B. S. Medvedev. Zhur. fiz. khim. 39 no. 9:2304-2306 S '65.

NITRO COMPOUNDS

Interaction of nitro compounds with some iodides. A. H. Trenov. Zhur. ob. khim. 35 no. 9:1545-1549 O '65.

Kinetics of the reaction between dithiocyanates and nitro-substituted polyols. N. I. Solodova, L. M. Kozlov, V. I. Burdakov. Vysokom. sood. 7 no. 9:1650-1651 S '65.

Reactivity of nitroperfluoroalkyl nitriles and products of their transformation. Part 1: Reaction of nitroperfluoroalkyl nitriles with hydrogen sulfide. A. V. Fokina and others. Zhur. ob. khim. 35 no. 9:1684-1688 S '65.

Reactivity of nitroperfluoroalkyl nitriles and products of their transformation. Part 2: Reaction of nitroperfluoroalkyl nitriles with mercaptans. A. V. Fokina and others. Zhur. ob. khim. 35 no. 9:1684-1688 S '65.

Studying the nitro derivatives of polystyrene alkyls as ingredients of rubber compounds. I. I. Nitkolskaya and others. Kaucuk. i rez. 24 no. 8:56-58 '65.

NITROGEN

Addition of molecular nitrogen to perchlorohydrocarbons subjected to ionizing radiation. I. V. Vereshchinskii, A. T. Podkhaludn. Dokl. AN SSSR 165 no. 1:107-109 N '65.

Effect of various herbicides on the protein nitrogen content in the grain of field crops cultivated on Chernozem and turf-Podzolic soils. V. A. Ailuvshchikov, Nauch. dokl. vuz. shkoly; biol. nauk no. 4:163-166 '65.

NITROGEN—ANALYSIS

Microdetermination of α -amino nitrogen in amino acids, polypeptides, and proteins by means of gas chromatography. B. G. Bolan'skiy, V. A. Orestova. Biokhimiya 30 no. 5:1021-1026 S-O '65.

NITROGEN—EFFECT ON PLANTS see Plants, Effect of nitrogen on

NITROGEN—FIXATION

Chemical fixation of molecular nitrogen by aqueous solutions of transition metal compounds. K. B. Ipatovskiy, V. K. Pavlov. Dokl. AN SSSR 165 no. 1:140-142 N '65.

Conference on the Symbiotic Fixation of Atmospheric Nitrogen and Practical Application of Nitrogen in Agriculture. A. N. Naumova, I. M. Kukun. Mikrobiologiya 34 no. 5:937-940 S-O '65.

Mechanism of nitrogen fixation in the reacting system $(C_2H_5)_2TiCl_2 - C_2H_5MgBr$. G. N. Neshchinskii and others. Dokl. AN SSSR 161 no. 5:1062-1064 O '65.

Specificity of the effect of "extracellular factor" on the atmospheric nitrogen fixation by Azotobacter. N. A. Sudarik. Mikrobiologiya 31 no. 5:768-772 S-O '65.

NITROGEN COMPOUNDS

Accumulation of nucleic and other forms of phosphorus, total and protein nitrogen in maturing lupine seeds. A. S. Vecher, I. V. Matoshko. Biokhimiya 30 no. 5:949-946 S-O '65.

NITROGEN FERTILIZERS

Effect of rates and dates of the placement of nitrogen fertilizers on the yield and baking quality of the grain of winter wheat. S. A. Verbitskiy, N. I. Melnikov. Agrokhimiya 10:3-12 O '65.

Forms of nitrogen in turf-Podzolic soils, its dynamics, and the effectiveness of nitrogen fertilizers for potatoes and corn. N. A. Voinatovich. Agrokhimiya 10:18-24 O '65.

NITROGEN FIXING MICRO-ORGANISMS see Micro-organisms, Nitrogen fixing

NITROGEN IN THE BODY

Characteristics of the forms of nitrogen in the blood and lymph serum of Romanov sheep. A. M. Sudarik. Dokl. Akad. sel'skhoz. nauk no. 8:37-39 S '65.

NITROGEN METABOLISM

Changes in nitrogen metabolism of corn plants at a lowered suboptimal temperature in the root zone. S. S. Andreev, P. D. Shirshova, Nauch. dokl. vuz. shkoly. biol. nauk no. 4:170-175 '65.

Characteristics of nitrogen metabolism in the genetic tissues of some cotton varieties differing in their ripening time. V. F. Gerasimova. Mol. rast. 12 no. 3:153-156 My-Je '65.

Characteristics of the nitrogen metabolism in irrigated corn. T. A. Palladina, P. F. Zhabitskiy. Agrokhimiya 10:18-24 O '65.

Effect of mineral fertilizers on nitrogen metabolism in grapevines under dry farming. R. M. Mekhtiev, I. A. Aliev. Izv. AN Azerb. SSR, Ser. biol. nauk no. 3:16-23 '65.

NITROGEN ORGANIC COMPOUNDS see Organic nitrogen compounds

NITROGEN OXIDES

Absorption of nitrogen oxides from nitric acid solutions of intermediate concentration. M. M. Karavayev, I. P. Kirillov, G. A. Skvortsov. Izv. vuz. ucheb. zav. i tov. met. 8 no. 3:155-159 '65.

Mechanism of termination of kinetic oxidation chains by means of radical stabilizers. M. S. Khoplatnikova and others. Kin. i kat. 6 no. 3:304-308 My-Je '65.

NITROGEN OXIDES—TOXICOLOGY

Testing nitrogen peroxide for disinfecting raw hides contaminated with the spores of Bacillus anthracis. A. A. Polnikov and others. Trudy VNIIVS 24:31-37 '64.

NITRONE

1,3-Bipolar addition to unsaturated compounds. Part 12: Addition of benzonitrile N-oxide and α -N-diphenylnitrone to alkyl thiocyanates and their analogs. S. I. Nishchenko, V. N. Chistokolev, A. A. Petrov. Zhur. ob. khim. 35 no. 10:1735-1739 O '65.

NITROSO COMPOUNDS

α -Nitrosobenzotrifluorobutylate acid. I. U. Chelbarkov, N. Mukhamadiev, I. L. Krasnitsa. Dokl. AN SSSR 165 no. 1:127-129 N '65.

Substitution of nitroso group in perfluoronitroso alkanes. B. L. Dvorkin, A. A. Gevorgian, I. L. Krasnitsa. Izv. AN SSSR, Ser. khim. no. 10:1873-1875 '65.

NITROUS ACID—PHYSIOLOGICAL EFFECT

Effect of carotene and mungins on nucleic acids. Report No. 1: Effect of nitrous acid on the macromolecular structure of the DNA from the rat liver. V. P. Kuznetsov, I. A. Khodosova. TSitologiya 7 no. 3:310-316 My-Je '65.

Induction of h-mutations of the phage T2 by nitrous acid and hydroxylamine. D. M. Gol'dfarb and others. Genetika no. 2:3-12 Ag '65.

Induction of mutations by ultraviolet irradiations and nitrous acid in the extracellular phage P174. T. P. Chernik, A. S. Krivitskiy. Genetika no. 2:39-40 Ag '65.

1094

NORTHERN HEMISPHERE—METEOROLOGY

Conjunction of the atmospheric processes and the circulation of masses of circulation. F. V. Vorob'eva, L. R. Sotnikin. *Izudy GGO* no. 181 75-76 '65.

Relation of the intensity of zonal transport over the Arctic region to the characteristics of surface pressure. L. R. Sotnikin. *Izudy GGO* no. 181, 80-83 '65.

NORTHERN HEMISPHERE—SUMMER

Atmospheric summer, survey of summer weather in the northern hemisphere. F. F. Tikhonova, T. V. Sidorchenko. *Priroda* 51 no. 10, 126-128 '65.

NORTHEAST PASSAGE

Economic and technical problems of the Northern Sea Route. B. I. Shapoval. *Probl. Sev.* no. 9 277-286 '65.

NORWAY—POLITICS AND GOVERNMENT

Thine Grubhaugen (historical facts). V. B. Chukov. *Novy svet* 23 no. 16:23-24 N '65.

A natural result. G. Kostantimov. *Mezhdunar. zhurn.* 12 no. 11 117-118 N '65.

NORWEGIAN SEA—OCEAN TEMPERATURE

Variability of temperature and salinity in the Norwegian Sea. N. B. Mestralova. *Izudy GGO* no. 81:213-251 '65.

NORWEGIAN SEA—SALINITY

Variability of temperature and salinity in the Norwegian Sea. N. B. Mestralova. *Izudy GGO* no. 81:243-251 '65.

NOSE—DISEASES

Controlling infectious atrophic rhinitis of swine. V. V. Tikhonova. *Veterinaria* 42 no. 10 34-35 O '65.

Effectiveness of drugs in infectious atrophic rhinitis of swine. I. S. Egozhin, I. K. Shegida, I. V. Vlodskii. *Veterinaria* 42 no. 10 36-38 O '65.

NOSE—SURGERY

Rhinoplasty in herd bulls. G. N. Fomenko. *Veterinaria* 42 no. 10:60-62 O '65.

NOSE, ACCESSORY SINUSES OF

State of the accessory sinuses of the nose in congenital hardlip and cleft palate. I. A. Derebailuk. *Probl. chel.-lit.-khir.* no. 1, 83-85 '65.

NOTARIES

Notarial practice. *Sov. iust.* 29 no. 10:32 O '65.

NOTOLIPS see subdivision under Antarctic regions

NOVIKOV, VIKTOR

He is called a beacon. S. Glatinson. *Kyrl. red.* 16 no. 6:19 Je '65.

NOVOBIOCIN

Characteristics of the lysogenic culture of *Actinomyces* spheroides strain 35 producing novobiocin and its temperature at thermophages. I. A. Rautenshtein and others. *Mikrobiologiya* 34 no. 5, 828-834 S-O '65.

NOVOCAINE

Course of alcoholic neuritis of the sciatic nerve under the influence of a paraneoplastic novocaine block, an experimental morphological study. Z. A. Skudnitskaya. *Akhil. pri.* 27 no. 10:73-75 '65.

Rheumatography for the evaluation of a lumbar novocaine block applied with A. V. Vlashevskii's method in endorhizal cholelithiasis. V. M. Novikov. *Klin. khir.* no. 2, 11-13 '65.

Treatment of cardialgia with novocaine electrophoresis on the cardiac region. D. D. Tuberovskii. *Sb. nauch. iab. v. a. ch. san.-kur.-uch. prof. soluzov.* no. 1 155-159 '64.

NOVOCHERKASSK—ELECTRIC LOCOMOTIVES

Introducing the economically profitable into production. I. U. Gusev, V. Romanov. *Plan. khoz.* 42 no. 11:79-80 N '65.

NOVOIMANIN

Effect of immanin and novolmanin on the regeneration of soft tissues in experiment. P. S. Volosovets. *Mikrobiol. zhurn.* 27 no. 5:71-77 '65.

Immanin and novolmanin: resistant variants of *Staphylococcus aureus* 200 and their endogenic reproduction. N. I. Pochobzhenskaya. *Mikrobiol. zhurn.* 26 no. 4:11-15 '64.

NOVOKUZNETSK—PILING (CIVIL ENGINEERING)

Use of foundations with friction piles in the construction of the West Siberian Metallurgical Plant. A. A. Bon'. *Osn., fund., i mekh. grun.* 7 no. 5:27-28 '65.

NOVOKUZNETSK—RAILROADS—EMPLOYEES

When a Communist displays initiative. S. Kilm. *Part. zhurn.* no. 22:53-55 N '65.

NOVOLAZAREVSKAYA STATION, ANTARCTICA—FLOODS

Flood at Novolazarevskaya Station. V. G. Avon'yanov. *Inform. blud. Sov. antark. eksp.* no. 52:73-74 '65.

NOVOLAZAREVSKAYA STATION, ANTARCTICA—GEOGRAPHICAL RESEARCH

Some results of the work of Novolazarevskaya Station in 1963. V. G. Avon'yanov. *Inform. blud. Sov. antark. eksp.* no. 52:23-27 '65.

NOVONIKOLAYEVSK GOVERNMENT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Chaplik, V. E. [The Novonikolayevsk Government party organization in the struggle for economic reconstruction and development, 1920-1925] *Novonikolayevskaya gubernskaya partorganizatsiya v bor'bu za vosstanovlenie i razvitiye narodnogo khozyaystva (1920-1925 gg.)* Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1961 97 p. (Iz istorii Novosibirskoi partinnoi organizatsii)

NOVONIKOLAYEVSK GOVERNMENT—RECONSTRUCTION

Chaplik, V. E. [The Novonikolayevsk Government party organization in the struggle for economic reconstruction and development, 1920-1925] *Novonikolayevskaya gubernskaya partorganizatsiya v bor'bu za vosstanovlenie i razvitiye narodnogo khozyaystva (1920-1925 gg.)* Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1961 97 p. (Iz istorii Novosibirskoi partinnoi organizatsii)

NOVOROSSIYSK—CONSTRUCTION INDUSTRY

Achievements of the builders of a tank farm. A. Fidler, A. Lintsevich. *Na stroitel'stvo* 6 no. 16:10 S '65.

NOVOROSSIYSK—PETROLEUM—STORAGE

Achievements of the builders of a tank farm. A. Fidler, A. Lintsevich. *Na stroitel'stvo* 6 no. 16:10 S '65.

NOVOSIBIRSK DISTRICT—TILLAGE

Useful competition. M. Bazhenov, G. Nikolaenko. *Zemledelie* 27 no. 11:70 N '65.

NOVOSIBIRSK—FARM MECHANIZATION—STUDY AND TEACHING

Basic principles of the establishment of a practical system for training students of the Faculty of Farm Mechanization introduced by the Novosibirsk Institute of Agriculture. E. N. Korushkin. *Izudy Novosib. sel'khoz. inst.* 24 no. 2:10-15 '63.

Scientific work of students at a training center. E. N. Korushkin. *Izudy Novosib. sel'khoz. inst.* 24 no. 2:15-20 '63.

Standardization of farm mechanization curriculums at engineering faculties. E. N. Korushkin. *Izudy Novosib. sel'khoz. inst.* 24 no. 2:3-8 '63.

NOVOSIBIRSK—MEAT INSPECTION

So that people would be healthy. A. M. Nizovskiy, V. D. Stepanuk, D. B. Stavitskiy. *Veterinaria* 42 no. 10 10-11 O '65.

NOVOSIBIRSK—VETERINARY LABORATORIES

Novosibirsk Veterinary Scientific Research Experiment Station is 25 years old. P. D. Shat'ko. *Veterinaria* 42 no. 10 16-18 O '65.

NOVOSIBIRSK PROVINCE—COMMUNITY AND SCHOOL

Contribution of the Novosibirsk Province residents to children. M. Shcheglova, G. Bezdolova, N. Khromova. *Doshk. vosp.* 38 no. 7:88-91 31 '65.

NOVOSIBIRSK PROVINCE—SUGAR BEET MACHINERY

Causes of shortcomings in the use of sugar beet harvesting combines in Novosibirsk Province and ways for their elimination. V. D. Kostin, A. V. Plakarev. *Izudy Novosib. sel'khoz. inst.* 24 no. 2:61-64 '63.

Technical and economic indicators of the work of sugar beet harvesting combines in Novosibirsk Province. V. D. Kostin, A. V. Plakarev. *Izudy Novosib. sel'khoz. inst.* 24 no. 2:50-61 '63.

NOVOSIBIRSK RESERVOIR—ALGAE

Quantitative determination of microphytobenthos in the reservoir of the Novosibirsk Hydroelectric Power Station. G. D. Levandina. *Izudy TSSBS* no. 10:21-34 '65.

Some rare species of algae, found in the plankton of the Ob' River and Novosibirsk Reservoir. M. S. Kutsa. *Izudy TSSBS* no. 10:57-61 '65.

NOVOSIBIRSK RESERVOIR—PHYTOPLANKTON

Phytoplankton of the Berdsk Gulf of Novosibirsk Reservoir as related to the problems of water supply to Berdsk. T. S. Urdova. *Izudy TSSBS* no. 10:35-41 '64.

NOVOSOKOLNIKI DISTRICT—COMMUNIST YOUTH LEAGUE

Communist Youth League members help the library. V. Emel'yanova. *Bibliotekar'* 43 no. 10:22-23 O '65.

NOVOSOKOLNIKI DISTRICT—RURAL LIBRARIES

Communist Youth League members help the library. V. Emel'yanova. *Bibliotekar'* 43 no. 10:22-23 O '65.

NOVOZHILOV, VIKTOR VALENTINOVICH

I. V. Kantorovich, V. S. Nemchinov, V. V. Novozhilov, the Lenin Prize laureates of 1965. *Lkoni. matematiki* 1 no. 3 163-165 My-Je '65.

NUCLEAR ENGINEERING

[Nuclear engineering abroad] *Atom. tekhn. zhurn.* 9 nos. 9-11 '65.

Likhomirov, V. B. [Polymer coatings in nuclear engineering] *Poliimernye pokrytiya v atomnoi tekhnike*. Moskva, Atomizdat, 1965 275 p.

NUCLEAR MAGNETIC RESONANCE

Effect of solvents on chemical shifts of the nuclear magnetic resonance of protons of the C-H group in compounds with a strong intramolecular hydrogen bond of the C-H...O...N...H type. N. M. Shapet'ko. *Teoret. i eksper. khim.* 1 no. 1 511-515 '65.

Effect of ultrasonic excitation on nuclear magnetization in a paramagnetic substance. S. B. Grigor'ev, A. M. Sazonov. *Eiz. tsvet. i tel.* 7 no. 9 2871-2875 '65.

Relaxation equations for the magnetic moment of a bound spin system. N. M. Kuznetsov, A. N. Kikhiyevich. *Teoret. i eksper. khim.* 1 no. 1 305-309 '65.

Theory of nuclear magnetic resonance in ferromagnets. L. L. Bulshvill, N. P. Glogadze, G. A. Kharadze. *Eiz. tsvet. i tel.* 7 no. 8 2793-2798 '65.

NUCLEAR PHYSICS

Isotopic structure of nuclear fission for fission to maintain parity. O. D. Dzhukov, P. A. V. red. Zhur. eksp. i teor. fiz. 2 no. 4 197-200 Ag '65.

Shecheikin, K. I. [Physics of the microcosm popularized] *Fizika mikromira, popularnye ocherki*. Moskva, Atomizdat, 1965. 230 p. (Nauchno-popul'narnaya biblioteka Atomizdata)

NUCLEAR REACTIONS

Akademiya nauk SSSR, Institut nauchnoi informatsii.

[Nuclear physics, the mechanism underlying nuclear reactions] *Adernaya fizika; mekhanizm iadernykh reaktsii*. Moskva, Akad. nauk SSSR, 1965. 88 p. (Mogi nauki)

Relativistic generalization of SU(6)-symmetry and the generation of baryon resonances. V. I. Zekharov, A. B. Kaldakov. *Pis'ma v red. Zhur. eksp. i teor. fiz.* 2 no. 1 182-185 Ag '65.

Study of factors affecting the nuclear reaction method of determining lithium and boron in products of ore dressing. I. N. Plakatin and others. *TSvet. met.* 38 no. 6:18-22 Je '65.

NUCLEAR REACTORS

Existence of semiregulators and the critical regime of a reactor. I. A. Bakhin. *Sib. mat. zhur.* 6 no. 5 949-957 S-O '65.

Kolychev, B. S. [The atom quenches thirst] *Atom utol'iaet zhat'shu*. Moskva, Atomizdat, 1965 81 p. (Nauchno-popul'narnaya biblioteka Atomizdata)

Moscow. Inzhenerno-fizicheskii institut. [Some aspects of the physics and technology of nuclear reactors] *Nekotorye voprosy fiziki i tekhniki iadernykh reaktorov, sbornik statei*. Pod red. I. N. Urovol. Moskva, Atomizdat, 1965 152 p.

NUCLEAR REACTORS—ABSTRACTS

[Nuclear reactors] *Ref. zhur.*; *Iad. reaktsii*. no. 10 O '65.

NUCLEAR RESEARCH

[Problems in thermonuclear research. Participants in the discussion: E. K. Zavoiskii and others] *Problemy termoyadernykh issledovaniy. Vsesoyuznaya uchastvuyut: E. K. Zavoiskii i dr.* Moskva, Znanie, 1965. 29 p. (Novoe v zhizni, nauka, tekhnika. IX Seriya Fizika, matematika, astronomiya, no. 21)

NUCLEAR SHELL THEORY

Filling of the electron shell of compressed atoms in a statistical model. S. V. Temnikov, G. A. Shal'zman. *Pis'ma v red. Zhur. eksp. i teor. fiz.* 2 no. 4:184-187 Ag '65.

NUCLEAR SPIN

Recent data on the Shubnikov-de-Haas spin effect in InSb. Kh. I. Amal'yanov, R. I. Bashkov. *Pis'ma v red. Zhur. eksp. i teor. fiz.* 1 no. 2:17-21 Ap '65.

Renormalization of residual currents by disturbance of symmetry. A. M. Pollakov. *Pis'ma v red. Zhur. eksp. i teor. fiz.* 1 no. 2:27-29 Ap '65.

Spin-inverting electron interaction with optical phonons in semiconductors. S. T. Pavlov, I. A. Firsov. *Fiz. tsvet. i tel.* 7 no. 8:2634-2637 S '65.

Spin-orbital interaction through conduction electrons in semiconductors. B. I. Kochelnev. *Fiz. tsvet. i tel.* 7 no. 8:2659-2660 S '65.

NUCLEI, ATOMIC

Isomer shift and the structure of metastable nuclear states. V. A. Bellakov. *Zhur. eksp. i teor. fiz.* 49 no. 3: 832-840 S '65.

NUCLEIC ACID METABOLISM

- Change in the DNA content in cells of an irradiated organism V.B. Dolgo-Saburov, Dokl. AN SSSR 161 no. 6: 1097-1098 O '65.
- Distribution of nucleic acids in regenerating skeletal muscle tissue during postembryonic development of rats N.N. Dampel' Arkh. anat., gist i embriol. 19 no. 7: 95-99 Ji '65.
- Functional changes of giant chromosomes under the influence of inhibited RNA synthesis. I.I. Kiknadze, Tsitologiia 7 no. 3: 301-308 My-Je '65.
- Nucleotide composition of DNA in animals, relationship between the taxonomy of these organisms and its evolution A.S. Antonov, Usp. sov. biol. 60 no. 2: 161-177 S-O '65.
- Synthesis of nucleic acids in the kinetosomes of *Opalina ranarum*, K.M. Sukhanova, V.K. Nilova Tsitologiia 7 no. 3: 431-436 My-Je '65.

NUCLEIC ACIDS

- Acid-alkali function of ribonucleic acid and the determination of ribonuclease activity by conductometric titration, I.A. Epshtein, Biokhimiia 30 no. 5: 964-969 S-O '65.
- Biological properties of small enteric phages containing DNA, B.N. Pashchenko and others, Mikrobiologiia 34 no. 5: 814-819 S-O '65.
- Comparative physicochemical characteristics of high polymer deoxyribonucleic acids in actinomycetes and *Bacillus brevis*, B.P. Matichuk, A.A. Shevchenko, N.I. Pavlenko, Mikrobiologiia 34 no. 4: 580-597 Ji-Ag '65.
- Content of DNA and protein and glycoprotein fractions in the blood in various forms of collagen diseases L.N. Mkrtichian, Zhur. eksp. i klin. med. 5 no. 1: 105-109 '65.
- DNA synthesis in the process of bacterial conjugation, A.A. Bilinkova, S.E. Bresler, V.A. Lantsov Genetika no. 2: 13-21 Ag '65.
- Effect of carcinogens and mutagens on nucleic acids. Report No. 1. Effect of nitrous acid on the macromolecular structure of the DNA from the rat liver, V.P. Kushner, I.A. Khodosova Tsitologiia 7 no. 3: 340-346 My-Je '65.
- Effect of X rays on the activity of aminoacyl-tRNA synthetases (pH 5 enzymes) in *Escherichia coli*, G.P. Miroshnichenko and others, Dokl. AN SSSR 164 no. 6: 1421-1424 O '65.
- Effectiveness of the simultaneous induction to the recipient of a series of characters of the donor culture with the help of DNA in *Bact. typhi* abdominalis M.IU. Chibotarkova, Mikrobiol. zhur. 26 no. 4: 9-13 '64.
- Electron paramagnetic resonance method for studying the interrelationship between semiquinone-type free radicals and native and denatured DNA, G.L. Grigorian and others, Dokl. AN SSSR 165 no. 1: 224-226 N '65.
- Existence of two types of antibodies to deoxyribose nucleic acid, A.M. Poverennyi, M.L. Levit, Vop. med. khim. 11 no. 2: 95-97 Mr-Ap '65.
- Formation of C¹⁴-alanine-RNA in the presence of cycloserine and its analogs O.O. Fuvorova and others, Biokhimiia 30 no. 5: 1015-1020 S-O '65.
- Heterogeneity of information ribonucleic acids synthesized at the early stages of embryogenesis, M.IA. Timofeeva, K.A. Kafani, Dokl. AN SSSR 164 no. 5: 1183-1186 O '65.
- Heterogeneity of the complex actinomycin D - DNA of the bacteriophage T₂, L.B. Mekler, G.E. Dobretsov Biophysika 10 no. 5: 880-882 '65.
- Induction of RNA synthesis in the nerve cell by the electric activity T.L. D'Yakovna and others, Biophysika 10 no. 5: 826-831 '65.
- Interaction between N-triphenylmethylglycine and transfer RNA, O.I. Slutskii, B.P. Gottikh, Biokhimiia 30 no. 5: 1032-1036 S-O '65.
- Interaction of RNA with O-alkylhydroxylamines, E.I. Rudovskii and others, Biokhimiia 30 no. 5: 902-908 S-O '65.
- Matrix activity of DNA and chromatin from the embryo of *Mus mus* in RNA synthesis, D.I. Dzhezhadze, K.A. Kafani, M.IA. Timofeeva, Soob. AN Gruz. SSR 30 no. 3: 577-582 S '65.
- Nonspecific functions of nucleic acids and other polyanions in protein biosynthesis, M.F. Iuliy, P.P. Martynenko, A.H. Shaldyr, Ukr. biokhim. zhur. 37 no. 5: 706-711 '65.
- Nucleic acids, synthesis of protein and chlorophyll in chloroplasts, N.M. Siskalian, Ukr. biokhim. zhur. 37 no. 5: 640-649 '65.
- Physicochemical and catalytic characteristics of the complexes of polyphosphate with proteins and RNA, I.L. El'yuzov, E.I. Bragin'skii, Biokhimiia 30 no. 5: 1000-1007 S-O '65.
- Quantitative determination of DNA during puff formation in *Chironomus dorsalis*, T.I. Sebeleva, A.I. Sheradillo, I.I. Kiknadze Genetika no. 2: 102-105 Ag '65.
- Quantitative determination of nucleic acids in plant leaves, O.N. Kulava, E.A. Popova, Fiziol. rast. 12 no. 3: 558-564 My-Je '65.
- Reaction of aminoacylated transfer RNA with polyacrylic acid in the presence of water-soluble carbodiimide, D.G. Kuznetsov, L.P. Naumova, L.S. Sandakchiev, Biokhimiia 30 no. 5: 993-998 S-O '65.

- Relationship between the growth of a pentose phosphate respiratory pathway in drought and the synthesis of nucleic acids, A.A. Abbrarov, Dokl. AN SSSR 164 no. 6: 1423-1427 O '65.
- Study of soluble RNA and aminoacyl-tRNA-synthetases in a comparative specificity aspect, A.N. Belozerskii, G.N. Zaitseva, Ukr. biokhim. zhur. 37 no. 5: 650-664 '65.
- Study of the structure and conformation of ribonucleic acids by the method of birefringence in a magnetic field M.I. Mekshenkov, Biophysika 10 no. 5: 741-754 '65.
- Study on the properties of ribonucleic acid isolated from leukemic tissues of rats in tissue cultures, Z.A. Butenko, I.A. Morgunova, Biol. eksp. biol. i med. 60 no. 9: 88-90 S '65.
- Synthesis of AU-type RNA in animal cells, K.G. Gazarian, N.G. Shuppe, B.D. Prokoshkin, Dokl. AN SSSR 164 no. 6: 1413-1416 O '65.
- Positional vibrations of bases in nucleic acids V.IA. Malev, Biophysika 10 no. 5: 729-734 '65.
- Transmission of genetic characters with the aid of ribonucleic acid isolated from influenza viruses, M.I. Skolov, R.IA. Podcherniayeva, L.K. Men'shikh, Vop. virus. 10 no. 2: 139-142 Mr-Ap '65.

NUCLEIC ACIDS—SPECTRA

- Electron paramagnetic resonance spectra observed during mechanical treatment of DNA preparations G.V. Abujon, P.IU. Butagin, Biophysika 10 no. 5: 763-765 '65.

NUCLEONS

- Ionizing particles accompanying nucleons with energies of 10¹⁰-170 Bev, at an altitude of 2000 meters, G.S. Akopian and others, Izv. AN SSSR, Ser. fiz. 29 no. 10: 1053-1055 O '65.

NUCLEOPROTEINS

- Shifts in the content and concentration of cytoplasmic ribonucleoproteins in functional changes in the neurons, I.U. IA. Gel'man, Arkh. pat. 27 no. 10: 76-78 '65.

NUCLEOSIDES

- Study on nucleosides of purine bases and monosaccharides in acid media, V.A. Kuz'menko, Fiziol. zhur. [Ukr.] 11 no. 4: 543-544 Ji-Ag '65.

NUCLEOTIDES

- In vivo effect of 2, 1-dinitrophenol on the content of acid-soluble nucleotides of guinea pig liver and muscles, V.I. Zhukov, Biokhimiia 30 no. 5: 1027-1031 S-O '65.
- Ion-exchange chromatography of oligonucleotides in a ribonuclease hydrolyzate of s-RNA, V.D. Akshirov, T. T. Vunkovskii, A.A. Liev, Biokhimiia 30 no. 5: 909-1006 S-O '65.
- Nucleotide composition of DNA in animals; relationship between the taxonomy of these organisms and its evolution, A.S. Antonov, Usp. sov. biol. 60 no. 2: 161-177 S-O '65.
- Nucleotides of *Bacillus brevis* GB cells producing and not producing gramicidin S, S.A. Silava and others, Biokhimiia 30 no. 5: 947-955 S-O '65.
- Relation of the nucleotide composition of bacterial DNA to the lysogenic state of the bacteria, A.A. Kukul'skii, I.N. Gavr'lovich, Dokl. AN SSSR 164 no. 5: 1183-1186 O '65.
- Separate determination of nucleotides and sugar phosphates, A.V. Kochetavskii, Agrokhimia no. 10: 152-153 O '65.
- Theory of matrix synthesis of polynucleotides M.V. Vol'kenshtein, S.N. Flahman, Biophysika 10 no. 5: 723-728 '65.

NUMBERS, THEORY OF

- Representability of numbers by positive, binary diagonal quadratic forms, G.A. Lomazov, Mat. sbor. 68 no. 2: 282-311 O '65.

NUMERICAL WEATHER FORECASTING

- One class of exact solutions of the equation for forecasting geopotential, V.L. Katkov, Izv. AN SSSR Fiz. atm. i okeana 1 no. 10: 1088-1090 O '65.

NUREMBERG TRIAL OF MAJOR GERMAN WAR CRIMINALS, 1945-1946

- From the history of the Nuremberg Trial; notes of a prosecutor (to be continued), G.N. Aleksandrov, Nov. vrem. 23 no. 44: 20-23 O '65.
- From the history of the Nuremberg Trial; notes of a prosecutor (to be continued), G.N. Aleksandrov, Nov. vrem. 23 no. 46: 16-19 N '65.
- From the history of the Nuremberg Trial; notes of a prosecutor (to be continued), G.N. Aleksandrov, Nov. vrem. 23 no. 47: 16-19 N '65.
- The warning of Nuremberg, Sovremennik, Nov. vrem. 23 no. 47: 1-2 N '65.

NURSERIES

- Combined kindergarten and nurseries, A.M. Kovalov Stroif. i arkh. Uzb. 6 no. 8: 21-22 Ag '65.

NURSERIES (HORTICULTURE)

- Winter sowing of apple rootstock A. Kolesnikov, Izv. zap. Krai. gos. ped. inst. 21 no. 6: 24-25 Ji '61.

NUTRITION see subdivision under Animals

NUTS see subdivision under Chick Chick Valley

NUTS—CHEMICAL COMPOSITION

- Changes in the composition of walnuts during ripening, post-harvest ripening and storage, V.A. Silava, S.A. Strakhova, Konz. i ov. prom. 20 no. 7: 23-25 Ji '65.

NYLON

- Detecting of defects in nylon fillets and pouches, H.I. Antropova and others, Plast. massy no. 10: 5-6 '65.
- Electrophoretic deposition of capron R.B. Silavina, L.V. Zaitseva, Koll. zhur. 27 no. 5: 765-767 Ji-Ag '65.
- Nylon fibers with a non-oxidizing action, I. K. Toropova, M.K. Matveeva, Tekst. prom. 21 no. 9: 17-18 S '65.
- Use of polyamide materials in the parts of the belt and couplings of the spring suspension of diesel locomotives, I.P. Dorokin, V.A. Kiylov, V.A. Antropova, Trudy TSNIITPS no. 288: 140-151 '64.

NYLON HOSIERY see Hosiery, Nylon

NYSTAGMUS

- Effect of repeated serial stimulation of the vestibular analyzer in rabbits on the quantitative evaluation of the duration of nystagmus to the value of negative angular acceleration, B.B. Boklov, A.A. Silavov, Izv. eksp. i klin. med. 60 no. 9: 59-62 S '65.

OAK

- (see also subdivision under Daghestan, Yul'tonsk Province)
- Effect of water-soluble exudates of some forest and forest weed species on one-year-old oak seedlings, M.M. Matvielev, P.O. Tymofeev, Ukr. biol. zhur. 31 no. 4: 28-32 '65.

OATS—FERTILIZERS AND MANURES

- Dynamics of phosphorus compounds in oat plants related to the conditions of nutrition, L.R. Karlenova, Agrokhimia no. 10: 24-32 O '65.
- Effect of continuous monoculture of a plant and crop rotation in the systematic use of fertilizers on the accumulation of strontium-90 in oat crops, S.V. Gidrich, E.V. Udinskaya, E.M. Levina, Agrokhimia no. 10: 163-164 O '65.

OB' DELTA—HYDROLOGY

- Experimental studies of the water regime of the Ob' Delta, V.S. Antonov, N.P. GIBarov, V.V. Yezhov, Probl. Arkt. i Antark. no. 20: 23-30 '64.

OB' RIVER—ALGAE

- Some rare species of algae, found in the plankton of the Ob' River and Novosibirsk Reservoir, M.V. Pechenkin, Trudy TSNIIS no. 10: 57-61 '65.
- Study of the productivity of the riverine zooplankton of the upper Ob' River (microphytobenthos), I.I. Yezhov, Trudy TSNIIS no. 10: 5-16 '65.

OB' RIVER—PHYTOPLANKTON

- Discharge of phytoplankton of the upper Ob' River in 1963, A.V. Solonovskaya, Trudy TSNIIS no. 10: 16-21 '65.

OB' RIVER—REGULATION

- The problem of navigation in the mouth of the Ob' River in connection with a possible construction of a lower Ob' Hydroelectric Power Station, V.B. Antonov, Probl. Sev. no. 9: 250-252 '65.

OB' VALLEY—AGRICULTURE

- Agricultural significance of the flood-plain lands of the northern part of the Ob' and the Irtysh Valleys, N.M. Tlumenskiy, Probl. Sev. no. 9: 225-231 '65.

OB' VALLEY—HYDROMETEOROLOGY

- Prediction of changes in the natural conditions of the northern Ob' Valley after the construction of the lower Ob' Hydroelectric Power Station, S.I. Vrublevskiy, Izv. AN SSSR, Ser. geog. no. 5: 37-40 S-O '65.

OB' VALLEY—LICHENS

- Materials on the flora of lichens in the Ob' Valley, S.I. Gluzdakov, Trudy TSNIIS no. 10: 167-169 '65.

OB' VALLEY—LUMBERING

- Some problems of the exploitation of the forests of the lower Ob' (taiga), V.G. Dostal', Probl. Sev. no. 9: 219-224 '65.

OB' VALLEY—RESERVOIRS

- Prediction of changes in the natural conditions of the northern Ob' Valley after the construction of the lower Ob' Hydroelectric Power Station, S.I. Vrublevskiy, Izv. AN SSSR, Ser. geog. no. 5: 37-40 S-O '65.

OB' VALLEY—ROCKS, SEDIMENTARY

Some observations on the schistosity of recent colian sediment in the Ob' Valley. I. I. Sakharov, Lit. i pol., dokl. no. 7 105-113 M., Ju. '65.

OB' VALLEY—ZOOPLANKTON

Zooplankton in the floodplain bodies of water of the lower Ob' and lower Irkutsk Rivers and some characteristics of its development. A. A. Salazkin, P. P. Usilenko, Zool. zhur. 44 no. 6 818-825 '65.

ODNISK (KALUGA PROVINCE)—ATOMIC POWER PLANTS

Atomic electric power plant TES-3. N. M. Sinev, I. D. Kovalev, Priroda 54 no. 2:114-117 F '65.

OBSESSIONS

Use of lithium in the treatment of schizophrenia with obsessions. L. I. Golovan, G. I. Zavidovskaya, I. U. Sakal'skaya, Zhur. nevrop. i psikh. 65 no. 10 1574-1580 '65.

OBSTETRICS

Problem of asymmetry in obstetrics. S. M. Bekker, Akush. i gyn. no. 115-17 '65.

Role of thrombogenesis in the process of cessation of hemorrhage in labor. L. S. Pershinov, K. V. Porai-Koshits, Sov. med. 20 no. 3 60-66 M. '65.

OBSTETRICS—EQUIPMENT AND SUPPLIES

Experience with the use of vacuum extraction in obstetrics. T. S. Shengeliya, Akush. i gyn. no. 106-83 '65.

Immediate and remote effects of the use of the vacuum extractor. I. A. Kaplanskiy, Akush. i gyn. no. 190-92 '65.

Indications and contraindications for vacuum extraction and its effect on mother and fetus. K. N. Zhmakin, Akush. i gyn. no. 192-95 '65.

Obstetric vacuum extractor. A. D. Utiashvili, V. M. Tushkashvili, G. A. Bakradze, Akush. i gyn. no. 170-72 '65.

Traumatic effect of vacuum extraction, experimental study. I. U. I. Faltser, Akush. i gyn. no. 177-81 '65.

Vacuum extractor in obstetric practice. Kh. T. Murzaliyev, Akush. i gyn. no. 173-76 '65.

Vacuum extractor in obstetric practice. M. A. Finkel', M. I. Khalitova, Akush. i gyn. no. 180-80 '65.

OCCUPATIONAL THERAPY

Work processes as a therapeutic factor in sanatorium treatment. A. S. Abramov, Shor. nauch. rab. vrach. nan., kar. uch. profsostrov. no. 1 200-214 '64.

OCEAN BOTTOM see subdivision under Atlantic Ocean

OCEAN CURRENTS

(see also subdivision under Atlantic Ocean; Pacific Ocean)

Origin of the semiannual rhythm in the activity of ocean currents. I. V. Makashev, N. P. Smirnov, Izv. AN SSSR, Fiz. atm. i okeana 1 no. 10 1079-1087 O '65.

Use of spectral functions for studying the variability of oceanographic characteristics. V. A. Volynskov, I. U. V. Boshin, Trudy TSIP no. 142 103-107 '65.

OCEAN TEMPERATURE

Methods of calculating and forecasting water temperature. L. I. Sviridanova, Trudy TSIP no. 142 58-66 '65.

Use of spectral functions for studying the variability of oceanographic characteristics. V. A. Volynskov, I. U. V. Boshin, Trudy TSIP no. 142 103-107 '65.

OCEAN WAVES

(see also subdivision under Atlantic Ocean)

Dependence of the parameter of the roughness of the sea surface on wind speed. E. P. Andriyeva, A. A. Pivovarov, N. A. Okhanova, Izv. AN SSSR, Fiz. atm. i okeana 1 no. 10:1101-1102 O '65.

Method of calculating the regime and climatic characteristics of ocean waves and its basis. G. V. Rzhapinskiy, Trudy GOIN no. 84 222-224 '65.

Study of the frequency power spectrum and heights of wind waves in the coastal zone. I. U. M. Krylov, S. S. Strelakova, P. V. Tyshchukhin, Izv. AN SSSR, Fiz. atm. i okeana 1 no. 10:1065-1078 O '65.

OCEANIA—POLITICS

Akademiya nauk SSSR, Institut narodov Azii, [Colonial policy of the imperialist states in Oceania] Kolonial'naya politika imperialishtskikh derzhav v Okeanii. Moskva, Nauka, 1965. 156 p.

OCEANOGRAPHIC RESEARCH

Problems of marine forecasts and information. N. A. Belinskii, Trudy TSIP no. 142:5-12 '65.

OCEANOGRAPHY

(see also subdivision under Atlantic Ocean)

Experimental study of the turbulent regime in the air layer near the water surface. S. L. Zubkovskiy, D. P. Timonovskiy, Izv. AN SSSR, Fiz. atm. i okeana 1 no. 10: 1005-1013 O '65.

OCELOTS see subdivision under Amur Valley, Ussuri Valley

OCHKIN, ALEKSEI IAKOVLEVICH

Man from a legend. Ivan Paderin, Voen. znani. 41 no. 9 45-47 S '65.

ODESSA—CITY PLANNING

Descriptive of the architectural ensemble of the Primorskiy Avenue in Odessa. A. Artemov, Stroitel'arkh. 13 no. 9:26-31 S '65.

ODESSA—HOSPITALS, GYNECOLOGIC AND OBSTETRIC

Properties of coagulase-positive *Staphylococcus* isolated in one of the maternity homes of Odessa. I. U. V. Dichenko, Mikrobiol. zhur. 25 no. 1:20-26 '61.

ODESSA—RUSSIAN SOCIAL DEMOCRATIC PARTY

The align of the Odessa Committee of the Russian Social Democratic Party, August 1904-June 1905. M. F. Savvin'kyi, Int. dzh. i. i. kh. vyk. no. 1 277-283 '64.

ODESSA—SANATORIUMS

Dietotherapy in the compound sanatorium treatment following resection of the stomach for peptic ulcer. M. A. Kleinman, Shor. nauch. rab. vrach. nan., kar. uch. profsostrov. no. 1:105-113 '64.

ODESSA—SHIPBUILDING WORKERS

The word instructor, example loads. S. Zuev, Sov. profsostrov. 21 no. 2:16-17 N '65.

ODESSA—SHOE INDUSTRY—QUALITY CONTROL

Awarding bonuses for the quality of production and industrial management. I. Vaganov, Sots. trud. 10 no. 10:35-46 '65.

ODESSA—WOOLLEN AND WORSTED MANUFACTURE

Double-ply nonwoven textile fabrics. I. M. Tornopol'skiy, Tekh. prom. no. 2:19 Apr-Je '65.

ODESSA PROVINCE—ICE

Rare case of an intensive sheet of glaze in Odessa Province. M. M. Prokhorov, A. N. Ryskii, Trudy Ukr. NIGIM no. 5:70-76 '65.

ODESSA UNIVERSITY

An academic meeting dedicated to the 100th anniversary of the Odessa State University. S. K. Mel'nyk, PA. Nekrasov, Ukr. ist. zhur. 9 no. 5 152-153 Ag '65.

ODOROUS SUBSTANCES

Industrial method for the synthesis of para-methylallene-0-carbinol. S. D. Kustova, N. B. Titova, I. U. Dushinskaya, Maslozhir. prom. 31 no. 7:45 31 '65.

ODYNTSOV, OLEKSANDR VASYLYOVYCH, 1895-1938

Seventieth anniversary of O. V. Odintsov's birth. N. A. Odintsova, Ukr. ist. zhur. 9 no. 5:133-134 Ag '65.

OFFICE EQUIPMENT AND SUPPLIES—EXHIBITIONS see subdivision under Europe, Eastern

OFFICE EQUIPMENT AND SUPPLIES—TECHNOLOGICAL INNOVATIONS

Present status and prospects of the mechanization and automation of engineering and management work in the heavy machinery industry. M. G. Umanagin, Vost. mashinost. 45 no. 9 73-75 S '65.

OFFSET PRINTING

Improving the photosensitivity of the developing layer. C. M. Gutova, G. I. A. Krikun, E. A. Nikanchikova, Poligrafia no. 8:29-30 Ag '61.

Polymers in offset work. I. G. Khaikina, I. P. Semenova, Poligrafia no. 8:35 Ag '64.

Preparing offset forms on unpolished aluminum. A. Fenin, Poligrafia no. 4:30-31 Ap '65.

"Romano III," a new model of a small offset press. I. S. Petukov, Vych. i org. tekhn. v stroit. i prom. no. 2: 97-100 '64.

Some characteristics of offset printing on tin. N. Nechitorenko, V. Karpiuk, I. Yelis. Poligrafia no. 8:5-8 '65.

OIL FIELD FLOODING

(see also subdivision under Arlan Oil Field)

Investigating the process of the displacement of oil by water in heterogeneous pools. O. I. Martynov, V. I. Ryzhik, Izv. AN SSSR, Mekh. no. 5:175-181 S-O '65.

Method for the comparative technical-economic evaluation of various methods of flooding. V. A. Slein, V. G. Khutchev, Neftprom. delo no. 3:30-34 '65.

Telkov, A. P., and I. U. I. Stiklanin. [Water coning in oil and gas production] Obratovozvrat konusov vody pri dobyche nefi i gaza. Moskva, Nedra, 1965. 162 p.

OIL FIELD FLOODING—GRAPHIC METHODS

New graphic method for determining the volumetric and compositional ratios of miscible waters. A. R. Akhmedov, I. A. Burakovskiy, Azerb. neft. khoz. 44 no. 14-15 Ag '65.

OIL FIELDS—BUILDINGS AND STRUCTURES

Sokolov, G. D. [Organization of construction of oil fields] Organizatsiya stroitel'stva neflanykh prony-slov. Moskva, Nedra, 1965. 191 p.

Standardization of elements and the grouping of structures in oil fields. S. O. Kontorovich, Stroitel'stvo. 10 no. 10 21-22 O '65.

OIL FIELDS—EQUIPMENT AND SUPPLIES

Automation of compressor stations with electrically driven compressors. I. A. Belousov, A. S. Bobafan, A. L. Kaplan, Zatekh. prog. 5 no. 8 3-6 Ag '65.

OIL INDUSTRIES

(see also subdivision under Caucasus, Northern; Kuban, Levoy; Povolnya)

Comparative evaluation of the work of enterprises administered by Economic Councils and of small oil mills. I. I. Belokhovskiy, A. I. Nazarov, Izv. vyz. ucheb. zav., pishch. tekhn. no. 5:14-17 '65.

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES

Modernization of the automatic UAZ bottle corking machine. O. A. Bobrenko, Maslozhir. prom. 31 no. 7 44 31 '65.

OIL INDUSTRIES—MANAGEMENT

For the introduction of a scientific organization of work in enterprises. A. V. Romashkina, Maslozhir. prom. 31 no. 10:24-32 O '65.

OIL INDUSTRIES—TECHNOLOGICAL INNOVATIONS

Excellent initiative. Maslozhir. prom. 31 no. 7:1-2 31 '65.

OIL POLLUTION OF RIVERS, HARBORS, ETC.

Device for decontaminating sump waters. I. A. Tav, I. U. V. Kalinin, Trudy LITV no. 72 22-28 '61.

OIL RECLAMATION

Possibility for regenerating oils inhibited by an additive. R. A. Lipshtein and others, Tekhn. sta. 36 no. 10 34-38 O '65.

OIL RESERVOIR ENGINEERING

(see also subdivision under Teymazy Oil Field)

Calculating the friction force between the string of rods and the casing in crooked wells. A. G. Minir-Zada, Zatekh. prog. 5 no. 8:23-25 Ag '65.

Change in the coefficient of piezoelectricity in an oil reservoir with a pressure equal to the saturation pressure or close to it. T. I. A. Zayevskiy, S. G. Kamenetskiy, Neftprom. delo no. 6:3-7 '65.

Determining the level of mercury in the steel tubes of a differential manometer at high static pressures. V. V. Devlikomov, T. M. Vygodskiy, V. S. Molozhevich, Neftprom. delo no. 6:28-29 '65.

Determining the pressure field in a system of an areal well distribution under elastic conditions. D. V. Shalimov, Izv. AN SSSR, Mekh. no. 5:171-174 S-O '65.

OIL WELL CASING

(see also subdivision under Ishimbay region, Bashkiria)

Effect of geothermal conditions on the deformability of production casing. G. A. Mataev and others, Neft. khoz. 43 no. 9:9-12 S '65.

OIL WELL CEMENTING

(see also subdivision under Kazakhstan)

New method for excluding lost-circulation zones in well drilling. L. P. Polnikov, V. D. Baranov, A. I. Golikov, Burende no. 9:8-10 '65.

Slag made with reduced filtration properties. L. P. Kalenev, D. E. Novokhatskiy, Burende no. 9:11-13 '65.

OIL WELL COMPLETION see subdivision under

Bakhmet'yevskiy Oil Field, Oskanskoye Oil Field; Ust'-Balyk Oil Field; Zhirnovsk region (Volgograd Province)

OIL WELL DRILLING

Determining the extent of hole deviation caused by axial load in turbodrilling. S. A. Nazarov, A. M. Rukhlov, Azerb. neft. khoz. 44 no. 9:18-20 Ag '65.

Electric power supply of oil well drilling rigs. G. S. Gilyukh and others, Prom. energ. 20 no. 10:28-34 O '65.

Method for processing factual data on drilling techniques. P. N. Orlov, P. I. Asat'yan, M. B. Barnev, Neft. khoz. 43 no. 9:1-7 S '65.

Pressure losses in casing space. E. G. Leonov, I. U. P. Pinat'ev, B. S. Pinat'ev, Neft. khoz. 43 no. 9:12-17 S '65.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES

Nomogram for determining the length of drill collars. G. S. Gazizadeh, Neft. khoz. 43 no. 9:7-9 S '65. Shevelenko, A. A., and V. I. Grizhuk. [Production of pipes for the petroleum industry] Proizvodstvo trub dlya neflanoj promyshlennosti. Moskva, Metallurgiya, 1965. 142 p.

OIL WELL DRILLING, ELECTRIC see subdivision under
Ukraine

OIL WELL DRILLING, SUBMARINE

New type of an offshore water intake installation V I
Tchilov, M D Melkumov. *Za tekhn. prog.* 5 no 8 35-38
Ag '65

OIL WELL DRILLING FLUIDS

Combination emulsion reagents for flushing fluids E G
Bister and others. *Buizhik* no. 5 17-18 '65

Effect of certain factors on penetration rate L P Melnik-
chuk, V V Chirpasov. *Buizhik* no. 9 24-27 '65

Production of surface-active substances from Krasnodar
condensates for the treatment of drilling muds, S S,
Sukhariev, I P, Loxinskaya, Khim i tekhn. topl. i masel
10 no. 10 27-29 O '65

Using hydrocarbon-base flushing fluids in a well 3675 no.
deep B D, Panov, B V Kasparskii, O M, Mikhanch
Buizhik no. 9 13-16 '65.

OIL WELL DRILLING RIGS

Drill bit feed regulator used on drilling rigs P M
Uchenko. *Sbor. st. NNTI i ZITM i ZIT Uralmashzavoda*
no. 7 165-179 '63

Experimental investigation of power losses in the node
points of the URB-45h drilling rig R IU Mamedli
Azerb. neft khoz. 44 no. 8 42-44 Ag '65

OIL WELL PUMPS

Analyzing the operation of wells equipped with hydraulic
piston pumps in the Oil Field Administration of the
Al'keyevo Oil Trust A. A. Solodov. *Neftprom. delo*
no. 3 16-20 '65.

Concerning the filling coefficient of deep pumps B B
Guliev. *Azerb. neft khoz.* 44 no. 8 26-28 Ag '65

Determining the pressure on the intake of an electric
centrifugal sinking pump by means of a frequency trans-
ducer, G. R. Giltman, A. V. Samikov, *Neftprom. delo*
no. 8 26-28 '65.

Economic effectiveness of the introduction of electrical
sinking pumps M V. Salimov, A G. Pavlov, N. P
Sidorenko. *Azerb. neft khoz.* 44 no. 8 47-48 Ag '65

Exploitation of flowing wells drilled in bed D₁ of the
Shkapovo oil field using sinking centrifugal pumps,
A. D. Antropov. *Neftprom. delo* no. 3 14-15 '65.

Hydraulic efficiency of sinking centrifugal oil well
pumps P. D. Liaprov, *Vest. mashinost.* 45 no. 5
34-37 S '65.

Theoretical and practical principles for using sinking
pumps with hydraulic partitions A. D. Amilov. *Azerb.
neft khoz.* 44 no. 8 22-26 Ag '65.

OIL WELL PUMPS—ELECTRIC DRIVING

Using the method of regulated diagrams in calculating
electric loads of deep-well pump units, B. A. Azimov,
D. M. Kremer. *Za tekhn. prog.* 5 no. 8 15-18 Ag '65.

OIL WELL SHOOTING

(see also subdivision under Shkapovo Oil Field)
Effect of volley perforation on the tightness of casing
strings, G. G. Denisov, V. M. Koiyalov, N. S.
Matrokhin. *Neftprom. delo* no. 3 22-24 '65.

In the State Committee on Petroleum Production. *Neft,
khov.* 43 no. 6 60-70 S '65.

OIL WELL SHOOTING—EQUIPMENT AND SUPPLIES

Explosives in making petroleum wells, IU. N. Ovsinnik-
ov. *Bezop. truda v prom.* 9 no. 8 20 Ag '65.

OIL WELLS

Determining well bottom temperatures in drilling, S M
Kuliev, M A. Abdinov. *Azerb. neft khoz.* 44 no. 8 16-
18 Ag '65.

OIL WELLS—ACIDIZATION

(see also subdivision under Ishimay region,
Bashkiria)

Method for treating the bottom zones of wells using
nitrated acid with surfactant additives, V. A. Amilan
and others. *Neftprom. delo* no. 3 3-8 '65.

OIL WELLS—EQUIPMENT AND SUPPLIES

Manufacture and use of casing pipes, I. A. Svetitskii.
Metallog. 10 no. 10 30-31 O '65.

Misalayev, S. B., and M. V. Skornikov. [Failures and
troubles in major repairs of wells] *Avarii i ostozhne-
niia pri kapital'nom remonte skvazhin.* Moskva, Nedra,
1965 84 p.

OIL WELLS—HYDRAULIC FRACTURING

(see also subdivision under Kuban; Kum-Dag region;
Turkmenistan)

Economic advantage of the use of corundum in hydraulic
fracturing, G. T. Ovsyanov. *Neftprom. delo* no. 6:
32-33 '65.

Mechanostructural properties of the oil-sand mixture
used in hydraulic fracturing, M. K. Bagirov, A. S. Mo-
libekov. *Neft khoz.* 43 no. 8 47-50 S '65.

OIL WELLS—HYDRODYNAMICS

Analyzing hydrodynamic data on fractured reservoirs in
testing oil wells, V. A. Sidorovskii. *Neft khoz.* 43
no. 8 41-47 S '65.

OIL WELLS—TESTING

Blakharov, IU. A. [Interference tests and thermography
of oil wells and layers] *Chisloproslushivanie i termog-
rafirovaniye nefteykh skvazhin i plastov.* Baku, Azer-
baidzhansk gos. izd-vo, 1965 199 p.

Press method for testing wells based on pressure built-
up curves, I. A. Likhon, G. V. Shubnikov. *Neft
khov.* 43 no. 9 28-31 S '65.

Transferring strains to a deep mechanism by means of
the weight of drill pipes, N. F. Riasantsev. *Neft khoz.*
43 no. 9 17-21 S '65.

OILS AND FATS

Oil extraction with highly concentrated mixtures V G
Neshchadim. *Izv. vys. ucheb. zav., pishch. tekhn.* no. 5:
106-110 '65

Optimum loads on extraction equipment I I, Belokh-
vostikov, A. A. Nazarov. *Maslozhir. prom.* 31 no. 7
5-7 JI '65

Polymorphic transformations in some fats and margarine
oil bases V M Voigolov, A. P. Bolusov, IU. P
Anisimov. *Izv. vys. ucheb. zav., pishch. tekhn.* no. 5 50-
51 '65

Processing of sediments in the extraction shops, Mas-
lozhir. prom. 31 no. 7 14 JI '65.

Simplified method for determining the oiliness of crushed
grist, husk, and oil cakes I G Kirillov, V. A. Kurblov
skala, O. I. G. Kural. *Maslozhir. prom.* 31 no. 7 7-8
JI '65.

Ways to substitute synthetic fatty acids for natural acids.
P. N. Miloserdov and others. *Maslozhir. prom.* 31
no. 10 17-19 O '65

OILS AND FATS—ANALYSIS

Automatic photometric titrimeters L B. Shaginina.
Maslozhir. prom. 31 no. 10 11-13 O '65

OILS AND FATS—COOLING

Studying the conditions of the work of the "OZH" fat
cooler L K Nikolaev. *Izv. vys. ucheb. zav., pishch.
tekhn.* no. 5 145-147 '65

OILS AND FATS—PURIFICATION

Purification of technical bone fats by the natural sorbents
of the Volga Region, P N Zhelezniak and others.
Maslozhir. prom. 31 no. 10 15-16 O '65

OILS AND FATS, EDIBLE—TESTING

Studying the quality of oil obtained from the wastes of re-
fining shops, IU. Mstauk and others. *Maslozhir. prom.*
31 no. 7 9-11 JI '65.

OILSEED PLANTS

Sixth meeting of the Coordinating Council of the Ministry
of Agriculture of the U.S.S.R. on the problem "Develop-
ment of scientifically justified measures for the increase
of production and improvement of the quality of oilseed
and aromatic plants." V. S. Sokolov, A. G. Gushchenkov.
Rust. res. 1 no. 3 483-484 '65.

OILSEED PLANTS—EXHIBITIONS

Pavilion of today's "Technological field crops."
L. Velents. *Inform. bul. VDNKH* no. 7 37-40 JI '65.

OILSEEDS—ANALYSIS

Principles of the evaluation of the technological properties
of oilseeds A M. Goldovukh. *Izv. vys. ucheb. zav.,
pishch. tekhn.* no. 5 18-21 '65

ointments—THERAPEUTIC USE

Ten-year experience with the use of solidol ointment in
psoriasis, N. F. Rybakov. *Sov. med.* 28 no. 3 76-78
Mr '65.

OKA PRESERVE—MITES

Gamasid mites of birds in the Oka Preserve, O. M.
Butenko. *Ornitologiya* no. 7 458-459 '65.

OKA PRESERVE—PARASITES—BIRDS

Gamasid mites of birds in the Oka Preserve, O. M.
Butenko. *Ornitologiya* no. 7 458-459 '65.

OKA TERRACE PRESERVE—BIRDS IN WINTER

Wintering birds in the Oka Terrace Preserve, IU. S.
Ravkin. *Ornitologiya* no. 7 485-486 '65.

OKHOTSK, SEA OF—DEEP-SEA TEMPERATURE

Distribution of bottom water temperature at the western
shore of Kamchatka, T. T. Vinokurova. *Izv. TINRO*
55:165-174 '64.

OKHOTSK, SEA OF—ICE

Calculation of the ice edge on the navigation routes of
the Sea of Okhotsk, V. N. Lakovlev. *Trudy TSIP*
no. 142:16-20 '65.

OKHOTSK, SEA OF—SEALS (ANIMALS)

Determining the age and sex structure of the population
and the stock of Okhotsk seals, G. A. Fedoseev.
Zool. zhur. 44 no. 6:925-933 '66.

OLBIA (BOPSYTHENES)—INSCRIPTIONS, GREEK

An Olbian inscription with a dedication to Apollo, the
Haler L I Livi. *Vest. drev. ist.* no. 2 86-89 '65.

OLD AGE HOMES see subdivision under Petefelkino (Moscow Province), Pskov Province

OLEFINS

Effect of temperature on equilibrium of the formation of
a complex of palladium chloride with ethylene, propy-
lene, and isobutylene in water, S. V. Pestikov, I. I.
Moliseev, T. N. Romanova. *Zhurn. org. khim.* 10 no. 9
2203 S '65.

Hydrogenation of simple olefins in the solid phase at low
temperatures V. A. Lishnevskii. *Izv. Akad. N.* 6
no. 3 106-111 My-Ju '65.

Initiation of nonsteady state of polymerization of α -olefins
P. L. Matkovskii, N. D. Zavoronkin, N. M. Chirkov.
Vysokom. soed. 7 no. 9 1181-1188 S '65.

Pyrolysis of the product of petroleum refining for the
purpose of obtaining monomers, Th. I. Arzavskii,
G. O. Chivadze. *Sobh. AN Gruz. SSR* 49 no. 1 59-66
Jl '65

Softening, high-elastic resilience, and structure of
space polymers of methyl methacrylate and styrene
with diatomic monomers S K Zakharenko and others.
Vysokom. soed. 7 no. 9 1551-1561 S '65.

OLENEGORSK REGION (MURMANSK PROVINCE)—

ORE DRESSING

Improving the technology of dressing finely impregnated
iron quartzites using the example of the Olenegorsk
ore dressing plant G. A. Golovanov. *Trudy Mekha-
nolozh.* no. 133 16-100 '65.

OLESHA, IURII KARLOVICH, 1899-

Mixale of nit L Lazarev. *Vop. iz.* 9 no. 10:233-235
O '65.

OLIGOSACCHARIDES

Nature of lysozyme action on oligosaccharides, fragments
of chitin V. L. Maksimov, L. D. Kaverneva, N. A. Likh-
chenko. *Biokhimiia* 30 no. 5 1007-1013 S-O '65

OLMITOSIDE—PHYSIOLOGICAL EFFECT

Clinical study of glycosides derived from the seeds of
Cochorus olmitus, N. S. Kel'gineva. *Sbor. nauch.
trud. TashGMI* 22:402-410 '62.

OLYMPIC GAMES

(see also subdivision under Tokyo)

Olympic kaleidoscope. *Sov. voln* 16 no. 17 42 Ag '64.

OMENTUM—CANCER

Malignant fibrosarcoma of the omentum, M. M. Korylev,
T. I. Popova. *Ark. pat.* no. 10 51-53 '64.

OMSK—RUBBER INDUSTRY—FIRES AND FIRE PREVENTION

In the Omsk Rubber Tire Factory R Volchkevich.
Pozh. delo no. 9 15 S '65

OMSK PROVINCE—CREAM SEPARATORS

What the milk receiving system should be like?
P. Pletnev. *Zakup. sel'khoz. prod.* no. 5 51 My '65

OMSK PROVINCE—DESCRIPTION AND TRAVEL

[Omsk Province; its nature and economy] *Omskaia
oblast', priroda i khorozivstvo* [Omsk] Omsksee knizhice
izd-vo, 1963, 201 p.
(CSI-11)

OMSK PROVINCE—FARMS—VALUATION

How we evaluate the quality of arable land, A. Mishulin.
Zemledelie 27 no. 10:60-62 O '65.

OMSK PROVINCE—FOREST FIRES—PREVENTION AND CONTROL

Forest guard from Solntseva. A. Pakhomov. *Pozh.
delo* no. 9 14 S '65.

OMSK PROVINCE—MUSKRATS

Epidemiology of tularemia in muskrat population and its
role in preserving tularemia agent in winter in the
bodies of water of Omsk Province, O. V. Raydonikas,
L. S. Egorova. *Zool. zhur.* 44 no. 6:646-653 '65.

OMSK PROVINCE—TILLAGE

Soil cultivation in Omsk Province A. N. Kashanov.
Zemledelie 27 no. 9 30-33 S '65.

OMSK PROVINCE—TULAREMIA

Epidemiology of tularemia in muskrat population and its
role in preserving tularemia agent in winter in the
bodies of water of Omsk Province, O. V. Raydonikas,
L. S. Egorova. *Zool. zhur.* 44 no. 6:646-653 '65.

ONCOLOGY—ABSTRACTS

[General problems of pathology, Oncology] *Ref. zhur.*
Ob. vop. pat. Onk. nos. 18, 21 S-N '65.

OROL PROVINCE—ECONOMIC CONDITIONS

Ed'chebo, N. S. [Orol Province on new thresholds] Or-
"Tol'kna ch'ist" na novykh rubezhnikh [Tula] Prikl-
skoe knizhnoe izd-vo, 1965 89 p

OROL PROVINCE—TELECOMMUNICATION

Telecommunication in the villages of the Orol Province.
I. A. Pavlov. Vest svetsl 25 no 8 20-23 Apr '65.

ORENBURG—BOOKSELLERS AND BOOKSELLING

Improve the accounting of sales. I. Gendel'. Knizh. torg.
16 no 4 17-18 Apr '65

ORENBURG PROVINCE—FLOODS

Volume of flo. of the spring flood of the rivers of
Orenburg Prov. inco. I. I. Chikalovskii. Shor. rab.
Fiz. i tekhn. nat. ob. ch. no 2 116-126 '65

ORENBURG PROVINCE—RAILROADS—MAINTENANCE AND REPAIR

Important potential for the increase of labor productiv-
ity. V. V. Chernychev. Put' i put. khoz. 9 no 10-
15 '65.

ORENBURG PROVINCE—STOCK AND STOCKBREEDING

Meat which are waited. V. A. Pavlov. Agitator 33 no 10:
47-49 '65 '65.

ORES

Use of polymetallic ores and their products as oligides.
A. P. Terent'ev and others. Dokl. AN SSSR 164 no 4-
928-930 Q '65.

ORES—ANALYSIS see subdivision under Krivoy Rog Basin

ORES—SAMPLING AND ESTIMATION

(see also subdivision under Georgia; Krivoy Rog Basin)

A simplified method of determining copper in secondary
sulfides after its extraction by thiocarbonyl compounds
in the course of chemical phase analysis. I. U. V.
Pol'tova, L. D. Dolaberdze. Trudy KIMS no 5:113-115
'63

ORGANIC ACIDS see Acids, Organic

ORGANIC COMPOUNDS

Bioluminescence and chemiluminescence of some organ-
ic compounds. A. I. Zhuravlev, V. A. Veselovskii, N. N.
Koshcheenko. Aul. nov. biol. 60 no 2 178-197 S-Q
'63.

Catalytic disintegration of certain oxygen-containing
organic compounds on stainless steel. S. T. Kozlov,
G. D. Larkov, V. L. Tal'roze. Zav. lab. 31 no 9 113-
114 '65.

Constant of the heat fraction interaction between adsorb-
ed organic molecules and the factors contributing to its
linear dependence on the potential. B. B. Damaskin.
Elektrokhimia 1 no 9:1123-1128 S '65

Effect of some organic substances on the anodic dis-
solution of metals in neutral solutions. Part 2: Anodic
dissolution of zinc. S. G. Bialozor. Elektrokhimia 1
no 9:1137-1141 S '65.

Electrolytic oxidation of organic substances on a plati-
num electrode. Report No 2. Kinetics of oxidation of
alcohols, aldehydes, and carboxylic acids with the
estimation of the surface inhomogeneity of the plati-
num electrode. O. A. Khasova, I. B. Vasil'ev, V. S.
Bagobakal. Izv. AN SSSR, Ser. khim. no 10 1778-1787
'65.

Explosiveness of the mixture of chlorine with pentane,
isopentane, diethyl and cyclopentadiene, and measures
for preventing explosions. L. S. Rozan, A. S. Mal'tseva,
I. M. Kogin. Bezop. truda v prom. 9 no 8 50-52 Ag
'65.

Mechanism of interaction between nitric acid and some
organic materials. B. I. Borisov. Zhur. prikl. khim. 38
no 6:1321-1326 Je '65.

Mechanism of radiation-induced oxidation of organic
compounds by molecular oxygen. V. V. Sarava,
Kin. i kit. 6 no 3:537-540 My-Je '65.

Oxidative ammonolysis of organic compounds. B. V.
Suvorov, S. R. Rafikov, A. D. Kagarlitski. Usp. khim.
34 no 9:1526-1549 S '65.

Rapid gas chromatographic method for determining
oxygen in organic compounds. L. V. Kuznetsova, E. N.
Shtarkova, S. L. Dokychin. Zhur. anal. khim. 20 no 8:
836-839 '65

Use of probe methods in the study of electroconductivity
of organic liquids. I. U. A. Kopylov, A. M. Nemchenko.
Elektrokhimia 1 no 7:779-787 Ji '65.

ORGANIZATION, INDUSTRIAL see Industrial organiza-

FRICAN UNITY

I. V. Brykin. Nov. vrem. 23

IMPOUNDS

Minimum compounds with acyl
ides. G. A. Kozlov, L. P.
him. 35 no 9:1672-1676 S '65

ORGANOBORON COMPOUNDS

Addition of organoboron compounds to 1,3-enyne hydn-
carbons. V. V. Markova, V. A. Kozlov, A. A. Petrov.
Zhur. ob. khim. 35 no 9 1669-1672 S '65

ORGANOBROMINE COMPOUNDS

3,6-Endoxycyclohexanone and -cyclohexenes. Part 2:
Reaction of γ -elimination in the series of halo deriva-
tives esters of 3,6-endoxycyclohexanonephthalic acid. N. S.
Zefirov, W. K. Kireev. Zhur. ob. khim. 35 no 10
1802-1806 Q '65.

ORGANOCHLORINE COMPOUNDS

Stability of some organochlorine insecticides under the
influence of light and temperature depending on their
form. L. A. Kulikova. Trudy VIZR no 20 pt. 1:33-35 '64

ORGANOCHLORINE COMPOUNDS—TOXICOLOGY

Aftereffects of phosphorus and chlorine organic compounds
on the common red spider Tetranychus telarius I.
M. N. Osherova. Khim. v sel'. khoz. 3 no 9 13-16 S
'65.

ORGANOFLUORINE COMPOUNDS

Methods of preparation and properties of organofluorine
compounds. Part 2. Some new perfluorinated acids and
their derivatives. S. V. Sokolov, Z. I. Mazalova, S. A.
Mazalov. Zhur. ob. khim. 35 no 10 1774-1778 Q '65.

ORGANOGERMANIUM COMPOUNDS

Reaction of alkyltrichlorogermanes with ketene. G. S.
Burlachenko and others. Zhur. ob. khim. 35 no 10
1801 Q '65.

Structure and thermal degradation of cyclic and linear
polymers of dimethylsilylene and dimethylgermylene.
O. M. Nefedov and others. Dokl. AN SSSR 164 no 4-
822-825 Q '65.

ORGANOMETALLIC COMPOUNDS

Express analysis of organometallic compounds based on
reflected β -radiation. F. B. Ashbel' and others. Zav.
lab. 31 no 9 1062-1063 '65.

Mechanism of nitrogen fixation in the reacting system
(C_2H_6) $TiCl_2 - C_2H_5MgBr$. G. N. Nepochenko and
others. Dokl. AN SSSR 164 no 5:1062-1064 Q '65.

Synthesis of styrenes with fluorine in the vinyl group
and organometallic substituents in the ring. H. S.
Sorokina, E. M. Panov, K. A. Kocheshkov. Zhur. ob.
khim. 35 no 9 1625-1628 S '65

ORGANONITROGEN COMPOUNDS

New method of synthesizing nitrogen-containing polymers
with conjugate bonds and their electrophysical prop-
erties. I. A. M. Paushtin and others. Dokl. AN SSSR 164
no 5:1085-1088 Q '65.

ORGANOPHOSPHORUS COMPOUNDS

"Aging" mechanism of cholinesterase depressed by
organophosphorus inhibitors. V. I. Rozengart, T. K.
Balashova. Dokl. AN SSSR 164 no 4:937-940 Q '65.

Reactivity of phosphines and the electronic properties of
some organophosphorus groups. A. I. Bakanov, B. A.
Korolev, B. I. Stepanov. Zhur. ob. khim. 35 no 10 1870-
1880 Q '65.

Determination of phosphorus in organic compounds by
photometry. I. A. Mandelbaum, A. F. Grapov, A. I.
Iskova. Zhur. anal. khim. 20 no 8 873-874 '65.

Dissociation, dimerization, and distribution of diethyl-
phosphoric, diethylphosphoric, and diethylphosphoric
acids in the system n-octane - 0.1 M $NaClO_3 - HClO_4$
solution. V. S. Ulianov, R. A. Sviridova. Radiokhimia
'7 no 5 538-544 '65.

Extraction capacity of organic compounds depending on
their structure and electronegativity of substituting
groups. Part 2: Effect of electronegative groups.
A. M. Rozen and others. Radiokhimia '7 no 5 517-533
'65.

Results of a study of organophosphorus preparations
against the leaf miner Lithocolletia pyralisella Gagn.
G. N. Aleksidze. Soob. AN Gruz. SSR 39 no 3:689-690
S '65.

Spectroscopic method of investigation of the solvation
between UCl_4 and molecules of neutral organophos-
phorus compounds. A. A. Lipovskii, S. A. Nikitina,
N. E. Iakovleva. Radiokhimia '7 no 5 563-572 '65.

Synthesis of dialkylcarboxy phosphates. A. A. Shani-
shvili, O. E. Krivashenkova, M. Z. Krimer. Zhur. ob.
khim. 35 no 10:1877-1878 Q '65.

Synthesis of phosphorus-containing polyesters by means of
homopolymerization reaction. A. N. Podovik,
G. I. Evsin'ev. Dokl. AN SSSR 164 no 6:1331-1334 Q
'65.

ORGANOPHOSPHORUS COMPOUNDS—DIPOLE MOMENTS

Dipole moments of certain acetylene derivatives of phos-
phorus. G. M. Bogolubov, K. S. Mingalova, A. A. Petrov.
Zhur. ob. khim. 35 no 8:1566-1570 S '65.

ORGANOPHOSPHORUS COMPOUNDS—TOXICOLOGY

Aftereffects of phosphorus and chlorine organic com-
pounds on the common red spider Tetranychus telarius
L. M. N. Osherova. Khim. v sel'. khoz. 3 no 9:33-36
S '65.

Effect of organophosphorus insecticides on the develop-
ment of Comstockia mealybug. I. M. Kozlova, V. V.
Kudakov. Trudy VIZR no 20 pt. 1:21-24 '64

Organophosphorus compounds of low toxicity. B. A.
Arbuzov and others. Dokl. AN SSSR 165 no 1:1-14
N '65

Synthetic reaction of mixtures of phosphorus organic
insecticides. S. A. Rudakov, I. P. V. Popov. Khim.
v sel'. khoz. 3 no 9:33-36 S '65

ORGANOSILICON COMPOUNDS

Gels of organosilicon compounds. Part 1: Adsorptive
and other properties of a hydrogel-silica adsorbent
with a Si-H bond polydimethylsiloxane hydride. I. I.
Shladakova, G. B. Radkovich, L. I. Nedmark. Radiok-
himia '7 no 5:515-518 Q '65

Purification of triphenylsiloxane by some method.
A. G. Antin, M. N. Bontantova. Vest. Mosk. univ. 1:
2 Khim. 20 no 4:20-22, 21-Apr '65.

Silicon-containing acetylene enamines. A. A. Petrov,
I. A. Muretov, K. S. Mingalova. Zhur. ob. khim. 35
no 10 1720-1724 Q '65

Structure and properties of linear and branched poly-
dimethylsiloxane-dimethylsiloxane. K. A. Andrianov, I. A.
Lavygin. Vysokom. med. 1 no 1:116-120 S '65

Structure and thermal degradation of cyclic and linear
polymers of dimethylsilylene and dimethylgermylene.
O. M. Nefedov and others. Dokl. AN SSSR 164 no 4-
822-825 Q '65.

Studies in the synthesis and transference of oxygen
containing organic and organosilicon compounds.
Part 2: Synthesis of organic and organosilicon com-
pounds containing half of the chain of hydride of
acetylene series. I. A. Shikhov, M. I. Aliev, B. G.
Rumov. Zhur. ob. khim. 35 no 9:1611-1617 S '65

Synthesis and some conversions of primary γ -alkyl
n-alkene derivatives. N. V. Kozlov, N. V. Kozlov,
Zhur. ob. khim. 35 no 10:1763-1767 Q '65.

Synthesis and study of functional organosilicon com-
pounds with a hydrocarbon bridge between silicon atoms.
Part 2: Certain properties of acetylene hydride ether
with ethylene and phenylene bridges between silicon
atoms. V. P. Kuznetsova and others. Zhur. ob. khim.
35 no 9:1616-1619 S '65

Synthesis of a silicon-containing vinyl sulfide. N. V.
Kozlov, N. V. Kozlov, Z. I. Mikhalev. Zhur. ob.
khim. 35 no 9:1613 S '65

Synthesis of 1,4-bis(dimethylsilyl)oxyethylsiloxane and
its conversion to cyclic compounds. V. I. Nikitina.
Zhur. ob. khim. 35 no 9:1608-1609 S '65.

Synthesis of 1,4-bis(dimethylsilyl)ethoxyethane. N. V.
Nepodolkin and others. Dokl. AN SSSR 164 no 9 1119
1322 Q '65.

Synthesis of vinyl ethers of organosilicon carboxylic
acids. M. V. Kozlov, N. V. Kozlov, I. V. Kozlov,
Ser. khim. no 10:1810-1810 '65.

Thermal stability of siloxane elastomers obtained with
acid and alkali catalysts. V. P. Davydova, Z. H. L. L. L. L. L.
A. V. Karlin. Kuch. i toz. 21 no 8:9-10 '65.

Unsaturated organosilicon compounds. Part 1: Synthesis
and bromination of some conjugated siloxane ethylene
hydrocarbons. B. G. Shakhovskoi, M. D. Shakhovskoi,
A. A. Petrov. Zhur. ob. khim. 35 no 10:1711-1713 Q
'65.

ORGANOSILICON COMPOUNDS—SPECTRA

Infrared spectra of some disubstituted organosilicon com-
pounds. M. B. Shostakovskii, N. I. Shostakovskii, N. V.
Kozlov. Zhur. ob. khim. 35 no 9:1650-1654 S '65

ORGANOSULFUR COMPOUNDS

Content of sulfoxide and disulfide groups in proteins of
human blood serum in some liver and kidney diseases.
S. A. Kaplanik, A. V. Azhukhik. Vop. med. khim. 11
no 2:41-46. M. Apr '65.

Group composition of organosulfur compounds in gas-
line-kerosene fractions of Volok petroleum. A. M.
Shevchik, N. P. Dmitriyev. Dokl. AN SSSR 164 no 11:
573-575 Ag '65.

ORGANOTELLURIUM COMPOUNDS

Study of the chromatographic behavior of some organo-
tellurium compounds in thin layers of aluminum oxide.
M. Vobutskii, V. D. Nefedov, D. N. Shuklova. Zhur.
ob. khim. 35 no 9:1611-1617 S '65

ORGANOTIN COMPOUNDS—SPECTRA

Vibrational spectra of some organotin acetylene com-
pounds. M. F. Shostakovskii and others. Zhur. ob.
khim. 35 no 10:1768-1770 Q '65.

ORGANOTITANIUM COMPOUNDS

Reaction of bis(8-quinolinol)diethoxytitanium with α -hy-
droxy- β -trimethylsilyloxydimethylsiloxane. K. A.
Andrianov, I. A. Lavygin. Izv. AN SSSR, Ser. khim.,
no 10:1805-1807 '65.

ORGANOZINC COMPOUNDS

Some properties of tetraacyclopentadienyldiironium. F. M.
Brahmin, M. Kh. Minacheva, R. Kh. Freidlina. Izv. AN
SSSR, Ser. khim. no 10:1877-1879 '65.

ORIBATIDAE (see also subdivision under *Caucasus; Crimea*)
Taxonomy of oribatid species of the genus *Hypochthonia* C. L. Koch, 1835 (Acariformes, Oribatei) D. A. Krivoshtin, *Zool. zhur.* 41 no. 6 931-937 '65.

ORIENTAL FOLKLORE see *Folklore, Oriental*

ORIENTAL LANGUAGES—GRAMMAR, COMPARATIVE
Soveshchaniye po tipologii vostochnykh yazykov, Moscow, 1963 [Linguistic typology and the Oriental languages, materials of the Conference] *Lingvisticheskaya tipologiya i vostochnye yazyki, materialy soveshchaniya* Moskva, Nauka, 1965 311 p

ORIENTAL SORE see *Dehli boil*

ORIENTATION
Orientation and navigation of animals; the main trends in biologic research B. P. Manilev, N. P. Naumov, V. E. Akob, *Priroda* 54 no. 2 28-32 F '65

ORLOV, VLADIMIR MITROFANOVICH, 1895-1937
Navy Flag Officer 1st Rank V. M. Orlov N. Kuznetsov, *Voenn.-ist. zhur.* 7 no. 6, 66-71 Je '65

ORNITHOLOGY—CONGRESSES
Ornithological conference at the Kharkov University, I. A. Krivoshtin, *Ornithologia* no. 7 506-507 '65.

ORNITHOPTERIS
Ornithoptera, N. S. Poryshev, *Priroda* 54 no. 2 66-67 F '65

OTOTIC ACID
Synthesis of ototic acid from maleic acid S. I. Zaytseva, I. A. Mikhailov, V. I. Gonor, *Izv. AN SSSR, Ser. khim.* no. 10 1887-1888 '65

ORTHODOX EASTERN CHURCH
(see also subdivision under *Jerusalem*)
Decisions of the Holy Synod, *Zhur. Mosk. Patr.* no. 8 1-2 '65.
News from the dioceses, *Zhur. Mosk. Patr.* no. 9 28-30 '65.
Services of His Holiness Patriarch Alexsli, *Zhur. Mosk. Patr.* no. 9, 4 '65.

ORTHODOX EASTERN CHURCH—CLERGY
Obituaries, *Zhur. Mosk. Patr.* no. 9 29 '65.
In memory of Archbishop Georgii Shumkin, *Zhur. Mosk. Patr.* no. 9 23-25 '65.

ORTHODOX EASTERN CHURCH—RELATIONS
Brief news, *Zhur. Mosk. Patr.* no. 9 3 '65.
Letter from Bishop Doctor Barla Tibil to Nikodim, Metropolitan of Leningrad and Ladoga, *Zhur. Mosk. Patr.* no. 9 25 '65.
Letter from Bulgarian Theologians, *Zhur. Mosk. Patr.* no. 9 27 '65.
On the Orthodox Church, *Iconom* S. Caddu, *Zhur. Mosk. Patr.* no. 9, 7-20 '65.
Sir Francis Blunt, President of the World Council of Churches, visits the Soviet Union, V. Rozhkov, *Zhur. Mosk. Patr.* no. 9 12-14 '65.

ORTHOGONAL FUNCTIONS see *Functions, Orthogonal*

ORTHOGONAL PROJECTION see *Orthographic projection*

ORTHOGONAL SERIES see *Series, Orthogonal*

ORTHOGRAPHIC PROJECTION
Orthogonal projections in the kinematic study of three-dimensional mechanisms, V. I. Udintsev, *Trudy Ufimsk. sei.-khoz. inst.* 10 no. 2, 137-149 '64.

ORTHOPEIDIA
Duration of the use of orthopedic and their construction in the various forms of cleft palate, A. B. Pozniak, *Probl. chel.-litu. khir.* no. 1 94-96 '65.
Some results of the implementation of the plan for scientific studies on the problem "Trauma, traumatism, and orthopedic diseases" during 1964, M. V. Volkov, A. M. Dvorkin, *Ortop., travm. i protez.* 26 no. 9 90-91 S '65.
Ways of improving polyclinical traumatological and orthopedic aid to the population, M. V. Volkov, A. M. Dvorkin, *Ortop., travm. i protez.* 26 no. 5 41-46 My '65

ORTHOPEDIC APPARATUS
Functional attachment to orthopedic braces, M. N. Polonskiy, *Ortop., travm. i protez.* 26 no. 9 78-79 S '65.
Set of appliances for restorative treatment following surgical elimination of a congenital dislocation of the hip, A. F. Kapitolin, *Ortop., travm. i protez.* 26 no. 5 76-78 '65
Treatment of diagonal malocclusion in older children, I. M. Aleksandrov, A. D. Mukhina, *Probl. chel.-litu. khir.* no. 1 226-228 '65.

ORTHOPEDIC APPARATUS INDUSTRY
(see also subdivision under *Chelyabinsk; Dnepropetrovsk*)
From the board of the Ministry, *Sotn. obzr.* 26 no. 11: 148-10 N '65

ORTHOPEDIC SHOES see subdivision under *Moscow*

ORTHOPTERA see subdivision under *Kyzyl Kum*

OSCILLATIONS
Considerable oscillations of a sphere in a viscous fluid, N. L. Graham, *Izv. VNIIG* 76 283-290 '64.
Nonlinear interaction of various kinds of oscillations in a laser, N. G. Basov, V. N. Morozov, A. N. Orlovskii, *Zhur. eksp. i teor. fiz.* 49 no. 2 655-904 S '65.
Self-oscillations in the electrodeposition of metals, R. M. Vishniakovskiy, I. P. Shvilek, *Elektrokhimiya* 1 no. 7 664-668 Jt '65.

OSCILLATORS, ELECTRIC
Instability of the transverse oscillations of an oscillator moving in a nonlinear waveguide, K. A. Baranov, *Radiotekhn. i elektron.* 10 no. 10 1762-1766 O '65.
Probability of the transition of the phase of oscillations in a parametric generator subject to the action of a regular signal and fluctuations, S. S. Shvirklenko, *Radiotekhnika* 20 no. 5 20-21 My '65.

OSCILLATORS, ELECTRON-TUBE
Generators of random numbers for the study of automatic control systems, S. V. Tigorov, A. A. Kositskii, N. D. Medvedev, *Trudy MIY* no. 58 229-241 '65.

OSCILLATORS, TRANSISTOR
Analysis of the operation of the master oscillator of a static frequency converter, G. N. Vasilovskiy, *Trudy OMIY* 12 117-126 '64.
Saw-tooth pulse generator using transistors and ferrites for high-speed network control systems, V. A. Lashin, *Izv. Niphrakovskiy* *Trudy MIY* 55 54-61 '65

OSCILOGRAPHY
Measuring the Q-factor of circuits with a nonlinear inductance, N. G. Khachatshvili, *Izv. vys. ucheb. zav. i prib.* 8 no. 5 15-17 '65.
Use of an apparatus with the automatic reproduction and removal of stationary mercury electrodes for the determination of ultrasonic amounts of substances, A. M. Dvorkin, I. A. P. Gokhalein, *Zhur. anal. khim.* 20 no. 8 864-867 '65

OSHMANYAN COUNTY—HISTORY
Establishment of the Oshmyany Revolutionary Organization and the "Pentkovskiy" Society, 1861-1867, Z. I. A. Tolstoy, *Uch. zap. Inst. slav.* 29 51-78 '65.

OSINSKOY OIL FIELD—OIL WELL COMPLETION
Method for investigating wells with carbonate reservoirs using subsurface flow meters, V. A. Zverev, *Neteprom. delo* no. 3 11-14 '65.

OSMOSES
Differences in osmoregulation in carp and trout, I. A. Shcherbin, *Izv. GosNIOKH* 58 84-97 '64.
Diminished mobility of water in a partially dehydrated cell, K. Kost, B. B. Van Lapetina, *Fiziol. rast.* 12 no. 3 380-393 My-Je '65.
Possible errors in determining free water content by means of the refractometric method (in connection with the penetration of anion into cells), A. A. Bannikov, *Izv. zhur.* 50 no. 5 663-665 My '65.
Protective action of solutions during extracellular formation of ice in plant tissues, G. A. Samygin, N. M. Matveeva, *Fiziol. rast.* 12 no. 3 518-524 My-Je '65.
State of water in plant cells and water exchange in plant seeds, G. V. Lebedev, N. A. Askochevskaya, *Fiziol. rast.* 12 no. 3 304-307 My-Je '65.

OSSETIA, NORTH—MATHEMATICS—TERMINOLOGY
Native language mathematical textbooks on the Ossetian mathematical terminology, R. N. Morgoev, *Uch. zap. Chuv. gos. ped. inst.* no. 16 72-83 '63.

OSSETIA, NORTH—MECHANICAL DRAWING—STUDY AND TEACHING
Joint work of the scientists of the Institute and teachers on the compilation of textbooks on mechanical drawing and manual training for secondary schools, R. M. Kuraski, *Uch. zap. Chuv. gos. ped. inst.* no. 16 104-105 '63.

OSSETIA, NORTH—ORE DEPOSITS
Regularities in the distribution of complex ore mineralization in the northeastern part of the mountainous Digora region, V. V. Grigorovich, *Izv. vys. ucheb. zav. i lavet. inst.* 8 no. 5 3-8 '65.
Studying the manifestation of rock pressure in unstable rocks of the Khankomskiy complex ore deposit, M. A. Tikhov, *Izv. vys. ucheb. zav. i lavet. inst.* 8 no. 5 7-11 '65.

OSSETIA, NORTH—TEACHING, TRAINING OF
Joint work of the pedagogical institute and the Institute for raising the qualitative status of teachers on the dissemination of progressive practices, N. S. Zhukov, *Uch. zap. Chuv. gos. ped. inst.* no. 16 31-41 '63.

OSSETIA, SOUTH—HISTORY—SOURCES
Akademiya nauk Gruzinskoi SSR, Tiflis, Iugo-Osetinskii nauchno-issledovatel'skii institut, Statist. [Southern Ossetia in the period of the Great Patriotic War, 1941-1945, documents and materials] *Iugo-Osetiya v period Velikoi Otechestvennoi voyny, 1941-1945 gg. ; dokumenty i materialy*, TSKhivalt, Knizhnyi sektor Iugo-Osetinskogo IZD-va, 1963 509 p.
(CSI-II)

OSSETIA, SOUTH—WORLD WAR, 1939-1945
Akademiya nauk Gruzinskoi SSR, Tiflis, Iugo-Osetinskii nauchno-issledovatel'skii institut, Statist. [Southern Ossetia in the period of the Great Patriotic War, 1941-1945, documents and materials] *Iugo-Osetiya v period Velikoi Otechestvennoi voyny, 1941-1945 gg. ; dokumenty i materialy*, TSKhivalt, Knizhnyi sektor Iugo-Osetinskogo IZD-va, 1963. 509 p.
(CSI-II)

OSSIFICATION
Transplantation of a frozen urinary bladder to stimulate the process of bone formation, N. I. Kuznetsov, *Ortop., travm. i protez.* 26 no. 5 27-32 My '65.

OSTEOCHONDROSIS
Compressive factors in cervical osteochondrosis and the principles of clinical classification, I. M. Irgar, *Trudy 1-go MMI* 38 11-15 '65.
Deforming osteochondrosis of the tibial bone (subphyseal osteochondropathy, the P. Richer-Moutin disease), V. P. Solovnikov, *Ortop., travm. i protez.* 26 no. 5 56-58 My '65.
Osteoneurologic symptoms in cervical osteochondrosis, R. R. Gallo, *Trudy 1-go MMI* 38 203-210 '65.
Ratner, A. I. [Cervical migraine] *Sheinina migren'*, [Kazan'] *Zhiv. vo Kazanskogo univ.*, 1965. 197 p.
(DNIM)

Spinal insufficiency in osteochondrosis of the spine, I. P. Kolomoitseva, I. V. Mikarova, *Trudy 1-go MMI* 38 176-186 '65.
Surgical treatment of cervical osteochondrosis, I. M. Irgar, *Trudy 1-go MMI* 38 281-317 '64.
Vegetative disorders in osteochondrosis of the spine, A. M. Veln, *Trudy 1-go MMI* 38 10-22 '65.
Vertebral-basilar insufficiency in cervical osteochondrosis, M. A. Iavchinskaya, R. A. Kuz', *Trudy 1-go MMI* 38 160-168 '65.
X-ray examination in cervical osteochondrosis, S. S. Shifrin, *Trudy 1-go MMI* 38 211-220 '65.

OSTEOMYELITIS
Pathological anatomy of osteomyelitis of the maxilla in newborn infants and young children, A. M. Solntsev, *Probl. chel.-litu. khir.* no. 1 157-168 '65

OSTEOSCLEROSIS
Three cases of osteopetrosis, A. A. Karlatina, G. V. Uche, *Ortop., travm. i protez.* 26 no. 9 61-65 S '65.

OSTROVSKIY, NIKOLAI ALEKSEYEVICH, 1904-1938
Shirayeva, M. V., and V. I. Timofeev, [To the teachers of the exploit of Nikolai Ostrovskiy, a handbook for students] *Vuzhskoe podviga Nikoleta Ostrovskogo, posobie dlya uchashchikhsya*, Moskva, Prosveshchenie, 1964. 173 p.
(NIC)

OSWIECIM (CONCENTRATION CAMP)
The names of Oswiecim, A. P. Nov. vrem. 21 no. 41 60-65 O '65.

OTOHINOLARYNGOLOGY
Archangel. Gosudarstvennyi meditsinskii institut, Kafedra bolezní uch. gorla i nosa, [Problems of scientific and practical otorhinolaryngology] Voprosy nauchno-prakticheskoi otorinolaringologii; sbornik nauchnykh trudov, Arkhangel'sk, 1962. 228 p.
(GRL)

OVARIES
Morphological and biological characteristics of the growth and development of the ovaries in sheep as affected by different feeding conditions, G. K. Kulikov, *Izv. AN Azerb. SSR, Ser. biol. nauk* no. 3 51-58 '65.
Reaction of the ovaries in sows to various doses of pregnant mare serum depending on the stage of the sexual cycle, I. O. Konukhova, *Fiziol. zhur.* [Ukr.] 11 no. 4 437-443 Jt-Ag '65.

OVARIES—CANCER
Case of metastasizing ovarian cancer, B. V. Kuchatov, N. A. Chertokhskii, *Akush. i gin.* no. 1 151-151 '65.

OZOCERITE—MICROBIOLOGY see subdivision under Shor-Su region (Uzbekistan)

OZOCERITE—THERAPEUTIC USE

Effect of "bumic" on the regeneration of bones and alkaline phosphatase of the blood in fractures of the tubular bones in an experiment. A. Sh. Shaifov. *Ortop. i travmatologiya* 26 no. 5:21-27 My '65

OZONE

Active form of a manganese catalyst in the ozone-catalytic method of sulfur dioxide oxidation in acid solutions. S. S. Vasil'ev, O. G. Neimkova, N. I. Clement. *Zhur. fiz. khim.* 39 no. 9:2286-2288 S '65.

Effect of antioxidants on the ozonization of rubber at various temperatures. I. U. S. Zinov and others. *Kauch. i rez.* 24 no. 9:12-16 '65.

OZONIZATION

Ozonization of polymeric Schiff bases from benzyl and p-phenylenediamine. M. N. Shukova, A. I. Lashchik. *Vysokomol. soed.* 7 no. 9:1541-1543 S '65.

PACHYCARPINE—TOXICOLOGY

Acute renal failure caused by pachycarpine poisoning. I. S. Bulgarskii. *Urologiya* 29 no. 3:56-58 My-Je '64.

PACIFIC OCEAN—ATMOSPHERE

Variability of currents in the ocean and their relation to atmospheric processes. G. N. Kuklin. *Trudy TSIP* no. 142:40-50 '65.

PACIFIC OCEAN—FISH CULTURE

Moiseev, P. A., ed. [Collection of reports at Second Plenum of the Commission on Research on Fish Culture in the Western Part of the Pacific Ocean] *Sbornik dokladov na II Plenumu Komissii po rybnokhozaystvennomu issledovaniyu zapadnoi chasti Tikhogo okeana*. Moskva, 1962. 304 p. (CaQMA)

PACIFIC OCEAN—FISHES

Fish resources of the continental shelf of the northern Pacific Ocean. N. P. Novikov. *Ryb. khoz.* 41 no. 8:11-15 '65.

PACIFIC OCEAN—HERRING

Characteristics of fat indices in the Pacific herring. V. M. Miasoedova, L. I. Ertel'. *Izv. TINRO* 55:251-253 '61.

Comparative evaluation of some methods of determining fat in the Pacific herring. V. M. Miasoedova, L. I. Ertel'. *Izv. TINRO* 55:207-214 '61.

PACIFIC OCEAN—HYDROMETEOROLOGY

Analytic representation of the distribution of hydrometeorological elements by means of natural orthogonal components. M. G. Glagoleva. *Trudy TSIP* no. 112:33-39 '65.

PACIFIC OCEAN—METEOROLOGY

Comparison of winter synoptic processes in the region of the Far Eastern seas and the interrelationship between the atmospheric circulation of Eurasia and the Pacific Ocean. L. R. Son'kin. *Trudy GGO* no. 181:84-91 '65.

PACIFIC OCEAN—OCEAN CURRENTS

Seaways to Polynesia. V. I. Volkov. *Priroda* 54 no. 2:80-89 F '65.

Variability of currents in the ocean and their relation to atmospheric processes. G. N. Kuklin. *Trudy TSIP* no. 142:40-50 '65.

PACIFIC OCEAN—SEALS (ANIMALS)

Methods of catching for seals. V. A. Aisen'ev. *Ryb. khoz.* 41 no. 9:55-57 '65.

PACIFIC OCEAN—SUBMARINE GEOLOGY

Seminar on the terrigenous sedimentation and geochemistry of iron and manganese in the Pacific Ocean. A. P. Lashchik. *Lit. i pol. iskop.* no. 3:152-155 My-Je '65.

PACIFIC OCEAN—SWORDFISH

Tuna and swordfish as raw material. A. F. Mlaksha. *Izv. TINRO* 55:197-205 '64.

PACIFIC OCEAN—TUNA FISH

Tuna and swordfish as raw material. A. F. Mlaksha. *Izv. TINRO* 55:197-205 '64.

PACKAGING

Nationalization of packing work. V. I. Krivov, V. K. Dolgikh, L. I. Metel'skaya. *Apt. delo* 14 no. 1:57-60 Ja-F '65.

PACKAGING MACHINERY

All-purpose packaging conveyor. A. F. Skurikhin. *Kons. i ov. prom.* 20 no. 10:14-15 O '65.

PACKED TOWERS

Determining the efficiency of standardized bubble-cap plates. A. B. Titunovskiy and others. *Khim. i nef. mashinost.* no. 9:15-17 S '65.

PACKING (MECHANICAL ENGINEERING)

Timoshuk, A. S., and N. I. Tuganov. [Use of fluoroplastic slayings as material for packing glands] *Dinamicheskii usklad (floroplastika i vkladnye nabivki salnikovykh uplotnitel)*. Leningrad, 1965. 14 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy Nauchno-tekhnicheskii opyt. Seriya Konstruktsionnaya i tekhnologiya izgotovleniya izdelii iz plastmass)

PACKING (MECHANICAL ENGINEERING)—EQUIPMENT AND SUPPLIES

New packing materials. I. V. Brinkov. *Mashinostroitel'* no. 10:28-29 O '65.

PAIN

Degenerative changes in the spine and radicular pain. V. N. Aroft'eva. *Trudy 1-go MMI* 38:113-116 '65.

Histopathology of the nervous system in rabbits exposed to the action of ionizing radiation associated with pain. T. B. Novoselova, M. A. Novoselova, O. Kh. Guseinov. *Zhur. eksp. i klin. med.* 2 no. 5:23-29 '62.

Pain syndrome in Bruchow's disease. V. M. Iakushina. *Trudy 1-go MMI* 38:148-152 '65.

Rheovasography as a method of control in the treatment with diadynamic currents of the pain syndrome following surgery for hernia of the lumbar disks. P. V. Lipanova. *Trudy 1-go MMI* 38:201-203 '65.

Use of diadynamic currents in the pain syndrome following surgery for hernia of the lumbar disks. P. V. Lipanova. *Trudy 1-go MMI* 38:353-355 '65.

Use of ultrasound in the pain syndrome. P. V. Lipanova. *Trudy 1-go MMI* 38:356-360 '65.

PAINT MATERIALS

Reibman, A. I. [New paint materials] *Novye lakokrasnye materialy*. Leningrad, 1965. 35 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy Seriya Zashchitnye i dekorativnye pokrytiya)

PAINT REMOVERS

Removal of old paint from rolling stock by a chemical method. N. Volynsk. *Zhiti i kom. khoz.* 16 no. 9:24-30 S '65.

PAINTERS see subdivision under Kramatorsk

PAINTING—TECHNIQUE

Volkov, N. N. [Color in painting] *Tsvet v zhivopisl*. Moskva, Iskusstvo, 1965. 213 p. 30 plates

PAINTING, INDUSTRIAL—EQUIPMENT AND SUPPLIES

Finishing, this is for you. V. Voronkov. *Stroitel. khit.* 12b. 6 no. 9:20 S '65.

PAKISTAN—ELECTIONS

An important event. K. Roashidin. *Mezhdunar. zhizn'* 12 no. 11:112-113 N '65.

PALATE—SURGERY

Methods of physical therapy following uranoplasty. V. I. Vakulenko. *Prakt. chel.-fiz. fiz.* no. 1:80-82 '65.

PALATE—WOUNDS AND INJURIES

Therapeutic principles in puncturing gunshot wounds of the maxilla. I. A. Kolesnikov. *Prakt. chel.-fiz. khim.* no. 1:110-122 '65.

PALEOBOTANY, STRATIGRAPHIC

(see also subdivision under Amur Valley, Georgia; Monastyrsk region, Ukraine, Moscow region; Shirok Valley)

Dynamics of forests, tundras, and steppes; vegetation during the Pleistocene. T. D. Bolarskaya. *Priroda* 54 no. 2:38-41 F '65.

PALEOGEOGRAPHY

(see also subdivision under Amur Valley, Apsheron Peninsula, Kara Kum)

Basic characteristics of the geological development and paleogeography of the U. S. S. R. in the Carboniferous. O. L. Elnor, G. L. Bol'govskii, G. A. Smirnov. *Sov. geol.* 8 no. 8:32-44 Ag '65.

Markov, K. K., G. I. Lazukov, and V. A. Nikolaev. [Quaternary period, glacial epoch - Quaternary period] *Chetvertichnyi period; tekhnikiyi period - antropogennyi period*. [Moskva] Izd-vo Mosk. univ.

Vol. 2. [Territory of the U. S. S. R.] *Territoriya SSSR*. 1965. 434 p. (K VII Mezhdunarodnomu kongressu Apsotstavlai po izucheniyu chetvertichnogo perioda (INKVA). SShA, 1965.

PALEONTOLOGY see subdivision under Moldavia; Tarbagatay Range

PALEONTOLOGY, STRATIGRAPHIC

Markov, K. K., G. I. Lazukov, and V. A. Nikolaev. [Quaternary period; glacial epoch - Quaternary period] *Chetvertichnyi period; tekhnikiyi period - antropogennyi period*. [Moskva] Izd-vo Mosk. univ.

Vol. 2. [Territory of the U. S. S. R.] *Territoriya SSSR*. 1965. 434 p. (K VII Mezhdunarodnomu kongressu Apsotstavlai po izucheniyu chetvertichnogo perioda (INKVA). SShA, 1965.

PALLADIN, ALEKSANDR VLADIMIROVICH, 1865-

Academician O. V. Palladin; on his eightieth birthday. *Ukr. biokhim. zhur.* 31 no. 5:635-639 '65.

Mezhnauk. Vladimirovich Palladin, on his eightieth birthday. *Biokhim.* 30 no. 5:897-899 S-O '65.

PALLADIUM—METALLURGY

Mechanism of palladium extraction by alkyl trimethyl ammonium chloride. V. B. Borbat, E. F. Konda, P. I. Bobikov. *Izv. vys. ucheb. zav., inzh. met.* 8 no. 5:65-70 '65.

PALLADIUM COMPOUNDS

Effect of temperature on equilibrium of the formation of π -complex of palladium chloride with ethylene, propylene, and 1-butylene in water. S. V. Pustikov, I. I. Molodtsov, T. N. Romanova. *Zhur. neorg. khim.* 10 no. 9:2243 S '65.

Phylenediamine complexes of tetravalent palladium of the tetramine type. A. V. Babeva, I. A. Khanomova. *Dokl. AN SSSR* 161 no. 1:807-809 O '65.

PALMYRENE INSCRIPTIONS see Inscriptions, Palmyrene

PALYNOLOGY see subdivision under Pechora Valley

PAMIRS—SOILS

Soils in the Alpine zone of the western Pamirs. I. A. Kamin. *Pochvovedenie* no. 9:16-25 S '65.

PANAMA—FOREIGN RELATIONS—UNITED STATES

Washington's smoke screen. L. Kamyzin. *Mezhdunar. zhizn'* 12 no. 11:116-117 N '65.

PANAMA CANAL

Washington's smoke screen. L. Kamyzin. *Mezhdunar. zhizn'* 12 no. 11:116-117 N '65.

PANCREAS

Changes in the function of the pancreas following stomach surgery for cancer and other diseases. M. Veechovskova, G. Petriakova. *Nauch. trudy. Riaz. med. inst.* 11:71-78 '60.

Effect of the stimulation of adrenergic chemoreceptors by various insulin concentrations on the content of sugar, adrenalinic substances (show fractions) in the blood and on the insulin isolating function of the pancreas. R. M. Aganovova. *Izv. AN Azerb. SSR, Ser. biol. nauk* no. 3:121-125 '65.

PANCREAS—CANCER

Surgery in cancer of the pancreas. I. A. Ogua. *Nauch. trudy. Riaz. med. inst.* 11:101-107 '60.

PANCREAS—DISEASES

Results of the conference on the pathogenesis, clinical aspects, and therapy of diseases of the pancreas. N. S. Tikhv. V. A. Tsamir. *Vest. AMN SSSR* 20 no. 10:93-95 '65.

PANCREAS—INFLAMMATION

X-ray therapy in acute pancreatitis. P. I. Ostin, A. S. Tatarsky, R. A. Berenshtein-Kulchik. *Sov. med.* 28 no. 3:47-50 Mr '65.

PANCREAS—INNERVATION

Histochemical studies of nervous ganglia of the pancreas. P. I. Ostin, S. Monolov. *Arkh. anat. i gist. embriol.* 49 no. 7:42-47 Ji '65.

PANCREAS—SEXLECTIONS

Exocrine function of the pancreas and the contracting function of the gallbladder and pyloric sphincter in peptic ulcer. P. V. Smolnikovets. *Fiziol. zhur.* (Ukr.) 11 no. 1:491-497 Ji-Ag '65.

Methology of obtaining pancreatic juice in chronic experiments. K. Rakhimov, U. A. Kadyrov. *Fiziol. zhur.* 51 no. 7:800-807 '65.

PANCREAS—SURGERY

Surgery in cancer of the pancreas. I. A. Ogua. *Nauch. trudy. Riaz. med. inst.* 11:101-107 '60.

PANCREAS—TUMORS

Neurinoma of the pancreas. M. V. Kniazevskii. *Nauch. trudy. Riaz. med. inst.* 11:168-170 '60.

PANELS (BUILDING)

(see also subdivision under Serpukhov, Moscow Province)

Determining the optimal parameters of a filter for a triple-layer orthotropic panel. N. I. Rozendont. *Trudy Kal. tekhn. inst. yb. prom. i khoz.* no. 18:100-102 '63.

Electric heating in the production technology of reinforced concrete panels at the Tashkent Housing Construction Combine. F. M. Lashchikov. *Stroitel. khit. Uzb.* 6 no. 8:11-14 Ag '65.

Gypsum cement concrete panels for floor foundations. G. Gol'dberg, A. Romanov. *Zhiti, stroit.* no. 9:18-19 '65.

PARASITES—POULTRY

Ercolov, B. A. [External parasites of poultry and measures for their control] Naruzhnye parazity ptits i mery bor'by s nimi. Moskva, Kolos, 1985. 93 p. (DNAL)

PARASITES—RED DEER see subdivision under Voronezh Preserve

PARASITES—REINDEER see subdivision under Russia, Northern

PARASITES—SAN JOSE SCALE

Methods of mass reproduction of *Prospaltella perniciosi* Tow., the parasite of San Jose scale. A. I. Popova. Trudy VIZR no. 20 pt. 1-61-64 '64

PARASITES—SEALS (ANIMALS) see subdivision under Caspian Sea

PARASITES—SHEEP

Testing hexachlorophene in fascioliasis of sheep. N. V. Demidov, M. Babinskas, A. Vianauskas. Veterinarija 42 no. 10:45-47 O '65.

PARASITES—STARLINGS

Biting midges of the genus *Culicoides* (Diptera, Heleidae) from bird nests. V. M. Glukhova, A. S. Gombitskii. Dokl. AN SSSR 9 no. 1:65-68 Ja '65.

PARASITES—STURGEONS

Case of *Diplostomum* infestation of young sturgeons in a fish hatchery. E. I. Pchel'nik. Ryb. khoz. 41 no. 9:22-23 '65.

PARASITES—SUSLINS

Life span of suslik fleas *Neopsylla setosa* Wagn. and *Ceratophyllus tesquorum* Wagn. under natural conditions. A. D. Luk'innova, N. F. Lupina. Zool. zhur. 41 no. 6:883-887 '65.

PARASITES—SWINE

Accelerated method for the diagnosis of trichinellosis. P. A. Vladimirova. Veterinarija 42 no. 10:95-96 O '65.

PARASITES—WILD BOAR see subdivision under Volga Delta

PARATHYROID GLANDS—DISEASES

Leites, S. M. [Pathophysiology of the thyroid and parathyroid glands] Patofiziologiya shchitovidnoi i okoloeshchitovidnoi zhelez. Moskva, Tsent. in-i usovershenstvovaniia vrachei, 1965. 39. (DNLM)

PARATYPHOID FEVER

Effect of cholecystitis and angiocholitis on the course of typhoid and paratyphoid diseases. A. P. Kazantsev. Sov. med. 26 no. 3:85-89 Mr '65.

PARATYPHOID FEVER—MICROBIOLOGY

Study of the biochemical and serological properties of paratyphoid bacilli as compared with their phage types. M. K. Kadyrova. Sbor. nauch. trud. TashGMI 22:318-324 '62.

PARDON

Practice in cases of expunction of convict record ahead of time. S. Zel'dov. Sov. iust. 20 no. 18:10-11 S '65.

PARENT AND CHILD

If their father went away... V. Mikhitlov. Sem'ia i shkola 20 no. 9:32 S '65.

Unusual boy. V. Karbovskaja. Donik, voep. 38 no. 9:61-63 S '65.

When the tots begin to grow up... A. Kikida. Donik, voep. 38 no. 7:41-44 Ji '65.

PARKINSON'S DISEASE see Paralysis agilis

PARKS see subdivision under Moldova

PAROTID GLANDS—CANCER

Radioisotope diagnosis of malignant tumors of the parotid gland. V. Z. Agnani, S. L. Dar'ulova. Med. rad. 10 no. 9:3-7 S '65.

PAROTID GLANDS—SURGERY

Latest results of treatment of so-called mixed tumors of the parotid gland according to materials of the P. A. Gertsen State Oncological Institute for the period 1945-1962. E. S. Kisileva, S. L. Dar'ulova. Vop. onk. 11 no. 10:100-105 '65.

PAROTID GLANDS—TUMORS

Latest results of treatment of so-called mixed tumors of the parotid gland according to materials of the P. A. Gertsen State Oncological Institute for the period 1945-1962. E. S. Kisileva, S. L. Dar'ulova. Vop. onk. 11 no. 10:100-105 '65.

Tumors of the parotid gland. V. P. Kotelnikov. Nauch. trudy Raz. med. inst. 11:233-245 '60.

PARQUET FLOORS

Forcing the process of drying parquet rough stock. A. L. Shitova. Bum. i der. prom. no. 136-38 Ja-Mr '65.

PARSLEY see subdivision under Leningrad Province

PARTIAL DIFFERENTIAL EQUATIONS see Differential equations, Partial

PARTICLE ACCELERATORS

The continuous microtron. S. P. Kapitan. Elektr. i elektron. no. 4:176-189 '65.

Electron buncher and accelerator. I. L. Kosarev. Elektr. i elektron. no. 1:180-205 '65.

PARTICLE ACCELERATORS—DICTIONARIES

Kutyshov, Iu. V., D. L. Novikov, and E. A. Poltorov. comp. [English-Russian dictionary on charged particle accelerators] Anglo-russkii slovar' po uskoritel'm zaryazhennykh chastits. Pod red. V. P. Dmitrievskogo. Moskva, Sovetskaya entsiklopediya, 1965. 323 p.

PARTICLE BOARD

Prospects for the development of the production of particle board. S. P. Rebrin. Der. prom. 14 no. 9:4-5 Ag '65. Republican Interplant school. A. I. Ignatenko. Bum. i der. prom. no. 1:51-52 Ja-Mr '65.

Thermal processing systems of press molds in the manufacture of products from chip pulp. T. IA. Samus', T. I. Lazina, Z. S. Kovtunenko. Bum. i der. prom. no. 1:33-36 Ja-Mr '65.

Use of the waste of rotary-cut veneer for the production of particle board by the extrusion method. G. A. Segeenkov. Der. prom. 14 no. 3:28 Ag '65.

Workability of particle board by hard-alloy cutting tools. I. P. Zakharenko, I. M. Kurin. Bum. i der. prom. no. 1:21-24 Ja-Mr '65.

PARTICLE SIZE DETERMINATION

Dispersion analysis of the strength of Antarctic sea ice. G. I. Buranov. Probl. Arkh. i Antark. no. 20:55-60 '65.

New method for determining the specific surface (particle size) of powders by comparing the flow values corresponding to various conditions of gas flow in a porous medium. I. S. Izraelovich, S. N. Novikov. Dokl. AN SSSR 165 no. 1:77-80 N '65.

Preventing the entrainment of a deposit by stream in centrifugation. E. IA Zemtseva. Koll. zhur. 27 no. 3:581-583 S-O '65.

Studying the structure of clay minerals with various degrees of dispersion. O. M. Malynatshvili, N. P. Vinkhrev. Trudy KIMS no. 5:31-37 '63.

PARTICLES (NUCLEAR PHYSICS)

Asymptotic solution to a diffusion problem and its use in the theory of storage systems. A. S. Bakal, G. IA. Litbarskii, V. V. Rozhikov. Zhur. tekhn. fiz. 35 no. 12:1525-1531 S '65.

Novozhilov, Iu. V. [Quantum field theory and elementary particles] Kvantovaya teoriya poln i elementarnye chastitsy. Leningrad, Ob-vo "Znanie" RFSSR, 1965. 39 p.

Philosophical meaning of the principle of asymmetry and asymmetry in the theory of "elementary" particles. F. M. Zemlinarskii. Nauch. dokl. vys. shkoly. filoz. nauki 8 no. 5:12-19 '65.

Physics of elementary particles: a conference in Dubna. V. M. Shekhter. Priroda 54 no. 10:114-115 '65.

Physics of elementary particles and high-energy processes: session of the Department of Nuclear Physics. G. D. Zhdanov. Vest. AN SSSR 35 no. 10:125-127 O '65.

Relativistic generalization of SU(6)-symmetry and the generation of baryon resonances. V. I. Zakharov, A. B. Kaidanov. Pis'ma v red. Zhur. eksp. i teor. fiz. 2 no. 4:192-198 Ag '65.

Spectra of elementary particles. IA. A. Smorodinskii. Priroda 54 no. 2:12-12 F '65.

PARTICLES (NUCLEAR PHYSICS)—DECAY

Disintegration of atomic particles by an electric field and by an electron impact. B. M. Smirnov, M. I. Chibulov. Zhur. eksp. i teor. fiz. 40 no. 3:811-851 S '65.

PARTICLES (NUCLEAR PHYSICS)—SCATTERING

Incompatibility of relativized SU(6)-symmetry with unitarity. B. V. Geshkenbein and others. Pis'ma v red. Zhur. eksp. i teor. fiz. 1 no. 6:23-28 Je '65.

PARTIES TO ACTIONS

Joint actions. D. Chachot. Sov. iust. 20 no. 19:17-10 O '65.

PASSIVATION

Effect of surface-active substances on the process of passivation of a lead electrode. V. B. Lazarev and others. Zhur. prikl. khim. 38 no. 6:1395-1399 Je '65.

PASSIVITY (CHEMISTRY)

Study of the passivity of stainless steel in nitric acid by the measurement of differential capacity. V. S. Kuzub, G. G. Konyal. Zhur. prikl. khim. 38 no. 6:1404-1407 Je '65.

PASTE—TESTING

Effect of polymerization inhibitors on the strength of acid-resisting pastes in chloroprene containing media. A. Suklasan, S. Bharti, A. Karmari. Engr. Arch. 8 no. 8:19-40 Ag '65.

PASTEURIZERS

Pasteurization systems for the aseptic preservation of juices in large containers. B. P. Bobrikov and others. Kona. i der. prom. 20 no. 7:18-19 Ji '65.

PASTURE RESEARCH see subdivision under Kyrgyz Kum

PASTURES AND MEADOWS

(see also subdivision under Azerbaijan; Caspian Sea region, Kazakhstan, Kirghizistan, Latvia, Polesia District, Russia, Northwestern; Ukraine, Uzbekistan; Volyn' Province, White Russia)

[Each farm should be provided with a cultivated pasture] Kazhdomu khoz'yaistvu kul'turnoe pastbishche. [Leningrad] Lentshal, 1965. 114 p. (DNAL)

Machine and mellation stations as a decisive factor in the improvement of meadows and pastures. P. S. Chikov. Sibir. i mel. 17 no. 8:44-46 Ag '65.

Methods for cultivating meadow soil. K. M. Men'kin. Zemledel. 27 no. 9:56 S '65.

Requirements of meadow and pasture plants in water and moisture. G. G. Beloborodova. Trudy KozNIGMI no. 24:3-11 '65.

PASTURES AND MEADOWS—FERTILIZERS AND MANURES see Grasses—Fertilizers and manures

PATELLA—ABNORMALITIES AND DEFORMITIES

Congenital dislocation of the patella and its operative treatment. N. N. Nefed'eva. Oktop. i travn. i protez. 26 no. 8:35-39 S '65.

PATELLA—SURGERY

Congenital dislocation of the patella and its operative treatment. N. N. Nefed'eva. Oktop. i travn. i protez. 26 no. 8:35-39 S '65.

PATENT LAWS AND LEGISLATION

Discussion of the law of inventions. Izv. vys. ucheb. zav., prav. 9 no. 1:193-196 '65.

Skrjpkov, I. IA. [Protecting the rights of innovators in the U.S.S.R.] Okhrana prava ratsional'izatorov v SSSR. Minsk, in-i nauchno-tekhn. informatsii i propagandy, 1964. 20 p. (CS-11)

PATENTS

[Bulletin on inventions and trademarks] Bul. izobr. i lov. znak. 42 nos. 19-20 '65.

For popularization of patents. I. Smarygina. Bibliotekar' 43 no. 10:16-17 O '65.

Meerzon, S. I. [Protection of Soviet inventions abroad] Zashchita sovetskikh izobretenii za granits. Moskva, Iuridicheskaya literatura, 1965. 98 p.

PATENTS (INTERNATIONAL LAW)

Defend the priority and national interests in the field of inventions and discoveries in the U.S.S.R. IU. P. Konushala. Stroitel. i der. mash. 10 no. 9:37-38 S '65.

PATHOANATOMICAL SOCIETIES see subdivision under Kemerovo Province; Perm Province

PATHOGENIC FUNGI see Fungi, Pathogenic

PATHOLOGICAL HISTOLOGY see Histology, Pathological

PATHOLOGICAL PHYSIOLOGY see Physiology, Pathological

PATHOLOGY

Amino acid composition of blood plasma and erythrocytes in hypo- and aplastic states. G. S. Shnikova, G. I. Simbirskaya. Genet. i perol. krovi 1:180-182 '65.

PATHOLOGY—ABSTRACTS

[General problems of pathology. Oncology] Ref. zhur.: Ob. vop. pat. Onk. nos. 18, 21 S-N '65.

PATRIOTISM

Work of the council of war veterans. V. M. Kovalev, G. S. Semenov. Vest. vys. shkoly 23 no. 10:65-68 O '65.

PEDIATRICS

Clinical aspects, diagnosis and treatment of gonorrheal vaginitis in children. E. N. Turanova, Akush i gyn. no. 2, 126-132 '65.

Compound therapy of angiofibroma of the brain in children. V. V. Khokhlova, Vop. pediat. no. 1 28-30 '65.

Disorders of serum protein fractions and of some indices of liver protein function in primary tuberculosis in children. O. G. Vasil'yeva, V. V. Kizim. Probl. tub. no. 7 30-31 '64.

Kaluzhnaia, R. A. [Chronic intoxications in childhood; pathogenesis, clinical aspects and treatment] Khronicheskoe intoksikatsii detskogo vozrasta, patogenez, klinika, lechenie. Moskva, Meditsina, 1965, 346 p. (DNLM)

Kropachev, A. M. [Chronic pneumonias in children] Khronicheskie pnevmonii u detei. Izd. 2., 1 ispr. i dop. (Leningrad) Meditsina, 1965, 222 p. (Biblioteka prakticheskogo vracha) (DNLM)

Methodology for the detection of tuberculosis in children and adolescents. Z. I. Giodovskain. Probl. tub. no. 7 7-10 '64.

Morphology of ulcerative diseases of the large intestine in conditionally pathogenic infections in children. I. N. Mironchik. Arkh. pat. no. 10:13-21 '61.

Skin homoplasia in burn disease in children. D. E. Lezhnev, R. D. Riabina. Gemat. i perel. kazni 1:146-149 '65.

State of the oral cavity in diabetic children. G. S. Artyushanin. Zhur. eksp. i klin. med. 5 no. 1 46-49 '65.

PEGMATITES

(see also subdivision under Georgia)

Nature of the variation of the composition of solutions in the formation process of the fluoite-bearing cherted pegmatites. N. V. Anantov and others. Dokl. AN SSSR 164 no. 5 1117-1150 O '65.

Uspeksii, N. M. [Nongranitic pegmatites] Neganitnye pegmatity. Moskva, Nedra, 1965, 335 p.

PELL'S EQUATION see Diophantine analysis

PELVIS—FRACTURE

Reconstruction of the posterior pelvis in its fractures with simultaneous fracture of the pelvis. V. A. Semenov. Urologia 29 no. 3:22-25 My-Je '64.

PELVIS—INNERVATION

Spinal ascending pathways of interoceptive reflexes in the organs of the pelvis. I. A. Dulygin, R. A. Iakimovich. Dokl. AN SSSR 9 no. 1:57-60 Ja '65.

PEMPHIGUS

Pemphigus vulgaris in a mother and daughter. N. D. Shcheklov, A. I. Moshkilev. Vest. dermat. i ven. no. 1:80-81 '65.

PENDULUM

Periodic movements of a double pendulum. T. A. Barabashin, M. D. Kocheva. Izv. vys. uch. zaved., mat. no. 5: 19-26 '65.

Stability of the oscillations of a flat pendulum during the motion of its support along a fixed straight line. M. Z. Litvin-Sedol. Izv. AN SSSR, Mekh. no. 5: 156-157 S-O '65.

PENICILLIN

Composition of bacterial cell membranes and the effect of penicillin. L. I. Torkochkina. Antibiotiki no. 3:272-293 '65.

Relation between the sensitivity to penicillin of penicillinase-forming strains of *Bacillus subtilis* and the rate of spore germination. S. M. Chaikovskain. Mikrobiologiya 34 no. 5:840-844 S-O '65.

PENICILLIN—TOXICOLOGY

Decreasing the toxic effects of penicillin on the cardiac activity by means of sodium lactate. T. V. Votrenko. Gemat. i perel. kazni 1:89-90 '65.

PENICILLINASE

Relation between the sensitivity to penicillin of penicillinase-forming strains of *Bacillus subtilis* and the rate of spore germination. S. M. Chaikovskain. Mikrobiologiya 34 no. 5:840-844 S-O '65.

PENICILLIUM—CULTURES AND CULTURE MEDIA

Effect of different light sources on the carotenoid formation by *Penicillium solutorum*. P. B. Kolot and others. Mikrobiologiya 34 no. 4:827-830 Ji-Ag '65.

Mechanism of the stimulating effect of chalk on the glucose oxidase and catalase activity of *Penicillium vitale*. N. V. Pokrovskain, O. V. Kislakova. Mikrobiologiya 34 no. 5:793-800 S-O '65.

PENIS—SURGERY

Epididymitis in men. L. M. Gorilovskii. Urologia 29 no. 3:11-13 My-Je '64.

Treatment of impotence by transplantation of costal cartilage into the penis. V. I. Ruskov. Urologia 29 no. 3:54-56 My-Je '64.

PENSIONERS—EMPLOYMENT

Restless old age. Sots. obesp. 28 no. 10:17 O '65.

PENSIONS

(see also subdivision under Czechoslovakia; Moscow, Tula Province, Yakutia)

Questions and answers. Okh. truda i sots. strakh. 8 no. 11 12-43 N '65.

Questions and answers. Sots. obesp. 26 no. 10:55-58 O '65.

Questions and answers. Sots. obesp. 28 no. 11 57-59 N '65.

Reference book of a social insurance worker. V. Piskov. Sots. obesp. 26 no. 11:51-54 N '65.

PENSIONS—LAW AND LEGISLATION

New in legislation and normative acts. Sots. obesp. 26 no. 11:50-60 N '65.

PENTANEDIONE

Extraction of chelate compounds in the presence of salts. Report No. 3. Cobalt (II) and uranium (VI) acetylacetonates. V. V. Bagreev, I. A. Zolotov. Zhur. anal. khim. 20 no. 5:867-869 '65.

PENTECOSTAL CHURCHES—CONTROVERSIAL LITERATURE

Kol'tsov, N. V. [Who are the Pentecostals, answers to questions] Kto takie plitidesiatniki, otvety na voprosy. Moskva, Izd-vo "Znanie", 1965, 43 p. (Vopromoshch' lektoru)

PENZA—COLLECTIVE LABOR AGREEMENTS—DIESEL ENGINE INDUSTRY

It is provided for in the agreement. V. Komakov. Sov. profsoyuzy 21 no. 2:26-27 N '65.

PENZA PROVINCE—AGRICULTURE—HYGIENIC ASPECTS

Good beginning. G. Miasoedov. Okh. truda i sots. strakh. 8 no. 10:10-20 O '65.

PENZA PROVINCE—COLLECTIVE FARMS—PENSIONS

Good beginning. G. Miasoedov. Okh. truda i sots. strakh. 8 no. 10:10-20 O '65.

PENZA PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION

Without public participation and with public participation. V. Tolstov. Part. zhizn' no. 22:38-41 N '65.

PEPPERS see subdivision under Alma-Ata region

PEPPERS—IRRIGATION

Outdoor irrigation rates for sweet pepper taking into consideration the physiological state of the plants. A. I. Sedukova. Trudy Resp. opt. sta. km. i oveshch. khoz. 2:149-150 '60.

PEPPERS—VARIETIES see subdivision under Kazakhstan

PEPSIN

Specific action of chicken pepsin and new "acid" pig kidney cathepsin on protein substrates. T. P. Evchuk, M. I. Levint, V. N. Orlovich. Biokhimiya 30 no. 5: 886-892 S-O '65.

PEPTIC ULCER

Comparative evaluation of the course of the postoperative period in patients undergoing stomach surgery for cancer and peptic ulcers. S. N. Zakharov, N. N. Kostyleva, V. I. Karsinkov. Nauch. trudy Riaz. med. inst. 11:63-68 '60.

Development of gastric and duodenal ulcer in chronic nonspecific diseases of the lungs. A. V. Suchkov, A. T. Demidov. Sov. med. 20 no. 3:90-94 Mi '65.

Effect of blood transfusion on the function of adrenal glands in peptic ulcer and some hematological diseases. G. D. Simbirskaya. Gemat. i perel. kazni 1:26-29 '65.

Exocrine function of the pancreas and the contracting function of the gallbladder and pyloric sphincter in peptic ulcer. P. V. Smolhovets. Fiziol. zhur. [Ukr.] 11 no. 4:491-497 Ji-Ag '65.

Functional state of the thyroid gland in peptic ulcer. K. M. Pashnikov, A. P. Neustrova. Med. rad. 10 no. 9: 27-31 S '65.

Late results of sanatorium treatment of mucous diseases of the stomach and duodenum. I. I. Kononov. Shor. nauch. rab. vrach. san.-kur. uchr. profsoyuzov no. 1: 90-94 '64.

Portal pressure in peptic ulcers and cancer of the stomach. N. D. Chibrikov. Nauch. trudy Riaz. med. inst. 11:158-160 '60.

Results of health-resort treatment of adolescents and youths with gastric and duodenal ulcers. A. S. Krasavina. Shor. nauch. rab. vrach. san.-kur. uchr. profsoyuzov no. 1:95-97 '61.

Seasonal variations in the secretion of gastric mucus in peptic ulcer. P. D. Babitskiy. Nek. vop. khim. i kraev. pat. no. 3:80-83 '63.

PEPTIDES

Peptides containing N-dichloroacetyl-DL-serine. I. L. Kaulant, N. E. Gobleva, D. P. Deitsova. Izv. AN SSSR Ser. khim. no. 10:1872 '65.

State of research in the field of peptide and protein chemistry. Vest. AN SSSR 35 no. 10 3-9 O '65.

Synthesis and properties of N₆-carbobenzoylphenylalanyl-cystine-2'-3'-phosphite. L. A. Filippova, L. I. Lit. Vest. Moskv. un. Ser. 2 Khim. 20 no. 4:86-88 Ji-Ag '65.

Unit for producing peptide concentrate. IV. D. Sypunov, N. P. Shkhar. Rys. khoz. 11 no. 8:62-64 '65.

PEPTIDES—SPECTRA

Chirgadze, I. U. N. [Infrared spectra and structure of polypeptides and proteins] Infraakusnye spektry i struktura polipeptidov i belkov. Moskva, Nauka, 1965, 134 p.

PERCEPTRONS

Accuracy of predicting systems. V. I. Vasylov, B. K. Svetitskiy. Avtomatika 10 no. 4:21-30 '65.

Algorithm for teaching an open-loop optimizing control system the correct recognition of situations. I. U. N. Cherkovskiy, I. P. Kerechenev. Avtomatika 10 no. 1 41-54 '65.

Automatic discrimination of images; all-Union symposium. V. S. Paim. Vest. AN SSSR 35 no. 10:127-129 O '65.

PERCEPTRONS—CIRCUITS

Contactless elements of the "Alfa" cognitive system using transistors. V. P. Klotenko, I. K. Parra, N. V. Khruashcheva. Avtomatika 10 no. 4 76-80 '65.

PERCH—DISEASES AND PESTS see subdivision under Krasnyy Oskol Region

PERCH—PARASITES see Parasites—Perch

PERCOLATION

Initial pressure gradient of water percolation through concrete. V. N. Zhilenkov. Izv. VNIIG 76:191-195 '64.

Investigation of planned steady percolation on integrators. V. I. Aravin, T. D. Strel'tsova. Izv. VNIIG 70:157-167 '64.

Modelling a vertical watertight barrier in solving percolation problems. T. D. Strel'tsova. Izv. VNIIG 70:215-248 '64.

PERECHIN DISTRICT—LAW ENFORCEMENT

Methods to eliminate conditions which induce lawbreaking. I. Morishev. Rad. pravo 28 no. 7:85-87 O '65.

PERECHIN DISTRICT—PASTURES AND MEADOWS

Studying the underground parts of herbaceous plants of the Rivn (Ukrainian Carpathians) alpine meadows. V. I. Komolov, V. H. Kiselev, M. U. Luchkevych. Ukr. bot. zhur. 22 no. 1:18-57 '65.

PEREDEL'NO (MOSCOW PROVINCE)—OLD AGE

HOMES

They remain in the ranks. N. Pozdnakov. Sots. obesp. 28 no. 11:12-15 N '65.

PEREMYSL' (KALUGA PROVINCE)—FURNITURE INDUSTRY

Beauty of a collective farmhouse. I. Khimov. Sov. poteb. khoz. 9 no. 10:19 '65.

PERENNIALS

Perennial durable lawns. P. S. Novik. Shor. nauch. trudy. RNIi AKKH no. 2:85-89 '63.

Use of perennial flowers in city landscaping. O. A. Bugnovskaya. Shor. nauch. trudy. RNIi AKKH no. 2:100-106 '63.

PERFUMES

Automatic separators for air-liquid mixtures. A. IA. Livshin. Maslozhir. prom. 31 no. 7:33-37 Ji '65.

Contest for the best quality of perfumes and cosmetics. Maslozhir. prom. 31 no. 10:1 O '65.

PERIODIC DISEASE

Hematological changes in periodic disease. A. T. Simonian, A. A. Alvarian, S. A. Pashinian. Zhur. eksp. i klin. med. 5 no. 1:12-18 '65.

PERIODIC FUNCTIONS see Functions, Periodic

PERIODIC LAW

Relation between the nature of hydrogen overvoltage and the metal position in the D. I. Mendeleev periodic system of elements. A. T. Potrenko. Zhur. fiz. khim. 39 no. 2:207-2102 S '65.

PERIODICALS

Outward appearance, format, and production quality of magazines. L. R. Vorshavskii. Poligrafia no. 8: 37-39 Ag '65.

PERIODICALS—BIBLIOGRAPHY see Bibliography—Periodicals

PERIODONTIA

Indications for splinting the incisor teeth in parodontosis
A. A. Kolhar. *Probl. chel.-his khir.* no. 1231-236 '65
Tissue therapy in the compound treatment of parodontosis
L. G. Shcherbina. *Probl. chel.-his khir.* no. 1171-177 '65

PERITONITIS

Histology of the solar plexus in peritonitis. L. N. Goldberg. *Sbor. nauch. trud. TashGMI* 22 382-383 '62
Treatment of diffuse purulent peritonitis. G. V. Khomeriki. *Sob. AN Gruz SSR* 39 no. 3 721-728 '65.

PERIWINKLE (BOTANY) see subdivision under Pyatigorsk

PERLITE (MINERAL)

Heat-insulating and structural perlite. G. I. Prityko. *Stroi. i arkh. Uzb.* 6 no. 8 16-19 Ag '65

PERM—MILITARY EDUCATION

A social worker came to the school. P. Pleshkov. *Voen. znan.* 11 no. 10 31 O '65.

PERM PROVINCE—FIRE PREVENTION

Summing up. S. Tver'ev. *Pozh. delo* no. 9 11-12 S '65

PERM PROVINCE—PATHOLOGICAL SOCIETIES

Work of the Perm Province Society of Pathologists during 1962-63. I. M. Khaletskaya, N. S. Litvinova. *Arkh. pat.* 27 no. 8 88-89 '65

PERM PROVINCE—PETROLEUM GEOLOGY

Possibility of finding oil-bearing reef massifs in the Ural Mountain region portion of Perm Province. V. Z. Khursik. *Dokl. AN SSSR* 164 no. 4 891-893 O '65.

PERM PROVINCE—SALT MINES AND MINING

Rosen, B. I. A. [Permian salt, the history of salt production in the Kama Valley] *Permianka, istoriya solnannogo proizvodstva v Prikam'e.* [Perm'] Perm-skoe knizhnoe izd-vo, 1965. 124 p

PERMAFROST see Frozen ground

PERMALLOYS

Study of Permalloy films with a supercritical hysteresis loop. L. S. Palatnik, L. I. Lukashenko, A. G. Ravlik. *Flz. tver. tela* 7 no. 9 2829-2833 S '65.

PERMANENT ORGANIZATION FOR AFRO-ASIAN PEOPLE'S SOLIDARITY

Why the "second Bandung Conference" was postponed. D. Vol'skii. *Nov. vsem.* 23 no. 16:13-14 N '65

PERMANGANYL FLUORIDE

Molecular orbits of MnO_2F . G. V. Innova, M. E. Diatkina. *Zhur. neorg. khim.* 10 no. 9 2036-2040 S '65.

PERMEABILITY

Some characteristics of the structure of homogeneous porous media. M. I. Vainer. *Izv. AN SSSR. Mekh.* no. 5 166-168 S-O '65

PERMITTIVITY see Dielectric constant

PEROXIDES

Polymerization and copolymerization of some peroxide monomers. T. I. Hirshenko, V. A. Puchin, S. A. Voronov. *Dokl. AN SSSR* 164 no. 6 1335-1338 O '65.
Reactions of organoaluminum compounds with acyl peroxides and anhydrides. G. A. Razuvayev, L. P. Stepovik. *Zhur. ob. khim.* 35 no. 9 1672-1676 S '65

PEROXY ACIDS

Electron paramagnetic resonance spectra of radicals formed in the photolysis of inorganic peroxides and peroxy hydrates. I. F. Franchuk. *Teoret. i eksper. khim.* 1 no. 1 531-535 '65

PERRHENATES

Cerium perrhenate and its crystal hydrates. V. E. Piliushchev, M. B. Varfolomeev. *Izv. vys. ucheb. zav. khim. i khim. tekhn.* 8 no. 3 361-366 '65.

PERSIA see Iran

PERSIAN POETRY—HISTORY AND CRITICISM

Bertel's, E. E. [Selected works] *Izbrannye trudy.* Moskva, Nauka.
[Vol. 3. Sufism and Sufistic literature] *Sufizm i sufistskaya literatura* 1965. 522 p.

PERSONAL PROPERTY see subdivision under Moscow Province

PERSONALITY

Kovalev, A. G. [Psychology of personality] *Psikhologiya lichnosti.* 2. izd., ispr. i dop. Moskva, Prosveshchente, 1965. 287 p.

The movement for communist labor and the all-around development of personality. G. Shemanin. *Trudy MFT* no. 180 108-110 '65.

PERSONNEL MANAGEMENT

Sensitivity and indifference. V. Pavlik. *Aptatol.* 33 no. 10 45-46 My '65.

PERSPIRATION

Some indices of the chemical composition of sweat in lipous patients. N. A. Bakalo. *Vest. dermatov. no. 2* 11-17 '65

PERTURBATION

Derivation of an S-matrix in accordance with the perturbation theory. B. M. Stepanov. *Izv. AN SSSR Ser. mat.* 29 no. 5 1037-1054 '65

PERVOMAI'S KYI, LEONID SOLOMONOVICH, 1900-

Genre of the novel, fortune of a struggle, and the bitterness of wild honey, on the novel "Wild honey" by L. Pervomai'skiy. I. U. Surovsev. *Lit. i ispr.* no. 5 970-297 '61

PERVOURAL'SK (SVERDLOVSK PROVINCE)—IRON AND STEEL PLANTS

Trifonov, I. U. A., comp. [We are workers at the Novotrubnyy Plant] *My -- novotrubniki.* [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1962. 207 p. (Iz istorii uralskikh zavodov) (NIC)

PESTICIDES

From practices in the use of pesticides chemicals. Zashch. rast. ot vred. i bol. 10 no. 7 21-23 '65.

Organic insectofungicides. Part 83. Oxidation of some cyclic compounds by hydrogen peroxide. N. A. Belikov and others. *Zhur. ob. khim.* 35 no. 10 1746-1752 O '65.

Organic insectofungicides. Part 84. Interaction of trialkyl phosphites with thiol monochloroacetates. V. I. Lomakina and others. *Zhur. ob. khim.* 35 no. 10 1752-1759 O '65.

Scientific bases of the synthesis of chemicals for the realization of veterinary hygienic measures in animal husbandry. A. V. Polnikov. *Trudy VNIIVS* 24 3-11 '64.

PESTICIDES—SAFETY MEASURES

Safety measures in working with toxic chemicals. Zashch. rast. ot vred. i bol. 10 no. 7 39-40 '65

PETRELS see subdivision under Bering Sea; Haswell Island

PETROCHEMICAL INDUSTRY

(see also subdivision under Transcaucasia)

Automation of the subassemblies of refrigeration plants for petrochemical industries. V. N. Krotkov. *Khul. tekhn.* 12 no. 5:61-63 S-O '65

PETROCHEMICAL PLANTS—SAFETY MEASURES

Estimate of spark safety in electric induction circuits with ferromagnetic cores. A. I. Sultanovich. *Bezop. truda v prom.* 9 no. 9 40-42 S '65.

PETRODVORETS (LENINGRAD PROVINCE)—CITY PLANNING

What should be the design and construction of Petrodvorets? A. A. Afonchenko. *Stroi. i arkh. Len.* 27 no. 9:20-23 S '65.

PETRODVORETS (LENINGRAD PROVINCE)—HISTORY

Ardikutsa, V. E. [Petrodvorets, a local history essay] *Petrodvorets: istoriko-kraevedcheskii ocherk.* [Leningrad] Lenizdat, 1965. 232 p. (Goroda Leningradskoi oblasti) (CST-II)

PETROLEUM—ANALYSIS

(see also subdivision under Karacha-Yeiga Oil Field, Yel'sk Oil Field)

Table for determining the content of chlorides in petroleum. A. G. Nechayev. *Transp. i khran. nefli i nefteprod.* no. 5 27-28 '65.

PETROLEUM—STORAGE

(see also subdivision under Novorossiysk)

Some problems in the planning and prospective development of bulk plants. N. N. Borisov. *Transp. i khran. nefli i nefteprod.* no. 5 21-23 '65.

PETROLEUM—TRANSPORTATION

Methods for calculating the transportation of petroleum. A. N. Markova, N. N. Shebarshina. *Transp. i khran. nefli i nefteprod.* no. 5 23-26 '65.

PETROLEUM AS FUEL

Filippov, A. P., and I. U. N. Vasil'ev. [Operation of marine internal combustion engines on heavy fuel] *Eksploatacia sudovykh dvigatelov vnutrennego sgoraniia na tverdom toplivo.* Moskva, Transport, 1965. 343 p.

PETROLEUM (GEOLOGY)

(see also subdivision under Apsheron Peninsula, Caucasus, Northern Dvina-Belak Oil Field, Karabag Oil Field, Magdizhan Hills region, Perm Province, Tyumen' Peninsula, Timan Range, Ural Mountains, West Siberian Plain)

Mitshink, M. P., and others. [Geological prerequisites for the development of the petroleum and gas production industry of the U.S.S.R.] *Geologicheskoe posoyki i razvitiia neftegazodobyvatskoi promyshlennosti SSSR.* Leningrad, Nedra, 1965. 112 p.

Structure of the present-day surface of the basement of the U.S.S.R. In connection with the isolation and theoretical evaluation of oil- and gas-bearing basins. N. I. Baidarov, E. V. Zakharov. *Dokl. AN SSSR* 9 no. 1 42-49 Ja '65.

PETROLEUM IN SUBMERGED LANDS see subdivision under Apsheron Peninsula region

PETROLEUM INDUSTRY see subdivision under West Siberian Plain

PETROLEUM INDUSTRY—ACCOUNTING

Centralized accounting office in petroleum supply system. A. Iashan. *Bukh. i chet.* 24 no. 0:16-17 S '65

PETROLEUM INDUSTRY—AUDITING AND INSPECTION see subdivision under Anzhel'skiy

PETROLEUM INDUSTRY—FIRES AND FIRE PREVENTION

Use of porous ceramic metal firebreaks for the localization of flames. M. B. Lev, E. I. Pavlovskiy. *Proekt. i tekhn. b. no. 1:74* 70 Ja '65.

PETROLEUM INDUSTRY—HYGIENIC ASPECTS

68 Chapayev St., Baku. *Otkrytiya i izobreteniya.* 5 no. 10 15-16 O '66.

PETROLEUM INDUSTRY—LABOR PRODUCTIVITY

Methodology for determining labor productivity in the petroleum industry. B. P. Chistov and others. *Rhim. i tekhn. topl. i energ.* 10 no. 10 34-36 S '65.

PETROLEUM INDUSTRY—MANAGEMENT

Uman'skiy, E. M., and M. M. Uman'skiy. [Economics of the petroleum and gas industries] *Ekonomika i fizika i gazovoi promyshlennosti.* Pod red. I. M. Brod'skiy. Moskva, Nedra, 1965. 378 p.

PETROLEUM INDUSTRY—SAFETY MEASURES

Effective means of eliminating manual work in the petroleum industry. A. G. Akhmetshin. *Bezop. truda v prom.* 9 no. 9:27-30 S '65.
Innovative elimination of overnight shifts of designers. T. M. Utkina. *Bezop. truda v prom.* 9 no. 9:55-56 S '65

PETROLEUM PIPELINES—CLEANING

Paraffin wax deposition in petroleum pipeline system. N. D. Gritsev, H. A. Kalmeteva. *Neftekhim. i tekhn.* 31-31 S '65.

PETROLEUM PIPELINES—CORROSION

Disintegration of insulation coatings of anti-corrosive lines produced by mechanical loads. A. A. Gritsev. *Transp. i khran. nefli i nefteprod.* no. 5:6-8 '65.

PETROLEUM PRODUCTION

(see also subdivision under Anzhet'yevka, Irtut'skaya Oil Field, Apsheron Peninsula, Athin Oil Field, Bakhkly; Kuchayly, Kavkazskiy, Neflyanyye Kamal Oil Field, Shapovo Oil Field, Stavropol Territory; Tatar A.S.S.R.; Tyumen' Oil Field)

Concerning a basic theorem of the theory of elastic flow. Sh. A. Gaidarov. *Neftekhim. i tekhn.* 31 no. 9:31-34 S '65.

Determining the permeable wash radius in well bottom zones of mud production. Ch. I. Akhmetov, L. S. Melik-Azalany. *Azeri neftekhim.* 44 no. 6 11-11 Ag '65.

Determining the ultimate recovery from a pool produced by deep pumps. M. M. Sultarov. *Neftekhim. i tekhn.* 30-41 S '66.

Important condition for further development of the petroleum production industry. I. Vainer. *Plan. khoz.* 42 no. 11:31-39 N '65.

Investigation of wells simultaneously separately exploiting two horizons. R. A. Nigmatov, K. S. Idrisov, Khmetov. *Nefteprom. delo* no. 6:10-11 '65.

Ovdatov, S. T., and K. A. Karapetov. [Problems of ultimate recovery in oil field development] *Vopr. i polnye izvlecheniya nefli pri razrabotke neflyanykh mestorozhdenii.* Baku, Azenerhi, 1965. 106 p.
Pressure restoration in well bottoms in thick oil flow. F. A. Zarovskiy, S. G. Kamenetskii. *Nefteprom. delo* no. 9:6-12 '65.

Simple formulas for calculating ultimate recovery of liquid from a layer in initial production. R. I. Muts'kiy. *Neftekhim. i tekhn.* 49 no. 9:39-38 S '65.

PETROLEUM PRODUCTION—COMMUNICATION SYSTEMS

Determining the required frequency for transmitting information on the yield of oil wells. V. R. Vozdumov, V. P. Fadzhev. *Nefteprom. delo* no. 8:21-25 '65

PETROLEUM PRODUCTION—TECHNOLOGICAL INNOVATIONS

Economic expediency of the centralization and combined automation of petroleum production processes. B. I. Oshakov. *Nefteprom. delo* no. 6, 30-31 '65.

PETROLEUM PRODUCTION, THERMAL

In the State Committee on Petroleum Production. *Nefteprom. delo* no. 9, 69-70 '65.

PETROLEUM PRODUCTS

Proposals for the widening of the raw material base for the production of phthalic anhydride. D. A. Gurevich. *Lekskh. zh.* no. 8, 11-12 '65.

Removal of vanadium from oil and petroleum products with the aqueous solutions of sulfuric acid. A. V. Kotova, S. V. Melnikova, V. G. Bonkovskii. *Khim. i tekhnol. masel* no. 10, 29-31 '65.

PETROLEUM PRODUCTS—ANALYSIS

Determination of sodium in petroleum products by the yellow doublet with the use of the ISP-28 spectrograph. L. G. Mashkova, M. I. Orlova, S. B. Sorokina. *Khim. i tekhnol. masel* no. 10, 52-55 '65.

PETROLEUM REFINING

Automatic control of a multichamber tubular furnace. O. F. Shestikhin. *Prom. energ.* 20 no. 10, 11-12 '65.

Emulsiyanov, R. T. [Principles of technological calculations in petroleum refining.] *Osnovy tekhnologicheskikh raschetov v nefteperabotke*. Moskva, Khimika, 1965. 543 p.

Paralysis of the product of petroleum refinery for the purpose of obtaining monomers. Kh. I. Aleshin, G. O. Chivadze. *Neft. AN Gruz. SSR* 10 no. 1, 59-66 '65.

PETROLEUM REFINING—EQUIPMENT AND SUPPLIES

Corrosive exfoliation of metals of petroleum refinery low temperature equipment. A. V. Shelders, I. S. Shugrina, N. P. Zhuk. *Khim. i tekhnol. masel* no. 9, 29-32 '65.

PETROLOGY see subdivision under Siberian Platform

PETROPAVLOVSK—MACHINERY INDUSTRY—LABOR PRODUCTIVITY

Potentialities and labor productivity. V. Makhunov. *Nat. teor. korr. del.* 21 no. 10, 10-51 '65.

PETROVSKOYE DISTRICT—SOWING

Good sowing. V. Chachin. *Agr. i tekhnol.* 33 no. 10, 11-16 '65.

PEUCEDANUM

Chemical study of limestone Peucedanum latifolium M. B. and Peucedanum calcareum Alb. D. I. Baranau-shviler, G. K. Nikonov. *Apt. delo* 11 no. 1-2, 20-26 '65.

PHAGOCYTOSIS

Phagocytic activity of toy leukocytes in the process of growth of the Rouleau com. A. I. Todorov. *Mikrobiol. zh.* 26 no. 1, 11-20 '64.

Possibility of detecting the botulinus toxin in water by the method of determining the phagocytic index. S. M. Minervin and others. *Mikrobiol. zh.* 26 no. 1, 13-17 '65.

PHANEROGAMS

New chromosome numbers of flowering plants. V. G. Grif. *Bot. zh.* 50 no. 8, 1133-1135 '65.

PHARMACEUTICAL RESEARCH

Replacing of extemporaneous drugs with tablets. K. F. Kulesh, N. A. Buglim, P. A. Konev. *Apt. delo* 14 no. 1, 10-26 '65.

PHARMACOLOGY

Comparative evaluation of the effectiveness of treating Botkin's disease with ASK-41 and glucose. T. Kh. Nalzhukidzina, A. G. Shamsutdinova. *Shor. nauch. tr. TashGMI* 22:191-198 '62.

Pharmacological properties of the cardiac glycoside boveoside A. M. A. Angara'ka, P. H. Bozira, D. A. Tkachenko. *Farmats. zh.* 20 no. 1, 77-78 '65.

Use of the preparation ASK-41 in treating Botkin's disease in children. Kh. A. Imanova, V. S. Abanglanta. *Shor. nauch. tr. TashGMI* 22:281-290 '62.

PHARMACOLOGY—ABSTRACTS

[Pharmacology. Toxicology] Ref. zh. Farm. Toks. nos. 20, 22 '65.

PHARMACY see subdivision under Czechoslovakia, Ukraine

PHARMACY—BIBLIOGRAPHY see Bibliography—Pharmacy

PHARMACY—EQUIPMENT AND SUPPLIES

Accelerated method for the filtering of concentrates. F. M. Mmza, A. M. Kats. *Apt. delo* 14 no. 1, 70-72 '65.

Device for sealing bottles. I. L. Dzokhsman. *Apt. delo* 11 no. 1, 72-73 '65.

PHARYNX—CANCER

Use of X-ray methods of study in diagnosing cancer of the laryngopharynx and larynx. V. M. Khavinec, Sobh. AN Gruz. SSR 30 no. 3, 737-744 '65.

PHASE CONVERTERS

Low-frequency phase regulator. V. L. Ishutovskii. *Izv. vys. ucheb. zav. elektromekh.* 8 no. 8, 901-904 '65.

PHASE MICROSCOPY

Use of phase contrast microscopy in studying the localization of glycogen. A. A. Voloschenko. *Arkhanat.*, *gist. i tekhnol.* 19 no. 7, 113-114 '65.

PHASE RULE AND EQUILIBRIUM

Determining the hardenability of alloy steel by diagrams of isothermal transformation in austenite. V. N. Lomanin, E. I. Malinkina. *Metall. i term. obrab. met.* no. 9, 87-91 '65.

Factors determining the type of constitutional diagram for binary systems formed by refractory oxides. S. G. Trusvatskiy, L. M. Lopato. *Porosh. met.* 1 no. 5, 35-40 '64.

Interaction of metallic cerium with its fused trichloride and the equilibrium constant of the reaction $\text{Ce (liquid)} + 2\text{CeCl}_3(\text{molten}) \rightleftharpoons 3\text{CeCl}_2(\text{molten})$. M. V. Smirnov, V. S. Ilov. *Elektr. khim. i tekhnol.* 1 no. 7, 833-838 '65.

Investigating the kinetics of phase transformations in a specimen of argon-nickel and copper oxides. A. F. Bessonov, V. M. Ushakov, A. S. Iakovlev. *Izv. vys. ucheb. zav. i tekhnol. met.* 8 no. 5, 49-53 '65.

Phase diagram of collagen and the interpretation of the heat of order-disorder transition in water. S. JA. Frenkel and others. *Dokl. AN SSSR* 165 no. 1, 119-152 '65.

Phase equilibria in the ternary systems isobutylaldehyde-isobutyl alcohol - water and isovaleraldehyde - isobutyl alcohol - water. A. G. Morachevskii, N. A. Smirnova, R. V. Lyzova. *Zhur. prikl. khim.* 38 no. 6, 1262-1267 '65.

Phase equilibrium in the ternary systems of the fourth and fifth groups of transition metals with carbon. T. F. Fedorov, F. I. Gladyshevskii. *Porosh. met.* 5 no. 1, 37-10 '65.

Phase relations in the system $\text{BaO}-\text{CoO}-\text{Fe}_2\text{O}_3$. M. A. Vinnik. *Zhur. neorg. khim.* 10 no. 8, 2137-2144 '65.

Possibility of equilibrium disturbance in a heterogeneous system containing an intercomponent due to solid phase recrystallization. V. I. Spitsyn and others. *Dokl. AN SSSR* 165 no. 1, 147-148 '65.

Present state of the problem of transformations in supercooled austenite. R. I. Fatin. *Izv. AN SSSR, Met.* no. 5, 60-82 '65.

The structure of silver amalgams. S. A. Kullig, R. Sh. Shkhar, I. A. Yakovlev. *Izv. vys. ucheb. zav. i tekhnol. met.* 8 no. 5, 59-60 '65.

Tolopov, N. A., and others. [Constitutional diagrams of silicate systems a handbook.] *Diagrammy sostoianni silikatnykh sistem, spravochnik*. Moskva, Nauka, No. 1 [Binary systems] *Dvoynye sistemy* 1065 '65 p.

Transformation of austenite in alloyed cast iron during continuous cooling. R. I. Pietnik, M. P. Braun. *Lit. proizv.* no. 9, 35-36 '64.

Transformations during the powder heating for SAP [sintered aluminum powder]. A. I. Palsov and others. *Trudy MATT* no. 83, 30-37 '65.

PHASEMETER

Designing the circuit of a thermodynamic phase meter. N. V. Matyushenko. *Izv. tekhnol.* no. 9, 35-39 '65.

PHASANTS see subdivision under Volga Delta

PHENACET

Decomposition of phenacet by sulfuric acid at atmospheric pressures. Report no. 2. I. A. Katkov and others. *Trudy Inst. met. i obog. AN Kazakh. SSR* 14:38-40 '65.

Interaction of phenacet with calcium carbonate during sintering. A. I. Zagubiy, I. A. Katkov. *Trudy Inst. met. i obog. AN Kazakh. SSR* 12:109-119 '65.

Rate of decomposition of phenacet in sulfuric acid. Report No. 1. A. I. Zagubiy, I. A. Katkov, V. D. Fononov. *Trudy Inst. met. i obog. AN Kazakh. SSR* 14:21-35 '65.

PHENICIAN EXPLORERS see Explorers, Phénician

PHENOBARBITAL

Treatment of epileptics with amiazine combined with luminal. G. A. Sifonov. *Trudy Vor. med. inst.* 51:158-160 '63.

PHENOL CONDENSATION PRODUCTS

Copolymerization of unsaturated novolak resin ester with styrene. A. IA. Tsybul'ko, T. E. Lipatova, I. S. Lipatov, I. S. Lipatov. *Vysokom. soed.* 7 no. 9, 1826-1832 '65.

Prediction and properties of carbazole-phenol-formaldehyde resins. T. G. Novikova, T. I. Akasova, A. M. Belikova. *Lekskh. zh.* no. 8, 39-42 '65.

Synthetic use of novolak resin phosphates. T. F. Nifant'ev, S. G. Fedorov. *Dokl. AN SSSR* 164 no. 6, 1327-1330 '65.

PHENOLOGY

Regulation of the seasonal development rhythm of perennial nemoral phenoids under experimental conditions. T. K. Goryshina. *Pliziol. i tekhnol.* 12 no. 3, 519-550 '65.

PHENOLS

Activity of isomeric picolines, cresols, and xylenes in catalytic conversions with steam. L. I. Zanyshilova, T. A. Slobozhkova, A. A. Balandin. *Vest. Mosk. un. Ser. 2 Khim.* 20 no. 1, 39-41 '65.

Arylation of phenol by styrene in the presence of orthophosphoric acid. A. A. Gaidukhin, M. I. Artyukov. *Izv. vys. ucheb. zav. i tekhnol. khim.* 8 no. 3, 169-175 '65.

Chlorination of phenol. V. A. Nekrasov, V. I. Zaitkin. *Zhur. prikl. khim.* 38 no. 6, 1107-1109 '65.

Determination of phenols in water by diazotized p-aminodinitrobenzene. M. P. Babkin, A. I. Gupsteyn. *Izv. vys. ucheb. zav. i tekhnol. khim.* 8 no. 3, 521-522 '65.

In vivo effect of 2, 4-dinitrophenol on the content of acid-soluble nucleotides of guinea pig liver and muscle. V. L. Zhukov. *Biokhimiya* 50 no. 5, 1027-1031 '65.

Monobromophenols. Part 6. Reaction kinetics of monobromophenols with phenols. V. O. Rekhel'd, V. A. Prokhorova. *Zhur. ob. khim.* 35 no. 10, 1826-1829 '65.

Quantitative chromatographic analysis of phenols in smoked fish. A. I. Udal'tala, T. M. Lebedeva. *Ryb. khoz.* 41 no. 9, 75-77 '65.

Resources, production, and utilization of coal-chemical phenols. G. M. Ozeriskii, N. M. Pats, N. I. Shilina. *Koks i khim.* no. 8, 11-15 '65.

Synthesis of polyarylates based on 2, 4-di-(1-hydroxy-3-methylphenyl)propane. V. V. Koschak and others. *Vysokom. soed.* 7 no. 9, 1833-1836 '65.

PHENOLS—THERAPEUTIC USE

Practices in treating fascioliasis in cattle. G. G. Burkan, S. G. Afrikanov. *Veterinariia* 42 no. 10, 47-48 '65.

Testing hexachlorophene in fascioliasis of sheep. N. V. Demidov, M. Babianskaya, A. Vlasovskaya. *Veterinariia* 42 no. 10, 45-47 '65.

PHENOXY GROUP

Synthesis of p-phenoxystyrene homologs. M. G. Rudenko, I. G. Turianchik. *Izv. AN SSSR, Ser. khim.* no. 10, 1869-1870 '65.

PHENYLENEDIAMINE

Quantitative polarographic determination of microconcentrations of p-phenylenediamine and benzidine. I. I. Belik, *Lab. delo* no. 10, 584-585 '65.

PHIOPHORIDES—SPECTRA

Spectral and photochemical properties of chlorophyllides and pheophorbides. J. G. Savkina, V. B. Lvstigneev, V. S. Chudak. *Biokhimiya* 50 no. 5, 1071-1079 '65.

PHILIPPINES—POLITICS AND GOVERNMENT

The Philippines. A. Orlov. *Mezhdunar. zhurn.* 12 no. 11, 152-151 '65.

PHILIPPINES—RELATIONS (GENERAL) WITH THE UNITED STATES

"You can't lose anything except the Americans!" A. Orlov. *Azi. i Afr. soz.* 0 no. 10, 14-15 '65.

PHILOLOGY

Voronezh. Universitet. [Problems of philology and the methodology of teaching foreign languages] *Voprosy filologii i metodiki prepodavaniia inostrannykhazykov*. Voronezh, 1964. 170 p. (GU) (NNC)

PHILOSOPHICAL ANTHROPOLOGY

Social and theoretical sources of philosophical anthropology. P. V. Korneev. *Vest. Mosk. un. Ser. 8: Ekhn.* filoz., 20 no. 5, 65-74 '65.

PHILOSOPHY

Lomonosov and Russian philosophy, on the 200th anniversary of Lomonosov's death. I. A. Shestpanov. *Vest. Mosk. un. Ser. 8: Ekhn. filoz.* 20 no. 5, 333-15 '65.

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—Philosophy

PHILOSOPHY—CONGRESSES

Zonal scientific conferences on philosophy. V. G. Sastroshkin and others. *Nauch. dokl. vyz. shkoly, filoz. nauki* 8 no. 5, 131-135 '65.

PHILOSOPHY—PERIODICALS see subdivision under Europe, Eastern, Poland

PHILOSOPHY, ANCIENT

Asmus, V. F. [History of ancient philosophy] Istoriia antichnoi filosofii Moskva, Vysshaya shkola, 1965, 319 p.

PHILOSOPHY, UKRAINIAN

Academic conference in Lvov. Rad. It. 9 no. 9 95 S '65.

PHLEGMON

Clinical aspects and treatment of submasseteric phlegmons. A. V. Kolodkin. Probl. chel.-lit. khim. no. 1 142-144 '65.

Treatment of anaerobic phlegmon in cows. A. F. Burdeniuk. Veterinariia 42 no. 10 58-60 O '65.

PHONONS

Electron and phonon relaxation in semimetals. S. V. Fel'dman. Fiz. tver. tela 7 no. 9 2660-2665 S '65.

Negative longitudinal magnetoresistance in scattering on acoustical phonons. L. S. Dubinskaya. Fiz. tver. tela 7 no. 9 2821-2828 S '65.

Spin-inverting electron interaction with optical phonons in semiconductors. S. T. Pavlov, I. A. Firsov. Fiz. tver. tela 7 no. 9 2634-2647 S '65.

PHONORECORD INDUSTRY—MECHANIZATION see subdivision under Leningrad

PHONORECORDS—CATALOGS

[Soviet long-playing phonorecords] Sov. dolgogi gramplast nos 6-11 '64, nos 1-5 '65.

PHOSGENE

Action of phosgene on 1-alkyl-1,2-dihydro-2-quinolones and some reactions taking place between the compounds formed. N. N. Sveshnikov, N. A. Damiir. Dokl. AN SSSR 164 no. 5 1077-1080 O '65.

PHOSPHATASES

Activity of glucose-6-phosphatase and alkaline phosphatase of the liver in mice during treatment with some antitubercular preparations. G. A. Dastar. Vopr. med. khim. 11 no. 1 53-60 Ja-F '65.

Alkaline phosphatase activity of the blood and bone marrow in children with leukemia. V. A. Leonov, A. K. Ustinovich. Dokl. AN BSSR 9 no. 1 55-56 Ja '65.

Course of pneumonia in very young children with rickets and the variability of alkaline phosphatase. O. F. Ignatova. Sbor. nauch. tr. TashGMI 22 134-139 '62.

Effect of "mumie" on the regeneration of bones and alkaline phosphatase of the blood in fractures of the tubular bones in an experiment. A. Sh. Shakhrov. Ortop. travm. i protez. 26 no. 5 24-27 My '65.

State of the activity of alkaline and acid phosphatases in chronic hepatitis and cirrhosis of the liver. E. E. Gupalo. Arkh. pat. 27 no. 10 66-70 '65.

Study of the phosphodiesterase activity of saprophytic bacteria. I. B. Leshchinskaya. Mikrobiologiya 34 no. 5 786-792 S-O '65.

PHOSPHATES

Phosphate raw materials as alloying additives. M. M. Sychev, V. I. Korneev. Tsement 31 no. 5 67-7 S-O '65.

Physicochemical and catalytic characteristics of the complexes of polyphosphates with proteins and RNA. I. E. El'pinner, I. I. Biaginskaya. Biokhimiia 30 no. 5; 1040-1047 S-O '65.

Solubility in the system $MgO - P_2O_5 - H_2O$ in its metastable state. M. E. Pozin, B. A. Kopylov, M. M. Talmud. Zhur. prikl. khim. 38 no. 6 1267-1273 Ja '65.

PHOSPHATES—EFFECT ON PLANTS see Plants, Effect of phosphates on

PHOSPHATIDES

Phospholipid composition of nervous system cells in the evolution aspect. E. M. Kreps. Ukr. biokhim. zhur. 37 no. 5 734-741 '65.

PHOSPHAZO COMPOUNDS

Aldoxy and aryldichlorophosphazonyl aryls. Zh. M. Ivanova, E. S. Levchenko, A. V. Kirsanov. Zhur. ob. khim. 35 no. 9 1607 S '65.

PHOSPHINE

Addition of ethyl- and phenyldichlorophosphines to alkylene sulfides. O. N. Nuretdinova. Izv. AN SSSR, Ser. khim. no. 10 1901-1902 '65.

Preparation of tetraalkyl(aryl)alkylenediphosphine oxides based on methylphosphines. K. A. Petrov, V. A. Parshina, A. F. Menailov. Zhur. ob. khim. 35 no. 9 1602-1608 S '65.

PHOSPHINE OXIDE

Aliphatic-aromatic oxides and phosphine monosulfides. V. S. Tsvetunin, G. Kh. Kamal, V. V. Kormachev. Zhur. ob. khim. 35 no. 10 1819-1821 O '65.

Basicity of phosphines and the electronic properties of some organophosphorus groups. A. I. Bokanov, B. A. Forolev, B. I. Stupakov. Zhur. ob. khim. 35 no. 10 1879-1880 O '65.

Mechanism of the radiation polymerization of diphenylvinylphosphine oxide. I. G. Chukrbaev, B. I. Tsetlin, S. R. Radikov. Vysokom. soed. 7 no. 9 1189-1191 S '65.

Method for obtaining the oxides of unsymmetrical tertiary phosphines. M. I. Kabachnik, T. A. Mastukova, A. I. Shipov. Zhur. ob. khim. 35 no. 9 1371-1377 S '65.

Reaction of alkylidichlorophosphine oxides with carbonyl compounds. S. Z. Ivan and others. Zhur. ob. khim. 35 no. 10 1879 O '65.

Synthesis of thiooxides of diethyl (diphenyl)- α -(alkoxy)- β -alkoxyphosphines, α -(alkoxy)vinylphosphines, and α -(vinoxy)ethylphosphines. V. S. Tsvetunin, G. Kh. Kamal, R. Sh. Khaisamutdinova. Zhur. ob. khim. 35 no. 10 1815-1817 O '65.

PHOSPHINIC ACIDS

Oxidative chlorophosphination of polyvinyl acetate. S. R. Radikov, G. N. Chelnokova, I. V. Aitmanova. Vysokom. soed. 7 no. 9 1609-1613 S '65.

Polymerization and copolymerization of α - and β -carbaldoxyvinyl phosphinates. A. N. Pudovik, R. G. Kuzovleva. Vysokom. soed. 7 no. 9 1539-1542 S '65.

Synthesis and alkylation of dipropyl phosphinites of 1,2-5,6-dicyclobutylidenegluconose, 1,2-isopropylidene-5,6-dimethylglucose, and 3,4-isopropylidene- β -methyl- α -D-glucoside. E. I. Nifant'ev, A. A. Shchegolev. Vest. Mosk. un. Ser. 2: Khim. 20 no. 1 80-82 Ji-Ag '65.

PHOSPHINIC CHLORIDE

Preparation of β , β -dimethylvinylphosphinyl dichloride and some of its derivatives. G. Kh. Kamal, V. S. Tsvetunin, S. Kh. Nurdinov. Zhur. ob. khim. 35 no. 10 1818-1819 O '65.

Reaction of anhydrous oxalic acid with alkylphosphinyl dichlorides. O. K. Smirnov. Zhur. prikl. khim. 38 no. 6; 1109-1112 Ja '65.

PHOSPHINOUS ACID

Preparation and rearrangement of mixed phenylphosphinous esters. V. K. Khafullin. Izv. AN SSSR, Ser. khim. no. 10 1792-1798 '65.

PHOSPHINOUS CHLORIDE

Condensation reaction of diethyl (diphenyl)-chlorophosphine with α , β -dichloroethyl alkyl ethers. V. S. Tsvetunin and others. Zhur. ob. khim. 35 no. 10 1811-1814 O '65.

PHOSPHOMOLYBDIC ACIDS

Formation of phosphomolybdic and germanomolybdic heteropoly acids. Z. F. Shakhova, E. N. Dorokhova. Zhur. neorg. khim. 10 no. 9 2060-2064 S '65.

Reduction reaction of phosphomolybdic acid by tinous in the presence of copper ions. B. E. Roznik, I. P. Tsyganok. Izv. vyz. ucheb. zav. i khim. i khim. tekhn. 6 no. 3 392-396 '65.

PHOSPHONIC ACID

Dithiocyanates and dithiothionates of alkylphosphonic acids. G. I. Derkach and others. Zhur. ob. khim. 35 no. 10 1881-1882 O '65.

Herbicides and plant regulators. Part 43: Reaction of N,N-dimethylamidomethylphosphonyl chloride with anilines. N. N. Melnikov and others. Zhur. ob. khim. 35 no. 10 1771-1774 O '65.

PHOSPHONITRILE CHLORIDE

Reactions of phosphonitrile chloride and its derivatives with platinum complexes. G. V. Derbisher, A. V. Babaeva. Zhur. neorg. khim. 10 no. 9 2104-2106 S '65.

PHOSPHONIUM COMPOUNDS

Stable salts of alkorylamphosphoniums with a delocalized cation charge. M. I. Kabachnik, V. A. Giliarov, M. M. Iusupov. Dokl. AN SSSR 164 no. 4 812-815 O '65.

PHOSPHONOUS ACID

Alcoholysis of β -fluoroethyl phosphites and phosphonites. E. E. Nifant'ev, I. V. Fursenko. Zhur. ob. khim. 35 no. 10 1882 O '65.

PHOSPHORESCENCE—SPECTRA

Spectrum of the action of visible-light induced phosphorescence of aromatic amine acid solutions irradiated with ultraviolet rays at 77°K. S. L. Aksonov, V. I. Olenov, I. U. Vladimirov. Biofizika 10 no. 5 877-878 '65.

PHOSPHORIC ACID

Arylalkylation of phenol by styrene in the presence of orthophosphoric acid. A. A. Gadzhialayev, M. I. Akhlopov. Izv. vyz. ucheb. zav. i khim. i khim. tekhn. 8 no. 3 469-475 '65.

Synthesis of dialkylcarboxylic phosphates. A. A. Shamshurin, O. T. Krivishchenkova, M. Z. Krimer. Zhur. ob. khim. 35 no. 10 1877-1878 O '65.

PHOSPHORIC TRIAMIDE

Amides and anhydrides of phosphoric acid. Part 8: Reaction of amides of phosphoric acid with carboxylic acid anhydrides. V. P. Evdokov, E. R. Shchukova. Zhur. ob. khim. 35 no. 9 1587-1591 S '65.

Isoline containing acyltrimethylene triamides of phosphoric acid. I. D. Ptushenko, L. A. Negievich. Zhur. ob. khim. 35 no. 9 1561-1566 S '65.

PHOSPHOROCHLORIDIC ACID

Interaction of ring-forming chlorophosphites with dicarboxylic acids. B. A. Arbutov, L. A. Shapchinskaya, V. M. Trukhina. Izv. AN SSSR, Ser. khim. no. 10 1870-1876 '65.

PHOSPHORODITHIOIC ACID

Synthesis of O, O-dialkylthiophosphoric acids and their salts. M. G. Imayev. Zhur. ob. khim. 35 no. 10 1861-1866 O '65.

PHOSPHORODITHIOIC ACID—TOXICOLOGY

Sulphur preparation in heat-aphid control. N. I. Kostyko. Trudy VIZR no. 20 pt. 1: 25-27 '64.

PHOSPHOROTHIOIC ACID

Physicochemical properties of O, O-dialkyl esters of arylsulfonyldithiophosphoric and thiophosphoric acids. Part 1: Acidity constants of some O, O-dialkyl esters of arylsulfonyldithiophosphoric acids in ethanol-water mixture and the applicability of Hammett equation to the above-mentioned compounds. I. Zanko and others. Zhur. ob. khim. 35 no. 10 1860-1871 O '65.

PHOSPHOROUS ACID

Organic insecticides. Part 64: Interaction of trialkyl phosphites with thiol monochloroacetates. V. I. Lomakina and others. Zhur. ob. khim. 35 no. 10 1752-1759 O '65.

Reaction of phosphorous acid esters with 1,1-diphenyl-ethane hydroperoxide. P. A. Kizilechikov and others. Dokl. AN SSSR 161 no. 5 1050-1053 O '65.

PHOSPHORS

Aging of the Ef-510 electroluminescent in liquid state. G. G. Vozgub, P. I. Romanov. Radiotekhnika i elektronika 11 no. 10 15-18 O '65.

PHOSPHORUS

Phosphorus vapor pressure over a silicon melt alloyed with phosphorus. V. S. Zamekov. Izv. AN SSSR, Neorg. mat. 1 no. 5 648-654 My '65.

Reaction mechanism of direct halogenylation of elementary phosphorus. B. M. Glushko and others. Zhur. ob. khim. 35 no. 9 1570-1574 S '65.

PHOSPHORUS—ANALYSIS

Determination of phosphorus in organic compounds by photometry. I. A. Mandelbaum, A. I. Gurev, A. I. Iskova. Zhur. anal. khim. 20 no. 8 873-874 '65.

New methods for the determination of phosphorus. A. A. Fudorov, I. P. Sudakov. Zhur. anal. khim. 20 no. 8 881 '65.

PHOSPHORUS—COMBUSTION

Atomizer for burning liquid phosphorus. A. S. Mironov. Khim. Khim. i neft. mashinost. no. 8 33 S '65.

PHOSPHORUS—EFFECT ON PLANTS see Plants, Effect of phosphorus on

PHOSPHORUS—PHYSIOLOGICAL EFFECT

Effect of phosphorus on the development and metabolism of Actinomyces n. n. 120. A. N. Medvedev, O. Z. Grahovskaya, M. M. Levitsky. Mikrobiologiya 14 no. 1 611-616 Ji-Ag '65.

Urea phosphate in stock breeding. A. A. Shumilina. Priroda 54 no. 10 87-88 '65.

PHOSPHORUS ACIDS

Alcoholysis of β -fluoroethyl phosphites and phosphonates. E. E. Nifant'ev, I. V. Fursenko. Zhur. ob. khim. 35 no. 10 1882 O '65.

Amides and anhydrides of phosphoric acids. Part 7: Mixed acid anhydrides of trivalent and pentavalent phosphorus. Synthesis and some properties. I. I. Mironov, V. P. Evdokov, L. U. Sandalova. Zhur. ob. khim. 35 no. 10 1871-1876 O '65.

Amides and anhydrides of phosphoric acids. Part 7: Synthesis and some conversions of phosphonic acid anhydrides. V. P. Evdokov, E. I. Alipova. Zhur. ob. khim. 35 no. 9 1504-1507 S '65.

Ethylentrioxides of phosphoric and phosphoric anhydrides. K. A. Petrov, A. I. Gavrilova, M. M. Butlov. Zhur. ob. khim. 35 no. 10 1850-1863 O '65.

Reactions of esters of trivalent phosphorus acids with esters of pyruvic acid. A. V. Pudovik, I. V. Komarov. Zhur. ob. khim. 35 no. 9 1501-1505 S '65.

Studies in the series of phosphinic and phosphonic acid derivatives. Part 32: Reaction of orthophosphoric acid with half esters of phosphorous and phosphonic acids. A. I. Razumov, V. V. Moskva. Zhur. ob. khim. 35 no. 9 1505-1508 S '65.

PHOSPHORUS COMPOUNDS

Accumulation of nucleic and other forms of phosphorus, total and protein nitrogen in maturing lupine seeds. A. S. Vecher, I. V. Mitosheva. *Biokhimiya* 30 no. 5, 939-940 5-O '65

Content of acid soluble phosphorus compounds in different variants of *Bacillus licheniformis* G.-B. V. N. Stokov, V. M. Glazer, S. V. Shestakov. *Mikrobiologiya* 31 no. 1, 581-589 JI-Ag '65.

PHOSPHORUS ISOTOPES

Critical evaluation of the method of radioisotope diagnosis of diseases of the breast using P^{32} . I. P. Melnichuk, I. A. Uskov. *Med. rad.* 10 no. 9, 68-75 S '65.

Significance of the radioindication method using P^{32} in complex diagnosis of cancer of the facial skin. B. A. Konoval, I. P. Melnichuk, I. A. Uskov. *Med. rad.* 10 no. 9, 75-83 S '65.

PHOSPHORUS ISOTOPES—THERAPEUTIC USE

Inclusion of P^{32} in nucleic acids and of ^{33}P in proteins of malignantly degenerating capillaries of connective tissues. A. Kh. Kogan, G. A. Mdiv, N. S. I. Shubin. *Vop. med. khim.* 11 no. 1, 70-75 Ja-F '65

PHOSPHORUS METABOLISM

Dynamics of phosphorus compounds in oat plants as related to the conditions of nutrition. L. N. Kartseva. *Agrokhiimiya* no. 10, 21-32 O '65.

Effect of the conditions of mineral nutrition on the phosphorus metabolism, yield, and quality of green tea leaves. R. K. Guseinov, Z. B. Agalarova. *Agrokhiimiya* no. 10, 42-49 O '65.

Effect of the level of phosphate nutrition on the phosphorus metabolism and synthesis of proteins in plants. G. V. Udovenko, N. N. Bezliudnyl. *Agrokhiimiya* no. 10, 38-41 O '65.

Separate determination of nucleotides and sugar phosphates. A. V. Kochetavkin. *Agrokhiimiya* no. 10, 152-153 O '65.

PHOSPHORUS ORGANIC COMPOUNDS see Organic phosphorus compounds

PHOSPHORYL CHLORIDE

Addition of phosphorus acid chlorides to alkylene sulfides. O. N. Nuretdinova. *Zhur. ob. khim.* 35 no. 10, 1380 O '65.

Unsaturated phosphinic acids and their derivatives Part 1. Synthesis of phosphinic acid chlorides with diene and acetylene radicals. L. N. Mashilakovskii, B. I. Ionin. *Zhur. ob. khim.* 35 no. 0, 1577-1584 S '65

PHOSPHORYLASE

Activity of muscular phosphorylase "Y" under various conditions of pericrySTALLIZATION and storage. P. I. Vulfson, I. K. Skolyshcheva. *Vop. med. khim.* 11 no. 1, 99-101 Ju-J '65

Phosphorylase activity and protein-bound noradrenaline in the heart of a rabbit. M. P. Batts. *Biokhimiya* 30 no. 5, 922-926 S-O '65.

PHOSPHORYLATION

Dissociation of oxidation from phosphorylation in cerebral mitochondria in in thyrotoxicosis and its reversibility. R. R. Rachev. *Vest. AMN SSSR* 20 no. 10, 63-72 '65.

Hypoxic and oxidative phosphorylation in mitochondria of the various regions of the brain. L. F. Panchenko, Nnash, dokl. vye. shkoly, biol. nauk no. 4, 74-77 '65.

Oxidative phosphorylation in *Bac. subtilis* and *Bac. megateriensis*. I. D. Kolchinskaya, N. Z. T. T. Ivanova, L. P. Drymova. *Mikrobiol. zhur.* 26 no. 4, 33-37 '64

Particular features of oxidative phosphorylation in denervated skeletal muscles. S. E. Sovol in and others. *Ukr. biokhim. zhur.* 37 no. 5, 787-797 '65.

Phosphorylation of colludose with dialkylphosphoryl chlorides. A. D. Kiselev, N. A. Aksanova, L. E. Kutsenko. *Zhur. prikl. khim.* 38 no. 6, 1355-1360 Je '65.

Phosphorylation of 1-cyanocarboxylic acids. V. I. Shcherbenko, P. P. Kozmina, A. V. Kirsanov. *Zhur. ob. khim.* 35 no. 9, 1598-1602 S '65.

PHOTOCHEMISTRY

Certain regularities in the direct liquid phase photooxidation of trichloroethylene. B. G. Isantitskii, G. I. Kovalenko, E. B. Dolbaga. *Dokl. AN SSSR* 181 no. 4, 831-834 O '65.

Effect of exposure to light on the electrode potential of selenium and zinc in selenous acid solutions. IU. N. Mnzhalin, E. I. Ponomareva. *Trudy Inst. met. i obog. AN Kazakh. SSR* 12, 85-86 '65.

Effect of the admixtures of iron salts on the processes of photolysis and radiolysis of hydroxy acids. T. S. Chikman, V. A. Kalibabchuk, V. P. Sosnovskaya. *Zhur. ob. khim.* 35 no. 9, 1590-1594 S '65.

Electron paramagnetic resonance spectra of radicals formed in the photolysis of inorganic peroxides and peroxy hydrates. I. F. Franchuk. *Teoret. i eksper. khim.* 1 no. 4, 531-535 '65.

Nature of the rate limiting step in thermal and photochemical decomposition of ionic crystals. V. V. Boldyrov, A. A. Medvedevskii. *Kin. i kat.* 6 no. 3, 550-553 My-Je '65.

Oxidation-reduction potential of the photo-reduced form of chlorophyll in pyridine. V. B. Fyftignov, V. A. Gavrilova. *Biokhimiya* 10 no. 5, 770-781 '65

Photooxidation of chlorophyll in pulsed illumination. A. K. Chibrikov, A. V. Karabin, M. E. Zubrilina. *Zhur. fiz. khim.* 39 no. 9, 2291-2293 S '65.

Photo-reduction of silver ions on zinc oxide. G. A. Korzunovskii. *Zhur. fiz. khim.* 39 no. 9, 2138-2141 S '65.

Photo-sensitivity of polyvinyl cinnamate and its nitro derivatives. A. P. Bellakova and others. *Vysokom. sood.* 7 no. 9, 1637-1640 S '65

Spectral and photochemical properties of chlorophyllides and theophorbates. I. G. Sivkina, V. B. Fyftignov, V. S. Cindai. *Biokhimiya* 30 no. 5, 1071-1078 S-O '65

PHOTOCONDUCTIVITY

Absorption spectra, electric conductivity, and photoconductivity of polyaza polyarenes. G. N. Demidova and others. *Elektronika* 1 no. 0, 115-1149 S '65.

New effect of increased photoconductivity of organic semiconductors in a weak magnetic field. I. L. Frankovich, E. I. Balabanov. *Plu. v. red. Zhur. ekaper. i teoret. fiz.* 1 no. 6, 33-37 Je '65

PHOTOELASTICITY

Photoelastic method for determining the stressed state of models using the photoelasticity technique under both dynamic and static conditions. A. V. Kottnev and others. *Zav. lab.* 31 no. 9, 1110-1122 '65.

Studying stress conditions of the mobile frame of the SKEM-3G heat harvesting combine by the optical method. A. M. Gruncheva, IU. R. Brusilovskii, P. P. Glushchenko. *Trakt. i sel'khozmasb* no. 8, 27-29 Ag '65.

Using the photoelasticity method for the analysis of stresses in rubber-metal valves. G. M. Bartonev, V. S. Ilovskii. *Kauch. i rez.* 24 no. 9, 38-42 '65

PHOTOELECTRIC CELLS

Olesh, A. O. [Photoelectric cells] *Fotorezistivnyy Leningrad*, 1965. 28 p. (Leningradskii dom nauchno-fizicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya. Pribury i elementy avtomatik)

Transient characteristics of longitudinal photoeffect. I. I. Tashkin, M. A. Trishchenko. *Radiotekh. i elektron.* 10 no. 10, 1010-1012 O '65.

Transient processes in photoelectric cells with longitudinal photoeffect. A. M. Vasil'ev. *Radiotekh. i elektron.* 10 no. 10, 1839-1844 O '65.

PHOTOELECTRIC MULTIPLIERS

Basic characteristics of the set of the FEU-31 and FEU-61 photomultiplier. O. S. Shulov. *Uch. zap. LGU* no. 32, 85-103 '65.

PHOTOELECTRICITY

Method of differential spectrophotometry based on the measurement of photoelectric current by means of photoelectrocolorimeters. A. I. Lazarev, V. I. Lazareva, Z. V. Iugazova. *Zav. lab.* 31 no. 9, 1054-1056 '65.

Photoelectric phenomena in diluted alkali metal amalgams. V. R. Lazarev, IU. I. Melov. *Dokl. AN SSSR* 164 no. 4, 446-448 O '65.

PHOTOGRAPHIC EMULSIONS

Formula calculations of an emulsion by its given characteristics area. I. M. Kikinskii. *Tekhn. kino i telev.* 9 no. 10, 54-56 O '65.

PHOTOGRAPHIC SENSITOMETRY

Selection and processing conditions of photographic materials for image recording from fluorescence screens. G. A. Gavrilov, P. S. Kutuzov, V. S. Rylov. *Tekhn. kino i telev.* 9 no. 11, 40-44 N '65.

Study of infrared films of the types I-610, I-620, I-1030, and I-1070. T. I. Torosheidze, D. G. Chipashvili. *Biul. Abast. astrofiz. obser.* no. 32, 187-190 '65

PHOTOGRAPHIC SHUTTERS see Shutters, Photographic

PHOTOGRAPHIC SURVEYING

Relative orientation of photographs on universal apparatus. R. P. Ovsyannikov. *Izv. vye. ucheb. zav. ; geod. i aerof.* no. 2, 105-111 '65.

Some relationships between angular and linear elements in exterior orientation when taking stereophotos from ships. IU. S. Tufilin. *Izv. vye. ucheb. zav. ; geod. i aerof.* no. 2, 115-122 '65.

Stereopanoramic surveys. M. M. Rusinov. *Izv. vye. ucheb. zav. ; geod. i aerof.* no. 2, 123-127 '65

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

[Photographic and motion-picture equipment] *Ref. zhur. ; Fototekhnika* no. 10 O '65.

PHOTOGRAPHY—FILMS

New standards established by the Research Institute of Motion Pictures and Photography. L. D. Kuvichko. *Standartizatsiya* 29 no. 8, 54-55 '65.

Study of infrared films of the types I-610, I-620, I-1030, and I-1070. T. I. Torosheidze, D. G. Chipashvili. *Biul. Abast. astrofiz. obser.* no. 32, 187-190 '65.

PHOTOGRAPHY—PRINTING PAPERS

Improving the quality of photographic base paper. N. V. Rukhina, A. I. Syritdova. *Bum. prom.* no. 7, 15-17 JI '65.

PHOTOGRAPHY, AERIAL

Conference of the students of the Moscow Institute of Engineering Geodesy, Aerophotography, and Cartography. *Izv. vye. ucheb. zav. ; geod. i aerof.* no. 2, 149-150 '65

Ninth All-Union Conference on Aerophotography. A. N. Lohmanov. *Izv. vye. ucheb. zav. ; geod. i aerof.* no. 2, 111-148 '65

PHOTOGRAPHY, AERIAL—CONGRESSES

9th All-Union Conference on Aerial Photography. N. P. Aigina, L. E. Smirnov. *Vest. LGU* 20 no. 18, 147-149 '65.

PHOTOGRAPHY, LEGAL

Takho-Godi, Kh. M. [Manual on the fundamentals of scientific photography in forensic medicine] *Possible po osnovam nauchnoi fotografii v sudobnoi meditsine*. Moskva, Meditsina, 1965. 188 p.

PHOTOGRAPHY IN NUCLEAR PHYSICS

Analysis of the energy characteristics of high-energy nuclear interactions in a photographic emulsion. O. B. Zhidnev, A. V. Chelomakina. *Izv. AN SSSR, Ser. fiz.* 29 no. 10, 1938-1941 O '65.

PHOTOGRAPHY OF ANIMALS

No shot followed. A. Plotnikov. *Sov. voen* 46 no. 17, 34-35 Ag '64.

PHOTOMETERS

Equipment for light engineering and photometric measurements. N. I. Liherman. *Poizgraffiya* no. 4, 35-37 Ap '65.

Photometer based on the scales "Volna" PS-5. L. V. Krasnodarnits. *Biul. Abast. astrofiz. obser.* no. 32, 197-200 '65

PHOTOMETRY

Photometric determination of scandium with nitroazo-chrom. N. M. Alykov, A. I. Cherkasov. *Zhurn. anal. khim.* 20 no. 8, 870-871 '65

PHOTOMETRY, ASTRONOMICAL

Photographic photometry of comet Arend-Roland (1956 b). *Biul. Abast. astrofiz. obser.* no. 32, 155-159 '65.

PHOTONS

Photon path distribution in a horizontal layer of a homogeneous turbid medium. L. M. Romanova. *Izv. AN SSSR, Fiz. atm. i okeana* 1 no. 10, 1922-1939 O '65.

Search for 10^{13} ev. photons emanating from local radio sources. A. E. Chudnikov and others. *Izv. AN SSSR, Ser. fiz.* 29 no. 10, 1670-1671 O '65

PHOTOPERIODISM

Role of light and darkness in the seasonal changes in the sensitivity of photoperiodic regulators in fishes. V. R. Dolnik. *Zool. zhur.* 44 no. 8, 1423-1424 '65.

PHOTOPERIODISM—BIBLIOGRAPHY see Bibliography—Photoperiodism

PHOTOSYNTHESIS

Akademiya nauk SSSR. *Nauchnyi sovet po probleme "Fotosintez"*. [Biochemistry and biophysics of photosynthesis] *Biokhimiya i biotekhnika fotosintezn.* Moskva, Nauka, 1965. 318 p.

Akademiya nauk URSS, Kiev. [Photosynthesis and pigments as factors affecting crops] *Fotosintez i pigmenty kark faktory urozhaya*. Kiev, Naukova dumka, 1965. 160 p. (Respublikanskii mezhdunarodstvennyi sbornik. Seriya: "Biokhimiya rastenii i fotosintez") (DNAL)

Biochemical changes in cells of *Chromatium minutissimum* under photoautotrophic and photoheterotrophic conditions of growth. G. N. Zaitseva, O. M. Gulikova, E. N. Kondrat'eva. *Mikrobiologiya* 34 no. 4, 577-583 JI-Ag '65.

Light absorption by chloroplasts. G. G. Komissarov. *Biokhimiya* 10 no. 5, 878-879 '65

Metabolism of violaxanthin- C^{14} in a leaf and its role in photosynthetic reactions. V. S. Saakov. *Dokl. AN SSSR* 165 no. 1, 230-233 N '65.

Movement of labeled assimilates from the cotyledons of cotton. M. Tufchibaev, A. S. Krushilin. *Fiziol. rast.* 12 no. 3, 412-415 My-Je '65.

O₂ absorption by chloroplasts under illumination in the presence of malic acid. I. M. Mosolova and others. *Dokl. AN SSSR* 164 no. 8, 1178-1182 O '65.

Photosynthesis and respiration intensity related to varying doses of nitrogen nutrition. M. Ibragimov, Uzb. biol. zhur. 9 no. 4, 26-29 '65.

PHYTOPLANKTON

(see also subdivision under Akkurgan District, Black Sea, Kilyove, Lake, Novosibirsk Province, Mordavia, Novosibirsk Reservoir, Ob' River, Sudanovo, Lake)

Methods of concentrating phytoplankton samples. I. V. Bogorov. *Gidrobiol. zhur.* 1 no. 1:1-72 '65

PIANO

Pneumatic glue setting frame in the manufacture of pianos. A. D. Goriukhov, M. A. Sakhnov. *Det. prom.* 11 no. 8:26-28 '65

PIANO—CONSTRUCTION see subdivision under Chernigov

PIANO MUSIC—INTERPRETATION (PHRASING, DYNAMICS, ETC.)

Leningrad Gosudarstvennaya konservatoriya. [Performance of the piano music of Bach, Beethoven, Debussy, Rachmaninoff, Prokofiev, and Shostakovich] Ob izlozhenii form i osnovnykh muzykal'nykh problem. Muzika, 1965 213 p

PIANOS see Piano

PICOLINE

Activity of isomeric picolines, cresols, and xylenes in catalytic conversions with steam. I. I. Zamshchikov, T. A. Slovyakova, A. A. Bolandina. *Vest. Mosk. univ.* Ser. 2: Khim. 20 no. 1:30-11 '65

PICROTOXIN—PHYSIOLOGICAL EFFECT

Antinociceptive acid in the brain of monkeys in spasms caused by picotoxin. Nguyen-Thi-Thun. *V. A. Shtet. Vop. med. khim.* 11 no. 1:11-11 '65

PIDOPLOCHKO, MYKOLA MAKAROVYCH, 1904-

Sixth birthday and the fortieth anniversary of scientific activity of Mykola Makarovych Pidoplichko, Member Correspondent of the Academy of Sciences of the Ukrainian S.S.R. *Mikrobiol. zhur.* 26 no. 1:95-97 '65

PIERS—CORROSION

Corrosion of oil-field piers and protection of marine electric line poles. A. I. Mamedov. *Azerb. neft. khim.* 41 no. 4:14-16 '65

PIEZOELECTRIC SUBSTANCES—ACOUSTIC PROPERTIES

Nonlinear theory of sonic instability in piezoelectric substances. V. I. Gurevich, B. D. Lukhtman. *Zhur. eksp. i teor. fiz.* 49 no. 3:969-971 '65

PIEZOELECTRICITY

Piezoelectric scattering on an uncharged dislocation. I. B. Levinson. *Uzb. fiz. zhur.* 7 no. 9:28/9-2880 '65

PIEZOMETRIC

Increasing the precision of the piezoelectric method of force measurement. N. Kh. Nopridze, P. D. Nogaidov, L. I. Tolstikov. *Izv. Akad. Nauk Gruz. SSR.* 9:15-17 '65

Methods of determining the characteristics of soil permeation according to the data of systematic observations. O. N. Novaya. *Izv. VNIIG* 76:105-100 '61

PIGEONS see subdivision under Cherkassy Province; Kurashli Island

PIGMENTS

Akademiya nauk URSR, Kiev. [Photosynthesis and pigments as for (a) affecting crops] Fotosintez i pigmenty kak faktory urozhaya. Kiev, Naukova dumka, 1965 166 p. (Respublikanskii nauchno-sposobnyy sbornik, Seriya "Mekhanizmy rasteniya i fotosintez") (DNAI)

Condition and role of pigments in the embryo of winter radish (*Raphanus sativus* L.). K. P. Dovbysch. *Ukr. bot. zhur.* 22 no. 5:92-94 '65

Pigment metabolism in epidemic hepatitis in children. M. A. Korolova. *Sov. med. zhur.* 22:291-290 '62

Winter stability of plastic pigments in winter wheat, varieties differing in frost resistance. O. I. Shapovalov. *Ukr. bot. zhur.* 22 no. 1:23-27 '65

PIKAS

Reproduction of the lesser pika *Ochotona pusilla* Pall. I. G. Shubina. *Zool. zhur.* 14 no. 6:917-924 '65

PILGRIMS AND PILGRIMAGES

To the Holy Sepulcher (conclusion). A. Kaznovskii. *Zhur. Mosk. Patr.* no. 9:1-11 '65

PILING (CIVIL ENGINEERING)

(see also subdivision under Novokuznetsk) Setting of single-row pile foundations. A. A. Bartolomei, N. M. Doroshkevich. *Osn., fund. i mekh. grun* 7 no. 5:15-18 '65

Study of the joint action of grillage and wall panels standing on the full-scale reinforced concrete walls. S. V. Timofeev, A. I. Ushin, S. N. Shvedova. *Osn., fund. i mekh. grun* 7 no. 5:18-21 '65

Using polymers to accelerate the sinking of piles. I. U. N. Litov. *Osn., fund. i mekh. grun* 7 no. 5:5-6 '65

PILING (CIVIL ENGINEERING)—EQUIPMENT AND SUPPLIES

The new S-870 pile driver unit. A. L. Leyzonov, V. G. Kosolapov. *Stroitel. mash.* 10 no. 10:1-2 '65

PILING (CIVIL ENGINEERING)—PATENTS

Gmushinskii, V. G. [Industrial methods in erecting pile foundations] Industrial'nye metody vozvedeniya svaynykh fundamentov. Moskva, TSNI, nauchno-issl. i izob. patentn. informatsii i tekhniko-ekon. issledovaniy, 1965 47 p. (Obzor izobretennykh izobreteniy)

PINE

(see also subdivision under Ural Mountains)

Chemical measures for weed control in pine stands. N. M. Pankratova. *Khim. v les. khoz.* no. 1:11-15 '64. Growth dynamics of horizontal pine roots. A. N. Baglai. *Nauch. dokl. vys. shkoly, biol. nauki* no. 1:136-139 '65

Mineral nutrition of pine and birch in pure and mixed stands. A. L. Mashinskii. *Agr. khim. i bio.* no. 10:93-103 '65

PINE—DISEASES AND PESTS see subdivision under Siberia, Ukraine

PINENE—TOXICOLOGY

Practices in the early spring extermination of the larvae of mosquito biotopes in pastures of the forest-steppe zone in Tyumen' Province. V. L. Bukehtynov. *Trudy VNIIS* 24:322-325 '61

PING-PONG see Table tennis

PINK SALMON see subdivision under Ilurap Island

PIONEERS (COMMUNIST YOUTH)

Pedagogical life of the capital. *Nat. obs.* no. 10:116-114 '65

Students' department of Pioneer work. O. Derkach, O. Morozov, V. I. Pylypenko. *Rad. shk.* 44 no. 6:28-30 '65

Training of initiative and independent activity in a Pioneer detachment. L. A. Myshal. *Rad. shk.* 44 no. 6:42-45 '65

POTROVSKII, IGNAII ANTONOVICH, 1842-1892

I. A. Potrovskii was a pupil of Chernyshevskii and Dobrovol'skiy. B. E. Egorov. *Uch. zap. GGU* no. 7:213-213 '65

PIPE

Shevchenko, A. A., and V. I. Strizhak. [Production of pipes for the petroleum industry] Proizvodstvo trub dlya nefliannoi promyshlennosti. Moskva, Metallurgiya, 1965 142 p.

PIPE—HYDRODYNAMICS

Effect of chemical reaction on mass transfer in a turbulent flow of liquid inside a tube. E. Ruckenstein, Zhur. prikl. khim. 38 no. 6:1421-1423 '65

Flow of an elastoplastic medium in a curved circular pipe in case of a constant pressure drop. N. D. Vavrova, V. A. Znamenskii. *Izv. AN SSSR. Mekh.* no. 5:100-171 '65

Solution of some problems of unsteady fluid flow in a piping. P. A. Moroz, L. V. Podanskina. *Inzh. zhur.* 5 no. 5:967-970 '65

Steady flow of viscous two-phase media in a circular cylindrical pipe of finite length. M. P. Nazari. *Izv. AN Uz. SSR. Ser. tekhn. nauk* 9 no. 1:20-36 '65

PIPE—WELDING

Comparative fatigue strength of permanent pipe joints obtained by soldering or welding. I. N. Shkhanov. *Trudy KAI* no. 9:118-131 '61

PIPE, ASBESTOS-CEMENT

Laying high-pressure asbestos-cement gas lines. V. S. Logvinov, E. P. Fedukina. *Stroitel. mash.* 10 no. 10:18 '65

PIPE, CAST-IRON

Adjustment for hydraulic testing of the cast iron ribbed pipes of a water condenser. *Zh. i. kom. khoz.* 16 no. 9:11 '65

Quality of cast iron pipe for water pipelines. V. G. Ivanov, B. D. Khukhalin. *Met. i gor. nauka, prom.* no. 4:17-48 '65

PIPE, CAST STONE

Cast stone pipe. A. P. Shaposhnikov. *Stroitel. mash.* 22 no. 3:2-3 '65

PIPE, CONCRETE

Akhmedov, T. D., and R. G. Gorskii. [Technology of the manufacture and the design of reinforced concrete pipes] Tekhnologiya izgotovleniya i raschet zhelezobetonnykh trub. Baku, Azernesht, 1965 231 p.

PIPE, CONCRETE—DESIGN AND CONSTRUCTION

Russin (1923- U.S.S.R.) Gosuchastvennyi komitet po delam stroitel'stva. [Instructions for designing prestressed reinforced concrete pressure pipes] Uchaznitsa po projektirovaniyu zhelezobetonnykh podvaynykh trub (SN 292-63) Moskva, Stroizdat, 1965 30 p

PIPE, CONCRETE—PATENTS

Sigalov, V. S. [Equipment and technology in the manufacture of concrete and reinforced concrete pipes] Oborudovanie i tekhnologiya izgotovleniya betonnykh i zhelezobetonnykh trub. Moskva, TSNIPI, 1965 30 p. (Obzor izobretennykh izobreteniy)

PIPE, GLASS

Using vitrified pipes in the control of paraffin sedimentation in beam well a pilotation. A. T. Timishev. *Neft. prom. delo* no. 6:26-27 '65

PIPE, GLASS-REINFORCED PLASTIC

Certain structural changes in the design of pipelines brought about by the use of glass-reinforced plastic pipes. S. M. Kholmogorov, V. I. Kiselevskiy. *Tranasp. i khim. nefli i nefteprod.* no. 5:3-5 '65

PIPE, PLASTIC

(see also subdivision under Akhan-Garan, Uzbekistan) Construction of polyethylene pressure pipes in irrigation. G. M. Zaitkov and others. *Gid. i mel.* 17 no. 10:43-51 '65

Maintenance of gas conduits from polyethylene pipes. I. U. Bekedevskii, Zh. i. kom. khoz. 16 no. 4:26 '65. New drain pipes. B. Mikhelich, I. Usmanov. *Stroitel. i khim. Uzb.* 8 no. 10:13-15 '65

PIPE, STEEL

A device for welding joints to small-diameter tubes attached to a series of small spot welding machines. B. V. Gaudimskii. *Svar. prom.* no. 10:10 '65

Manufacture and use of casing pipes. I. A. Shtitskiy. *Stroitel. i khim.* 10 no. 10:30-31 '65

PIPE, TITANIUM

Hot rolling of VT11 alloy pipe at temperatures in the Alpha and Beta region. A. I. Khoev. *TSvet. met.* 38 no. 6:63-65 '65

PIPE BENDING

Parameters of induction heating of pipes during bending. P. K. Futsil. *Stroitel. mash.* 10 no. 10:6-10 '65

PIPE FITTING

Introducing automatic machine for welding joints and connecting branches to pipes. A. V. Zaitchenko, B. Kh. Zhilobov, M. A. Tumanovskii. *Stroitel. i khim.* 10 no. 10:30-31 '65

Sazonov, G. G. [Manual for fitters and installers of heat regulatory and automatic control devices] Pamyatka slesaria-montazhika po priboram teplovogo kontolya i avtomaticheskogo regulirovaniya. Moskva, Energiya, 1965 135 p.

PIPE FITTINGS

Effect of titanium on the formation of the structure and tightness of Kh18Ni9Ti steel pipe fitting castings. N. V. Fiksen, I. U. Z. Babitskiy. *Lit. prozv.* no. 9:3-5 '64

PIPE INDUSTRY—QUALITY CONTROL see subdivision under Lipetsk

PIPE JOINTS

Joining tubes to tubes plates in high-pressure apparatus. M. K. Lushpel, D. D. Kudilova. *Khim. i met. mash. stroit.* no. 9:32-33 '65

PIPE MILLS

The SM-20K mill. N. G. Koval', S. I. Kuzhel'. *Stroitel. mash.* 10 no. 10:27-28 '65

PIPE MILLS—DESIGN AND CONSTRUCTION

The new continuous 300 strip mill. I. Z. Markovskii, B. V. Kharin, A. T. Demchenko. *Met. i gor. nauka, prom.* no. 1:10-12 '65

Possibilities of increasing production of an automatic mill. A. F. Krizanov, I. U. N. Znamenov. *Met. i gor. nauka, prom.* no. 4:45-17 '65

PIPELINE TRANSPORTATION OF SOLIDS—A EXTRACTS [Pipeline transportation] Ref. zhur. Trub. i transp. nos 10-11 O-N '65

PIPELINES

Certain structural changes in the design of pipelines brought about by the use of glass-reinforced plastic pipes. S. M. Kholmogorov, V. I. Kiselevskiy. *Tranasp. i khim. nefli i nefteprod.* no. 5:3-5 '65

Experimental investigation of the stressed state of underground "hot" pipelines. L. I. Bykov, P. P. Borodavkin. *Tranasp. i khim. nefli i nefteprod.* no. 5:8-11 '65

- PIPELINES (Continued)**
Important condition for the development of pipeline transportation. P. Beider, Plan khoz. 42 no. 11 84 N '65
Use of epoxy resins in the assembly and repair of sanitary engineering equipment and pipelines. Abil. i yom. khoz. 16 no. 9 28 S '65.
- PIPELINES—CATHODIC PROTECTION**
Corrosion map for a pipeline. T. A. Nikitenko, Transp. i khran nefii i nefteprod. no 5 13-17 '65
Screw mode grounding electrodes of experimental cathode stations. F. A. Nikitenko, Transp. i khran nefii i nefteprod. no 5 28-30 '65
- PIPELINES—CORROSION**
Effect of the specific ohmic ground resistance on the soil corrosion of a gas pipeline. L. A. Nikitenko, Gaz. delo no 2-23-27 '65
Insulation of pipelines without prime coating. V. B. Galeev, Transp. i khran nefii i nefteprod. no 5 11-13 '65
Introducing machinery for insulating pipelines. B. I. Kiol', O. P. Egorov, Biol. tekhn. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 15 no. 9 10-11 S '65
Possibility of finding the location of damage to pipelines using electronic patrol leak detectors. L. IA. Tsvetov, M. B. Slavin, M. P. Maksimov, Gaz. delo no. 2-20-23 '65.
- PIPELINES—TESTING**
Introducing filling and pressurizing units. D. K. Sokolov, Biol. tekhn. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 18 no. 9 10-11 S '65
- PIPELINES—WELDING**
Experiences in the welding of Kh18Ni9Ti steel pipelines. A. M. Pastukhov, Svar. proizv. no 10 38 O '65
- PIPERAZINE**
Catalytic synthesis of piperazine. A. A. Balandin and others, Dokl. AN SSSR 165 no. 1 99-102 N '65.
- PIPERIDINE**
Comparative effectiveness of some new ganglionic blocking agents (piperidine derivatives) in the treatment of hypertension. E. V. Erina, Kardiologiya no. 3 29-33 '65.
- PIPERIDINE—PHYSIOLOGICAL EFFECT**
Mutagenic activity of free radicals of the piperidine series. G. I. Efremova, E. G. Rozantsev, Genetika no. 2 53-66 Ag '65.
- PIPERIDONE**
Effect of electrostatic factors on the stereochemistry of catalytic hydrogenation of ketones of the piperidine series. E. A. Mistrukov, Izv. AN SSSR, Ser. khim. no. 10 1832-1836 '65.
Effect of electrostatic factors on the stereochemistry of hydride reduction of ketones of the piperidine series. E. A. Mistrukov, Izv. AN SSSR, Ser. khim. no. 10 1826-1832 '65
- PIPERYLENE**
Extensive chlorination of piperylene. L. M. Kogan, N. G. Rozhkova, N. S. Babovskaya, Zhur. prikl. khim. 38 no. 6 1315-1320 Je '65.
- PIPETTES**
Use of glass pipette-capillary as a container for carrying out some chemical reactions. O. I. Barannikov, Izv. vys. ucheb. zav. i khim. i khim. tekhn. 8 no. 3 516-519 '65.
- PIRCULARIA**
Rice blast. A. Petrova, Zashch. rast. ot vred. i bol. 10 no. 7 31-37 '65
- PIRQUET VON CESENATICO, CLEMENS, 1874-1920**
Clemens Pirquet, an outstanding figure in Austrian medicine. V. V. Treiman, Sov. med. 28 no. 3 151-153 Mr '65.
- PISAREV, DMITRI IVANOVICH, 1840-1888**
Bright star. A. Piekhanov, Nar. obr. no. 10 90-94 O '65.
D. I. Pisarev on work education. A. V. Piekhanov, Shkola i proizv. 9 no. 10 32-36 O '65.
- PISTOL SHOOTING**
Mistakes. How can they be prevented? A. Danilov, Voenn. znani. 11 no. 10 42 O '65.
- PISTON RINGS—TESTING**
Comparative testing of ceramic metal piston rings on tractor engines. I. M. Fedorchenko and others, Purosh me. 4 no. 5 92-97 S-O '64.
- PISTONS**
Effect of additions of rare-earth metals on the wear resistance of pistons made of the ALIOV alloy. V. M. Glukhov, Trakt. i sel'khoz. mash. no. 8 44-45 Ag '65.
Effect of rare-earth metals on the wear resistance of pistons made from the ALIOV alloy. V. M. Glukhov, Trudy Novosib. sel'khoz. inst. 24 no. 2 36-38 '63.
Use of reconditioned 2D100 diesel engine pistons injected initially on grounds of the presence of cracks in the bottom center. K. A. Gichkov, Trudy TSNII MTS no. 288 93-103 '65
- PITUITARY BODY**
Content of a factor stimulating the secretion of luteinizing hormone in the human hypothalamus and the posterior lobe of hypophysis. I. A. M. Kabak, G. G. Barova, Biol. eksp. biol. i med. 60 no. 9 7-9 S '65.
Effect of corticosteroids and VTH on the hypophysis-adrenal cortex system. N. A. Ildayev, Vest. AMN SSSR 20 no. 10 3-12 '65
Methods for the study of the viability of cells of preserved hypophysis and adrenal gland. L. V. Kelnovich, Gemat. i perel. krov. i 164-168 '65
Methods of histochemical study of the hypophysis. A. I. Nevorotin, Arkh. anat. i gist. i embi. 10 no. 7 110-113 M '65
- PITUITARY BODY—DISEASES**
Leites, S. M. [Pathophysiology of the hypothalamo-hypophyseal system] Patofiziologiya gipotalamo-gipofizarnoi sistemy, Moskva, Tsentr. int. usovershenstvovaniya vrachel, 1965. 50 p.
(DNLM)
- PITUITARY—PHYSIOLOGICAL EFFECT**
Effect of pituitrin on the motor activity of the uterus in sows. O. H. Blyznichenko, Fiziol. zhur. [Ukr.] 11 no. 4 448-453 Ji-Ag '65.
- PITWOOD—STANDARDS** see subdivision under Maritime Territory
- PLACENTA**
Amino acid composition of a placenta hydrolysate. R. A. Krivoruchko, Gemat. i perel. krov. i 79-82 '65
- PLAGIORCHIS** see subdivision under Astrakhan Preserve
- PLANETARY NEBULAE**
Electron temperature and electron concentration of the planetary nebula IC 4097. G. A. Gurnadlan, Astrofizika 1 no. 2 225-228 Je '65.
Faint object with H α emission. S. P. Apilamashvili, Astron. issl. no. 200.5 Ap '64.
Observations of the radio-frequency radiation from planetary nebulae at a wavelength of 32.5 cm. G. S. Khromov and others, Astron. zhur. 42 no. 5 120-121 S-O '65.
Radio emission from planetary nebulae. G. S. Khromov, Astron. zhur. 42 no. 5 918-922 S-O '65.
Spectrophotometry of nuclei of planetary nebulae. R. I. Noskova, Astron. zhur. 42 no. 5 1036-1034 S-O '65.
- PLANETS—ATMOSPHERE**
Light scattering in planetary atmospheres. I. N. Mifn. Uch. zap. LGU no. 328 39-43 '65.
- PLANETS, THEORY OF**
Axial rotation of planets. R. I. Kildadze, Biol. Abast. astrofiz. obser. no. 32 223-230 '65.
Rotation of planets on their axis. R. I. Kildadze, Biol. Abast. astrofiz. obser. no. 32 231-234 '65.
- PLANKTON**
Role of marine plankton in the migration of chemical elements. Z. A. Vinogradova, Gidrobiol. zhur. 1 no. 4 12-18 '65.
- PLANT BREEDING**
Changes in the seeds of hybrids of various plants. A. N. Ipat'ev, V. G. Evitkhovich, Dokl. AN BSSR 9 no. 6 547-549 Ag '65.
Critical review of the present state of genetic theory of plant and animal breeding. N. I. Vavilov, Genetika no. 1 20-40 '65.
Genetic and botanical laws in the evolution of cultivated plants. P. M. Zhukovskii, Genetika no. 1 41-49 '65.
- PLANT CELLS AND TISSUES**
Dedifferentiation of specialized carrot cells and the characteristics of callus growth. A. N. Danilina, E. V. Lusa, R. G. Butenko, Fiziol. rast. 12 no. 3 469-478 My-Je '65.
Diminished mobility of water in a partially dehydrated cell. K. Kost, B. B. Vartapetian, Fiziol. rast. 12 no. 3 300-393 My-Je '65.
Participation of cell membrane in the selective ion accumulation by the cells of Nitella mucronata. L. N. Vorob'ov, G. A. Kurella, Biofizika 10 no. 5 788-795 '65.
Structure and function of the endoderm. E. Yu. Dortava, Bot. zhur. 50 no. 9 1327-1337 S '65.
- PLANT COMMUNITIES**
(see also subdivision under Bakhara Province)
Distinguishing plant communities in a vegetative community. V. D. Aleksandrova, Bot. zhur. 50 no. 9 1211-1219 S '65
- PLANT CUTTINGS**
Raising the nursery stock of plums from root cuttings. A. Kuleganov, Uch. zap. Kazan. gos. ped. inst. 25 no. 1 20-32 '61.
Some data on regeneration in the leaf cuttings of *Illex* and *Thalictrum*. S. S. Shala, Dokl. Akad. nauk. i zhurn. 50 no. 9 1405-1407 S '65
Vegetative propagation of *Monarda canadensis*. M. P. Kharchuk, Rast. res. 1 no. 3 102-105 '65.
Viability of alfalfa plants grown from cuttings of various developmental stages. S. S. Shala, Dokl. Akad. nauk. i zhurn. 50 no. 9 17-20 S '65.
- PLANT DISEASES** see subdivision under Kazakhstan
- PLANT HORMONES** see Hormones (Plants)
- PLANT INDICATORS**
Significance of the prospecting reliability of indicator plants in prospecting for minerals as revealed by prospecting for boron deposits. E. K. Butenko, S. I. Kuzina, Sov. geol. 8 no. 8 100-106 Ag '66.
- PLANT INTRODUCTION**
(see also subdivision under Khitany Mountains; Leningrad)
History of the study of medicinal plants in the introduction nursery of the Botanical Institute of the Academy of Sciences of the U.S.S.R. G. M. Balaban, I. E. Sateyeva, V. S. Sokolov, Rast. res. 1 no. 3 491-490 '65.
Introduction of Juglans L., species into the left-bank forest steppe of the Ukrainian S.S.R. A. D. Keshel, Uch. zap. zhur. 22 no. 4 75-80 '66.
Science and technology. N. I. Vavilov, Rast. res. 1 no. 3 443-449 '65.
Significance of N. I. Vavilov's law of homologous series for the introduction of useful plants. P. F. Mostovskiy, Rast. res. 1 no. 3 339-339 '65.
- PLANT LICE—BIOLOGICAL CONTROL** see subdivision under Kirghizistan
- PLANT LICE—EXTERMINATION**
Salphos preparations in beet aphid control. N. I. Kopteva, Trudy VIZR no. 20 pt. 1 135-27 '64.
Testing chemical measures for controlling the cabbage aphid (*Brassicacynips brassicae* L.). N. P. Pashchenko, Trudy Resp. opyt. sta. kart. i ovoshch. khoz. 2 55-71 '60
- PLANT PHYSIOLOGY**
Physiological and biochemical characterization of some corn varieties. P. F. Paramonov, A. S. Shvachko, Fiziol. rast. 12 no. 3 463-168 My-Je '65.
Physiological and biochemical characterization of the vegetative and generative organs of corn in connection with heterosis. L. L. Golynskaya and others, Fiziol. rast. 12 no. 3 440-162 My-Je '65.
Separate determination of nucleotides and sugar phosphates. A. V. Kochetovkin, Agrobiol. no. 19 152-163 O '65.
Some characteristics of the exchange of ferroporphyrin compounds in the roots and aerial organs of plants. V. F. Gavrilenko, N. V. Guzhova, R. A. Rubina, Dokl. AN SSSR 164 no. 6 1428-1431 O '65.
- PLANT REGULATORS** see Growth inhibiting substances
- PLANTERS (AGRICULTURAL MACHINERY)**
Determining the reach of markers in an asymmetrical arrangement of furrow openers. B. Baklanov, Tekhn. v sel'khoz. 25 no. 6 54-60 Je '65.
Planter for precise seed sowing. Inform. biol. VOSKH no. 3 33-34 Mr '65.
SZP-24 grain press planter. V. F. Mandakia, Trakt. i sel'khoz. mash. no. 9 37 S '65.
- PLANTS—ABSORPTION OF WATER**
Effect of low temperatures and pathogenic soil microflora on the water uptake of thermophilic plants. L. A. Nezgovorova, A. K. Solov'ov, Fiziol. rast. 12 no. 3 500-516 My-Je '65.
- PLANTS—CHEMICAL ANALYSIS**
Mechanism of bioluminescence in plants. B. A. Gasanov, Izv. AN Azorb. SSR, Ser. biol. nauk no. 3 15-15 '65.
Method for determining the pigment content in the chloroplasts of plants. T. N. Godnev, G. A. Lipakova, Fiziol. rast. 12 no. 3 604-607 My-Je '65.
Nitrogen and amino acid content in rice leaves under the influence of abundant fertilization with ammonium sulfate. G. Palfi, Fiziol. rast. 13 no. 3 398-404 My-Je '65.

PLANTS—CHEMICAL ANALYSIS (Continued)

Quantitative determination of nucleic acids in plant leaves. O.N. Kuleva, E.A. Popov, Fiziol. rast. 12 no. 3:556-561 My-Je '65

Selecting the part of the plant for analysis to determine the requirement of tomatoes for nitrogen and phosphorus. V.V. Pankov, Agrokhimia no. 8:110-123 Ag '65.

PLANTS—COLOR see Color of plants

PLANTS—EVOLUTION

Biological role of the inflorescence in the evolution of some plants. N.I. Melnikin, Bot. zhur. 50 no. 5:686-689 My '65

PLANTS—FROST RESISTANCE

(see also subdivision under Kazakhstan)

Protective action of solutions during extracellular formation of ice in plant tissues. G.A. Samygin, N.M. Matveeva, Fiziol. rast. 12 no. 3:516-524 My-Je '65.

PLANTS—METABOLISM

Effect of short-wave ultraviolet rays on the biosynthesis of pigments in plants. A.A. Shakhov, S.V. Shishchenko, Fiziol. rast. 12 no. 3:432-439 My-Je '65.

Metabolite exchange in plants through aerial organs. V.P. Ivanov, G.A. Iakobson, Fiziol. rast. 12 no. 3:405-411 My-Je '65.

PLANTS—NUTRITION

Biological cycle of nitrogen and ash elements in grain crop fields in the Podzolic soils. F.I. Levin, Agrokhimia no. 8:56-64 Ag '65.

Mineral nutrition of pine and birch in pure and mixed stands. A.L. Mashinskii, Agrokhimia no. 10:93-103 O '65.

Plant requirements of nutrients as a basis for fertilizing ornamental plants. T.Z. Mantsova, Agrokhimia no. 10:67-72 O '65.

Problems of biochemistry at the conference on the theoretical basis of the regulation of mineral nutrition. V.M. Panshykov, N.V. Kostian, Ukr. bot. zhur. 22 no. 4:115-116 '65.

Role of root excretion in the nutrition of woody plants. A.I. Akhmetko, Agrokhimia no. 10:82-92 O '65.

Tomato nutrition requirements as a basis for establishing the type of fertilizers. E.G. Kazibekova, Agrokhimia no. 10:58-66 O '65.

PLANTS—OPTICAL PROPERTIES

Reflective capacity of some plants and plant communities. N.G. Kharin, Bot. zhur. 50 no. 8:1105-1110 Ag '65.

PLANTS—REPRODUCTION

Effect of hybrid seeds and growth promoting substances on the development and fruit of reproductive organs in tomatoes. G.E. Usik Nauch. dokl. vuz. shkoly; biol. nauk no. 4:150-162 '65.

Generative properties of basic mulberry varieties grown for seeds. A.B. Iakubov, Urb. biol. zhur. 9 no. 4:65-68 '65.

PLANTS—RESPIRATION

Effect of soil salinization on the respiration rate and activity of the terminal oxidases of millet leaves. E.V. Makel'mova, G.R. Matukhin, Fiziol. rast. 12 no. 3:540-542 My-Je '65.

Induced synthesis of enzymes in the leaves of semi-immersed plants. B.A. Rubin, L.N. Logina, Fiziol. rast. 12 no. 3:306-309 My-Je '65.

Keeping quality of some pear varieties and characteristics of the process of respiration. D.K. Shupina, I.I. Shestak, L.S. Tikhonovskaya, Vestn. AN BSSR, Ser. sel'sk. hosp. nav. no. 2:68-71 '65.

Oxidation metabolism in rye as related to the developmental dynamics of Puccinia dispersa Erikss. et Henn. V.P. Kuprevich, Z.I.A. Sorova, Dokl. AN BSSR 9 no. 8: 550-562 Ag '65.

Photosynthesis and respiration intensity related to varying doses of nitrogen nutrition. M. Ibragimov, Uzb. biol. zhur. 8 no. 4:26-29 '65.

Relationship between the growth of a pentose phosphate respiratory pathway in drought and the synthesis of nucleic acids. A.A. Abrarov, Dokl. AN SSSR 164 no. 8: 1428-1427 O '65.

Respiration efficiency and concentration of free radicals. V.N. Zhukovskii, A.G. Chetvortikov, A.I.A. Rogacheva, Dokl. AN SSSR 165 no. 1:234-236 N '65.

PLANTS—TRANSPIRATION

New confirmations of some regularities in tree transpiration. V.IE. Rudakov, Ukr. bot. zhur. 22 no. 5, 31-37 '65.

PLANTS—WATER REQUIREMENTS

Effect of Co⁶⁰ gamma irradiation of seeds on the forms of water in leaf tissues of corn and wheat. A.E. Reshetnikov, Uzb. biol. zhur. 8 no. 4:10-11 '65.

Possible errors in determining free water content by means of the refractometric method (in connection with the penetration of sugars into cells). A.A. Baranov, Bot. zhur. 50 no. 5:663-665 My '65.

Subsoil irrigation of city plants. G.G. Zheldakova, Shor. sruch. trud, RNIi AKKH no. 2:107-125 '63.

PLANTS, CULTIVATED

Genetic and botanical laws in the evolution of cultivated plants. P.M. Zhukovskii, Genetika no. 1:41-49 '65. [Plant culture] Ref zhur. Rast. no. 19-21 O-N '65.

PLANTS, EFFECT OF CALCIUM ON

Role of calcium in the generation of action potentials and in mobility of protoplasm. R.M. Radvan, L.N. Vorob'ev, Biofizika 10 no. 5:889-892 '65.

Uptake of calcium by leguminous and gramineous crops under various conditions of nutrition. P.A. Dmitrenko, E.G. Tomashchuk, Agrokhimia no. 8: 70-81 Ag '65.

PLANTS, EFFECT OF CHEMICALS ON

Comparative study of the effect of irradiations and chemical mutagens on pea chromosomes. A.I. Akhund-zade, Genetika no. 2:118-123 Ag '63.

Joint action of various mutagens on barley. S.A. Valeva, Genetika no. 2:106-112 Ag '65.

Relative mutagenic effectiveness of some chemical compounds on plants. P.K. Shkurnikov, M.I. Kulik, V.T. Safonova, Dokl. AN SSSR 164 no. 5:1161-1164 O '65.

PLANTS, EFFECT OF COLCHICINE ON

Methods of obtaining tetraploids in red clover (Trifolium pratense L.) by means of colchicine. N.K. Navalikhina, Ukr. bot. zhur. 22 no. 4:8-14 '65.

PLANTS, EFFECT OF CYCLOHEXENE ON

Effect of 1-(2', 6'-dimethyl-3'-cyclohexenyl)-4-butanol-2-one on the physiological processes and yield of fine fiber cotton. G.P. Kugotova-Shomakina and others, Agrokhimia no. 8:103-107 Ag '65.

PLANTS, EFFECT OF ELECTRICITY ON

Effect of electric current on the mass species of blue-green algae in cultivation. L.A. Silenko and others, Glub. biol. zhur. 1 no. 4:69-70 '65.

PLANTS, EFFECT OF ETHYLENIMINE ON

Effect of ethylenimine on the development and variability of fast neutron irradiated barley sown under different ecologic conditions. G.N. Shargin-Berezovskii, Trudy Inst. gen. no. 32:60-80 '65.

Pea mutations induced by ethylenimine and its derivatives in the third generations. N.N. Zoz, P.V. Kotolenzov, S.I. Makenova, Dokl. AN SSSR 164 no. 5:1159-1160 O '65.

PLANTS, EFFECT OF GAMMA RAYS ON

Comparative study of the effect of irradiations and chemical mutagens on pea chromosomes. A.I. Akhund-zade, Genetika no. 2:118-123 Ag '63.

Early and productive tomato mutants obtained by gamma irradiation. M.I. Kulik, Genetika no. 2:148-151 Ag '65.

Effect of Co⁶⁰ gamma irradiation of seeds on the forms of water in leaf tissues of corn and wheat. A.E. Reshetnikov, Uzb. biol. zhur. 8 no. 4:10-11 '65.

Effect of ecologic conditions of cultivation and physiological state of seeds (degree of maturity) on the radio-sensitivity, frequency and nature of hereditary changes in gamma irradiated barley. N.I. Nuzhdin, N.A. Pastusheenko-Strel'tsa, G.N. Shargin-Berezovskii, Trudy Inst. gen. no. 32:18-68 '65.

Free radicals in irradiated seed potatoes with different storage time. N.D. Torosenko, G.D. Beidyshev, V.II Lopushonok, Biofizika 10 no. 5:893-895 '65.

High-yielding mutant produced by Co⁶⁰ gamma irradiation of cotton plants. Sh.I. Ibragimov, R.I. Kovalevich, P. Paiziev, Genetika no. 1:166-172 '65.

Quantitative characteristics of the formation of quinones in a gamma-irradiated plant tissue. A.M. Kuzin, N.N. Naibov, Dokl. AN SSSR 164 no. 6:1409-1412 O '65.

Utilization of radiation-induced bean and soybean mutants in breeding work. S.G. Fedoradze, Genetika no. 1:185-191 '65.

Utilization of radiation-induced mutants of winter wheat in breeding work. V.S. Mozheva, Genetika no. 1:173-178 '65.

PLANTS, EFFECT OF HEAT ON

Movement of the protoplasm of barley coleoptile cells at sublethal temperatures. T.V. Kirilova, Fiziol. rast. 12 no. 3:404-409 My-Je '65.

PLANTS, EFFECT OF HEPTACHLOR ON

Effect of granulated heptachlor combined with mineral fertilizers on the accumulation of the green bulk of corn. G.A. Odumanova-Dunaeva, I.V. Khushcheva, Trudy VYZR no. 20 pt. 1:36-38 '64.

Effect of almatiza and its mixture with heptachlor and mineral fertilizers on the corn yield as related to soil conditions. L.E. Efimov, Trudy VYZR no. 20 pt. 1:39-42 '64.

PLANTS, EFFECT OF INSECTICIDES ON

Residual quantities of poisons and their effect on the carbohydrate and protein indices of wheat grain. Zh.L. Lukpanov, M.G. Gribchenkova, Trudy Kuz. NIIZR 8:429-432 '61.

PLANTS, EFFECT OF IRON ON

Effect of mobile phosphates on the iron nutrition of plants. S.G. Khushcheva, Agrokhimia no. 8:65-69 Ag '65.

PLANTS, EFFECT OF MAGNESIUM CHLORATE ON

Use of defolants for increasing the rate of flow of assimilates to the seeds. A.Y. Pokot'ov, Fiziol. rast. 12 no. 3:416-423 My-Je '65.

PLANTS, EFFECT OF MOLYBDENUM ON

Effect of molybdenum on the yield and feed value of forage beans in Sirozem soils. T.A. Fedev, G.R. Khalilov, Agrokhimia no. 10:110-121 O '65.

PLANTS, EFFECT OF NAPHTHOQUINONE ON

Studying the selective action on plants of physiologically active substances from the o-hydroxynaphthoquinone and thiazole groups. I.U. Shalodov, I.S. Skukina, V.M. Abramova, Agrokhimia no. 8:108-112 Ag '65.

PLANTS, EFFECT OF NEUTRONS ON

Effect of ethylenimine on the development and variability of fast neutron irradiated barley sown under different ecologic conditions. G.N. Shargin-Berezovskii, Trudy Inst. gen. no. 32:60-80 '65.

PLANTS, EFFECT OF NITROGEN ON

Effect of nitric nitrogen concentration in the medium on the production of unicellular algae and on protein and fat content in them. N.V. Lavi ovskaya, Trudy VNIPKHI 13:151-155 '65.

Effect of various sources of nitrogen on the development and protein formation in Anklis oedemum brandii Brunth. H.M. Palamar-Mordvinova, N.V. Kostian, Ukr. bot. zhur. 22 no. 4:81-86 '65.

Photosynthesis and respiration intensity related to varying doses of nitrogen nutrition. M. Ibragimov, Uzb. biol. zhur. 8 no. 4:26-29 '65.

PLANTS, EFFECT OF PHOSPHATES ON

Effect of the level of phosphate nutrition on the phosphorus metabolism and synthesis of proteins in plants. G.V. Ulovenko, N.N. Bozhidnyi, Agrokhimia no. 10:38-41 O '65.

Uptake of phosphorus by early potatoes under various placement of superphosphate. R.U. Vasiluk, Vestn. AN BSSR Ser. sel'sk. hosp. nav. no. 3:52-56 '65.

PLANTS, EFFECT OF PHOSPHORUS ON

Effect of mobile phosphates on the iron nutrition of plants. S.G. Khushcheva, Agrokhimia no. 8:65-69 Ag '65.

Effect of phosphorus fertilizers on potato crops. L.M. Terekhina, Trudy Resp. opt. sta. k. i. i. ovoshch. khoz. 2:33-31 '60.

Effect of the methods of placing organic-mineral fertilizers on the dynamics of the uptake of phosphorus by pea plants and on their development. S.N. Ivanov, T.S. Lishchik, Vestn. AN BSSR, Ser. sel'sk. hosp. nav. no. 2:19-53 '65.

PLANTS, EFFECT OF POTASSIUM ON

Use of potassium fertilizers for meadows and sown grasses. R.S. Smirnova, Agrokhimia no. 8:62-69 Ag '65.

PLANTS, EFFECT OF PYRIDAZINEDIONES ON

Auxin metabolism in the reproductive organs of sugar beets under the conditions of inhibited growth. N.D. Tupyk, Ukr. bot. zhur. 22 no. 5:18-21 '65.

PLANTS, EFFECT OF RADIATION ON

Joint action of various mutagens on barley. S.A. Valeva, Genetika no. 2:105-112 Ag '65.

Radio-sensitivity of plants and the size of cell nuclei. R.M. Aleksakhin, Priroda 54 no. 2:110-118 P '65.

PLANTS, EFFECT OF SALTS ON

Effect of salt salinization on the respiration rate and activity of the terminal oxidases of millet leaves. E.V. Makel'mova, G.R. Matukhin, Fiziol. rast. 12 no. 3:540-542 My-Je '65.

PLANTS, EFFECT OF SOIL MOISTURE ON

Relationship between the growth of a pentose phosphate respiratory pathway in drought and the synthesis of nucleic acids. A.A. Abrarov, Dokl. AN SSSR 164 no. 8: 1425-1427 O '65.

PLANTS, EFFECT OF STRONTIUM ISOTOPES ON

Effect of continuous monoculture of a plant and crop rotation in the systematic use of fertilizers on the accumulation of strontium-90 in oat crops. I.V. Gulkakin, E.V. Rudinova, E.M. Levina, Agrokhimia no. 10:103-117 O '65.

PLASTICS IN BUILDING (Continued)

- In cooperation with scientists. V. Kaulov, Zhil. i kom. stroit. 16 no. 9-10 1965.
- Modern means for detecting defects in some structures made from glass plastics. V. I. Platinitskii, N. S. Savorovskii. Plast. massy no. 10-11-57 1965.
- Problems of structural techniques in connection with the use of plastics in construction. A. B. Gubenko, V. N. Nasenov, Stroitel. mekh. i mash. stroit. 7 no. 5 1-4 1965.
- This is why we need plastics. A. Zaitsev, Eksp. stroit. no. 01-2-15 S 1965.
- Use of plastics in irrigation engineering. A. Blizhenko, Sel. stroit. 20 no. 9-17-19 S 1965.

PLASTICS IN BUILDING—EXHIBITIONS

- This will be shown at the exhibition. I. A. Kovaleva, Eksp. stroit. no. 9-10-21 S 1965.

PLASTICS IN DENTISTRY

- Compensation of defects of the hard tissues of the tooth by fast-setting plastics. V. S. Kurilenko, Z. S. Vasilenko, Probl. chel.-lits. khim. no. 1-237-239 1965.

PLASTICS IN MEDICINE

- Comparative evaluation of plastics in replacing defects of the hard matter. B. G. Gol'dman, A. I. Kadim, Vop. neftekhim. no. 1-16-40 1965.

PLASTICS IN THE FOOD INDUSTRY

- Classe packaging in plastic films. R. Ramanavskas, Sov. torg. 39 no. 10-26-27 O 1965.

PLASTICS IN THE MACHINERY INDUSTRY

- Determining the carrying capacity of polyamide gear transmissions according to the contact stresses taking deformation into consideration. L. L. Bakradze, Sh. K. Sabashvili, Soob. AN Gruz. SSR. 39 no. 3-681-688 S 1965.
- Economic effectiveness of the use of plastics in the agriculture of machinery industry. V. S. Antonovskii, G. I. Bortsov, Trakt. i sel. khozmash. no. 6-32-34 Ag 1965.
- Effect of plastic coating on the damping of natural vibrations of rods. V. V. Khil'chevskii, IU. M. Shemegan, Vest. mashinostr. 45 no. 9-40-41 S 1965.
- Investigating antifriction filled polyfluoroethylene materials. S. N. Gans', V. D. Parkhomenko, L. P. Glazman, Vest. mashinostr. 15 no. 8-11-14 S 1965.

PLASTICS INDUSTRY

- Studying the possibilities of the hardening and processing in goods of thermosetting polyarylates. S. V. Vinogradov and others. Plast. massy no. 10-1-3 1965.

PLASTICS MACHINERY

- Conditions for securing given dimensions of granules. B. A. Olenev, G. V. Sagalacov, Plast. massy no. 10-17-21 1965.

- Gurvich, S. G., G. A. Il'ashenko, and S. Kh. Svildenko. [Machinery for the processing of thermoplastic materials] Mashiny dlia pererabotki termoplasticheskikh materialov. Moskva, Mashinostroenie, 1965. 326 p.

PLATE TOWERS

- Rectification process in bubbling apparatus and structure of other equations. I. M. Anoshin, N. P. Ritschenko, D. O. Gruzdev, Izv. vuz. ucheb. zav. pishch. tekhn. no. 5-151-153 1965.

PLATES (ENGINEERING)

- Efficient reinforcement of circular plates by radial ribs. A. I. Mauevich, Stroitel. mekh. i mash. stroit. 7 no. 5-10-11 1965.

PLATES (ENGINEERING)—VIBRATION

- Natural vibrations of plates and cylindrical shells reinforced by stiffening ribs. A. Kh. Naaylov, Stroitel. mekh. i mash. stroit. 7 no. 5-42-16 1965.

PLATINUM CATALYSTS

- Adsorption of krypton on thermally treated platinum films. I. A. Adamek, V. D. Agodovskii, V. M. Griznov, Khim. i tekhn. 6 no. 3-186-192 My-Je 1965.

PLATINUM-COBALT ALLOYS see Cobalt-platinum alloys

PLATINUM COMPOUNDS

- Reaction of methionine with Reissert's second base chloride. I. M. Volshteln, L. F. Krylova, M. F. Mogilevskina, Zhur. neorg. khim. 10 no. 9-1976-1979 S 1965.
- Reactions of phosphonitric chloride and its derivatives with platinum complexes. G. V. Derbisher, A. V. Bakaeva, Zhur. neorg. khim. 10 no. 9-2104-2106 S 1965.
- Thermal decomposition of bromides and iodides of mixed platinum (II) cis-tetramines. A. V. Ablov, V. G. Sorina, Zhur. neorg. khim. 10 no. 9-1987-1989 S 1965.

PLATINUM ELECTRODES see Electrodes, Platinum

PLATYPHYLLINE

- Potentiometric titration of platyphylline hydrotartrate in aqueous and nonaqueous solutions. I. A. M. Perelman, Apt. dokl. 14 no. 1-144-18 Ja-F 1965.

PLAYGROUNDS see subdivision under Soviet Central Asia

PLAZAS see subdivision under Leningrad

PLEURISY

- Exudative pleurisy and its role in the development of pulmonary tuberculosis. G. V. Dolina, Sbor. nauch. trud. TashGMI 22-230-243 1962.

PLEXIGLAS

- A plexiglass pump. L. V. Pashchenko, A. M. Kutsenko, TSvet. met. 38 no. 6-181 Ja 1965.

PLOWS

- Automatic protective mechanism for plows. M. G. Doganovskii, E. I. Davidson, Trakt. i sel. khozmash. no. 9-24-25 S 1965.
- Selecting the optimal angles in setting a plowshare for plowing bound soils. M. D. Podskichko, Trakt. i sel. khozmash. no. 9-26-28 S 1965.

PLUM

- Raising the nursery stock of plums from root cuttings. A. Kuleganov, Uch. zap. Krass. gos. ped. inst. 21 no. 6-28-32 1963.

PLUMBING

- Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po dclan. stroitel'stva. [Price list for assembling equipment] Tshemik na montazh oborudovaniia. Moskva, Stroizdat. No. 14 [Lead and soldering work] Svintsovo-pal'nye raboty. 1965. 16 p.

PLUMBING—SAFETY MEASURES

- Pilevskov, N. I. [Safety manual for plumbers] Pamiatka po tekhnike bezopasnosti dlia slesaria-truboprovodchika. Moskva, Stroizdat, 1965. 24 p. [Tekhnika bezopasnosti v stroitel'stve]

PLUTARCHUS

- The choice of heroes in Plutarch's "Parallel lives" and the ancient biographical tradition. S. S. Averintsev, Vest. drev. ist. no. 2-51-57 1965.

PLYWOOD INDUSTRY

- Improving the quality of plywood and increasing the number of its varieties. E. S. Gukhman, Der. prom. 11 no. 8-14-16 Ag 1965.

PNEUMATIC CONTROL

- Dynamics of the slide valve distributor on a Nkr-100M semiautomatic drill. P. M. Enel'manov, IU. P. Maksimovich, Fiz.-tekhn. probl. razrab. pol. iskop. no. 1-67-74 1965.

PNEUMATIC CONVEYING

- Andreev, I. S. [Use of new types of pneumatic transport equipment in the aluminum industry] Opyt primeneniia novykh vidov pnevmotransportnykh ustroystv v aluminiirovoy promyshlennosti. Leningrad, 1965. 20 p. [Leningradskii dom nauchno-tekhnicheskoi pi opagandy. Proizvodstvennyi opyt. Seriya Mekhanizatsiia transportnykh i postruchno-raguzrochnykh rabot v promyshlennosti]

- Calculating the pressure losses during pneumatic conveying in a descending flow. N. T. Garmash, Izv. vuz. ucheb. zav. pishch. tekhn. no. 5-182-187 1965.

- Concentration of particles in fluidized bed apparatus in pneumatic conveying systems. M. I. Fridland, Khim. i nefte. mashinostr. no. 9-23-25 S 1965.

- Industrial equipment for pneumatic transport of chips. V. V. Korobov, G. M. Mikhailov, V. P. Pavlov, Bum. prom. no. 8-117-18 Ag 1965.

- Losses of pressure in overcoming the deceleration of grain products in vertical pneumatic transportation. V. Pal'tsev, N. Volodin, Muk. elev. prom. 31 no. 9-21-23 S 1965.

- Minimal permissible air speed in vertical pneumatic conveying of grain products. V. Pal'tsev, F. Dmitruk, Muk. elev. prom. 31 no. 8-17-20 Ag 1965.

- Pneumatic conveying of rubber compound ingredients. N. S. Volkmanin and others, Kauch. i rez. 24 no. 10-18-19 1965.

- Use of diaphragm switches in pneumatic conveying systems. O. IU. Pins'kii, A. L. Furman, Leh. prom. no. 2-65-68 Ap-Je 1965.

PNEUMATIC TOOLS

- Pneumatic manipulator for concrete breakers. Stroitel. Uzb. 8 no. 3-5 Mr 1965.

PNEUMATIC TOOLS—DESIGN AND CONSTRUCTION

- The PZK pneumatic charging columns with automatic proportioning of the air. V. I. Emekeev and others, Gorn. zhur. no. 8-47-49 Ag 1965.

PNEUMATIC TUBE TRANSPORTATION

- Some problems of the design and calculation of pneumatic mail conveying. M. N. Terterov, Sbor. trud. LITZHT no. 216-75-86 1964.

PNEUMOENCEPHALOGRAPHY

- Differential-diagnostic significance of pneumoencephalography in epilepsy. A. P. Bogatinskaya, Trudy Vot. med. inst. 51 138-145 1963.

- Pneumographic data on tumors of the thalamus opticus and nuclei of the striated body. A. V. Lebedev, Vop. neftekhim. no. 1-35-40 1963.

- Ventriulography with the use of methyl in tumors of the posterior cranial fossa. R. S. Tlepina, Vop. neftekhim. no. 1-10-13 1965.

PNEUMONIA

(see also subdivision under Tashkent)

- Course and treatment of catarrhs of the upper respiratory tracts and nonspecific pneumonia in children. D. L. Ryzhik, D. M. Vasserman, Sbor. nauch. trud. TashGMI 22-94-99 1962.

- Course of pneumonia in very young children with rickets and the variability of alkaline phosphatase. O. F. Ignatova, Sbor. nauch. trud. TashGMI 22-134-139 1962.

- Klopachev, A. M. [Chronic pneumonias in children] Khronicheskie pnevmuniti u detei. Izd. 2., ispr. i dop. [Leningrad] Meditsina, 1965. 222 p. [Biblioteka prakticheskogo vracha] (DNLM)

- Plotnikov, K. I. [Summer gastric enteritis and pneumonia in lambs] Letnie gastroenterit i pnevmunit jagnat. Moskva, Kolos, 1965. 206 p. (DNLM)

PNEUMOPERITONEUM, ARTIFICIAL

- X-ray control of the pneumoperitoneum following protrusion. A. P. Maksimova, Akush. i gign. no. 1-110-121 1965.

PNEUMOTHORAX

- Nontraumatic spontaneous pneumothorax. V. I. Shuchkov, B. P. Fedotov, G. L. Vol'-Epshteyn, Sov. med. 29 no. 3-10-15 Mi 1965.

PODLESNOVKA (UKRAINE)—COINS, ROMAN

- Board of Roman denarii found in Podlesnovka Village in Sumy Province. V. V. Kropotkin, Vest. drev. ist. no. 1-138-139 1965.

PODOLIAN ECONOMIC REGION—CANNING INDUSTRY

- Prospects for the development of the canning industry in the Podolian Economic Region. R. A. Izyskina, Kona. i ov. prom. 20 no. 7-26-28 Ji 1965.

PODOL'SK (MOSCOW PROVINCE)—TECHNOLOGY—INFORMATION SERVICES

- Promotion of advanced experience by the technological study room at the Podol'sk Machinery Plant. M. M. Shastov, Bluz. tekhn. rekon. inform. Gos. nauch. tsentr. nauch. i tekhn. inform. 10 no. 9-51 S 1965.

PODZOL see subdivision under White Russia

POETS, AZERBAIJANI—CORRESPONDENCE, REMINISCENCES, ETC.

- Poetry in work and inspiration. Rasul Rza. Vop. lit. 9 no. 10-85-100 O 1965.

POGODIN, NIKOLAI FEDOROVICH, 1900-

- Dlov, V. A. [Trilogy of N. Pogodin on Lenin] Trilogiia N. Pogodina o Lenine. Moskva, Khudozhestvennaya literatura, 1965. 147 p. (Massovaya istoriko-literaturnaya biblioteka) (CS-U)

POGREBISHCHE DISTRICT—COLLECTIVE FARMS

- Stop draining the collective farms through unwarranted collection of costs. P. Poperechnyi, Rad. pravo 29 no. 7-60-00 O 1965.

POGREBISHCHE DISTRICT—TRANSPORTATION, AUTOMOTIVE—RATES

- Stop draining the collective farms through unwarranted collection of costs. P. Poperechnyi, Rad. pravo 28 no. 7-59-00 O 1965.

POISONING

- Kalluzhina, R. A. [Chronic intoxications in childhood; pathogenesis, clinical aspects and treatment] Khronicheskie intoksikatsii detskogo vozrasta; patogeneza, klinika, lechenie. Moskva, Meditsina, 1965. 346 p. (DNLM)

POKSHISHEVSKII, YADIM VIACHESLAVOVICH, 1905-

- V. V. Pokshishevskii: his 60th birthday. V. M. Gokhman and others, Izv. AN SSSR, Sur. geog. no. 5-133-136 S-O 1965.

POKUT'YE—BOTANY—ECOLOGY

- Description of the vegetation of the Podolian Pokut'ye. IU. R. Shalikh-Sosorko, R. S. Balrova, Ukr. bot. zhur. 22 no. 5-87-74 1965.

POLAND—ARMENIANS

- Legal status of the Armenians in Poland in the 16th and 17th centuries. M. L. Oganesian, Izv. AN Arm. SSR, Obshchestv. nauki no. 9-35-48 1965.

POLAND—COMMUNISM

Gomulka, Wladyslaw. [Under the guidance of the Marxist-Leninist party toward the triumph of socialism. Translated from the Polish] Pod rukovodstvom marksisticko-leninskoi partii k pobjede sotsializma. [Moskva] Gospolitizdat, 1960 189 p. (Biblioteka po nauchnomu sotsializmu) (CLU)

POLAND—COMMUNIST PARTY

Ties between the Ukrainian and Polish historians of the party. A.D. Koshchynko, Ukr. ist. zhur. 8 no. 3 151-152 My-Je '61.
The vanguard of the working class and of the Polish people. Edward Babuch, Part. zhurn. no. 21 66-72 N '65.

POLAND—DESCRIPTION AND TRAVEL

Mon'ko, A. M. [Polish encounters] Polskie vstiechi [Volgograd] Volgogradskoe knizhnoe izd-vo, 1962 81 p illus

POLAND—ECONOMIC CONDITIONS

Polish maritime shore as a forming economic region and characteristics of its development. O. P. Litovka, Vest. LGU 20 no. 18 107-111 '65

POLAND—EDUCATION—PERIODICALS

In the periodicals of our friends. A. Savina, Nauch. no. 10 113 O '65.

POLAND—HORSES

Restoration of wild horses, called tarpans in Poland. W. Pruski Zool zhur. 44 no. 9 1382-1395 '65.

POLAND—JET PLANES

The Polish jet plane "Iskra" TS-II IU. Treshchenko, Kryl. rod. 16 no. 6 39 Je '65

POLAND—MANUFACTURES—EXHIBITIONS

Recent exhibits about the Polish exhibition. L. L. Milina, Sov. toif. 39 no. 10 40-41 O '65

POLAND—PHILOSOPHY—PERIODICALS

Passing through philosophical journals of socialist countries. "Kuda filozofizmo," 1963-1964. A. F. Muko 2 nach dokl. iys. zhurn. filoz. nauk. 8 no. 5 101-107 '65.

POLAND—POLITICS AND GOVERNMENT

Gomulka, Wladyslaw. [Under the guidance of the Marxist-Leninist party toward the triumph of socialism. Translated from the Polish] Pod rukovodstvom marksisticko-leninskoi partii k pobjede sotsializma. [Moskva] Gospolitizdat, 1960 189 p. (Biblioteka po nauchnomu sotsializmu) (CLU)

POLAND—REVOLUTION, 1863-1864

Archival deposits on the history of the 1863 uprising; documentary materials of the state administrative organs of the territories involved in the uprising. L. A. Obushenkova, Uch. zap. Inst. slav. 29 80-114 '65.

Establishment of the Oshmyany Revolutionary Organization and the "Pentkovichi" Society, 1861-1862. Z. IA. Tal'virskaya, Uch. zap. Inst. slav. 29 51-76 '65.

Financial projects of the Insurrectional National Government. IU. I. Shkabel'berg, Uch. zap. Inst. slav. 29 115-133 '65.

The Polish emigrants in Rumania and the uprising of 1863, based on materials in the reports of the Russian diplomatic representatives. V. P. Storozhuk, Uch. zap. Inst. slav. 29 77-88 '65.

POLAND—SAWMILLS

Mechanization of work at sawmills. Des. prom. 14 no. 8 34 Ag '65.

POLAND—STATISTICS—YEARBOOKS

[Short statistical yearbook of the People's Republic of Poland for 1965] Kratki statisticheski ezhegodnik Pol'skoi Narodnoi Respubliki 1965. Warsaw, Izd-vo TSenir. stat. upr., 1965. 228 p.

POLAND—UNIVERSITIES AND COLLEGES

At the jubilee sessions of Jagellon University in Cracow. P. N. Berkov, Izv. AN SSSR. Ser. lit. i laz. 24 no. 1: 96-100 Ja-F '65.

POLAND—WORLD WAR, 1939-1945—CAMPAIGNS

Destruction of "wandering" enemy dispositions. D. Barinov, G. Nekhonov, Voen.-ist. zhur. 7 no. 3: 62-68 Mr '65.

From the Vistula to the Oder. N. Antipenko, Voen.-ist. zhur. 7 no. 3: 69-81 Mr '65.

In the direction of Krakow. I. Korovnikov, Voen.-ist. zhur. 7 no. 3: 81-87 Mr '65.

POLARIZATION (ELECTRICITY)

Case of the formation of an intermediate solution under the effect of electric discharges between an external anode and a concentrated solution of alkali metal salt at ultra-high polarizations. V. D. Saprykin, Elektrokhimia 1 no. 9: 1157-1161 S '65.

Effect of polarization of some regions of the brain on the form of apomorphine-induced vomiting in dogs. P. I. Slabro, Ruk. eksp. biol. i med. 60 no. 9: 71-74 S '65.

POLARIZATION (LIGHT)

Interpretation of the scattering of polarized light by concentrated solutions of polymer films. V. G. Baranov, T. I. Volkov, S. IA. Frinkel', Vysokom. soed. 7 no. 9: 1565-1570 S '65

Interstellar absorption band λ 4330 Å and its correlation with the interstellar light polarization in Perseus region. G. S. Romashin, Uch. zap. LGU no. 328 101-109 '65.

Study of silicon oxidation in air by optical polarization and photographic methods. I. L. Rolkh and others, Zhur. fiz. khim. 39 no. 9: 2306-2308 S '65.

POLARIZATION (NUCLEAR PHYSICS)

Observation of pulse-type nucleus-nucleus polarization. A. I. Poliakov, G. I. Iakovlev, Zhur. eksp. i teot. fiz. 49 no. 3: 760-764 S '65.

POLARIZING MICROSCOPE

Optical polarization method of studying urinary calculi. I. S. Kolpakov, Lab. delo no. 10 579-584 '65.

POLAROGRAPHY

Diffusion coefficients of metals in mercury. Part I: New method for determining diffusion coefficients from the decay with time of the anodic limiting current on a hanging mercury drop. A. G. Stromberg, B. A. Zakharova, Elektrokhimia 1 no. 9 1030-1043 S '65.

Effect of structure on half-wave potentials of aromatic aldehyde anils. V. N. Dmitrieva, J. V. Kononenko, V. D. Bezuglyi, Teori. i ekspr. khim. 1 no. 1: 456-461 '65.

Effect of substituents on one-electron reduction of anthraquinone derivatives. A. I. Boudskii, L. L. Gordinenko, Teori. i ekspr. khim. 1 no. 1: 152-155 '65.

Effect of the contact diameter and size of a hanging mercury drop on its active surface in the method of amalgam polarography with storage. B. F. Nazarov, A. G. Stromberg, Elektrokhimia 1 no. 7: 851-853 Ji '65.

Increase in the sensitivity of the method of amalgam polarography with storage by the enlargement of the surface area of ammonium mercury amalgam at higher temperature in nonaqueous solutions. IU. A. Koshnikov, A. G. Stromberg, Zhurn. anal. khim. 20 no. 8: 769-774 '65

Kinetic surface waves of 5-Bz-2-acetylthiophene in water-methanol solutions. S. G. Matanovskii, A. D. Filonova, Elektrokhimia 1 no. 9: 1044-1051 S '65.

Oscillographic polarography of scandium ions. IU. S. Gorodetskii, Elektrokhimia 1 no. 7: 773-778 Ji '65

Polarographic analysis of the products of thermal oxidative degradation of polyester resins based on maleic and chlorogenic anhydrides and ethylene glycol. E. G. Gubcheg, T. I. Chibisova, B. M. Kovasaka, Prib. massy no. 10: 42-44 '65.

Polarographic determination of chlorogenic acid. I. Davydok, IU. S. Ivanova, Biokhimia 30 no. 6: 937-932 S-O '65.

Polarographic determination of santonin in the wormwood Artemisia cin. D. R. Dzhalilov, I. P. Shumov, M. I. Goriachev, Apt. delo 14 no. 1: 30-33 Ja-F '65.

Polarographic study of polycyclic aromatic ketones. Part I: Polarography of benzanthra in 70% methanol. L. IA. Khlefteva, T. A. Pecherzhenskaya, V. D. Bezuglyi, Zhur. ob. khim. 35 no. 10: 1703-1707 O '65.

Polarography of nitric acid esters. Mechanism of electroreduction. M. S. Rusakova, IA. I. Tur'lin, B. F. Ustashevskikov, Elektrokhimia 1 no. 7: 854-857 Ji '65.

Polarography of tellurium. Part 2: Hexavalent tellurium. S. I. Zhdanov, R. G. Pats, Elektrokhimia 1 no. 9: 1002-1006 S '65.

Quantitative polarographic determination of microconcentrations of p-phenylenediamine and benzidine. IU. I. Bellia, Lab. delo no. 10: 584-585 '65.

Use of an apparatus with the automatic reproduction and removal of stationary mercury microelectrodes for the determination of ultrasmall amounts of substances. A. M. Demkin, IA. P. Gokhshtein, Zhurn. anal. khim. 20 no. 8: 864-867 '65

Use of ultrasound for increasing the sensitivity of the method of amalgam polarography with storage. II. K. Spirin, Zhurn. anal. khim. 20 no. 8: 781-784 '65.

POLES see subdivision under Balkan Lake region; Moscow, Rumania

POLESYE—CORN (MAIZE)—FERTILIZERS AND MANURES

Forms of nitrogen in lu f-Podzolic soils, its dynamics, and the effectiveness of nitrogen fertilizers for potatoes and corn. N. A. Volnolovich, Agrokhimia no. 10: 10-23 O '65.

POLESYE—MUCORALES

Fungi of the order Mucorales in the rhizosphere of barley and oat of the Polesye districts of the Ukrainian S.S.R. T. S. Kyrylenko, Mikrobiol. zhur. 27 no. 5: 16-23 '65.

POLESYE—POTATOES—FERTILIZERS AND MANURES
Form of nitrogen in lu f-Podzolic soils, its dynamics, and the effectiveness of nitrogen fertilizers for potatoes and corn. N. A. Volnolovich, Agrokhimia no. 10: 10-23 O '65.

POLESYE—RHIZOSPHERE MICROBIOTA

Fungi of the order Mucorales in the rhizosphere of barley and oat of the Polesye districts of the Ukrainian S.S.R. T. S. Kyrylenko, Mikrobiol. zhur. 27 no. 5: 16-23 '65.
Quantitative and general composition of fungi in the rhizosphere of barley and oat in the Polesye districts of the Ukrainian S.S.R. T. S. Kyrylenko, Mikrobiol. zhur. 27 no. 5: 16-23 '65

POLESYE—ROTATION OF CROPS

Field crop rotations in the Polesye of the Ukrainian S.S.R. T. S. Kyrylenko, Zemledel. 24 no. 10: 10-11 O '65

POLIAKOV, ANIBIM ALEKSANDROVICH, 1904-

Scientific achievements of Honored Scientist of the R.S.S.R. Professor A. A. Poliakov. B. I. B. and others, Trudy VNIIS 24: 160-161 '61

POLICE

At the permanent post for the Soviet Police. I. Korshukin, Agitator 34 no. 20 44-49 O '65.

Contract to protect mailbags properly by means of protective guards attached to the ends of police. M. G. Markova, Izv. vuz. uch. i nauch. rab. 1965 151-155 '65.

POLICE, PRIVATE

Need to revise the model contract for guard services furnished by nongovernment organizations. G. I. I. I. I. Shcherbina, Sov. khol. 20 no. 1: 13-14 O '65

POLIAKOVSKII, VLADIMIR ISAACHOVICH, 1904-1965

V. I. Poliakovskii, obitany. Teplemest. 1: 1-2 O '65

POLIOMYELITIS

Clinical and anatomical characteristics of poliomyelitis. A. I. Mup upov, T. S. Kanyukhodzhayev, V. A. Aliev, Shor. nauch. i med. Tashkent 23: 300-307 '63

Method of elongation and detection of the legs of poliomyelitis sequelae. I. N. Alakha, Zhurn. teot. i prakt. 26 no. 9: 59-61 S '65.

POLIOMYELITIS—VACCINATION

Use of fluorocarbon bath for vaccine dilution. V. I. I. I. I. Kibiko, Mikrobiol. zhur. 24 no. 10: 10-11 O '65

POLISH LANGUAGE—DICTIONARIES—RUSSIAN

Wietecka, H., and B. I. Krivonoz, comp. [Russian-Russian dictionary on technical parts] Pol'skoe slovar' po tekhnicheskimi. 1962. 304 p. Moscow, Sovetskaya entsiklopediya, 1962. 304 p.

POLISH MOTION PICTURES see Motion pictures, Polish

POLITICAL ETHICS

Problems of political and moral responsibility. B. M. Markovskii, Sov. gos. i prava 35 no. 10: 57-71 O '65

POLITICAL PSYCHOLOGY

The development of socialist consciousness of workers under conditions of the large-scale industrialization. B. A. Shumov, Voen. Mosh. un. Ser. 8: 1-2, filon. 20 no. 5: 55-64 O '65.

POLITICAL SCIENCE

Lomonosov lectures at the philological faculty. B. A. Kozlov, Voen. Mosh. un. Ser. 8: 1-2, filon. 20 no. 5: 55-64 O '65.

POLLIN—MORPHOLOGY

Morphological variability of the pollen of pine (Pinus sylvestris L.) growing in the Ukraine. B. A. Markovskii, Zhurn. 50 no. 5: 600-605 My '65.

POLOMET' RIVER—HYDROLOGY

Study of the structure of the distribution of water in the stream and channel deformations at the head of the Polomet' River. IU. M. Korshukin, Trudy VNIIS 24: 53-77 '65.

POLONIUM COMPOUNDS

Synthesis of p-xylyl derivatives of polonium as a result of the β -decay of RaE in the anhydrous state. B. A. Alakha, V. D. Nefedov, M. V. Nefedov, Zhurn. anal. khim. 20 no. 5: 620-623 '65.

POLTAVA—CORN (MAIZE)—GRADING

Increasing the output of sized corn seeds at the Poltava Grain Center. B. Kozmin, Muk. eksp. i teot. 31 no. 9: 13-14 S '65.

POLTAVA—FEED INDUSTRY

Practices of the Poltava Plant in the production of feeds for young poultry and animals. B. Poltav. Muk. eksp. i teot. 31 no. 3: 8 Ag '65

POLTAVA—INSURANCE, SOCIAL—EMPLOYEES

Vocation. A. Nazarov. Sots. obshch. 26 no. 10-26-27 O '65.

POLTAVA—OIL INDUSTRIES

Oil and Fat Combine in Poltava. N. D. Chapurnaya. Mashin. prom. 31 no. 10-31 O '65.

POLTAVA PROVINCE—CORN (MAIZE)

We are mastering the progressive technique of growing corn. H. Kovalenko. Ekon. Rad. Ukr. 8 no. 5175-77 My '65.

POLTAVA PROVINCE—SEALS (NUMISMATICS)

Attached seal from the Voin ancient site. R. O. Tula. Ist. dzhur. ta ibh vyk. no. 1-28-28 '64.

POLYETHYLENE

Compatibility of high-density polyethylene with polyisobutylene. M. A. Martynov and others. Plast. massy no. 10, 6-8 '65.

Polyethylene instead of tin. E. M. Klimberg. Ryb. khoz. 41 no. 9-60-61 '65.
Some properties of rubber manufactured with the use of low pressure polyethylene. V. N. Bochkarev, A. D. Zolotarevskiy, B. A. Krasnov. Kozh. shov. prom. 7 no. 12-25 Mr '65.

Stretching and contraction processes of polyethylene films having spherulite structures. V. A. Kargin, V. I. Solikhova, G. S. Maikova. Vysokom. soed. 1 no. 9-1195-1499 S '65.

POLYGONIUM see subdivision under Altai Mountains, Khamatad region (Uzbekistan)

POLYMERIZATION

Copolymerization of ethylene and propylene with the use of some organometallic catalysts. I. N. Andreeva and others. Plast. massy no. 10-1-6 '65.

Degree of polymerization of sodium metaphosphate at various temperatures. F. M. Parafimov, A. A. Zvoyskiy, L. B. Gannaz, Izv. AN SSSR, Neorg. mat. 1 no. 5-725-729 My '65.

Determination of the changes in the degree of polymerization of wood pulp during the initial stages of cooking process using the direct titration of wood. I. P. Tsvetaeva, N. K. Lysak. Zhur. prikl. khim. 38 no. 6-1310-1315 Ju '65.

Determination of the efficiency of weak inhibitors in viscous media. G. P. Gladyshev, S. R. Rafikov, N. V. Churbaeva. Dokl. AN SSSR 165 no. 1-173-175 N '65.

Effect of polymerization inhibitors on the strength of acid-resistant pastes in chloroprene containing media. A. Sukhanov, S. Blurat, A. Kazarian. Prom. Aiz. 8 no. 8-39-40 Ag '65.

Kinetics of ethylene telomerization by carbon tetrachloride. B. A. Englin, R. Kh. Freidlina. Zhur. fiz. khim. 39 no. 0-2208-2214 S '65.

Kinetics of nonsteady state of polymerization of acrolein. P. E. Matkovskiy, N. D. Zavorotkina, N. M. Chirkov. Vysokom. soed. 7 no. 9-1484-1488 S '65.

Link formation mechanism in the stereospecific polymerization of dienes. B. A. Dolgoplosk and others. Dokl. AN SSSR 164 no. 6-1300-1302 O '65.

Mechanism of the radiation polymerization of dihydroxyphenylphosphine oxide. I. G. Chikishev, B. L. Tsellin, S. R. Rafikov. Vysokom. soed. 7 no. 9-1488-1494 S '65.

Polymerization and copolymerization of α - and β -carbalkoxyvinyl phosphonates. A. N. Pudovik, R. G. Kuzovlev. Vysokom. soed. 7 no. 9-1530-1542 S '65.

Polymerization and copolymerization of some peroxide monomers. T. I. Iuzhenko, V. A. Puchin, A. A. Yonov. Dokl. AN SSSR 164 no. 0-1335-1339 O '65.

Polymerization of β -iodophenylacetylene. A. A. Berlin, M. L. Cherkashin, P. P. Kisilina. Izv. AN SSSR, Ser. khim. no. 10-1875-1877 '65.

Polymerization of fibrin monomer and its dependence on pH. V. O. Bleitser, T. V. Varetzka, L. O. Tarasenko. Ukr. biokhim. zhur. 37 no. 5-685-670 '65.

Radiation polymerization of isobutylene in various solvents. A. I. Popova, A. P. Sholinger, A. D. Abkin. Vysokom. soed. 7 no. 9-1607-1608 S '65.

Special features of catalytic polymerization of ethylene of the system $(C_2H_5)_2 TiCl_2 - Et_2AlCl$ and $(C_2H_5)_2 TiCl_2 - Et_2Al$ in an alkyl chloride medium. E. A. Fushman, V. I. Tsvetkova, N. M. Chirkov. Dokl. AN SSSR 164 no. 5-1095-1098 O '65.

Study of structural and rheological properties of water-soluble cellulose ethers in various degrees of polymerization. M. Kh. Hukman, H. S. Bashura, I. B. Levitskiy. Farmatsevt. zhur. 20 no. 1-20-28 '65.

Synthesis and the electrophysical properties of polymers obtained by the polycondensation of acetone and 4,4'-diacetyl-p-terphenyl with terephthalaldehyde. T. N. Lobzadze and others. Soob. AN Gruz. SSR 39 no. 1-75-79 Ji '65.

Synthesis of phosphorus-containing polyesters by means of homopolymerization reaction. A. N. Pudovik, G. I. Evtat'ev. Dokl. AN SSSR 164 no. 9-1331-1334 O '65.

POLYMERS

(see also subdivision under Noril'sk, Krasnoyarsk Territory)

Adhesiveness of plastics to metals. V. A. Belyi, R. A. Raito. Dokl. AN SSSR 9 no. 1-34-36 Ja '65.

Certain characteristics of the mechanism of chemical reactions of diene polymers. I. A. Tutorakh, S. V. Novikov, B. A. Dogadkin. Zhur. fiz. khim. 39 no. 9-2157-2162 S '65.

Colored polyarylates based on some dihydroxyanthraquinone. V. V. Korshak, S. V. Vinogradova, I. P. Antonova-Antipova. Vysokom. soed. 7 no. 9-1543-1548 S '65.

Compacting of sediments in a static electric field. O. G. Us'latov, I. S. Lavrov, I. P. Efremov. Koll. zhur. 27 no. 5-767-769 S-O '65.

Cross-linking of solutions of polymers and their mixtures. V. N. Kulcznev, I. S. Kikhinn, B. A. Dogadkin. Koll. zhur. 27 no. 5-715-719 S-O '65.

Density of the diluted solutions of some fiber-forming polymers. N. V. Alkhalov, S. G. Zil'mova, I. F. Byrkova. Khim. volok. no. 5-6-13 '65.

Effectiveness of polymer building materials and products. R. V. Zik'ev. Stroitel. i zhur. 6 no. 1-22-24 Ja '65.

Electron-ion technology and polymers. S. S. Davydov. Stroitel. i zhur. 11 no. 10-11 O '65.

Foreign polymer materials. V. Koshkin. No stroitel. Ros. 5 no. 9-28-29 S '65.

Method of anatomic study of the lungs with the aid of various polymeric materials. G. A. Dobrovolskiy. Arkh. pat. 27 no. 8-76-77 '65.

New method of synthesizing nitrogen-containing polymers with conjugate bonds and their electrophysical properties. I. A. M. Pashkina and others. Dokl. AN SSSR 164 no. 5-1085-1088 O '65.

Polymer materials and equipment for processing them. A. M. Volchok. Khim. i met. mashinost. no. 9-37-39 S '65.

Polymers in a chain here. N. Bolgarov. Agitator 33 no. 10-12-44 My '65.

Polymers in effect. D. G. Khaikina, E. F. Semenov. Poligrafia no. 6-35 Ag '64.

Possibility of initiating the chain reaction of polymer oxidation by iminoxyl radicals. V. V. Gulinanova and others. Vysokom. soed. 7 no. 9-1515-1519 S '65.

Production of polymer construction materials for floors. I. A. I. Stul'. Bui. at. i tekhn. 27 no. 9-331-336 S '65.

Properties and structure of the products of vulcanization reaction with styrene. A. I. Vasilov, I. A. Tutorakh, B. A. Dogadkin. Kautsch. i rez. 24 no. 10-23-26 '65.

Structure and thermal degradation of cyclic and linear polymers of dimethylsilylene and dimethylgermylene. O. M. Nedkov and others. Dokl. AN SSSR 164 no. 4-822-825 O '65.

Structure of polydimethacrylamides. G. D. Rukovskis, T. A. Sokolova, M. M. Kotov. Dokl. AN SSSR 164 no. 5-1009-1073 O '65.

Studying the possibilities of the hardening and processing in goods of thermosetting polyarylates. S. V. Vinogradova and others. Plast. massy no. 10-1-3 '65.

Synthesis of cellulose ether containing a double bond and its polymer analog conversions. E. F. Sharkova, A. D. Virnik, Z. A. Rogovin. Izv. vyz. ucheb. zav. khim. i khim. tekhn. 8 no. 3-465-468 '65.

Synthesis of graft copolymers of cellulose and polymethacrylate. A. A. Korotkova, Z. A. Rogovin. Vysokom. soed. 7 no. 9-1571-1575 S '65.

Synthesis of polyarylates based on 2,2-di-(4-hydroxy-3-methylphenyl)propane. V. V. Korshak and others. Vysokom. soed. 7 no. 9-1633-1636 S '65.

Tikhomirov, V. B. [Polymer coatings in nuclear engineering] Polimernye pokrytiya v atomnoy tekhnike. Moskva, Atomizdat, 1965. 276 p.

Use of polymer materials and synthetic adhesives in public utilities. V. Denisov, L. Gombart, S. Iasovskiy. Zhil. i kom. khoz. 16 no. 9-12-13 S '65.

Use of polymer materials in the repair of residential houses. Sh. Golant, Zhil. i kom. khoz. 18 no. 9-20-21 S '65.

Use of polymeric materials for part repair. V. I. Iarovitsin. Trif. prom. 42 no. 7-131-35 '65.

Using polymers to accelerate the sinking of piles. I. U. N. Litov. Osn. i fund. i mekh. grun. 7 no. 5-5-6 '65.

Vorob'ev, V. A., R. A. Andrianov, and G. P. Fedoseev. [Polymer heat-insulating materials in construction; a textbook] Polimernye teploizolyatsionnye materialy v stroitel'stve; uchebnoe posobie. Moskva, Vses. zaochny. stroitel'nyy tekhnikum, 1964. 110 p.

POLYMERS—OPTICAL PROPERTIES

Interpretation of the scattering of polarized light by concentrated solutions of polymer films. V. G. Baranov, T. I. Volkov, S. A. Frenkel'. Vysokom. soed. 7 no. 9-1555-1570 S '65.

POLYMERS—SPECTRA

Absorption spectra, electric conductivity, and photoconductivity of polyazo polyarenes. G. N. Denisova and others. Elektrokhimia 1 no. 9-1145-1149 S '65.

POLYMERS—STANDARDS

The miracle of our century. M. Zubova, N. Merkulova, M. Shestov. Standartizatsia 29 no. 8-52-53 '65.

POLYMERS—THERMAL PROPERTIES

Temperature dependence of heat conductivity and temperature diffusivity of some polymeric materials. V. S. Bui. N. D. Avokratova. Plast. massy no. 10-37-39 '65.

POLYMERS—TOXICOLOGY

Toxicity of polymers. A. Anokhin, I. Ponomarev. Pozh. delo no. 9-27 S '65.

POLYMERS, EFFECT OF RADIATION ON

Radiation and polymers. I. M. Barkalov. Priroda 54 no. 2-13-17 F '65.

POLYMORPHISM

Polymorphic modifications of lead dioxide. V. A. Kirkinskii. Zhur. neorg. khim. 10 no. 9-1866-1870 S '65.
Polymorphism transitions in some fats and margarine oils. V. M. Vergelesov, A. P. Dolanov, I. P. Andrianov. Izv. vyz. ucheb. zav. i shk. tekhn. no. 5-30-35 '65.

POLYNESIANS

Seaways to Polynesia. V. I. Vollov. Priroda 54 no. 2-50-59 F '65.

POLYPLOIDY

Methods of obtaining tetraploids in red clover (*Trifolium pratense* L.) by means of colchicine. N. K. Navukhina. Ukr. bot. zhur. 22 no. 4-8-14 '65.

Resistance of diploid, triploid, and tetraploid sugar beets to herbicides. A. V. Voevodin, Zh. V. Popova. Khim. i sel. khoz. 3 no. 9-17-51 S '65.

Some problems concerning the selectivity of fertilization in diploid and tetraploid sugar beets. V. A. Tikhonov, V. O. Panin, I. A. Shevtsov. Ukr. bot. zhur. 22 no. 4-3-7 '65.

Spontaneous polyploid and haploid forms of twin sugar beet plants. T. B. Dobretsova, A. N. Lukov, A. M. Manzhos. Dokl. AN SSSR 164 no. 4-921-924 O '65.

POLYPROPYLENE

Development of the continuous method for the production of polyisobutylene with 1000-3000 molecular weights. M. A. Mullin, A. P. Savostin, E. S. Chernenkova. Khim. i tekhn. topl. i masel. 10 no. 10-23-26 O '65.

Effect of the molecular weight distribution in polypropylene on fiber properties. D. V. Filbert, G. N. Molokova, A. B. Pakshver. Khim. volok. no. 5-6-8 '65.

Products of interaction between polypropylene and alkaline sulfate lignin. V. E. Gul', E. G. Lishchinskaya. Dokl. AN SSSR 165 no. 1-110-113 N '65.

POLYSACCHARIDES

Antigenic characteristics and antigenic structure of polysaccharide-containing complexes of enteropathogenic and nonpathogenic strains of *Escherichia coli*. S. V. Dobrotko, A. A. Afonina, I. A. Zakhara. Mikrobiol. zhur. 26 no. 4-3-9 '64.

Bacterial polysaccharides as pyrogens. I. P. Ichniakov. Mikrobiol. zhur. 27 no. 3-85-90 '65.

Comparative study of the "firmly bound" polysaccharide-containing fraction of alkali-forming enterobacteria. H. M. Laushyk. Mikrobiol. zhur. 27 no. 3-3-7 '65.

Evaluation of the specificity of polysaccharide antigens obtained from yeasts and yeastlike fungi. A. L. Lishchinskaya. Vest. derra i von. no. 1-15-30 '65.

POMEGRANATE—DISEASES AND PESTS see subdivision under Georgia

PONOMARENKO, OL'GA

How was the audibility? V. Mikulchik. Sov. voln. 46 no. 17-14 Ag '64.

PONTOONS

Investigation of reinforced concrete loaded pontoons for underwater pipelines. R. G. Sadovnikov and others. Stroitel. trubo. 10 no. 10-6-8 O '65.

POPLAR

Experiment in growing balsam poplar seedlings. G. R. Usmanov, E. I. Zaitman. Put' i put. khoz. 9 no. 7-30 '65.

POPLAR—DISEASE AND PEST RESISTANCE see subdivision under Caucasus, Northern

POPOVA, LIUDMILA MIKHAILOVNA

Lenin listens to the "Appassionata." A. Shagalov. Sov. voln. 46 no. 17-9 Ag '64.

POPULATION—STATISTICS

The population of the world: facts and figures. Agitator 33 no. 10-58-59 My '65.

PORCELAIN

Sore effect in electrical porcelain. N. S. Kostukov, N. P. Antonov, V. I. Dmitriyev. Zhur. fiz. khim. 39 no. 9-2175-2177 S '65.

POULTRY HOUSES AND EQUIPMENT—MAINTENANCE AND REPAIR

Russia (1017- R S F S R) Ministerstvo stroitel'stva [Government norms and estimates for construction, assembly, and repair work] Vedomstvaemye normy i raschetnyye stroitel'nye, montazhnye i remontno-stroitel'nye tabely Moskva, Stroitel'stvo
Sbornik V-56 [Construction of livestock buildings and poultry houses] Stroitel'stvo zhivotnovodcheskikh pomeshchenii i pit'svodcheskikh ferim Izd 3, izm i dop 1951 295 p

POULTRY INDUSTRY

(see also subdivision under Latvia)

Trofimov, N.P. [Poultry industry] Industrii pit'sevodstva. Moskva, Znanie, 1955. 29 p. (Novoe v zhizni, nauka, tekhnika. V Seila Sel'skoe khoz'yaistvo, no.27)

POWDER METAL PROCESSES

Dependence of the structure and properties of SAP [sintered aluminum powder] on the sintering temperature and degree of deformation during rolling. A.I. Palov and others. Trudy MATI no.62 22-29 '65.

Developing conditions for the deformation of sintered blanks of molybdenum and its alloys with 0.15% of zirconium. Zh.I. Orneladze, V.I. Litvin, V.S. Lavinskaya. Sbornik, trudy TSNIICIM no.1110-111 '65.

Experimental powder rolling on an industrial-type mill. B.A. Borok and others. Sbornik, trudy TSNIICIM no.43: 53-59 '65.

Explosive extrusion of powder materials; survey of literature. R.K. Bauman, B.P. Lobashev. Sbornik, trudy TSNIICIM no.13 41-52 '65.

Forgeability of clad sheet SAP [sintered aluminum powder]. I.P. Tsiplitin, G.S. Sakharov. Trudy MATI no.62-14-21 '65.

Forging and hot die stamping of SAP [sintered aluminum powder]. G.S. Sakharov and others. Trudy MATI no.62-5-13 '65.

Investigating the sintering of the material SAP [sintered aluminum powder]. G.S. Sakharov, V.F. Manuilov, A.M. Gaiduk. Trudy MATI no.62 38-47 '65.

Manufacture of part of sintered aluminum powder SAP-2 and SAP-3 by pressing in closed dies. A.I. Kolpashnikov and others. Kuznet'skaya prom. 6 no.9 7-9 S '64.

Producing high purity sheet and strip by means of the direct rolling of an electrolytic titanium powder. A.P. Malin and others. Sbornik, trudy TSNIICIM no.43 59-60 '65.

Technological processes of the manufacture of ceramic-metal friction disks. G.M. Lavekhin, N.N. Gnatyshak. Avt.prom. 31 no.6:12-13 Je '65.

Transformations during the powder heating for SAP [sintered aluminum powder]. A.I. Palov and others. Trudy MATI no.62 30-37 '65.

POWDER METALLURGY

An antifriction material on the basis of steel chips. S.I. Stepanov. Porosh.met. 1 no.5 81-85 S-O '64.

Arc plasma in the metallurgy of ceramic metals. A.N. Krasnov, V.M. Sleptsov. Porosh.met. 5 no.1 70 Ja '65.

Ceramic metal chromium and chromium-nickel stainless steels. R.P. Shegoleva and others. Sbornik, trudy TSNIICIM no.43 81-90 '65.

Characteristics of the technology of mixing compact parts and the mechanical properties of certain rare-earth metal hexaborides. V.G. Arabel, E.N. Shatom, Ju.A. Lapitskii. Porosh.met. 4 no.5 65-70 S-O '64.

Investigating the effect of dispersed oxide inclusions on the properties of nickel. B.A. Borok, G.M. Karpman. Sbornik, trudy TSNIICIM no.43:119-130 '65.

Investigating the microstructure of powder alloys obtained by simultaneous reduction. R.P. Shegoleva and others. Sbornik, trudy TSNIICIM no.43:100-111 '65.

Investigating the possibility of preparing powder stellite. V.G. Teplenko, Z.V. Solov'eva, G.T. Maksimutseva. Sbornik, trudy TSNIICIM no.43:115-118 '65.

Investigating the technological conditions for the preparation of aluminum powder and its properties. Z.V. Solov'eva and others. Sbornik, trudy TSNIICIM no.43:99-108 '65.

Investigation of the effect of heat treatment on the properties of porous stainless steel. S.M. Solonin, L.V. Globa. Porosh.met. 5 no.1:13-19 Ja '65.

Investigation of the mechanical properties of powder metal steels obtained by sintering mixtures of iron and graphite powders. I.M. Fedorchenko, B.I. Chayka. Porosh.met. 5 no.1:45-51 Ja '65.

Methods of activated sintering with the use of chlorine. M. Sivachok. Porosh.met. 4 no.5 71-78 S-O '63.

Obtaining alloy and steel powders by the simultaneous reduction of oxide mixtures by calcium hydride. B.A. Borok, V.G. Teplenko. Sbornik, trudy TSNIICIM no.43: 59-60 '65.

Phenomena of energy absorption during the compaction of metal powders. N.F. Kumin, B.D. Ianchenko, N.V. Myshkina. Porosh.met. 5 no.1:1-12 Ja '65.

Improving high-purity iron and making alloys on its basis. V.G. Teplenko and others. Sbornik, trudy TSNIICIM no.13 169-172 '65.

Producing high purity sheet and strip by means of the direct rolling of an electrolytic titanium powder. A.P. Malin and others. Sbornik, trudy TSNIICIM no.43 59-60 '65.

Production of high-quality ferrosilicon powder for heavy superalloys. N.M. Dzhuno and others. Met. i gornod.prom. no.12:1-16 Ji-Ag '65.

Role of second-order distortions in compaction processes during pressing and recrystallization in the sintering of high-melting metals. P.N. Alukseva and others. Porosh.met. 1 no.5 1-8 S-O '64.

Technology of preparing titanium and calcium hydrides. V.G. Teplenko, K.G. Kudimova, T.S. Shishkanov. Sbornik, trudy TSNIICIM no.13 135-139 '65.

POWDER METALLURGY—CONGRESSES

Conference on powder metallurgy held in Poland. S.Stolarz. Porosh.met. 5 no.1:107-110 Ja '65.

POWDERS

Measuring the permeability of ferromagnetic powders. Zav. lab. 31 no.9:1100-1102 '65.

POWER ENGINEERING

(see also subdivision under United States)

For high-quality work in power engineering enterprises. N.P. Simochatov. Energetik 13 no.10:1-3 O '65.

In brief about new developments. Prom.energ. 20 no.10:55-56 O '65.

Reducing manual work in the power engineering construction. P.K. Moroz. Mekh. stroit. 21 no.8:5-9 Ag '65.

Sixtieth anniversary of the Moscow Power Engineering Institute. P.G. Gudimov, I.I.A. Konfederatov. Elekt. sta. 36 no.11:2-5 N '65.

Sixtieth anniversary of the Moscow Power Engineering Institute. P.G. Gudimov, I.I.A. Konfederatov. Izv. vuz. ucheb. zav. energ. 8 no.10:1-9 O '65.

Through the pages of trade journals. Energetik 13 no.10:30 O '65.

Through the pages of trade journals. Prom.energ. 20 no.10:61 O '65.

POWER ENGINEERING—BIBLIOGRAPHY see Bibliography—Power engineering

POWER ENGINEERING—STUDY AND TEACHING see subdivision under Moscow

POWER PRESSES

Problems in the operation of semi-automatic presses for naphthalene. N.D. Shumov. Leksikon, no.10 11-54 '65.

POWER PRESSES—PAIRS

Presses concrete stand of the K17ZhB press. M.I. Brilovskii. Vest. mashinost. 45 no.7 51-53 Ji '65. Universal adjusting block. A. Nesterenko. Prom. Arm. 6 no.8:20-30 Ag '65.

POWER PRESSES—TESTING

Determining the power expenditure of a double-ram press during the work cycle. G.M. Izyekov, P.T. Blakov, S.A. Beloshudnev. Tef. prom. 42 no.3: 28-30 '65.

POWER RESOURCES—STATISTICS

Riznik, A.I., and S.E. Litvak. [Fuel and power balance of the U.S.S.R.; methods for statistical development and analysis] Toplivo-energeticheskie balansy SSSR, metodologiya statisticheskoi razrabotki i analiza. Moskva, Statistika, 1955. 149 p.

POWER TOOLS—SAFETY MEASURES

Assurance of safety in the use of electric household appliances and apparatus. M.D. Gorenshstein. Elekt. tichestvo no.9:80-87 S '65.

PRAGUE, BATTLE OF, 1945

From the history of the deliverance of Prague by the Russian Army. Cestmir Amori. Int. SSSR 9 no.3: 220-227 My-Je '65.

PRASEODYMIUM OXIDES

Catalytic properties of praseodymium oxide in the reaction of dehydrogenation and dehydration of alcohols and dehydrogenation of tetralin. A.A. Tolstoptatova. Izv. TSI-tskum' [U Ch'i-ch'uan], L.S. Gorshkova. Khim. kat. 6 no.3:466-470 My-Je '65.

PRECAST CONCRETE

Introduction of new technological processes in the production of precast reinforced concrete. P.K. Balatov. Bui. stroit. tekhn. 27 no.9:27-32 S '65.

Specialization and distribution of the production of precast reinforced concrete. G. Teresh. Ekon. stroit. no.10:10-15 O '65.

PRECAST CONCRETE—CURING

Technology of the heat treatment of precast reinforced concrete elements for large-panel apartment-house construction. D.S. Mikhonovskii, I.U. P. Khushnuk. Stroitel'nikh izb. 6 no.9 4-8 S '65.

PRECAST CONCRETE—WELDING

Mechanization of the welding of embedded parts of precast reinforced concrete structures. Bet i zhel bet. 11 no.10:45-46 O '65.

PRECAST CONCRETE CONSTRUCTION

Elevators from precast reinforced concrete. F.A. Issera, G.A. Zaidman, I.S. Khoroshii. Bet i zhel bet. 11 no.10:12-14 O '65.

Industrial building from precast monolithic reinforced concrete. G.A. Litvosh. Stroitel'nikh Izv. 27 no.9 20-30 Ag '65.

Precast reinforced concrete in the construction of farm buildings. I.A. D'iashevskii. Bet i zhel bet. 11 no.10:1-3 O '65.

Preparing precast reinforced concrete elements on building sites. V.A. Anisimov. Stroitel'nikh Izv. 6 no.11:1 Ja '65.

Study of precast blocks for apartment houses. S. Krotovskii, E. Vaisman, N. Gamalet. Zhil. stroit. no.6: 13-17 '65.

There is an increase in the manufacture of up-to-date precast reinforced concrete products. I.I. Koryev. Stroitel'nikh Izv. 6 no.10:1-11 Ja '65.

PRECAST CONCRETE CONSTRUCTION—TECHNOLOGICAL INNOVATIONS

Results of the All-Union Conference on the Current Problems of Concrete Technology in the Precast Reinforced Concrete Industry. A.E. Shekin, L.A. Kaiser. Bet i zhel bet. 11 no.10:43-45 O '65.

PRECIPITATION (CHEMISTRY)

Precipitation of arsenic, indium, and germanium from sulfuric acid solution by zinc sulfide. F.I. Ponomareva and others. Trudy Inst. met. i obog. AN Kazakh. SSR 12 91-94 '65.

Refraction analysis of precipitation reactions in the systems A-B-D-H₂O. E.A. Glusner, J. M. Melnikhenko. Zhur. neorg. khim. 10 no.9 2175-2179 S '65.

PRECIPITATION (METEOROLOGY)

(see also subdivision under Altai Territory; Kungey Altai, Soviet Central Asia)
Determining the characteristics of precipitation within a region. O.A. Drodov, I. P. Kuratova, I.N. Neechev. Trudy GGO no.181 121-136 '65.

PRECIPITATION (METEOROLOGY)—MEASUREMENT see subdivision under Vaiday Lake region

PRECISION CASTING

Automatic accounting and management of a standard shop for precision investment casting. I.K. Agapov, L.B. Sokol. Avt. prom. 31 no.10:1-4 O '65.

Fundamentals of investment casting. A.A. Tager and others. Lit. proizv. no.9:36-39 S '64.

Investment casting of thin walled large-size castings from aluminum alloys. V.V. Perevedentsev. Lit. proizv. no.9 41-42 S '64.

Precision of die and investment castings. A.K. Kutai, L.I. Bronkina. Lit. proizv. no.8:37-39 Ag '64.

Shell molds of zircon and zircon mixtures with titanium dioxide for investment casting in vacuum and open furnaces. M.V. Sladkova, A.K. Antonov, V.A. Chumakov. Lit. proizv. no.8:1-3 Ag '64.

PREDATORY ANIMALS see subdivision under Prut Valley

PREDICATES, CALCULUS OF see Calculus of predicates

PREDNISOLONE

Reparative process under the combined effect of somatotropin and prednisolone. A.I. Bukhonova. Dokl. AN SSSR 185 no.1:245-248 N '65.

PREFABRICATED BUILDINGS see Buildings, Prefabricated

PREGNADIENEDIONE

Some metabolic processes in dermatosis patients treated with prednisone and prednisolone. I.N. Dmitrieva. Vest. derm. i ven. no.2:16-21 '65.

PREGNADIENEDIONE—THERAPEUTIC USE

Wound healing following the administration of prednisolone, experimental study. V.G. Mikuljak. Klin. khir. no.2 70-71 '65.

PREGNADIENETRIONE

Some metabolic processes in dermatosis patients treated with prednisone and prednisolone. I.N. Dmitrieva. Vest. derm. i ven. no.2 16-21 '65.

PREGNANCY

Change in the quantity of microelements and the activity of some enzymes in the blood of women. Z.V. Bibilashvili. Soob. AN Gru. SSR 30 no.3:583-588 S '65.

PREGNANCY (Continued)

- Characteristics of the ballistocardiogram in healthy pregnant women. N. F. Rybina. Akush. i gin. no. 1:28-32 '65.
- Characteristics of the course of pregnancy and labor in multiparas. Kh. N. Chipev. Akush. i gin. no. 2:69-70 '65.
- Content of mucoproteins in the blood of pregnant women. R. Z. Zaichik. Akush. i gin. no. 2:30-32 '65.
- Cyclic variability of leucocytes and leucocyte sedimentation reaction in pregnancy. I. M. Kushnir and others. Nek. vop. klim. i kraev. pat. no. 3:65-72 '63.
- Dynamics of some blood components in pregnant and calving cows. I. Z. Akhmetov. Uzb. biol. zhur. 9 no. 5:36-38 '65.
- Early diagnosis of pregnancy using the passive hemagglutination method. D. Vallo, I. Szasz, I. Perkedj. Akush. i gin. no. 1:21-28 '65.
- Isolimmunization to leucocytes in pregnancy. Kh. V. Sintichuk, E. M. Ventsak. Probl. gemat. i perel. krovi no. 3:21-24 '65.
- Seiologic diagnosis of pregnancy. E. I. Kotliarskai, A. G. Rogunova. Akush. i gin. no. 1:18-24 '65.
- Significance of intrauterine fetal electrocardiography in the early diagnosis of multiple pregnancy. R. S. Kapialova. Akush. i gin. no. 2:45-49 '65.

PREGNANCY, COMPLICATIONS OF

- Carbohydrate function of the liver in toxemia during pregnancy. S. M. Gevorkian. Zhur. eksp. i klin. med. 2 no. 6:105-110 '62.
- Changes in the plasma volume and protein composition of the blood serum in late pregnancy toxemias. L. L. Kolpakova. no. 1:130-133 '65.
- Compression syndrome of inferior vena cava. I. U. N. Erofeev. Akush. i gin. no. 2:112-113 '65.
- Diagnosis and clinical aspects of toxoplasmosis in women with complicated obstetrical anamnesis. N. M. Mulatova. Akush. i gin. no. 1:133-136 '65.
- Diagnosis of cancer of the stomach in pregnant women. M. N. Miasnikova. Nauch. trudy Riaz. med. inst. 11:110-124 '60.
- Effect of the course of pregnancy and labor on the fibrinogen level and its significance in obstetric practice. K. V. Porai-Koshits. Akush. i gin. no. 1:50-56 '65.
- Hypertension and the fetus. M. M. Varianian. Zhur. eksp. i klin. med. 5 no. 1:90-98 '65.
- Pregnancy and labor in Addison's disease. G. S. Zefirova, R. G. Fridzon. Akush. i gin. no. 1:145-146 '65.
- Pregnancy, labor, and lactation in diabetes mellitus. I. A. Nazhbits, L. L. Liberman, G. A. Savitskii. Akush. i gin. no. 2:135-137 '65.
- Significance of electrophoretic study of blood protein fraction for detecting the activity of the rheumatic process in pregnant women with heart defects. O. M. Levantovskaya, V. A. Spasskaya. Akush. i gin. no. 1:137-139 '65.
- State of neural elements of the uterus in myoma and pregnancy. Z. Sh. Giliuzutdinov. Akush. i gin. no. 2:20-24 '65.
- Surgical treatment of acute thrombophlebitis of subcutaneous veins of the lower extremities during the second stage of pregnancy. G. N. Saratkina. Akush. i gin. no. 2:147-148 '65.
- Treatment of late pregnancy toxemias. M. N. Volokh-Isaeva. Sov. med. 28 no. 3:72-75 Mr '65.

PREGNANEDIENEDIONE

- Dynamics of megakaryocytopoiesis in children with Werthoff's disease during prednisolone therapy. I. U. E. Malakhovskii, A. D. Muranova. Probl. gemat. i perel. krovi no. 3:17-22 '65.

PREINITE

- High-ferriiferous variety of prehnite and a new diagram for prehnites. V. V. Zolotukhin, I. U. R. Vasil'ev, N. I. Zluzin. Dokl. AN SSSR 164 no. 6:1390-1393 O '65.

PRELIMINARY EXAMINATIONS (CRIMINAL PROCEDURE) see subcategory under Ukraine

PRENATAL CARE

- Prenatal protection of the fetus in pelvic and transverse presentation. I. F. Dikan'. Akush. i gin. no. 1:122-121 '65.

PRESCHOOL EDUCATION see Education, Preschool

PRESCRIPTION WRITING—HANDBOOKS, MANUALS, ETC.

- Novik, I. O., and A. I. Marchenko. [Prescription manual for the stomatologist]. *Refsepturnyi spravochnik vracha-stomatologa*. 2. izd., 1 spr., 1 dop. Kiev, Zdorov'ia, 1965. 170 p. (DNLM)

PRESS—BIBLIOGRAPHY see Bibliography—Press

PRESSING OF GARMENTS

- Forming of clothing parts made from lavsan-containing fabrics. I. V. Orlov, C. T. Dovhozhel. Leh. prom. no. 2:44-47 Ap-Je '65.

PRESSING OF GARMENTS—EQUIPMENT AND SUPPLIES

- Systems for steam-pressing of clothing made from nonwoven fabrics. I. V. Orlov and others. Tekhn. no. 2:7-12 Ap-Je '65.

PRESSURE

- Automatic device for determining saturation pressure in a well. T. P. Ivanov, G. I. Timakov. Nefteprom. delo no. 9:20-31 '65.
- Express method for testing wells based on pressure build-up curves. P. A. Tsebin, G. V. Shcherbakov. Neft. khoz. 43 no. 9:28-31 S '65.
- Pressure change caused by blast waves in closed space. N. S. Svichakov. Stroim. mekh. i mash. stroi. 7 no. 5, 27 '65.
- Pressure losses in casing space. B. G. Lomonov, I. P. Finaf'ev, B. S. Filatov. Neft. khoz. 43 no. 9:12-17 S '65.

PRESSURE GAUGES

- Instruments for gauging pressure. N. I. Liberman. Poligrafia no. 8:45-47 Ag '65.
- One of the methods of controlling the performance of a piston compressor. A. I. Boiokhovitch. Gor. zhur. no. 8:33-34 Ag '65.

PRESSURE REGULATORS

- Controlling pressure in an autoclave battery and level in a flat stage separator. A. D. Gerlein. TSvet. met. 38 no. 6:79 Je '65.
- Some problems in the dynamics of a pneumatic pressure regulator. V. I. Chukmazov. Izv. vys. ucheb. zav. mashinostr. no. 8:115-116 '65.

PRESSURE SUITS

- Fitting of the pressure suit. A. S. Gavrilov, A. S. Tselivashvili, A. I. Shaposhnikov. Voen.-med. zhur. no. 1:65-67 '65.

PRESSURE VESSELS

- Increasing carrying capacity of low-carbon steel vessels under conditions of small-cycle internal pressure loading. A. D. Chudnovskii, I. V. Kudavtsev. Vest. mashinostr. 45 no. 7:7-12 Ji '65.

PRESSED CONCRETE CONSTRUCTION

- The ANM-5 machines for winding and stretching annular reinforcements on reinforced concrete tanks. V. S. Turkin. Stroi. i dor. mash. 10 no. 9:24-25 S '65.

PRESSED CONCRETE PRODUCTS

- Manufacture of prestressed reinforced concrete slabs. P. D. Panasenko. Gidr. i mel. 17 no. 8:31-35 Ag '65.
- Prestressed concrete stand of the K17ZhB press. M. I. Bralovskii. Vest. mashinostr. 45 no. 7:51-53 Ji '65.

PRESUMPTIONS (LAW)

- Facts dispensed from evidence in criminal proceedings. V. D. Arsen'ev. Izv. vys. ucheb. zav., prav. 9 no. 1:97-101 '65.

PRIANISHNIKOV, DMITRII NIKOLAEVICH, 1865-1948

- D. N. Prianishnikov. A. V. Peterburgskii. Zemledelie 27 no. 10:56-59 O '65.
- D. N. Prianishnikov and the development of agricultural chemistry: 100th anniversary of his birth. J. Poivo. Vest. AN SSSR 35 no. 10:10-20 O '65.

- Scientists and engineers. Shkola i protyv. 9 no. 10: 95-96 O '65.

PRICES see subcategory under Kazakhstan

PRILUKI DISTRICT—STUDENT ACTIVITIES

- New traditions enter life. V. M. Pryhorovskiy. Rad. shkola 44 no. 10:67-69 O '65.

PRIMORSKO-KHITARSK (KRASNODAR TERRITORY)—FISH PROCESSING PLANTS

- Recent developments in the Akhtarsk Fish Processing Plant. V. A. Tkachov. Ryb. khoz. 41 no. 9:71 '65.

PRINTERS

- Work of teen-agers in printing enterprises. I. A. Rubinshtein. Poligrafia no. 7:40-41 Ji '65.

PRINTING

- (see also subcategory under Great Britain)

- All resources should be used to improve the quality of production. M. V. Pashkov. Poligrafia no. 8:21-22 Ag '64.
- Book for workers in printing plants. L. Grushko. Poligrafia no. 8:47 S '65.
- Celebration of the 400th anniversary of Russian book printing. O. V. Molodchikov, I. U. V. Petrushko. Ukr. ist. zhur. 8 no. 3:149-150 My-Je '63.
- Flexographic printing on colophane. V. M. Tremut and others. Poligrafia no. 4:26-28 Ap '65.
- Images transferred to calcined glass. V. Dubovitskii, M. Dmitrieva, A. Bidulina. Poligrafia no. 9:17 S '65.
- Improve the quality of book and magazine production. Poligrafia no. 8:1-2 Ag '66.

Improve the quality of finishing work. V. A. Ly...

- Poligrafia no. 8:3-7 Ag '65.
- Intensify research work in an active way. I. A. Pashkov. Poligrafia no. 1:4-6 Ap '65.
- Optimal justification of lines. A. S. Pavlov. Poligrafia no. 7:14-19 Ji '65.
- Organization of the printing of books from 1945 to 1965. M. V. Mul'meister. Poligrafia no. 1:1-15 Ji '65.
- Preparing bimetal for use. B. Shcherbakov. Poligrafia no. 8:38 S '65.
- "Printing and publishing." Review. B. P. ... Poligrafia no. 9:16-17 S '65.
- Social obligations to improve further the technical standards, the quality, and the reliability of printing. Poligrafia no. 4:1 Ap '65.
- Sound-track printing production. D. D. ... Poligrafia no. 9:16-17 S '65.
- Technology of preparing enhanced dot-line printing. I. V. Chukmazov, P. I. Panfilov. Poligrafia no. 8:3-7 Ag '65.
- Treating the surface of polyethylene film. I. ... Karpenko and others. Poligrafia no. 9:10-15 S '65.
- Ways of improving the quality of the lines of 122 printing. M. M. Belomud, I. V. Voronov. Poligrafia no. 8:15-17 Ji '65.

PRINTING—CONCURRENCE

- Choosing the Youth Congress of the Science and Technology Society. M. V. Pashkov. Poligrafia no. 8:1-4 Ag '65.

PRINTING—STUDY AND TEACHING

- There are possibilities for the organization of the ... S. Molodtsov. Poligrafia no. 4:10-18 Ap '65.

PRINTING INDUSTRY

- (see also subcategory under Germany, East)
- Characteristics and persistence. Poligrafia no. 9:1-3 S '65.
- Improve the organization of scientific research in the printing industry. Poligrafia no. 1:1-4 Ap '65.
- Improve the quality of production execution. Poligrafia no. 7:1-2 Ji '66.
- Improving the technique and the technology of printing. A. Nakomeyev. Poligrafia no. 2:4-3 S '65.
- Link with production. V. D. Chudakov. Poligrafia no. 8:1-3 S '65.
- Main trends in specialization in enterprises of the printing industry from 1965 to 1970. I. ... V. I. Babichev. Poligrafia no. 1:2-9 Ap '65.
- News of printing in foreign countries. Poligrafia no. 4:5-18 Ji '65.
- Specialization of enterprises producing products for children. V. A. Mironov. Poligrafia no. 8:1-2 Ji '65.
- Work of repair shops in enterprises of the printing industry for the printing industry. V. I. ... Poligrafia no. 7:12-15 Ji '65.

PRINTING INDUSTRY—ACCOUNTING

- Strengthening cost accounting in printing enterprises. A. M. Levin, M. A. Shpil'berg. Poligrafia no. 8:1-2 Ji '65.

PRINTING INDUSTRY—EQUIPMENT AND SUPPLIES

- Technology and equipment of the workshop, paper, and printing industry. Ref. zhur. Tekhn. khoz. i dor. mash. 10 no. 9:10 R O '65.

PRINTING INK

- Characteristics of inks used in stencil printing. G. I. Klechak, R. M. Pashkov. Poligrafia no. 9:21-22 S '65.
- Determining the adhesiveness of printing inks. V. A. Molodtsov, K. A. Rudakov, I. N. Shcherbakov. Poligrafia no. 8:37-38 Ag '64.
- Flexographic inks for printing on colophane. V. I. Tremut and others. Poligrafia no. 9:10-11 S '65.
- Preparing inks with the aid of ultrasonic waves and others. Poligrafia no. 8:24 S '65.
- Stenciling inks for printing on glass. I. ... L. Drankin, M. Shukko. Poligrafia no. 9:22-23 S '65.

PRINTING MACHINERY AND SUPPLIES

- Bimetal plates on smooth aluminum for offset printing. V. G. Solodkova, K. G. Samonukova, T. G. ...tova. Poligrafia no. 8:8-10 Ag '65.
- Filling the boiler of the "OCEA" automatic color printing machine. Poligrafia no. 8:33 Ag '64.
- Forms with contact copper plating of printing elements. I. U. N. Berezuk, V. S. Labinskii. Poligrafia no. 8:1-2 Ji '65.
- Improvement of the FOR machinery. T. Ak ... Poligrafia no. 7:32-33 Ji '65.
- New printing foil. E. I. Kalinin, E. I. ... Poligrafia no. 4:37-38 Ap '65.

PRINTING MACHINERY AND SUPPLIES (Continued)

- Prospects for the development of electronic printing machinery. A. D. Rubinshteyn. Poligrafia no 8-26-29 Ag '61.
- Selecting typoms under production conditions. I. Belozorov, I. S. Selvinov. Poligrafia no 9-20-32 S '65.
- Significance of axial rolling of ink on sheet-fed machines. G. A. Alekseev. Poligrafia no 9-32-35 S '65.
- Strengthening the sheet-feeder tape. K. Suvayin. Poligrafia no 7-11-35 JI '65.
- Synthetic ink rollers. S. I. Shkol'nik, V. M. Shchinskii, O. F. Polanov. Poligrafia no 8-37-36 Ag '61.
- Synthetic supports under plastic stereotypes. A. Mai-kovich. Poligrafia no 9-39 S '65.
- Volunteer's Design Office. A. Ivanov, D. Finkel'son. Poligrafia no 8-31 Ag '61.

PRINTING MACHINERY AND SUPPLIES—PRICES

- Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Price-list for the installation of equipment.] Tseknik na montazh oborudovaniya. Moskva, Stroitel'stvo.
- No. 27. [Equipment for printing industry enterprises.] Oborudovaniye predpriyati poligraficheskoi promyshlennosti. 1965. 23 p.

PRINTING PLANTS

- (see also subdivision under Great Britain; Kiev, Moscow)
- Experimental printing plant. L. A. Iamkova. Poligrafia no 9-26 S '65.

PRINTING PRESS

- Free and forced rolling of the cylinders of printing presses. L. K. Belozorskiy. Poligrafia no 7-23-26 JI '65.
- Preliminary tightness in printing apparatus of flat-bed presses. A. A. Gostushkev. Poligrafia no 7-19-21 JI '65.
- Sheet-fed rotaries and make-ready presses. I. A. K. Shchegolevskiy. Poligrafia no 9-27-28 S '65.

PRINTING PRESS—MAINTENANCE AND REPAIR

- Repair of the PRG (drive apparatus). O. Mikhlin. Poligrafia no 8-10-11 JI '65.

PRIOZERSK DISTRICT—RURAL LIBRARIES

- Restless people. V. Kostylev. Bibliotekar' 43 no. 10-12 O '65.

PRIPET VALLEY—ROCKS, IGNEOUS

- Volcanic and volcanic-sedimentary rocks of the lower part of the Famennian stage of the Upper Devonian of the Pripet fault. A. S. Mikhlin, V. P. Korzun. Dokl. AN BSSR 9 no. 1 37-41 Ja '65.

PRIPET VALLEY—VOLCANIC ASH, TUFF, ETC.

- Volcanic and volcanic-sedimentary rocks of the lower part of the Famennian stage of the Upper Devonian of the Pripet fault. A. S. Mikhlin, V. P. Korzun. Dokl. AN BSSR 9 no. 1 37-41 Ja '65.

PRIVATE POLICE see Police, Private

PROBABILITIES

- Hol'shakov, V. D. [Theory of errors of observation and the fundamentals of the theory of probability. Teoriya oshibok nabludenii s osnovami teorii veroyatnostei. Moskva, Nedra, 1965. 183 p.]
- Gnedenko, B. V., I. K. Bellayev, and A. D. Solov'ev. [Mathematical methods in reliability theory; fundamental characteristics of reliability and their statistical analysis.] Matematicheskie metody v teorii nadezhnosti, osnovnye kharakteristiki nadezhnosti i ikh statisticheskiy analiz. Moskva, Nauka, 1965. 524 p. (Fiziko-matematicheskaya biblioteka inzhenera)
- Stochastic aspects of low mobility theory. L. K. Kudinov, I. A. Biraov. Zhur. eksp. i teor. fiz. 49 no. 3:897-898 S '65.

PROBABILITIES—PROBLEMS, EXERCISES, ETC.

- Volodin, B. G., and others. [Problems in probability theory, mathematical statistics, and theory of functions of random variables.] Sbornik zadach po teorii veroyatnostei, matematicheskoi statistike i teorii sluchainykh funktsii. Pod obshchey red. A. A. Shvachnikova. Moskva, Nauka, 1965. 632 p.

PRODUCTION see subdivision under Ukraine

PROBLEM OF THREE BODIES

- A class of orbits in the restricted problem of three bodies. R. L. Kiladze. Izv. Akad. nauk fiz. obsl. no 32:209-221 '65.

PRODUCE TRADE

- (see also subdivision under Caucasus, Moscow Province; Tajikistan; Transcarpathia)
- Put the decisions of the party into practice. Zakup. sel'khoz. prod. no. 5:1-3 My '65.
- State delivery news. Zakup. sel'khoz. prod. no. 5:56-57 My '65.

PRODUCE TRADE—MANAGEMENT see subdivision under Latvia

PRODUCE TRADE—PRICES see subdivision under Ukraine

PRODUCTION CONTROL

- Flow sheet for the chemical and technical production control of canned horseradish type vegetables. F. I. Solov'eva, L. G. Gvozdkova. Kons. i av. prom. 20 no. 10 43-45 O '65.
- Organization of operational analysis. A. Aksemenko, Bukh. uch. 22 no. 9 26-30 S '65.

PRODUCTION ENGINEERING

- Area of economic expediency for the use of multiple machining. B. A. Sak-Shak, I. S. Fishileva, D. I. Pictur. Mashinostroitel' no 10 37-38 O '65.
- Complex methods for a precision design of machining processes. V. A. Kruglov. Vest. mashinost. 45 no. 7: 54-57 JI '65.
- Efficiency of the use of precision billets. B. K. S. Istin. Mashinostroitel' no 10 40-41 O '65.
- Iarkov, A. M., ed. [Adjustment and operation of automatic lines composed of standard units, a handbook.] Naladka i ekspluatatsiya avtomaticheskikh lini iz normirovannykh ustov, spravochnoe posobie. [By] M. M. Gol'din i dr. Moskva, Mashinostroenie, 1965. 443 p.
- Kartashov, I. N. [Organizing the transition to new types of machines without stopping the output.] Organizatsiya perekhoda na noveye modeli mashin bez prekrashcheniya vypuska. [L'vov.] Izd-vo L'vovskogo univ., 1965. 239 p.
- Korotkov, V. I. [Standardization trend in the design and adoption of new machines.] Normalizatsionnoe napravlenie v sozdani i osvoenii novykh mashin. Moskva, Izd-vo Standartov, 1965. 122 p.
- Methods of operational planning of production for multiple machining. G. V. Dmitriev. Trudy KAI no 84:23-32 '61.

- Pokrovskiy, V. F. [Planning technological preparation of production in the machinery industry.] Planirovaniye tekhnicheskoy podgotovki proizvodstva v mashinostroenii. Leningrad, 1965. 47 p. (Leningradskiy dom nauchno-tekhnicheskoy propagandy. Nauchno-tekhnicheskii opyt. Seriya: Ekonomika, organizatsiya i planirovaniye proizvodstva)
- Produce defectless goods. E. Borovkina. Kosh. obuv. prom. 7 no. 3:38 Mr '65.
- Shotcuttings in the intensification of the introduction of new equipment. G. I. Kozlov. Mashinostroitel' no. 10:39-40 O '65.
- Technological standards and production quality (to be concluded). L. I. A. Shchegolev. Mashinostroitel' no 10:2-5 O '65.
- Through the eyes of the chief engineer. A. Dem'yanovich. NTO 7 no. 10 20-21 O '65.
- Using mathematical methods in planning operations for the production of a wide range of articles. R. A. Abramov, A. V. Proskurnikov. Vest. mashinost. 45 no. 7:74-77 JI '65.
- Vasil'ov, V. S., ed. [Progressive technological processes used in the machinery industry.] Progressivnye tekhnologicheskie protsessy v mashinostroenii. Moskva, Mashinostroenie, 1965. 197 p.

PRODUCTION STANDARDS—RESEARCH

- In work-norm research organizations. Sots. trud 10 no. 10:115-119 '65.

PRODUCTIVITY ACCOUNTING

- New methods for determining the amount of labor expended per unit for production. Sots. trud 10 no. 10: 147-149 '65.

PROFESSIONAL EDUCATION

- International Union of Students. [International student seminar, "Higher education in the U. S. S. R."] Mezhdunarodnyi studencheskiy seminar, "Vysshее obrazovanie v SSSR." Prague, [1959?] 81 p. (MII)

PROFIT

- (see also subdivision under Communist Countries)
- Method for determining profit. B. M. Ilov, Bukh. uch. 22 no. 9 30-33 S '65.

PROGESTERONE

- Diuretic effects of progesterone. M. B. Pechorskaya. Sov. med. 20 no. 3:33-38 Mr '65.
- Effect of nicotinamideadenine nucleotide phosphate and glucosa-6-phosphate on the formation of corticosteroids from 4C¹⁴-pregnenolone in slices of guinea pig adrenals. N. A. Ildushev, L. G. Razina. Biokhimiya 30 no. 5:913-921 S-D '65.
- Synthesis of 17 α -hydroxyprogesterone capronate. A. M. Veltman, N. I. Moteva. Farmatsev. zhur. 20 no. 1:10-13 '65.

PROGRAMMED INSTRUCTION

- (see also subdivision under Ukraine, White Russia)
- Conference on theory and practice. Sred. spets. obr. 22 no. 9:55 S '65.

Elements of programming and its results. Sh. Vagapov. Nauk. obr. no. 10 32-35 O '65.

- Goldniak, A. T., and M. B. Molozov. [Programmed instruction and teaching machines.] Programmirovannoe obucheniye i obuchayushiesya mashiny. Kiev, Radlanskaya shkola, 1964. 97 p. diagrs. (insert)

- Notes on programmed instruction. V. M. Tarasov. Shkola i prosv. 9 no. 10:79-85 O '65.
- Programmed instruction in the "Psychology." Sbornik i T. Zorkin. Teoriya i praktika kul't. 28 no. 8:62-64 Ag '65.

PROGRAMMED INSTRUCTION—CONGRESSES

- All-Union conference on programmed instruction. Rad. shkola 44 no. 10:28 O '65.

PROGRAMMING (MATHEMATICS)

- Dual tasks of convex programming. E. G. Gol'shteyn. Ekon. i mat. metod. 1 no. 3 110-124 My-Je '65.

PROGRESS

- Koval', P. D. [The summit of social progress; definitive features of progress during the communist socioeconomic formation. Supplemented transcript of a lecture delivered at the Institute of Philosophy of the Academy of Sciences of the Ukrainian S. S. R.] Veralayna suspi'lnoho progressu, vyznachal'ni rysy progressu v umovakh komunistychnoi formatsii. Dopovnena stenogramma lektsii, prochytaanoi v Instytut filozofii AN URSR. Kyiv, 1964. 13 p. (Tovarystvo "Znannya" Ukrainatskoj SSR, Seria 1, no. 14)

PROHIBITED BOOKS

- Outline history of the censorship of foreign publications in Russia during the first third of the 19th century. I. G. Oksman. Uch. zap. KGU no. 7:141-365 '65.

PROJECTIVE GEOMETRY see Geometry, Projective

PROLETARIAT

- Development of V. I. Lenin's idea of armed battle of the proletariat in the first Russian revolution. R. Sidelskiy. Komm. Vostok. SSSR 46 no. 12:14-23 Je '65.

PROPAGANDA, ANTICOMMUNIST

- Oizerman, T. I. [The problem of alienation and the bourgeois legend about Marxism.] Problema otchuzhdeniya i burzhuaznaya legenda o marksizme. Moskva, Znaniye, 1965. 77 p. (Novoe v zhizni, nauke, tekhnike. II Seriya. Filosofiya, no. 19/20)

PROPANE

- Study of the macrokinetic characteristics of propane turbulent flames based on ionization current. A. S. Sokoluk, E. S. Samonov. Zhur. fiz. khim. 39 no. 8:2202-2207 S '65.

PROPELLERS

- Propeller characteristics of hydrofoil boats. A. V. Aleksandrov. Trudy LITV no. 72:53-57 '64.
- Selecting a calculation method for the water jet propeller of a fishing boat. I. Z. Goldenberg. Trudy Kni. tekh. inst. yb. prom. i khoz. no. 18 28-35 '63.
- Skip mechanism for measuring the thrust, torque and power transmitted by the propeller shaft. F. B. Iur'eva-tal'k. Trudy Kal. tekhn. inst. yb. prom. i khoz. no. 18-288-300 '63.

PROPENE

- Compatibility of high-density polyethylene with polyisobutylene. M. A. Martynov and others. Plast. massy no. 10:6-8 '65.

PROPENE, EFFECT OF RADIATION ON

- Radiation polymerization of isobutylene in various solvents. A. I. Popova, A. P. Shmelzer, A. D. Abkin. Vysokom. soed. 7 no. 9:597-1603 S '65.

PROPERDIN

- Effect of iso- and heterotransfusions on the properdin system and bactericidal activity of the recipient's blood. L. V. Avtonomova. Gemat. i perel. krovi 1 33-35 '65.
- Salting-out method of isolating the serum protein properdin. A. S. Volynskiy and others. Spets. nauch. trudy. Tashkent 22, 319-324 '62.

PROPERTY

- Correlation of the subjective rights and duties and the interests of Soviet citizens. G. V. Mal'nev. Sov. gos. i pravo 35 no. 10:18-28 O '65.

PROFONALDEHYDE

- Hydrogenation of propionaldehyde to propyl alcohol under medium pressure. S. Z. Levin and others. Zhur. prikl. khim. 38 no. 8:1414-1417 Je '65.
- Preparation of propionaldehyde by catalytic dehydrogenation of n-propyl alcohol. N. V. Borunova and others. Izv. AN SSSR, Ser. khim. no. 10:1845-1849 '65.

PROPORTIONAL EQUIPMENT

- Magnetodynamic pump feeder for molten metals. V. P. Polishchuk. Lit. prosv. no. 9:15-16 S '64.

PROPORTIONING EQUIPMENT (Continued)

Proportioning of liquid ingredients by means of a continuous thin-layer flow. M. D. Gashimov and others. Izv. Akad. nauk SSSR, no. 6, 7-12, 1965.

A system for the automatic control of fuel proportioning processes in starting plants. A. G. Astashev and others. Met. i gornod. prom., no. 12-13, 31-36, 1965.

PROPYL ALCOHOL

Hydrogenation of propionaldehyde to propyl alcohol under medium pressure. S. Z. Levin and others. Zhur. prikl. khim., 38 no. 6, 1111-1117, 1965.

Preparation of propionaldehyde by catalytic dehydrogenation of n-propyl alcohol. N. V. Borunova and others. Izv. AN SSSR, Ser. khim., no. 10, 1645-1649, 1965.

PROPYLENE OXIDE

Gas chromatographic determination of acetaldehyde and propylene oxide impurities in ethylene oxide. R. N. Moleva, I. A. Tsalim. Zav. lab., no. 9, 1053-1054, 1965.

PROPYLENE OXIDE—DIELECTRIC PROPERTIES

Dielectric properties of polypropylene oxide. B. I. Sabin and others. Plast. massy, no. 10, 25-27, 1965.

PROSKURA, OL'GA VASIL'EVNA, 1904-

Professor, O. V. Proskura, on her 60th birthday. Urologiya, 29 no. 3, 92-93, 1965.

PROSPECTING

(see also subdivision under Donets Basin, Shambing region, Armenia)

Immediate problems and possibilities of increasing the economic efficiency of geological works. M. Kh. Azhikeev and others. Sov. geol., 8 no. 8, 126-138, 1965.

Selection of the technical means for the mechanization of rock collecting in geological prospecting galleries. N. V. Tikhonov. Izv. vuzov, no. 1, 119-132, 1965.

Significance of the prospecting reliability of indicator plants in prospecting for minerals as revealed by prospecting for boron deposits. L. K. Buznikov, K. L. Kuzina. Sov. geol., 8 no. 8, 89-96, 1965.

PROSPECTING—GEOPHYSICAL METHODS (see subdivision under Akhikala region (Armenia))

PROSTATE GLAND—SURGERY

Some improved methods to improve the results of transvesical adenectomy. V. I. Rusakov. Klin. khir., no. 2, 38-42, 1965.

PROSTHESIS

(see also subdivision under Gorky)

For creative contact with medical institutions. M. Pavlov. Sots. obesp., 26 no. 11, 11-15, 1965.

After following a section and prosthetic substitution on the foot for correction. V. N. Serov, N. I. Sushkina. Akush. gign., no. 1, 141-141, 1965.

Measures are taken. Sots. obesp., 26 no. 10, 9, 1965.

Uteral alloyplasty. Z. A. Fainshteyn, A. A. Alferov. Urologiya, 29 no. 3, 52-53, 1965.

PROSTHODONTICS

Use of the linea mylohyoidea in prosthesis. G. I. Sidorov. Prikl. khir. i lita. khir., no. 1, 210-213, 1965.

PROTECTION OF BIRDS (see Birds, Protection of)

PROTECTION OF PLANTS (see Plants, Protection of)

PROTECTIVE COATINGS

Mathematical dependence of the coefficient of friction on the thickness of oxide and soft metal films applied to the surface of friction. A. A. Dychko. Trudy OMIIT, 13 pt. 2, 27-35, 1963.

Corrosion-resistant coatings for nonferrous metal substitutes. Trudy Giprotsvetmetobrabotka, no. 23, 153-172, 1965.

Disintegration of insulation coatings of underground pipelines produced by mechanical loads. A. A. Gribnev. Transp. i khar. nefti i nefteprod., no. 5, 5-8, 1965.

Idea borrowed from the Exhibition of Achievements of the National Economy. V. Zharikov, N. Niznikov. Inform. biul. VDNKh, no. 3, 17-18, 1965.

Insulation of pipelines without prime coating. V. B. Galeev. Transp. i khar. nefti i nefteprod., no. 5, 11-13, 1965.

Kharitonov, N. P., and others. [Use of coatings of the organosilicate material VN-30 for anticorrosion protection of masonry and welded joints in precast reinforced concrete] Primenenie pokrytiy iz organosilikatnogo materiala VN-30 dlia antikorrozionnoi zashchity zakladnykh detalей i svaynykh soedinenii v sbornom zhelezobetone. Leningrad, 1965. 31 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Stoitel'nye materialy i konstruktsii)

Pavlov, V. P. [Polymers and metals] Polimery i metally. Moskva, Znanie, 1965. 45 p. (Novoe v zhizni, nauke, tekhnika, XI Seriya: Khimiya, no. 10)

Reibman, A. I. [New paint materials] Novye lakokrasivnye materialy. Leningrad, 1965. 35 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Zashchitnye i dekorativnye pokrytiya)

Resistance of some plastics and nonmetallic coatings to oxidation corrosion. N. A. Petrov, S. P. Kozlov, Trudy OMIIT, no. 6, 50-51, no. 1, 79-97, 1961.

Studying the effect of interference of rubber coatings and fuel on their properties during storage. B. A. Englin and others. Kauch. i rez., 21 no. 10, 52-51, 1965.

Tikhonov, V. B. [Polymer coatings in nuclear engineering] Polimernye pokrytiya v atomnoi tekhnike. Moskva, Atomizdat, 1965. 275 p.

Waterproofing the coatings of gas-shielded electrodes. I. N. Voronovskii, N. P. Shchegolev, G. P. Grinevich. Svya. protzv., no. 10, 23-25, 1965.

PROTECTIVE COATINGS—PERMEABILITY

Oxygen permeability of ceramics on a ZnO base. I. M. Ovchinnikov and others. Ogneupory, 30 no. 10, 10-43, 1965.

PROTEIN METABOLISM

Determining the intermediate stages of protein synthesis in the nuclei of Drosophila salivary gland cells. T. P. Platova. IStologiya, 7 no. 3, 118-125, 1965.

Rates of renewal and characteristics of the biosynthesis of proteins of the blood plasma and skin in rabbits. F. F. Soyunov, N. V. Stetskovala, Kh. Kurbanov. Vop. med. khim., 11 no. 2, 16-51, 1965.

Some characteristics of protein metabolism disorders in the animal organism under the influence of ionizing radiation. B. M. Graevskaya. Trudy Inst. gen., no. 32, 81-118, 1965.

PROTEINS

Autolytic decomposition of proteins in mitochondria of the rat liver following radiation injury of the animal. B. A. Lomsadze, G. L. Grigorian. Nauch. dokl. vys. shkoly, biol. nauki, no. 4, 97-98, 1965.

Certain problems involved in the study of the quaternary structure of proteins. V. N. Orlovich, V. O. Shupkova. Ukr. biokhim. zhur., 37 no. 5, 769-777, 1965.

Change in the enzymic activity of sarcoplasmic proteins of heart muscle in experimental myocardial infarction. I. I. Ivanov and others. Ukr. biokhim. zhur., 37 no. 5, 712-720, 1965.

Changes in the amide group content of cerebral cortex protein in dying and resuscitation. M. S. Grevskaya, E. A. Nosova, L. M. Stez. Ukr. biokhim. zhur., 37 no. 5, 691-696, 1965.

Detailed elaboration of isotopic indication of proteins. A. S. Volynskii, I. K. Gul'mirzaeva. Sborn. nauch. trud. TashGMI, 22, 310-318, 1962.

Determination of disulfide bonds in proteins. V. L. Okulov. Lab. delo, no. 10, 591-591, 1965.

Effect of the level of phosphate nutrition on the phosphorus metabolism and synthesis of proteins in plants. G. V. Udovenko, N. N. Bezrudnyi. Agrokhemiya, no. 10, 38-41, 1965.

Effect of vegetation conditions on seed proteins in forage beans. A. D. Beresovikov. Nauch. dokl. vys. shkoly, biol. nauki, no. 4, 140-153, 1965.

Fractionation of proteins as to their solubility of a normal and pathological thyroid gland. I. A. Kh. Turakulov, T. Santov. Urb. biol. zhur., 9 no. 5, 5-9, 1965.

Genetic coding of the protein structure. M. V. Vol'kenshtein. Genetika, no. 2, 54-62, 1965.

Guarantee of helix. T. Kochetkova. Inform. biul. VDNKh, no. 3, 15-16, 1965.

Influence of various subcellular granules and lipids isolated from them on the synthesis of antibodies and other proteins. A. E. Gurvich and others. Biokhimiya, 30 no. 5, 1011-1019, 1965.

Mechanism of the buffer action of proteins of chemically preserved leguminous plants. P. I. Rumsh, I. B. Pavlova. Khim. v sel. khoz., 3 no. 9, 61-66, 1965.

Modeling an active transfer of protein through lipid membranes. A. I. Oparin, G. A. Deboin. Ukr. biokhim. zhur., 37 no. 5, 701-708, 1965.

Participation of basic and secondary alcohol fermentation products in the synthesis of yeast protein. T. S. Lomkatsi, L. D. Vochoidze. Soob. An Gruz. SSR, 39 no. 1, 81-83, 1965.

Physicochemical and catalytic characteristics of the complexes of polyphosphate with proteins and RNA. I. E. El'piner, F. I. Braginskaya. Biokhimiya, 30 no. 5, 1090-1097, 1965.

Specific action of chicken pepsin and new "acid" pig kidney cathepsin on protein substrates. T. P. Levchuk, M. L. Leviant, V. N. Orlovich. Biokhimiya, 30 no. 5, 980-992, 1965.

State of research in the field of peptide and protein chemistry. Vest. AN SSSR, 35 no. 10, 3-9, 1965.

Use of extended Moffitt equation for evaluating the conformation of proteins as a demonstration of widespread distribution of β -structures among globular proteins. G. V. Trakhtil. Biokhimiya, 10 no. 5, 895-901, 1965.

PROTEINS—SPECTRA

Chuganov, I. N. [Infrared spectra and structure of polypeptides and proteins] Infrazasnyye spektry i struktura polipeptidov i belkov. Moskva, Nauka, 1965. 134 p.

PSEUDOMORPHS

Engraver or nature? A. D. Bykov. Priroda 51 no. 10 112-113 '65.

PSKOV--HISTORY--SOURCES

New documents on the history of the Pskov feudal republic of the 14th and 15th centuries. L. M. Murasova. Ist. SSSR 6 no. 3 242-243 My-Je '65.

PSKOV--MACHINERY INDUSTRY

Work plan of a trade-union group. A. Vasil'ev. Sov. profsoyuz 21 no. 21 22-23 N '65.

PSKOV--MUMPS--PREVENTIVE INOCULATION

Results of mass immunization against mumps. N. S. Klichko and others. Vop. virus. 10 no. 2 209-213 M-Ap '65.

PSKOV PROVINCE--OLD AGE HOMES

Visiting the old-timers. L. Rykov. Sots obshch 26 no. 11 43 N '65.

PSORIASIS

Ten-year experience with the use of solidol ointment in psoriasis. N. G. Rybakov. Sov. med. 28 no. 3 76-78 M '65.

PSYCHIATRY

Ivanov-Smolenskiy, A. G. [Ways of interaction in experimental and clinical pathophysiology of the brain] Pull' vzaimodel'stviya eksperimental'noi i klinicheskoi patofiziologii golovnogo mozga. Moskva, Meditsina, 1965. 494 p. (DNLN)

PSYCHIATRY, MILITARY

Methodological principles in the prevention of neuro-psychic diseases. N. N. Timofeev. Voen.-med. zhur. no. 1 22-26 '65.

PSYCHOLOGY

[Psychology defines the "immortal soul"] Psikhologiya razvleniya "bognetchnu dushu", sbornik statei. Moskva, Znanie, 1965. 47 p. (Novos v zhivni, nauke, tekhnike, XII Seriya. Estestvoznaniye i religiya, no. 11)

PSYCHOLOGY, PHYSIOLOGICAL

Individual characteristics of the formation and reorganization of a dynamic stereotype. A. V. Rodionov. Teor. i prikl. fiziol. 28 no. 10 52-55 O '65.

PSYCHOPHARMACOLOGY

Psychopharmacological drugs. V. I. Zavrzhkov. Trudy Vor. med. inst. 51 190-203 '63.

PSYCHOSES

(see also subdivision under Voionerli)

Clinical aspects of chronic epileptic psychoses. G. A. Safonov. Trudy Vor. med. inst. 51 181-187 '63.

Exogenous causes in the development of psychoses in old age. V. N. Aipov. Sbor. nauch. trud. TashGMI 22 485-497 '62.

Symptoms of protection and damage in the clinical aspects of vascular psychoses. G. I. Plesso. Trudy Vor. med. inst. 51:7-12 '63.

PSYCHOTHERAPY

Twelve years' experience of using psychotherapy in the First of May Neurological Sanatorium. M. D. Tantsura. Sbor. nauch. i nauch. san.-fiz. uch. i profsoyuzov no. 118-24 '64.

PTEROPODA, FOSSIL see subdivision under Russian Mallozo; Ural Mountains

PUBLIC HEALTH--STANDARDS

Standardization in public health. N. A. Semashko. Stan-dartizatsiya 29 no. 6:24-25 '65.

PUBLIC HEALTH, RURAL

Agay, E. R., and V. V. Pugina, eds. [Experience in the work of rural public health centers] Opyt raboty sel'skikh tekhno-profilakticheskikh uchrezhdenii. Moskva, Meditsina, 1965. 182 p. (DNLN)

PUBLIC INSTITUTIONS--ACCOUNTING see Ivano-Frankovsk Province

PUBLIC INSTITUTIONS--FINANCE

Improve the financing of social and cultural measures. V. Baeov. Fin. SSSR 30 no. 10:18-21 O '65.

PUBLIC PROSECUTORS

(see also subdivision under Ukraine; Vinitsa Province)

Moscow. Vsesoyuznyi institut po izucheniyu prichin i razrabotke mer po uduprezhdeniyu prestupnosti. [Work of the district procurator in fighting crime] Rabota raionnogo prokurora po bo'bo s prestupnost'yu. Pod obshchei red. i s predisl. znaniyevskoi General'nogo Prokurora SSSR gosudarstvennogo sovetskoi iustitsii 3-go klassa A. S. Pankratova. Moskva, Iuridicheskaya literatura, 1965. 208 p.

Procedure for the supervisory review of criminal cases. V. I. Baskov. Sov. gos. i pravo 35 no. 10 41-50 O '65.

Role of the investigative apparatus and procuratorial supervision in crime prevention. N. V. Zhogin. Sov. gos. i pravo 35 no. 10 3-9 O '65.

S. I. Kala' work entitled "Instituting supervisory proceedings in civil matters." S. Mostvin. Sov. iust 29 no. 10 28-29 O '65.

PUBLIC UTILITIES

Use of polymer materials and synthetic adhesives in public utilities. V. Denisov, I. Gombart, S. Iakovskii. Zhil. i kom. khoz. 16 no. 9 12-13 S '65.

PUBLISHERS AND PUBLISHING

Activity of the Scientific Editorial Council on the Machinery Industry and Metallurgy. Vest. mashinost. 16 no. 7 85 JI '65.

Together with the publishing house. E. Rubinshtein. Knizh. toig 16 no. 4 35-36 Ap '65.

PURPERIUM

Clamping of the parametrium by the Hensel method in hypertensive purpural hemorrhage. S. D. Astasinskiy, L. B. Spilidonova. Akush. i gign. no. 2 110-112 '65.

PULLORUM DISEASE

Aerosol disinfection of poultry houses with simultaneous disinfection in case of pullorum disease. A. U. Khishimov. Trudy VNIIVS 24 188-209 '64.

Biothermal disinfection of the manure of poultry with pullorum disease. A. U. Khishimov. Trudy VNIIVS 24:270-283 '64.

Developing methods and systems for disinfecting poultry houses infected with pullorum disease. A. U. Khishimov. Trudy VNIIVS 21:210-226 '64.

PULLORUM DISEASE--MICROBIOLOGY

Survival of pullorum disease pathogens on the surface of eggs and methods for their disinfection. A. U. Khishimov. Trudy VNIIVS 21 111-114 '64.

PULMONARY ARTERY--DISEASES

Rhythm disorders in intracardial V-type thrombus in the presence of patent ductus arteriosus, aortic coarctation and aneurysm of the pulmonary artery. D. Dmitriyev and others. Kardiologiya no. 3 70-80 '65.

PULMONARY CIRCULATION

Pathological anatomy and pathogenesis of pulmonary hypertension in chronic insufficiency of the left ventricle caused by atherosclerosis and hypertension. Kh. M. Odina. Kardiologiya no. 3:22-28 '65.

PULMONARY EMBOLISM

Effect of ganglionic blocking agents on the course of experimental pulmonary embolism. L. I. Antonenko. Fiziol. zhur. [Ukr.] 11 no. 4:534-537 JI-Ag '65.

PULMONARY EMPHYSEMA see Emphysema, Pulmonary

PULMONARY HEART DISEASE see Cor pulmonale

PULPY KIDNEY DISEASE OF LAMBS

(see also subdivision under Azerbaijan)

Results of simultaneous vaccination of sheep against Bacillus anthracis, brucella, and infectious enterotoxemia. Yu. B. Safarov, N. M. Ibragimov. Veterinariia 42 no. 10:39-49 O '65.

PULSE

Arterial plethysmography and the spreading rate of the pulse wave in atherosclerotic vessels. M. P. Frishman, M. M. Lishchenko. Vest. dermat. i ven. no. 2:66-62 '65.

Diurnal dynamics of the pulse rate and maximal suppression of respiration in different seasons. B. A. Zolotov. Dokl. vop. klin. i teoret. pat. no. 3:57-59 '63.

PULSE CIRCUITS

Conditions of the precise realization of sequential functions using different sets of real logical elements with consideration of delay. N. P. Vasil'ev, I. Gashkovets. Avtom. i telemek. 28 no. 9:1578-1581 S '65.

Efficiency of discrete elements. I. S. Guvlich. Avtom. i telemek. 26 no. 10:1845-1852 O '65.

Highly sensitive pulse modulators using transistors. A. P. Teroshchenko. Avtom. i telemek. 26 no. 9:1046-1048 S '65.

Integrating and differentiating devices using transistors. A. A. Beasov. Izv. vuz. ucheb. zav. i elektromekh 8 no. 8:854-862 '65.

Noise stable trigger circuit for lnc. operation. V. F. Guskov, O. D. Glukhov. Izv. vuz. ucheb. zav. i elektromekh 8 no. 8:863-873 '65.

Pulse widener using charge storage in a semiconductor diode. A. A. Lukin, Fyn Si-shan' [Feng Hsi-shan]. Trudy MEI 55:177-181 '65.

Two-cycle ring counter using transistors and magnetic elements. B. A. Glebov, B. G. Mikaelian. Trudy MEI 55:91-102 '65.

PULSE MODULATION (ELECTRONICS)

Analysis of the performance of a parametric amplitude-pulse modulator. Sh. I. Iamailov, L. P. Korichev, G. I. Neehov. Izv. vuz. ucheb. zav. i elektromekh 8 no. 5 10-14 '65.

Transistorized pulse duration modulator. M. B. Litman. Prikladnaya elektronika no. 7:8-9 '65.

PULSE IN LINKS (ELECTRONICS)

Ferrite valve for high-power short video pulses. G. A. Mearis. Zhur. tekh. fiz. 35 no. 9:1685-1688 S '65.

Generators of random numbers for the study of automatic control systems. S. V. Igolov, A. A. Kosol'tin, N. P. Medvedev. Trudy MEI no. 59:229-241 '65.

Method for compensating losses in a load during the formation of plane current impulses in an experimental system. V. V. Kaplan, V. M. Nakhalyar, V. A. Topova. Elektricheskoye stroitel'stvo no. 9:55-59 S '65.

Petukov, A. I., and S. V. Denboretvskii. [Scale-time pulse signal converters] Masshtabno-vremennyye preobrazovateli impul'snykh signalov. Kiev, Tekhnika, 1965. 155 p.

Propagation velocity of a powerful light pulse in an inversely populated medium. N. G. Binaev and others. Dokl. AN SSSR 165 no. 1:58-60 N '65.

Saw-tooth pulse generator using transistors and ferrites for high-speed network control systems. V. A. Lashin, I. N. Pletkovskii. Trudy MEI 55:53-63 '65.

PULVERIZED COAL see Coal, Pulverized

PUMPING MACHINERY

Effect of the physical properties of lubricants on cavitation phenomena in pumps. A. B. Barenboim. Khim. tekh. 12 no. 5 10-11 S-O '65.

Operation of pumps and air blowers under low supply conditions. V. I. Polkovnikov, A. A. Ievlin. Teploenergetika 12 no. 10:71-74 O '65.

A glass pump. I. V. Pashchenko, A. M. Kutsenko. Tsvet. met. 38 no. 6 81 Je '65.

PUMPING MACHINERY--ABSTRACTS

[Journal of abstracts: Manufacture of pumps and compressors] Ref. zhur. "Nasosostroitel'stvo" nos 10-11 O-N '65.

PUMPING MACHINERY--DESIGN AND CONSTRUCTION

A plunger pump for the transfer of nitric acid. N. N. Rekmova. Bezop. rada v prom. 9 no. 8 53 Ag '65.

PUMPING MACHINERY, ELECTRIC

Magnetodynamic pump feeder for molten metals. V. P. Potshchuk. Elektrotekh. i energ. no. 9:15-16 S '61.

Self-start of synchronous motors during the automatic switching in of reserve. B. A. Pavlovskii, R. M. Zilgushin. Prom. energ. 20 no. 10:26-27 O '65.

PUNCHED CARD SYSTEMS

Su Lin, N. M. [Operation of the PR80(45)-1 results duplicator and the PR80(45)-2 perforator-reproducer] Eksploataatsiya i tegova-dublirovaniye perfortora PR80(45)-1 perforatora-reproduktora PR80(45)-2 Moskva, [Statistika] 1965. 239 p. (insert)

PUNCHED CARD SYSTEMS--CLOTHING INDUSTRY

see subdivision under Moscow

PUNCHED CARD SYSTEMS--CONGRESSES

Vsesoyuznoe nauchno-tekhnicheskoe soveshchaniye po primeneniyu kart s perforatsionnymi kartinami. Tallinn, 1965. [Materials of the All-Union Conference on the Use of Punched Cards] Materialy Tallinn, Tsentralnoye tekhn. informatsii SNKh SSSR, 1965. 172 p.

PUNCHED CARD SYSTEMS--CONSTRUCTION INDUSTRY

see subdivision under Moscow

PUNCHED CARD SYSTEMS--ELECTRIC INDUSTRY

Lukkin, I. A. L. [Machine accounting for the labor force of a production combine with a guarantee of economic statistics] Mekhanizatsiya ucheta kndrov proizvodstvennogo ob'edineniya s obespecheniem ekonomicheskoi statistiki. Leningrad, 1965. 25 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Prikladnyy opyt. Seriya. Organizatsiya i mekhanizatsiya inzhenernogo i upravlencheskogo truda)

PUNCHED CARD SYSTEMS--FARM SUPPLIES

Machine accounting for materials and equipment on collective and state farms. V. Kashirenkova. Vest. stat. no. 10:63-67 '65.

PUNCHED CARD SYSTEMS--GEOLOGY

Coding of geological information. A. V. Dolitskiy. Sov. geol. 8 no. 8:108-114 Ag '65.

PUNCHED CARD SYSTEMS--INDUSTRIAL CAPACITY

see subdivision under Moscow

PUNCHED CARD SYSTEMS--INDUSTRIAL PROCUREMENT

see subdivision under Moscow

- PUNCHED CARD SYSTEMS—PRECAST CONCRETE** see subdivision under Snakhtinsk (Kazakhstan)
- PUNCHED CARD SYSTEMS—WHOLESALE TRADE**
Machine accounting in the wholesale enterprises, N. Kolesnikov. *Bukh. uch. 22* no. 9 41-45 S '65.
- PUNCHED CARD SYSTEMS—ZOOLOGY**
Some new methods of animal identification and utilization of perforated index cards in the practical work of a zoologist. P. A. Ryznik. *Zool. zhur.* 44 no. 5:826-832 '65.
- PUNISHMENT**
Limit the application of short-term imprisonment. V. Lashchukin. *Sov. iust.* 29 no. 18 22-23 S '65.
- PURINES**
Effect of free purine and pyrimidines on the ammonia production and glutamine decomposition in muscle tissue extracts. R. P. Belitskaya. *Soob. AN Gruz. SSR* 30 no. 3 559-565 S '65.
Study on nucleosides of purine bases and monosaccharides in acid media. V. A. Kuz'menko. *Fiziol. zhur.* [Ukr.] 11 no. 4 543-544 Ji-Ag '65.
- PUROMYCIN—PHYSIOLOGICAL EFFECT**
Use of puromycin for the inhibition of the growth of the Venezuelan equine encephalomyelitis virus. V. M. Zhdanov, F. I. Erastov. *Antibiotiki* no. 3:255-259 '65.
- PURPURA (PATHOLOGY)**
Dynamics of megakaryocytopoiesis in children with Werlhof's disease during prednisolone therapy. I. U. E. Malakhovskii, A. D. Muranova. *Probl. gemat. i perel.* Provi. 10 S 17-22 '65.
Thrombocytopenic syndrome in hemangiomas. S. V. Levitskaya, E. B. Kats. *Probl. gemat. i perel. krov.* 5 S 22-28 '65.
Thrombotic thrombocytopenic purpura (Moscowitz's disease). A. Shvarts. *Vikh. pat.* no. 10:20-37 '64.
- PUS** see Suppuration
- PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837**
Encounter with the living Pushkin. I. Vaks. *Bibliotekar'* 43 no. 10 28-29 O '65.
Literary and local lore excursion to Great Baldino. A. I. Naumova. *Uch. zap. GGPi* no. 38:89-98 '61.
Pushkin and the development of realism in the works of Shvachenko. I. E. M. Chernyts'kyi. *Rad. lit.* 9 no. 9 49-62 S '65.
- PUSHKINO (MOSCOW PROVINCE)—DISABILITY EVALUATION**
Public council and its affairs. K. Andreeva. *Sots. obesp.* 25 no. 11:36-37 N '65.
- PUZANOV, IVAN IVANOVICH, 1885-**
Eightieth birthday of Professor I. I. Puzanov. T. Gol'd, A. Chernysheva. *Bul. MOIP Otd. biol.* 70 no. 3 110-112 My-Ju '65.
- PYATIGORSK—HOME AND SCHOOL**
"School week" in Pyatigorsk. I. U. Kostenko. *Sem. na shkolu* 20 no. 9 23 S '65.
- PYATIGORSK—MINERAL WATERS**
Results of treating dermatoses at Pyatigorsk Health Resort. V. M. Chernov. *Spor. nauch. rab. vrach. san.-fak. uch. profsoduzov.* no. 1:191-193 '64.
- PYATIGORSK—PERIWINKLE (BOTANY)**
Growing the periwinkle *Vincet herbacea* in Pyatigorsk. D. A. Bocharova. *Rast. res.* 1 no. 3:405-410 '65.
- PYLORUS**
Exocrine function of the pancreas and the contracting function of the gallbladder and pyloric sphincter in peptic ulcer. P. V. Smolhovets'. *Fiziol. zhur.* [Ukr.] 11 no. 4:491-497 Ji-Ag '65.
- PYRAZOLINONE**
Extraction of inner-complex compounds of elements with 1-phenyl-3-methyl-4-benzoyl-5-pyrazolone. I. U. A. Zolotov and others. *Dokl. AN SSSR* 165 no. 1:117-120 N '65.
- PYRETHRUM**
Biology of the pyrethrum. F. A. Vereshchako. *Apt. delo* 14 no. 1:31-35 Ja-F '65.
- PYRIDAZINEDIONE—EFFECT ON PLANTS** see Plants, Effect of pyridazinedione on
- PYRIDINE**
Effect of large surface coverages in the electrochemical reduction of dipyrrolylethylene on mercury. I. A. M. Zolotovskii, G. A. Todoradze, A. B. Ershler. *Elektrokhimia* 1 no. 7:828-832 Ji '65.
Oxidation-reduction potential of the photoinduced form of chlorophyll in pyridine. V. B. Evstigneov, V. A. Gavrilova. *Biofizika* 10 no. 5:770-781 '65.
- Sterically hindered 3-hydroxy-pyridine** Report No. 5. Proton magnetic resonance method and chemical methods of studying the course of reactions of amino- and hydroxymethylation in the 2-alkyl-3-hydroxy-pyridine series. L. D. Smirnov and others. *Izv. AN SSSR, Ser. khim.* no. 10 1836-1845 '65.
Study of copper-pyridine complexes by the kinetic method. L. M. Strel'tsova, V. I. Petrushina. *Izv. vys. uch. zav., khim. i khim. tekhn.* 8 no. 4 373-377 '65.
Study of the intermolecular interaction of pyridine with iodine by means of infrared absorption spectroscopy. A. V. Chikunov, P. A. Bazhin. *Teor. i ekspr. khim.* 1 no. 1 530-540 '65.
Ultraviolet absorption spectra of pharmaceutical preparations, pyridine derivatives. R. M. Pinalzhko. *Farmat. zhur.* 20 no. 1:17-21 '65.
- PYRIDINIUM COMPOUNDS**
Use of paraalkylbenzyl pyridinium chloride as vulcanization accelerators of rubber compounds. R. I. Peschan'skaya and others. *Kauch. i ter.* 24 no. 10 27-29 '65.
- PYRIDOXAMINE**
Interaction of aspartate aminotransferase with pyridoxamine phosphate and its analogs. A. E. Braunshlein and others. *Ukr. biokhim. zhur.* 37 no. 5:671-678 '65.
- PYRIDOXINE—PHYSIOLOGICAL EFFECT**
Metabolism of vitamin B₆ and its effect in acute hepatitis. S. M. Bremner. *Vop. med. khim.* 11 no. 1:22-27 Ja-i '65.
- PYRIMIDINES**
Effect of free purine and pyrimidines on the ammonia production and glutamine decomposition in muscle tissue extracts. R. P. Belitskaya. *Soob. AN Gruz. SSR* 30 no. 3:559-565 S '65.
New pyrimidine analog of phenylalanine. I. U. P. Shvachenko, M. K. Kostenko, E. I. Boltianskaya. *Vest. Mosk. un. Ser. 2: Khim.* 20 no. 4:82-93 Ji-Ag '65.
- PYRIMIDINEALANINE**
Synthesis of β-(2,6-dihydroxy-5-methyl-4-pyrimidinyl) alanine. I. U. P. Shvachko, M. K. Kostenko, G. P. Mishin. *Vest. Mosk. un. Ser. 2: Khim.* 20 no. 4:89-91 Ji-Ag '65.
- PYRITES** see subdivision under Ural Mountains
- PYROCATECHOL**
Method for the determination of pyrocatechol. A. S. Maslennikov, G. N. Poryvaeva. *Zhur. prikl. khim.* 38 no. 6 1327-1331 Je '65.
- PYROCATECHOL VIOLET**
Spectrophotometric study of the reaction of scandium ions with pyrocatechol violet. S. P. Onosova, G. K. Kuntsevich. *Zhur. anal. khim.* 20 no. 8:802-804 '65.
- PYROCERAMICS**
Experimental floors of sheet slag pyroceramics for industrial buildings. P. A. Titarenko. *Stroitel. arkhitekt.* Uzb. 6 no. 10:13-15 O '65.
Some regularities of glass crystallization process in the system SiO₂ - Al₂O₃ - MgO. I. I. Kladovodskii, R. I. A. Khodakovskaya. *Izv. AN SSSR, Nauch. mat.* 1 no. 5: 796-803 My '65.
- PYROGENS**
Bacterial polyanthracenes as pyrogens. I. E. P. Il'mintseva. *Mikrobiol. zhur.* 27 no. 5:85-90 '65.
Pyrogens in the pathogenesis and treatment of experimental osteoarticular tuberculosis. T. Kh. Kucheravskiy. *Probl. tub.* no. 7 78-86 '61.
- PYROGRAPHY—EQUIPMENT AND SUPPLIES**
Electric apparatus for pyrography. F. F. Petukhov. *Shkola i proizv.* 9 no. 8:60-61 Ag '65.
- PYROLYSIS**
Emission capacity and the liberation of the surface gas (ag) in the thermal decomposition of copper, nickel, and thorium oxalates. Ch. Ekb and others. *Dokl. AN SSSR* 164 no. 6:1343-1348 O '65.
Formation of the grain structure of pyrolytic carbon. K. I. Syskov and others. *Koks i khim.* no. 3:34-37 '65.
Kinetics of the thermal decomposition of methano. G. V. Gulyaev, L. S. Polak. *Kin. i kat.* 6 no. 3:399-405 My-Je '65.
Mathematical model of the pyrolysis process in tubular furnaces. V. A. Butovskii and others. *Khim. i tekhn. topl. i masel* 10 no. 10:1-5 O '65.
- PYROMELLITIC DIANHYDRIDE**
Interaction of aromatic amines with pyromellitic dianhydride. A. I. Ardashnikov. *Dokl. AN SSSR* 164 no. 6: 1293-1295 O '65.
- PYROMETERS**
Effective wave lengths of some glasses used in pyrometry. R. V. Druk, A. V. Kogan. *Fizicheskoe* no. 9:4-5 S '65.
- PYROMETRY**
Prolonged measurement of the temperature of molten aluminum electrolyte. V. I. Lakh, R. A. Potok, J. S. Turekhkh. *Porosh. met.* 5 no. 1:96-97 Ja '65.
- PYRROLIDINECARBAMIC ACID**
Fractionation separation of niobium from zirconium, tungsten, uranium, and iron by ammonium pyrrolidine dicarbamate. I. M. Ghibalo, I. P. Almarin, P. B. Izrael. *Vest. Mosk. un. Ser. 2: Khim.* 20 no. 1:17-21 Ji-Ag '65.
- PYRROLIDINONE**
Vinylpyrrolidinone copolymers with allylidene diacetate. T. T. Minakova, F. P. Sidel'kovskaya, M. P. Shchegolevskii. *Izv. AN SSSR, Ser. khim.* no. 10:1890-1892 '65.
- PYRROLIZINE**
Advances in the chemistry of pyrrolizidine. A. M. Likhoshchikov, N. K. Kuchelkov. *Dop. khim.* 71 no. 9 1550-1552 S '65.
- PYRUVIC ACID**
Reaction of esters of trivalent phosphorus with esters of pyruvic acid. A. V. Indovik, I. V. Konevalova. *Zhur. ob khim.* 35 no. 9:1501-1505 S '65.
- QUALITY CONTROL**
Incentive payments for the improvement of production quality in industry. S. Sergeev. *Sots. iust.* 10 no. 10: 25-26 '65.
Quality, reliability, long service life. Inform. sbor. VDNKh no. 3:2-3 Mi '65.
- QUANTUM CHEMISTRY**
Simplest quantum chemistry concept of a donor-acceptor bond. V. M. Volkov. *Zhur. nauch. khim.* 10 no. 9:195-2194 S '65.
Theory of chemical reactions in solids. Part 1. V. I. Osherov. *Teor. i ekspr. khim.* 1 no. 1:115-121 '65.
Theory of chemical reactions in solids. Part 2. V. I. Osherov. *Teor. i ekspr. khim.* 1 no. 2:115-121 '65.
- QUANTUM ELECTRODYNAMICS**
Acceleration of charged particles by "braking" quanta. A. A. Rabinovich. *Annot. zhur.* 12 no. 5 591-595 S-O '65.
Angular asymmetry of μ-decay and neutral weak current (γ₀ γ_μ). H. V. Shishkin. *Dokl. AN SSSR* 164 no. 6:114-115 Ag '65.
Electrodynamics in Heisenberg space. K. P. Sinitsyn. *Vich. Dokl. AN SSSR* 164 no. 1:189-192 O '65.
- QUANTUM FIELD THEORY**
Bocher's class for interacting fields. D. A. Slavov, A. D. Sukhanov. *Dokl. AN SSSR* 165 no. 1:60-72 N '65.
Novozhilov, I. U. V. [Quantum field theory and elementary particles] *Kvantovaya teoriya poln. i elementarnaya chasti*, Leningrad, Ob-vo "Znanie" RSFSR, 1965, 39 p.
- QUANTUM THEORY**
Amplification coefficient and the saturation effect in semiconductors in the case of uniform excitation. O. H. Krokhin. *Fiz. tvor. tela* 7 no. 9:2012-2016 S '65.
Analog of the Zeeman effect of the gravitational field of a rotating star. I. A. B. Zolotovskii. *Pis'ma v red. Zhur. ekspr. i teor. fiz.* 1 no. 3:40-44 My '65.
Band structure of copper oxide. V. P. Smirnov. *Fiz. tvor. tela* 7 no. 9:2050-2055 S '65.
Ch'en Hsueh-shen. [Physical mechanics. Translated from the Chinese] *Fizicheskaya mekhanika*, Publ. rel. S. V. Vainikova. Moskva, Izd-vo "Mir," 1965, 544 p.
Disintegration of atomic particles by an electric field and by an electron impact. B. M. Smirnov, M. I. Chibrikov. *Zhur. ekspr. i teor. fiz.* 49 no. 3:841-851 S '65.
Distribution of probabilities for the internal rotation of a polyatomic molecule in a vibrational stationary state. L. S. Matasov. *Dokl. AN SSSR* 164 no. 4:872-885 O '65.
Effect of the value of the exciting quantum on the emission spectra of vapors of complex molecules. L. I. Kazachenko. *Dokl. AN SSSR* 160 no. 8:511-513 Ag '65.
Excitation of helium from the 2³S state by electron impact. V. I. Oshkur, V. F. Butovskiy. *Annot. zhur.* 42 no. 5:1034-1037 S-O '65.
Galvanomagnetic and thermomagnetic effects in a longitudinal quantized magnetic field in n-InSb type semiconductors. R. G. Tarkhanov. *Fiz. tvor. tela* 7 no. 9: 2088-2097 S '65.
Observation of cascade transitions due to electronic excitation of cadmium. A. L. Osherovich, I. A. Vereshchagin. *Dokl. AN SSSR* 164 no. 5:1022-1023 O '65.
Output fluctuations of thermal radiation detectors. V. V. Karavayev. *Zhur. ekspr. i teor. fiz.* 49 no. 3:820-831 S '65.
Propagation velocity of a powerful light pulse in an inversely populated medium. N. G. Banoov and others. *Dokl. AN SSSR* 165 no. 1:58-60 N '65.

RADIO—RECEIVERS AND RECEPTION (Continued)
Statistical characteristics of automatic phase frequency
trim. V. I. Tikhonov, B. I. Shakhmatin. *Avtom. i telem.*
26 no. 9 1563-1572 S '65.
Limit of signal limiting in a regenerative frequency
converter. T. F. Iyubimova, B. Z. Kanevskii, V. S.
Fedorov. *Radiofizika* 20 no. 5 70-75 My '65.

RADIO, SHORTWAVE see subdivision under Antennae
regions

RADIO ASTRONOMY

[How to study the universe] *Kak izuchat' vseennuyu.*
Moskva, Izd-vo "Znanie," 1965. 44 p. (Narodnyi
universitet. Estestvenno-nauchnyi fakul'tet, no. 11)
Results of observations of galactic radio sources at Pul-
kovo at a wavelength of 6.4 cm. V. I. A. Gol'nev, N. M.
Lipova. *Izvestiya Akad. Nauk SSSR, Astron. zhur.* 12 no. 5 902-
917 S-O '65
Variation of the radio emission flux from Cassiopeia-A
Astrofizika 1 no. 2 247-250 Je '65

RADIO ASTRONOMY—CONGRESSES

Recent developments in lunar and planetary studies.
A. E. Salomonovich. *Vest. AN SSSR* 35 no. 10 102-109
O '65.

RADIO DETECTORS

Detection using a virtual cathode. S. D. Gvozdozov.
Radiotekhnika i elektronika 10 no. 10 1824-1828 O '65.

RADIO-FREQUENCY COSMIC RADIATIONS see Cosmic
radiations, Radio-frequency

RADIO IN AERONAUTICS

Belavin, O. V., and M. V. Zerova. [Modern means of
radio navigation] *Sovremennyye sredstva radionavigatsii.*
Moskva, Sovetskoe radio, 1965. 270 p.

RADIO IN GEOLOGY

Avdiukovich, V. K. [Organization of radio communica-
tions in topographic, geodetic and geological field
work] *Organizatsiya radio-svyazi na topografno-geodezi-
cheskikh i geologicheskikh rabotakh.* Moskva, Nedra,
1965. 98 p.

RADIO IN NAVIGATION

Direct radio fix by the method of reference calculating
points. D. K. Efimov. *Ryb. khoz.* 41 no. 9 42-44 '65.

RADIO IN SURVEYING

Avdiukovich, V. K. [Organization of radio communica-
tions in topographic, geodetic and geological field
work] *Organizatsiya radio-svyazi na topografno-geodezi-
cheskikh i geologicheskikh rabotakh.* Moskva, Nedra,
1965. 98 p.

RADIO LINES

Analytical calculation of the resonant frequencies of a
line segment. B. I. Kurilin. *Radiotekhnika* 20
no. 5 35-38 My '65
Calculation of the field of a symmetrical line. I. S.
Kovalev. *Izv. vuz. ucheb. zav., energ.* 8 no. 9 25-31
S '65.

RADIO MEASUREMENTS—STANDARDS

Russia (1923— U S S R) Gosudarstvennyi komitet
standartov, mer i izmeritel'nykh priborov. [Checking of
radio measuring instruments, collection of instruc-
tions and methodological pointers] *Poverka radio-
izmeritel'nykh priborov, sbornik instruktsii i metodicheskikh ukazaniy* Izd. Otdel'sta'noe Moskva, Izd-vo
Standartov, 1965. 760 p.

RADIO MODULATORS

Highly sensitive pulse modulators using transistors.
A. F. Tereshchenko. *Avtom. i telem.* 28 no. 9 1646-
1648 S '65.

RADIO RELAY SYSTEMS—RELIABILITY

Operational reliability of radio relay communication
lines. A. I. Rakov. *Vest. svyazi* 26 no. 8 10-11 Ag
'65.

RADIO TOWERS

Static stability of a steel television tower. N. K. Snitko.
Issled. po teorii sooruzh. no. 14 23-28 '65

RADIOACTIVATION ANALYSIS

Neutron-activation determination of gold in rocks and
meteorites. G. A. Peizhugin, I. P. Altman. *Zhur.*
anal. khim. 20 no. 8 793-798 '65

RADIOACTIVE PROSPECTING

Isotopes and the elementary analysis. N. Narzykulov.
Inform. bul. VDNKH no. 3 35-36 Mr '65.

RADIOACTIVE SUBSTANCES

Forms of occurrence of radioactive elements in iron-
manganese concretions. D. S. Nikolaev, E. I. Efimova.
Radiokhimiya 7 no. 5 614-622 '65.
Infrared spectroscopy method for studying radioactive
potassium sulfate. M. V. Akhmanova, I. E. Mikhalevskiy.
Zhur. fiz. khim. 39 no. 9 2273-2275 S '65.

RADIOACTIVE SUBSTANCES IN PLANTS see Plants,
Radioactive substances in

RADIOACTIVE TRACERS

Detailed elaboration of isotopic indication of proteins.
A. S. Volynskii, I. K. Gul'bin'skaia. *Sborn. nauch. trud*
Tashkent 22 310-318 '62.
State of the permeability of the hematoencephalic barrier
in some diseases of the nervous system, clinical
examination using the "labeled atoms" method. E. N.
Leksin. *Trudy Vor. med. inst.* 51 125-130 '63.

RADIOACTIVITY

Two-proton radioactivity of nuclei heavier than tin.
V. I. Gol'danskii. *Pis'ma v red. Zhur. eksper. i teoret. fiz.*
1 no. 3 15-22 My '65

RADIOACTIVITY—SAFETY MEASURES

The ship and radioactivity. B. Sukhanov. *Voen. zhurn.*
41 no. 10 35 O '65

RADIOCARBON DATING

Astrophysical phenomena and radiocarbon. B. N. Kon-
stantinov, G. L. Kochatov. *Dokl. AN SSSR* 165 no. 1
83-81 N '65.

RADIOCHEMISTRY

Distribution of ionizing radiation energy in molecular
mixtures. I. G. Kaplan. *Dokl. AN SSSR* 164 no. 1
842-845 O '65.
Mechanism underlying the elementary event of a hot
reaction. F. S. Filatov. *Usp. khim.* 34 no. 9 1607-1617
S '65.
Possibility of experimental determination of the
mechanism of reactions between hot atoms and
molecules of hydrocarbons. A. I. Temkin. *Kin. i
kat.* 6 no. 3 387-393 My-Je '65.
Radiochemical composition of iron-manganese concen-
trations and manganese ores. E. I. Efimova, D. S. Nikolaev.
Radiokhimiya 7 no. 5 603-611 '65.

RADIOGENETICS

Biochemical characteristics and radioresensitivity of
various mammalian lines and species. N. I. Nuzhdin,
B. M. Graevskaya. *Trudy Inst. gen.* no. 32 119-135
'65.
Chemical protection against the genetic effect of small
doses of ionizing radiations. N. P. Dubinin, L. G. Du-
binina. *Dokl. AN SSSR* 164 no. 6 1105-1108 O '65.
Effect of ecologic conditions of cultivation and physio-
logical state of seeds (degree of maturity) on the radio-
sensitivity, frequency and nature of hereditary changes
in gamma irradiated barley. N. I. Nuzhdin, N. A.
Pastushenko-Strolets, G. N. Shagin-Ber ezovskii.
Trudy Inst. gen. no. 32 118-118 '65.
Recovery of preneoplastic states induced by radiation in
yeast cells. I. P. Arman, O. B. Kuznetsova. *Genetika*
no. 1 89-98 '65.
Relative biological effectiveness of various ionizing
radiations: injury of the testes and the frequency of the
occurrence of dominant lethal mutations in sex cells
of mice. M. D. Pomranitsova, L. K. Ramalina. *Trudy
Inst. gen.* no. 32 162-176 '65.
Some characteristics of protein metabolism disorders in
the animal organism under the influence of ionizing
radiation. B. M. Graevskaya. *Trudy Inst. gen.* no. 32
114-118 '65.
Spermatozoan protection in rabbits from genetic in-
juries caused by irradiation in vitro. N. I. Nuzhdin,
G. V. Nizhnik. *Trudy Inst. gen.* no. 32 226-237 '65.

RADIOISOTOPES

Theoretical substantiation of the systolic discharge using
the radioisotope method. I. U. S. Babushkin, F. I. Kapurkho.
Med. rad. 10 no. 9 62-67 S '65.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Markovskii, E. A., and V. I. Tikhonovich. [Radioactive
testing of the wear of parts of internal combustion en-
gines] *Radioaktivnyi kontrol' iznosa detal' dvigatel'oi
vnutrennego sgoraniia.* Kiev, Tekhnika, 1965. 74 p.
Standards for the calibration and testing of radioisotope
thickness meters. M. G. Bogushavskii, I. E. Sharova.
Izv. tekhn. no. 6 6-8 S '65.
Studying the moisture exchange between the slightly
decomposed peat mass spread and the bog surface.
M. P. Volarovich, N. I. Gamalunov, A. P. Pollanchikov.
Torff. prom. 42 no. 3 30-34 '65.

Using radioisotopes to determine the density and moisture
content of soils. M. I. Smorodinov, A. A. Morozov. *Osn.,
fund. i mekh. grun* 7 no. 5 7-8 '65.

RADIOMETRY

Regional radiometry of thyroid gland tissue in various
forms of goiter. B. V. Antikandov, A. M. Rykhovskina.
Med. rad. 10 no. 9 23-27 S '65.

RADIOLOGICAL DIAGNOSIS

see Diagnosis, Radioscopic

RADIOTHERAPY

Electroencephalographic evaluation of the functional
state of the central nervous system in the process
of megavolt radiotherapy. I. V. Vvedenskaya, T. S.
Stepanova. *Vop. neirokhir.* no. 1 31-35 '65.

Results of diagnosis and radiotherapy of osteosarcoma
of the mandible (clinical case). V. I. Shakhmatin. *Sov. ra-
diol.* 11 177-180 '60.

RADIOHYDRAULIC—COMPLICATIONS AND SIMULATIONS

Clinical and X-ray characteristics of radiation therapy
patients undergoing radiotherapy. B. A. Tikhonov.
Nauch. trudy Rik. med. inst. 11 905-921 '60.

RADIOTHORIUM

see subdivision under Thorium

RADISHCHEV, ALEXANDER NIKOLAEVICH, 1879-1942

Approach of G. Shaturny to the solution of the problem
of the "radioactive" element. *Nauch. zhurnal.* 11 177-180
'60.

Magomedov, G. P. [A. N. Radishchev, a biography
A student text] A. N. Radishchev, biog. zadaniy. *1942-
1943 ucheb. godya.* Moskva, Prosveshcheniye, 1965.
150 p. (Biografiya plastika)

RADISHES

Condition and role of pigments in the synthesis of
radish (Raphanus sativus L.). L. P. Gavrilova. *Tr.
bot. zhur.* 22 no. 5 92-94 '60.

RADIUM

see subdivision under Actin, Best of

RADIUS—ABNORMALITIES AND DEFORMITIES

Congenital malformation of the radial head. L. P. Gavrilova.
Ortop., travmatol. prot. 26 no. 6 18-21 S '65.

RADIUS—FRACTURE

Outcome of an operative treatment of fractures of the
neck of the radius in children. R. P. Gavrilova. *Ortop.,
travmatol. prot.* 26 no. 5 11-13 My '65.

RADIUS—SURGERY

Outcome of an operative treatment of fractures of the
neck of the radius in children. R. P. Gavrilova.
Ortop., travmatol. prot. 26 no. 5 11-13 My '65.

RADON

Ionization capacity and the liberation of the nuclei of
radon in the thermal decomposition of copper, nickel, and
thorium oxides. Ch. I. Kh and others. *Dokl. Akad. Nauk
SSSR* 161 no. 6 1313-1316 O '65.

RAFFINOSE

Composition of raffinose esters. V. S. Vasil'chenko, G. I.
Oleeva, N. I. Iudin. *Med. khim. prom.* 11 177-180
'60.

RAGWEED

Pyrazolizidine alkaloids in some ragweed species.
V. S. Alekseyev, O. I. Burdakovskiy. *Tr. Khim. i
biokhim. inst.* 20 no. 1 49-54 '65.

RAHAYEV, PAVEL PAVLOVICH, 1905

P. P. Rahayev: his 20th birthday and his scientific and
pedagogic and public activity. A. B. Makhov. *Tr. Vosto-
chn. AN SSSR, Ser. obshchestven. nauch.* 11 177-180
'60.

RAILROAD BRIDGES

Russia (1923— U S S R) Gosudarstvennyi komitet
standartov, mer i izmeritel'nykh priborov. [Guide for the determi-
nation of the capacity of metal spans of railroad bridges] *Poverka
stoyan po opredeleniyu prugobnoy prochnosti metallicheskikh
protektov i stoyan vkhodnykh i vkhodnykh mostov.* Mos-
kva, Transput, 1965. 250 p.

RAILROAD BRIDGES—CONSTRUCTION

Protecting coating of bridges. V. N. Kokobayev, B. V.
Molghin. *Puti i put. khoz.* 9 no. 7 14-16 '65.

RAILROAD ENGINEERING

Centrifugal modeling at the service of railroads.
T. G. Yakovleva, D. I. Ivanov. *Puti i put. khoz.* 9
no. 7 14-16 '65.
Efficient use of color in railroad transportation. E. B.
Rubkin, E. G. Golodov. *Zh. el. dor. transp.* 17 no. 11
63-65 O '65.
First steps of the Institute of the Scientific Design of
Work. K. V. Kulov, B. V. Akhmedov, A. I. Lomonosov.
Vest. vuz. ucheb. zav. 23 no. 10 53-56 O '65.
Preparing a railroad line for high-speed traffic. E. B.
Akhmedov and others. *Zh. el. dor. transp.* 17 no. 11 65-
67 '65.

RAILROAD ENGINEERS

see Locomotive engineers

RAILROAD MOTORCARS

Modernized railway motorcar. V. I. Gerasimov, V. A. Gerasimov.
Puti i put. khoz. 9 no. 10 14-16 '65.

RAILROAD RESEARCH

see subdivision under Locomotive

RAILROADS

Akademiya nauk SSSR. Institut nauchnoi informatsii
[Railroad transportation] *Zh. el. dor. transp.* 17 no. 11
Moskva, 1964. 140 p. (Nauch. i tekhn. zhurn.)
Railroad news. *Zh. el. dor. transp.* 17 no. 10 55-58
'65.

RAILROADS—ABSTRACTS

[Railroad transportation] *Ref. zhur. i Zh. el. dor. transp.*
nos. 10-11 O-N '65.

RAILROADS—BRAKES

Coupled brake, IU, A. Konakshin. Put' i put, khoz. 9 no. 10-21 '65.

RAILROADS—BRAKES—TESTING

Russia (1921- U.S.S.R.) Glavnoe upravlenie varonno-go Vozzhalstva. [Regulations for the repair and testing of car braking equipment, superseding Regulations TsV-1885 published in 1957]. Pravila remonta i ispytaniya tozmoznoy oborudovaniya vagonov, v otmeny Pravil TsV-1885 izdaniya 1957 g. Moskva, Transport, 1965. 103 p.

RAILROADS—BUILDINGS AND STRUCTURES

Industrial aesthetics in car depot. S. P. Mikhovets. Zhel. dor. transp. 17 no. 10, 11-15 O '65.

RAILROADS—CARS—AIR CONDITIONING

Technical maintenance of air conditioning plants. G. I. Gondeyev, I. M. Bakhovskiy, S. V. Nebutman. Zhel. dor. transp. 17 no. 10, 15-51 O '65.

RAILROADS—CARS—DESIGN AND CONSTRUCTION

Increasing the reliability of the brake car parts. A. I. Rezhikov, B. A. Tenebaum. Zhel. dor. transp. 17 no. 10, 31-11 O '65.

Methodology of the design for stability of roofs for all-metal cars. M. M. Lombroso. Trudy OMIT 43 pt 2 163-185 '63.

RAILROADS—CARS—DYNAMICS

Effect of relative friction on the dynamic characteristics of cars. A. A. Dyshko. Trudy OMIT 43 pt 2 15-10 '67.

RAILROADS—CARS—LUBRICATION

Coefficient of friction in impact load and role of thin films in the distribution of contact stresses. A. A. Dyshko. Trudy OMIT 43 pt 2 175-85 '63.

RAILROADS—CARS—MAINTENANCE AND REPAIR

Russia (1921- U.S.S.R.) Glavnoe upravlenie varonno-go Vozzhalstva. [Regulations for the repair and testing of car braking equipment, superseding Regulations TsV-1885 published in 1957]. Pravila remonta i ispytaniya tozmoznoy oborudovaniya vagonov, v otmeny Pravil TsV-1885 izdaniya 1957 g. Moskva, Transport, 1965. 103 p.

Use of hard facing in a carbon dioxide atmosphere in the repair of car parts. V. D. Stupakov. Trudy OMIT 43 pt 2 143-148 '63.

RAILROADS—CARS—VIBRATION

Effect of coupling centering systems and transverse friction forces in the point of application of wheels and bearings on the wobbling vibrations of cars. A. A. Dyshko. Trudy OMIT 43 pt 2, 11-25 '63.

Effect of the vibrations of springless vehicle masses on rail corrugation. G. V. Zolkin. Trudy KHIT no. 7, 31-39 '65.

Theory of the friction of elastic vibration determining the dependence of the limit displacement on the modulus of elasticity, velocity, pressure, mean roughness, and temperature. A. A. Dyshko. Trudy OMIT 43 pt 2, 37-58 '63.

RAILROADS—COMMUNICATION SYSTEMS

Method for measuring and evaluating random interference. R. M. Shevchuk. Trudy OMIT 42, 3-10 '63.

Some problems of the design and calculation of pneumatic mail conveying. M. N. Teterov. Sbor. trud. LIIZIT no. 216, 75-88 '64.

RAILROADS—CONTINUOUS RAILS

Stresses in continuous rail tracks during maintenance work with the use of ballast cleaners. V. I. Novakovich. Trudy KHIT no. 11 40-48 '65.

Technology of laying continuous rail tracks. M. S. Bochenkov. Put' i put, khoz. 9 no. 10, 10-12 '65.

RAILROADS—CURRENT SUPPLY

Parameters of track circuits with frequencies of 25, 50, and 75 cycles. M. V. Kurovskiy. Trudy OMIT 42 17-46 '63.

RAILROADS—CURVES AND TURNOUTS

Curve adjustment and revolutions for high-speed lines. P. G. Korzhichuk. Put' i put, khoz. 9 no. 7, 16-17 '63.

Graphic determination of the parameters of a curve. G. V. Moskalenko. Put' i put, khoz. 9 no. 10, 17-20 '65.

RAILROADS—EARTHWORK

Design of track ditches. I. N. Koldilov. Put' i put, khoz. 9 no. 7, 19 '65.

RAILROADS—ECONOMIC ASPECTS

Kharukov, E. D., ed. [Economics of rail and transportation]. Ekonomika zhelezнодорожного transporta, Izd. 2, perer. i dop. [By] I. V. Bolov i dr. Moskva, Transport, 1965. 350 p. map (insert).

RAILROADS—ELECTRIC EQUIPMENT

Electrical contactors for relays used in railroad transportation. N. V. Dymkovskiy, M. V. Milyanova, I. Mokrotekhtika 38 no. 10, 33-34 O '65.

RAILROADS—ELECTRIFICATION

Technical and economic effectiveness of the electrification of railroad transportation and prospects for its development. A. V. Voronin. Elektrichestvo no. 10-1-7 O '65.

RAILROADS—EMPLOYEES

(See also subdivision under Novokuznetsk)

Winners of the competition. I. I. Makshaenko. Put' i put, khoz. 9 no. 10, 7 '65.

RAILROADS—EQUIPMENT AND SUPPLIES

Hydraulic track lifter. N. I. Neaterenko. Put' i put, khoz. 9 no. 7, 10-10 '65.

New machine for general track overhauling. A. N. Turov, A. T. Beloshelkov. Put' i put, khoz. 9 no. 7, 6-8 '65.

New track machine. N. A. Plototskiy, I. R. Ivanov. Put' i put, khoz. 9 no. 7, 3-5 '65.

Overall mechanization of loading and unloading operations. V. N. Korotkov. Zhel. dor. transp. 17 no. 10, 3-3 O '65.

Rail carrier. I. A. Dyshchik, Put' i put, khoz. 9 no. 7, 21 '65.

Spraying machine. A. I. Mel'nikhenko, A. V. Glebov. Put' i put, khoz. 9 no. 10, 25-26 '65.

Suspension supports for the locators on the MRD52 defectoscope. P. I. Zolov. Put' i put, khoz. 9 no. 7, 2 '65.

Track sprayer. N. I. Mikhlinova. Put' i put, khoz. 9 no. 7, 20 '65.

Vedenkin, S. G., V. G. Kuznetsov, and L. S. Lebedeva. [Anti-rust protection of metal items during prolonged storage]. Zashchita metallov i deli ot korozii pri dlinnoi konservatsii. Moskva, Transport, 1965. 30 p. (Doklady nauchno-issledovatel'skii institut zhelezнодорожного transporta. Trudy, no. 204)

RAILROADS—FREIGHT

(See also subdivision under Transbaikalia)

Efficient utilization of routes for the direction of car flows. A. I. Smotantsev. Zhel. dor. transp. 17 no. 10, 14-18 O '65.

Malov, A. D. [Fastening of goods on platform freight cars for transportation under high-speed traffic conditions]. Krepenie gruzov na otkrytom podvishnom sostave dlia porozozki pri vysokikh skorostakh dvizheniya. Moskva, Transport, 1965. 108 p. (Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut zhelezнодорожного transporta. Trudy, no. 204)

Material incentives for a better utilization of freight cars. Zhel. dor. transp. 47 no. 10, 20 O '65.

RAILROADS—FREIGHT CARS

Effect of vibratory systems on the stability of dump cars during unloading. I. D. Efimev. Trudy OMIT 43 pt 2, 107-102 '63.

Using linear programming methods in the calculation of empty car transfer within a railroad subdivision. V. A. Kudryavtsev. Sbor. trud. LIIZIT no. 216, 113-140 '64.

RAILROADS—FREIGHT CARS—DISINFECTATION

Purifying and disinfecting waste waters at the disinfecting and washing stations of Soviet railroads. I. A. Netytkin. Trudy VNIIVS 24, 301-301 '64.

Studying the technical apparatus for the technological operation and standard designs of disinfecting and washing stations. I. A. Netytkin. Trudy VNIIVS 24, 284-300 '64.

RAILROADS—FREIGHT CARS—MAINTENANCE AND REPAIR

Some problems of the analysis of the performance of continuous conveyor lines for the repair of freight cars. V. D. Stupakov. Trudy OMIT 43 pt 2, 127-141 '63.

RAILROADS—HUMP YARDS

Efficiency indices of track facilities in classification yards. V. P. Pufonov. Sbor. trud. LIIZIT no. 216, 101-111 '64.

Increasing the handling capacity of classification yards. V. A. Tolmachev. Zhel. dor. transp. 47 no. 10, 9-11 O '65.

Interrelated distribution of facilities in classification yards. P. V. Baranov. Sbor. trud. LIIZIT no. 216, 155-170 '64.

Technical and economic requirements of hump yard retarders under the conditions of automatic braking of cuts. V. E. Pavlov. Sbor. trud. LIIZIT no. 216, 67-100 '64.

RAILROADS—JOINT USE OF FACILITIES

Uniform in technology improves the standards of routing. A. N. Reizberg and others. Zhel. dor. transp. 47 no. 10, 21-24 O '65.

RAILROADS—LABOR PRODUCTIVITY

More about the indices of labor productivity. N. V. Morand. Zhel. dor. transp. 47 no. 10, 71-74 O '65.

Potentials for increasing labor productivity. B. V. Ignatov. Put' i put, khoz. 9 no. 7, 13-15 '65.

RAILROADS—MAINTENANCE AND REPAIR

(See also subdivision under Orenburg Province, Siberia, Western)

Contest for better machines and mechanisms. Put' i put, khoz. 9 no. 7, 30 '65.

RAILROADS—MAINTENANCE AND REPAIR

Everyday routine of the crews of track machinery

stations. Put' i put, khoz. 9 no. 7, 22 '65.

Improving the work of track machinery stations. K. A. Korolev, A. I. Nikonov. Put' i put, khoz. 9 no. 10, 22-23 '65.

Mechanization of track cleaning operations. G. M. Dev'jakovich, D. M. Mel'nik, P. P. Nedoshkovskiy. Put' i put, khoz. 9 no. 10, 20-22 '65.

Potentials for increasing labor productivity. B. V. Ignatov. Put' i put, khoz. 9 no. 7, 13-15 '65.

Reliable stabilization of an embankment. V. P. Golov, I. G. Makhitov. Put' i put, khoz. 9 no. 10, 31-3 '65.

Secure high-quality production. A. N. Naumov. Put' i put, khoz. 9 no. 10, 3-6 '65.

Specialization of the work of track maintenance subdivisions. V. A. Platonov. Put' i put, khoz. 9 no. 10, 30 '65.

Substantiation of the methodology for selecting the optimum traffic interval for a specific rail road section. G. V. Moskalenko. Trudy KHIT no. 7, 14-21 '65.

RAILROADS—MAKING UP TRAINS

Selecting the optimum variant of the plan for making up trains. A. K. Il'inskiy. Zhel. dor. transp. 17 no. 10, 21-27 O '65.

RAILROADS—MANAGEMENT

Organization of local operations in a division. D. M. Dashchinskii. Zhel. dor. transp. 17 no. 10, 20-21 O '65.

RAILROADS—PASSENGER TRAFFIC

Opendik, M. D., and N. B. Gankin. [High-speed traffic of passenger trains, experience of the Oktaibz' Railroad]. Skoiatnoe dvizhenie passazhirskikh poezdov, opyt Oktaibz' skoiatnoy. Moskva, Transport, 1965. 70 p.

RAILROADS—RAILS

Application of operational calendar in rail design. G. V. Moskalenko. Trudy KHIT no. 7, 10-56 '65.

Effect of various types of rails on the residual deformations in the ballast bed. M. I. Kulagin. Trudy TSNI MPs no. 202, 5-18 '65.

Establishing the norms of the periodicity of rail exchange and basic principles of the utilization of reconditioned rails. P. P. Tsubanov. Trudy TSNI MPs, no. 202, 181-231 '65.

Improving the quality of standard make rail manufacture from Martin steel. I. S. Baulin, V. N. D'vorkov. Trudy TSNI MPs, no. 202, 165-183 '65.

RAILROADS—RAILS—DEFECTS

Formation of longitudinal unevenness on railheads during their rolling. A. V. Iukhinov. Trudy TSNI MPs no. 202, 16-53 '65.

Using grinding to eliminate unevenness on the roller face of rails. M. I. Kulagin. Trudy TSNI MPs, no. 202, 70-103 '65.

RAILROADS—RAILS—FASTENINGS

Causes of the failure of fastening screws. M. G. Andreevskiy, I. S. Ignaty, I. A. Shlagin. Put' i put, khoz. 9 no. 10, 33 '65.

RAILROADS—RAILS—LUBRICATION

Grease lubricants reduce the wear of wheel flanges and rails. L. P. Melentev, L. G. Tsubanov. Trudy TSNI MPs, no. 202, 101-153 '65.

Rail lubricants. I. V. Bekhterev. Put' i put, khoz. 9 no. 7, 41 '65.

RAILROADS—RAILS—TESTING

Effect of the vibrations of springless vehicle masses on rail corrugation. G. V. Zolkin. Trudy KHIT no. 7, 31-39 '65.

Field testing of rails. L. P. Melentev, V. A. Zolotarev, L. A. Sojin. Trudy TSNI MPs, no. 202, 51-76 '65.

Operational strength of standard make B50 rails. V. I. Vakhnenko. Trudy TSNI MPs, no. 202, 154-165 '65.

RAILROADS—RAILS—WELDING

School of rail weldings on the track. V. M. Kombarov. Put' i put, khoz. 9 no. 7, 34-36 '65.

RAILROADS—RATES

[Price manual No. 4]. Tarifnye ukazaniya No. 4. Moskva, Transport, 1965. 300 p.

Book 3. [Distance rates between junction and transit points. Effective from July 1, 1965]. Tarifnye ukazaniya mezhdu uzlovymi i tranzitnymi punktami. Vvedeno v delatstvo s 1 Iulia 1965 g. 308 p. map (insert).

RAILROADS—ROLLING STOCK

[Accelerating the car turnover]. Uskorenie oborota vagona. Moskva, Transport, 1965. 92 p.

Forms and methods of the promotion of export from practice in the capitalist trade in rolling stock. A. Amosov. Vnesh. torg. 45 no. 10, 33-37 '65.

Zolotarevskiy, A. F., and others. [Railroad tracks and rolling stock for high speed traffic conditions]. Zhelezнодорожный put' i podvizhnyy sostav dlia vysokikh skorostei dvizheniya. Pod red. M. A. Chernysheva. Moskva, Transport, 1964. 271 p.

RAILROADS—SAFETY MEASURES

Observe the safety requirements in laying second tracks. Put' i put. khoz. 9 no. 7 1-2 '65.

Features in safety regulations. Put' i put. khoz. 9 no. 11 '65.

Observe the safety requirements in laying second tracks. Put' i put. khoz. 9 no. 10 35-36 '65.

Symonov, A. V., and G. A. Likhov. [Labor safety in railroad traffic operations] Otkranna truda v laborativno dvizhenii zheleznikh dorog. Moskva, Transport, 1965. 182 p.

RAILROADS—SIGNALING—BLOCK SYSTEM

Electric insulation of rail circuits on reinforced concrete ties. V. F. Trubitsyn. Put' i put. khoz. 6 no. 7 11-12 '65.

RAILROADS—SVOS PROTECTION AND REMOVAL

The greatest inspector. Put' i put. khoz. 9 no. 10 1-2 '65.

RAILROADS—STATIONS see subdivision under Riga

RAILROADS—SURVEYING

Continuation of surveying of the Moscow Institute of Railroad Engineers. L. P. Nedelcheva. Izv. vuz. ucheb. zav., geotekhn. no. 2 151-153 '65.

RAILROADS—SWITCHES

Trucks with mobile tongues. A. A. Rudzhenik. Put' i put. khoz. 9 no. 7 39 '65.

Results of experimental trips. S. V. Amel'ta, M. P. Smirnov, V. I. Mavlov. Put' i put. khoz. 9 no. 10 17-19 '65.

RAILROADS—TIES

Results of the testing for strength of ties with various fastening systems. E. A. Likhov. Trudy KHIT no. 71, 64-70 '65.

RAILROADS—TIES, CONCRETE

Defects of reinforced concrete ties. Put' i put. khoz. 9 no. 10 45 '65.

Electric insulation of rail circuits on reinforced concrete ties. V. F. Trubitsyn. Put' i put. khoz. 9 no. 7 11-12 '65.

RAILROADS—TRACK

Improved technology of track alignment. A. E. Karol'm, V. I. Khromykh. Put' i put. khoz. 9 no. 10 12-13 '65.

Method for determining the coefficient of stability of the rail-and-tie system in a horizontal plane. A. V. Rozanov. Trudy KHIT no. 71 21-30 '65.

Norms of permissible train speeds under the conditions of a constituted track layout. V. I. Angeleiko, V. I. Karasik. Trudy KHIT no. 71 3-14 '65.

[Organization and mechanization of track maintenance, experience of track workers of the West Siberian and Dnieper Valley Railroad lines] Organizatsiya i mekhanizatsiya soderzhanija puti, opyt puteiksey Zapadno-Sibirskoi i Pridneprovskoi dorog. Moskva, Transport, 1965. 118 p.

Reaction of the rail-and-tie system to the dynamic longitudinal forces. V. N. Lashchenko. Trudy KHIT no. 71 60-63 '65.

Theoretical study of track deflection under a moving load taking its consequences into account. V. N. Lashchenko. Trudy KHIT no. 71 15-20 '65.

Zotol'skii, A. F., and others. [Railroad tracks and rolling stock for high speed traffic conditions] Zheleznodorozhnyi put' i podvishnoi sostav dlia vysokikh skorostei dvizhenia. Pod red. M. A. Chernysheva. Moskva, Transport, 1964. 271 p.

RAILROADS—TRACKLAYING MACHINERY

Observe the safety requirements in laying second tracks. Put' i put. khoz. 9 no. 10 35-36 '65.

Speeding up tracklaying operations. A. D. Kalinin, V. A. Titulinov. Put' i put. khoz. 9 no. 10 26 '65.

RAILROADS—TRAFFIC

Effect of passenger train spacing on the utilization of locomotives. A. K. Ugel'mov, Sbor. trud. LIIZHT no. 216: 21-58 '64.

Increasing the traffic capacity of single-track lines operating with new traction means by lengthening the receiving and dispatching sidings in stations. A. P. Romanov. Sbor. trud. LIIZHT no. 216: 57-74 '64.

Some problems in improving the organization of local operations. A. P. Romanov, Sbor. trud. LIIZHT no. 216: 8-26 '64.

Substantiation of the methodology for selecting the optimum traffic interval for a specific railroad section. G. V. Moskalenko. Trudy KHIT no. 71: 74-81 '65.

Traffic organization under the conditions of long haul distances. P. I. Gordenko. Sbor. trud. LIIZHT no. 216: 3-7 '64.

Uniform technology improves the standards of routing. A. N. Rafsberg and others. Zhel. dor. transp. 47 no. 10 21-24 '65.

RAILROADS—TRAIN SPEED

Malya, A. D. [Fastening of goods on platform freight cars for transportation under high-speed traffic conditions] Krepenie guzov na otkrytykh podvishnom sostave dlia perevozki pri vysokikh skorostakh dvizhenia. Moscow, Transport, 1965. 166 p. (Moscow Vsesoyuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 294)

Norms of permissible train speeds under the conditions of a constituted track layout. V. I. Angeleiko, V. I. Karasik. Trudy KHIT no. 71 3-11 '65.

Ogudik, M. D., and N. B. Gankin. [High-speed traffic of passenger trains, experience of the Otkryt' Railroad] Skorostnoe dvizhenie passazhir'skikh poezdov, opyt Otkryt'skoi dorogi. Moskva, Transport, 1965. 70 p.

Zotol'skii, A. F., and others. [Railroad tracks and rolling stock for high speed traffic conditions] Zheleznodorozhnyi put' i podvishnoi sostav dlia vysokikh skorostei dvizhenia. Pod red. M. A. Chernysheva. Moskva, Transport, 1964. 271 p.

RAILROADS—WIRES AND WIRING

Parameters of track elements with frequencies of 25, 50, and 75 cycles. M. V. Kuvshinov. Trudy OMHI 42 15-16 '63.

RAILROADS—YARDS

Construction and operation technology of the base unloading stations for mineral fertilizers. A. A. Smolov and others. Zhel. dor. transp. 47 no. 10 32-34 '65.

RAILROADS, ELEVATED

Elevated superstructure. V. G. Galkin. NTO 7 no. 10 11-16 '65.

RAILROADS, INDUSTRIAL—EQUIPMENT AND SUPPLIES

Mechanisms for rail loading and unloading and mechanization of other track work. A. P. Fedulov. Trud. prom. 42 no. 7 38-39 '65.

RAILROADS, INDUSTRIAL—TRACK

Work practices of track workers of the Otkryt'skaya estersiya. E. P. Vinogradov, S. V. Muraviev. Trud. prom. 42 no. 7 39-40 '65.

RAILROADS, NARROW-GAUGE

Children's railroads. S. V. Volkov. Nar. shkol. no. 10 69-70 '65.

RAILWAY DOCKS see Marine railways

RAIN AND RAINFALL

(see also subdivision under Kazakhstan, Tien Shan, Volga Hill region)

Structure of the monthly amounts of precipitation in the steps of the southeastern Timanets territory of the U.S.S.R. N. I. Chernova. Trudy GGO no. 161: 137-168 '65.

RAMENSKOYE (MOSCOW PROVINCE)—COURTS

The "five victims" of Ramenskoye. IU. Stepanov. Sov. iust. Sov. iust. 20 no. 10 31-32 '65.

RANDOM PROCESSES see Stochastic processes

RANGE FINDERS

Seeing, but unseen. I. Noskov. Voenn. zhurn. 11 no. 10 12-13 '65.

RAPAKIVI see subdivision under Baltic Sea region, Leningrad Province

RAPE see subdivision under Ukraine

RARE AND MINOR METALS see Metals, Rare and minor

RARE-EARTH CHLORIDES

Double chlorides of lanthanum, cerium, praseodymium, and neodymium with dimethylamine chloride. N. N. Sakharova, V. P. Avdeev. Zhur. neorg. khim. 10 no. 9: 2030-2035 '65.

Interaction of lanthanum chloride with samarium (III) and yttrium chlorides. D. K. Korshunov, D. V. Drobot, L. V. Davutina. Zhur. neorg. khim. 10 no. 9: 2120-2123 '65.

RARE-EARTH COMPOUNDS

Characteristics of the technology of making compact parts and the mechanical properties of certain rare-earth metal borohydrides. V. G. Arabad, I. N. Shtrum, IU. A. Lapitskii. Porosh. met. 4 no. 5: 65-70 '64.

Kinetic method of studying dialkyl phosphates, complexes of thorium and rare-earth elements. Z. A. Shkva, E. I. Sinayevskaya. Radiokhimiya 7 no. 5: 596-603 '65.

Reaction of rare-earth oxides with chromium. K. I. Portnoi, N. I. Timofeeva, V. I. Fedoseeva. Zhur. neorg. khim. 10 no. 9: 2041-2043 '65.

Stability of complex compounds of cations of calcium and scandium subgroups. V. N. Kurnok, V. V. Sobolevnikov. Zhur. neorg. khim. 10 no. 9: 2019-2022 '65.

Stability of complex rare-earth compounds. V. N. Kurnok, V. V. Sobolevnikov. Zhur. neorg. khim. 10 no. 9: 2019-2022 '65.

RARE-EARTH COMPOUNDS—SPECTRA

Infrared spectra of rare-earth pyrogermanates and the structure of Ge_2O_7 anion. T. F. Tikhonova and others. Izv. AN SSSR, Ser. khim. no. 10: 1761-1771 '65.

RARE-EARTH METAL ALLOYS

Incorporation of cupola cast iron with rare-earth metal alloys. P. I. Sorokin and others. Lkh. profil. no. 9 21-31 '64.

RARE-EARTH METALS

Effect of rare-earth metals on the parameters of the crystal lattice of the Al-40V aluminum bonding alloy. V. M. Glukhovev. Trudy Novosib. gos. univ. no. 21 no. 2: 13-15 '63.

Effect of rare-earth metals on the specific electric resistance of the Al-40V alloy. V. M. Glukhovev. Trudy Novosib. gos. univ. no. 21 no. 2: 15-16 '63.

Effect of rare-earth metals on the wear resistance of pistons made from the Al-40V alloy. V. M. Glukhovev. Trudy Novosib. gos. univ. no. 21 no. 2: 16-17 '63.

RARE-EARTH PHOSPHATES—SPECTRA

Infrared spectra and the structure of rare-earth phosphates and sulfates. T. F. Tikhonova, T. M. Pavlovskaya, A. N. Lazarev. Izv. AN SSSR, Ser. khim. no. 10: 1771-1778 '65.

RARE-EARTH SILICIDES

Compounds $LaSi_2$, $CeSi_2$, $PrSi_2$ and their crystalline structures. P. I. Gladyshevskii. Izv. AN SSSR, Neorg. mat. 1 no. 5: 706-710 '65.

Crystalline structure of the compounds $LaSi_2$, $CeSi_2$, $PrSi_2$, $NdSi_2$, and $SmSi_2$. P. I. Gladyshevskii, P. I. Khrushchevskii. Izv. AN SSSR, Neorg. mat. 1 no. 5: 703-705 '65.

RARE-EARTH SULFATES—SPECTRA

Infrared spectra and the structure of rare-earth phosphates and sulfates. T. F. Tikhonova, T. M. Pavlovskaya, A. N. Lazarev. Izv. AN SSSR, Ser. khim. no. 10: 1771-1778 '65.

RARE-EARTH TUNGSTATES

X-ray diffraction study of some lanthanum tungstates. V. M. Amosov, V. K. Trunov, L. M. Kozlov. Vopr. fiz. khim. no. 2: 14-20 '65.

RAS SHAMRA—POLITICS AND GOVERNMENT

Once more on the communist anti-government in Iraq. M. L. Helffer. Vopr. fiz. khim. no. 2: 14-20 '65.

RAT BAITS AND REPELLENTS

Testing liquid baits in controlling brown rats. N. T. Niforov, D. P. Trukhmanov, V. G. Zaitsev. Trudy VNIIVS 24: 351-358 '61.

RATE OF CHEMICAL REACTION see Chemical reaction, Rate of

RATS AS CARRIERS OF DISEASE

Rats as a source of intestinal infection. IU. A. Molokhov. Trudy VNIIVS 24: 313-315 '61.

RAUWOLFIA

Effect of reserpine and gendron on the incorporation of labeled amino acids into protein of various parts of the central nervous system. M. G. Gelfand, S. S. Naumov, I. M. Tashchik. Zh. fiziol. 22: 325-329 '62.

RAYON

Processing of No. 150 acetone yarn in the production of warp-knit goods. V. I. Hamitova, I. M. Poltavskii, I. I. Bychkova. Tekh. prom. no. 2: 17-18 '64.

Protection of cellulose materials against destruction by weathering. G. K. Stergin and others. Khim. volok. no. 3: 35-37 '65.

Some changes in the structure of rayon fibers taking place under various conditions of the impregnation and drying of cord threads. Z. I. Suleimanova, A. V. Markina. Kuchel. 21 no. 1: 27-29 '63.

RAYON INDUSTRY—BY-PRODUCTS

Recovery of zinc sulfate from settling and clarification baths. M. K. Artemeva and others. Khim. volok. no. 5: 67-68 '65.

RAYON INDUSTRY—EQUIPMENT AND SUPPLIES

Ways of automatic regulation of the process of cellulose degradation. A. L. Sukhanov. Khim. volok. no. 5: 60-62 '65.

RAYON INDUSTRY—QUALITY CONTROL

Devices for simplified quality control of viscose. M. I. Dalkin and others. Khim. volok. no. 5: 69-70 '65.

RAYON SPINNING

- Causes of the structural nonuniformity of viscose fibers. A. T. Serkov, V. N. Pokrovskii, Khim. volok. no. 5 32-35 '65.
- Production of strong yarn in spinning rayon staple without stubbing. A. L. Feigenberg, Tekst. prom. 25 no. 9:33-38 '65.
- Recovery of carbon disulfide during the formation of rayon cord on FN-300-1 machines. V. K. Laznev, A. T. Serkov, Khim. volok., no. 5 15-18 '65.
- Ushakov, K. N., and F. F. Bachukina. [Processing viscous rayon] Pererabotka viskoznogo shetka. Moskva, Legkaya industriya, 1965. 228 p.

REALISM IN LITERATURE

- Boundless opportunities. V. Bogdanov, Vest. Mosk. un. Ser. 7:Filol., zhur., 20 no. 5 92-91 '65.
- Interuniversity conference held in Volodya on problems of realism in Russian and foreign literature. I. V. Gura, Izv. AN SSSR, Ser. lit. i iz., 24 no. 5 157-159 S-O '65.

REALITY

- Einstein, Albert. [Physics and reality. Translated from the German and English] Fizika i real'nost', sbornik statei. Moskva, Nauka, 1965. 358 p.

REAMERS—VIBRATION

- Vibrations caused by hole reaming. D. D. Rymizov, Izv. V. Trubnikov. Stan. i inst. 36 no. 9:33-34 S '65.

REARRANGEMENTS (CHEMISTRY)

- Preparation and rearrangement of mixed phenylphosphinous esters. V. K. Khafizullin, Izv. AN SSSR, Ser. khim., no. 10 1789-1798 '65.
- 3,6-Endoxocyclohexanone and -cyclohexanone. Part 2: Wagner-Meerwein rearrangement in deamination of 3,6-endoxocyclohexanone carbinolamide acid and its methyl ester. N. S. Zefirov and others, Zhur. obshch. khim., 35 no. 10:1790-1801 O '65.

RECEPTORS (NEUROLOGY)

- Effect of stimulation of the pulmonary receptors on the electric activity of the cerebral cortex in cats under ether anesthesia. V. M. Kuzakov, Fiziol. zhur. [Ukr.] 11 no. 4:530-533 Ji-Ag '65.
- Effect of the stimulation of adrenal chemoreceptors by various insulin concentrations on the content of sugar, adrenalin-like substances (Shaw fractions) in the blood and on the insulin isolating function of the pancreas. R. M. Aganbrova, Izv. AN Azerb. SSR, Ser. biol. nauk no. 3:121-125 '65.
- Effect of the stimulation of gastrointestinal tract receptors on the chemistry of the femoral muscles in hyper- and hypoglycemia. A. I. Karnev, S. R. Ozhakhveridi, I. I. Salimov, Izv. AN Azerb. SSR, Ser. biol. nauk no. 3:110-118 '65.
- Unilateral characteristics of exteroceptor projections in the dorsal forebrain cortex in turtle. P. Z. Mavzuskafa, G. D. Smirnov, Zhur. evoli. biokhim. i fiziol. 1 no. 5:142-148 S-O '65.
- Interoceptive influences of the stomach on the biochemical and histochemical glycogen picture of the liver. I. G. Gushimova, Izv. AN Azerb. SSR, Ser. biol. nauk no. 3:117-120 '65.
- Relationship between indole and choline receptors in the process of synaptic transmission. A. A. Bolyshev, Zhur. evoli. biokhim. i fiziol. 1 no. 3:100-103 S-O '65.
- Spinal ascending pathways of interoceptive reflexes in the organs of the pelvis. I. A. Bulygin, R. A. Iakimovich, Dokl. AN BSSR 9 no. 1:57-60 Ja '65.

RECLAMATION OF LAND

- (see also subdivision under Volgograd Province; Yakutia)

- Some problems of bringing peat-bog soils under cultivation. S. H. Skarapanau, A. I. Barsukov, M. M. Shabanina, Vest. AN BSSR, Ser. sel'sk. hosp. nav. no. 2 60-67 '65.

RECLAMATION OF LAND—ABSTRACTS

- [Soil science, Fertilizers, Reclamation] Ref. zhur., Pech. udobr. mel., nos. 20-22 O-N '65.

RECORDING INSTRUMENTS

- Recording unit with an analog-to-digital converter. V. N. Grebenshchikov, V. O. Krichko, Priboresh. obozr. no. 9:10-12 S '65.

RECOVERY ROOM (SURGERY) see Postoperative care

RECREATION AREAS see subdivision under Sestroretsk District

RECRUITING OF EMPLOYEES see subdivision under Ukraine

RECTUM—EXPLORATION

- Diagnostic value of recto manometry in an outpatient clinic. A. S. Ol'shanetskii, Vop. onk., 11 no. 10:90-95 '65.

RECURSIVE FUNCTIONS

- Recursive isomorphisms. A. B. Khutoretskii, Alg. i log., 4 no. 3:85-88 '65.

RED CLOVER

- Methods of obtaining tetraploids in red clover (*Trifolium pratense* L.) by means of colchicine. N. K. Navalkhina, Upr. bol. zhur. 22 no. 4:8-14 '65.

RED DEER—PARASITES see Parasites—Red deer

RED SPIDER

- Adjustment of spider mites to marcapophos in a cotton field. N. A. Ivanova, V. G. Kornilov, Trudy VIZR no. 30 pt. 1:12-17 '64.

RED SPIDER—EXTERMINATION

- After effects of phosphorus and chlorine organic compounds on the common red spider *Tetranychus telarius* L. M. N. Osherova, Khim. v sel. khoz., 3 no. 9 33-38 S '65.
- Effect of incomplete poisoning by marcapophos on the survival and fertility of spider mites. M. N. Osherova, Trudy VIZR no. 20 pt. 1:18-20 '64.
- Tredon P. Mitrofanov and others. Zivshch. ryst. ot vreditel' 1964 no. 7 32 '65.

REDUCING AGENTS

- Activity of glutathione reductase of the blood in rats under normal conditions and in oxygen insufficiency. Kh. M. Zubina, I. A. Romashuk, Vopr. med. khim. 11 no. 1 27-31 Ja '65.

REDUCTION, ELECTROLYTIC

- Catalytic reduction of some organic substances on rhodium. G. M. Grishina, G. P. Khomchenko, G. D. Vovchenko, Vest. Mosk. un. Ser. 7. Khim., 20 no. 1:65-68 Ji-Ag '65.
- Dispersity of chemically reduced powdered metals depending on the potential of the reducing agent. A. V. Ponomarev, N. L. Kotovskaya, Elektr. khimika 1 no. 9:103-108 S '65.
- Effect of arsenic and mercury on the course of catalytic and electrolytic reactions on ruthenium. T. N. Stokanovskaya, G. P. Khomchenko, G. D. Vovchenko, Vest. Mosk. un. Ser. 2: Khim. 20 no. 4:91-94 Ji-Ag '65.
- Effect of large surface coverages in the electrochemical reduction of diphenylmethylene on mercury. I. A. Zh. Zolotarevskii, G. A. Tseladze, A. B. Lisher, Elektr. khimika 1 no. 7:828-832 Ji '65.
- Effect of temperature on the electroreduction rate of chromic acid. Part 1. Z. A. Solov'eva, Elektr. khimika 1 no. 9:1038-1042 S '65.
- Electroreduction of chromic acid in the presence of fluoride ion additions. Z. A. Solov'eva, Elektr. khimika 1 no. 7:812-817 Ji '65.
- Electroreduction of glyceraldehyde to glycerol and hexite. A. P. Tomilov, A. A. Sogov, S. L. Varshavskii, Elektr. khimika 1 no. 9:1126-1129 S '65.

REED (BOTANY)—WATER REQUIREMENTS

- Effect of water supply on the anatomical structure of the stem of reed (*Phragmites communis* Trin.). V. G. Nikolaevskii, Nauch. dokl. vys. shkoly, biol. nauk no. 4 108-113 '65.

REFLECTING TELESCOPE see Telescope, Reflecting

REFLEXES

- Bakuradze, A. N., A. I. Abundze, and A. I. Sukharulidze. [Changes in the functional state of the alimentary center in starvation and satiation] izmeneniya funktsional'nogo sostoyaniya pishchevogo tsentra pri golode i nasasychnosti. Tbilisi, Metsnberoba, 1965. 110 p.
- Effect of heat on the summation of stimulations in the center of the flexion reflex. V. I. Steplo, Fiziol. zhur. [Ukr.] 11 no. 4:528-529 Ji-Ag '65.
- Effect of some anesthetic substances on the chemoreflexes from the heart and lungs. I. N. Pldavich, Bul. eksp. biol. i med. 60 no. 9:53-57 S '65.
- Electric activity of the cortex, lateral and ventromedial nuclei of the hypothalamus and some other formations of the brain following food and defense reflexes in rabbits. L. V. Kelluzhnyi, B. I. Kotlar, Nauch. dokl. vys. shkoly, biol. nauk no. 4:60-68 '65.
- Inhibition of apinal reflexes at different stages of ontogenetic development in animals. T. K. Tsovolant, [Trudy] Inst. fiziol. AN Gruz. SSR 14:131-137 '65.
- Level of the closing of the arc of the entero-orofacial inhibitory reflex. I. U. M. Gal'perin, I. G. Mikhovitch, Bul. eksp. biol. i med. 60 no. 9:30-34 S '65.
- Oculocardiac reflex in sclerophrenics. B. I. Shostakov, Trudy Vor. med. inst., 51:182-187 '63.
- Relationship of plantar and palmar reflexes in dermatomyositis. D. I. Tomashivskii, Vest. dermat. i ven. 2 26-32 '65.
- Tonic reflex of the ocular muscles in rhythmic electric stimulation of the vestibular receptors. M. M. Levashov, Bul. eksp. biol. i med. 60 no. 9:7-10 S '65.
- Vascular reflexes in threatening abortion and their changes under the effect of bromine and caffeine therapy. R. F. Brodskii, Akush. i gyn. no. 1:35-41 '65.

REFRACTION, DOUBLE

- Study of the structure and determination of fibronucleic acids by the method of birefringence in a magnetic field. M. I. Melshenko, Biokh. 10 no. 5 717-721 '65.

REFRACTOMETRY

- Possible errors in determining free water content by means of the refraction index method (in connection with the penetration of signals into cells). V. A. Babinov, Bol. zhur. 50 no. 5:667-669 My '65.
- Refraction index of polyester varnishes. B. A. Britov, V. A. Igite, Dek. prom. 14 no. 8 29 Ag '65.
- Refractometry of pseudobinary reactions in the systems A-B-O-H₂O. F. A. Giammetti, L. M. Melnikenko, Zhur. neorg. khim., 10 no. 9 2175-2179 S '65.
- Simplified method for determining the oiliness of crushed grit, husk, and oil cakes. F. G. Khilov, V. A. Kuchlevskii, O. I. Gritskii, Maslo bit. prom., 31 no. 7 7-8 Ji '65.
- Types of refractograms in the investigation of reactions in the systems electrolyte I - electrolyte II - water and electrolyte - non-electrolyte - water according to the continuous measurement method. F. A. Giammetti, L. M. Melnikenko, Zhur. obshch. khim., 35 no. 10 1665-1702 O '65.

REFRACTORY CONCRETE

- Introducing to industry the results of scientific research made in the field of heat resistant concrete. K. D. Nekrasov, G. D. Salimov, Ogneuproy 30 no. 10 3-4 '65.

- Makrel', I. I., and M. F. Sukhalev. [Thermal and insulating concrete] Zharopromnyy teploizolyatsionnyy peritobeton. Moskva, Stroiizdat, 1965. 125 p.

REFRACTORY MATERIALS

- Catalytic properties of high-melting compounds and the principles governing the production of high-melting materials with predetermined catalytic properties. G. V. Simsonov, Khim. izv. 6 no. 3:124-132 My-Je '65.
- Firing refractory raw materials in a fluidized bed. S. S. Kryukovskii and others, Ogneuproy 30 no. 10:13-17 '65.
- Introducing electrically melted bafeloyite-cumulus refractory material "Zirconite." L. L. Chelidze, V. I. Ozhovskii, A. N. Oskanov, Bul. tekhn. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform., 18 no. 9: 11-12 S '65.
- Mass-spectroscopic method for studying the hydrogen permeability of refractory materials. I. U. I. Belikov, I. U. I. Zavarzin, Zav. lab. 31 no. 9:107-109 '65.
- Mastering the technology of manufacturing unfired dolomite-reinforced bricks. I. U. I. Belikov, I. U. I. Zavarzin, Msk. i gos. nauch. prom. no. 4:52-54 Ji-Ag '65.
- Nature of adhesion between basic refractories and Portland cement cements. P. I. Burdakov, V. I. Shubin, V. I. Ozhovskii, Zhur. prikl. khim., 38 no. 6:1093-1108 Je '65.
- Optimum composition of the powder for conditioning of open hearth bottoms. V. I. Mikhovskii, V. I. Khilov, Metallurg 10 no. 10:21-22 O '65.
- Reducing shrinkage in the firing of chromium products. I. V. Degribova, S. H. Tolstenco, Ogneuproy 30 no. 10:34-35 '65.
- Service of the firing and cooling equipment of a blast furnace in the smelting of chromite concentrate. V. P. Likhonov and others, Metallurg 10 no. 10:12-14 O '65.
- Theory of the wear of basic arches in open-hearth furnaces. K. K. Strelov, Ogneuproy 30 no. 10:23-30 '65.
- Using a silicon composition for the reinforced lining of small steel-pouring ladles. V. M. Solov', V. A. I. Lutsin, Ogneuproy 30 no. 10:5-8 '65.

REFRACTORY MATERIALS—ANALYSIS

- Chromium reduction from chromium-containing furnace patching materials. N. N. Vinogov, V. I. Likhonov, Ogneuproy 30 no. 10:21-23 '65.

REFRACTORY MATERIALS—PERMEABILITY

- Connection between losses during the calcining of alumina and the strength of raw block during heating. I. S. Kisevskii, I. G. Olova, M. I. Prokopenko, Ogneuproy 30 no. 10:37-39 '65.

REFRACTORY MATERIALS—TESTING

- Apparatus for studying friction and adhesion interaction of refractory materials. A. P. Semenov, V. V. Izdalekova, Zav. lab. 31 no. 9:147-148 '65.

REFRIGERANTS

- Effect of the physical properties of refrigerants on cavitation phenomena in pumps. A. B. Barabain, Khol. tekhn. 42 no. 5:40-51 S-O '65.

REFRIGERATION AND REFRIGERATING MACHINERY

- Apparatus for deep cerebral hypothermia. M. M. Derkovskii, Khol. tekhn. 42 no. 5:52-53 S-O '65.
- Automation of the subcooling of refrigeration plants for petrochemical industries. V. N. Kravkov, Khol. tekhn. 42 no. 5:61-63 S-O '65.

REFRIGERATION AND REFRIGERATING MACHINERY (Continued)

- Design of displacement coolers. I. V. Nikonov. L'v'ys'ye uchub ziv'nykh tekhn. no 5 118-150 '65.
- Low-temperature absorption type refrigeration plant. R. L. Danilov and others. Khol. tekhn. 12 no 5 11-45 S-O '65.
- Multiple-point thermometer for insulation structures. L. L. Grinbaum, B. V. Lifanov, A. M. Khelmskii. Khol. tekhn. 12 no 5 63-65 S-O '65.
- Semigraphical method for determining the parameters of a heat carrier in a cooler-radiator in nonpredetermined mode of operation. B. A. Solov'ev. Izv. AN SSSR. Energ. i transp. no 4 111-113. Ji-Ag '65.
- Small refrigerant coolers. V. M. Shavira. Khol. tekhn. 42 no 5 18-23 S-O '65.
- Using the method of condensation and freezing-out in the dehumidification of compressed air. A. P. Meikulov. Khol. tekhn. 12 no 5 34-37 S-O '65.

REFRIGERATION AND REFRIGERATING MACHINERY— ABSTRACTS

[Chemical and refrigeration machinery manufacture]
Ref zhukh. Khim. i khol. mashinostr. nos 9-10 S-O '65.

REFRIGERATION AND REFRIGERATING MACHINERY— CONGRESSES

All-Union conference of the representatives of high-education institutions in Odessa. Khol. tekhn. 42 no 5 70-71 S-O '65.

REFRIGERATION AND REFRIGERATING MACHINERY— DISINFECTION

Sodium oxydiphenolate for disinfecting refrigeration chambers. I. T. Golosnoi. Veterinaria. 42 no 10 83-84 O '65.

REFRIGERATION AND REFRIGERATING MACHINERY— ELECTRIC EQUIPMENT

Detection and elimination of defects in the electric equipment of refrigerating machinery. L. G. Kaplan. Khol. tekhn. 12 no 5 66-68 S-O '65.

REFRIGERATION AND REFRIGERATING MACHINERY— LUBRICATION

Regeneration of spent lubricating oils. F. I. Khamarskii. Khol. tekhn. 42 no 5 65 S-O '65.

REFRIGERATION AND REFRIGERATING MACHINERY— PARTS

Glazing of the aerles of fin Freon air coolers. A. A. Sotol, N. V. Romanovskii, O. V. Kozlova. Khol. tekhn. 12 no 5 76-77 S-O '65.

REFRIGERATION AND REFRIGERATING MACHINERY— STUDY AND TEACHING

Graduation of refrigeration specialists of the 1954-1965 term. Khol. tekhn. 12 no 5 72 S-O '65.

REFRIGERATION AND REFRIGERATING MACHINERY— TESTING

Experimental testing of small capacity Freon coolers. S. Z. Zhadan and others. Khol. tekhn. 12 no 5 15-49 S-O '65.

Heat exchange between refrigerator compressors and environment. V. B. Yakobson. Khol. tekhn. 12 no 5 23-28 S-O '65.

Testing lithium-bromide absorption type refrigeration plants. L. M. Rozenfeld and others. Khol. tekhn. 42 no 5 38-41 S-O '65.

REFRIGERATOR CARS

Development of the fleet of refrigerator cars. A. B. Seigeev, B. S. Levshin. Zhel. dor. transp. 47 no 10: 51-55 O '65.

Make a more efficient use of the fleet of refrigerator cars. V. F. Vasilashin. Shor. nauch. trud. LITZIT' no 216-150-154 '64.

REFRIGERATOR SHIPS

Analysis of the production work on fishing refrigerator ships. IU. L. Kotkov. Ryb. khoz. 41 no 8 72-75 '65.

Refrigerator ship with block type refrigerating units. IU. V. Zakharov, F. Kravtsov. Khol. tekhn. 42 no 5 20-33 S-O '65.

Seminar on refrigerator ship equipment. Khol. tekhn. 42 no 5 72 S-O '65.

REFRIGERATOR SHIPS—HEATING AND VENTILATION

Excessive heat emission and the ventilation of the refrigerator rooms on fishing boats. V. A. Barata. Trudy LITV no 60: 12-15 '64.

REFRIGERATORS

Gural'nik, M. I. [Mechanization of loading and unloading operations in refrigerators] Mekhanizatsiya pogruzochno-razgruzochnykh rabot na kholodil'nikakh. Moskva, Pishchevaia promyshlennost', 1965. 138 p.

REFUGEES, UKRAINIAN

Pylypchuk, Marharyia. [How the past was fading; recollections] Tak buvtylos' mynule, spohady. Bound Brook, N. J., 1966. 95 p. (NSYU)

[Warmth of the native land] Teplo bat'kiv's'koï zemli. Kyiv, Tovarysivo Pul'tun'nykh zv'iazkiv z ukrainskamy za koi donom URSS, 1965. 83 p.

REFUSE AND REFUSE DISPOSAL

Improved methods of decontaminating municipal solid refuse. V. G. Mens. Shor. nauch. trud. RNIi AKKH no 2 61-61 '63.

Planned system of municipal refuse disposal. P. E. Bogomazov. Shor. nauch. trud. RNIi AKKH no 2: 50-60 '63.

Using chemobacteriological methods for decontaminating and processing refuse. IU. G. Novoderzhkina, V. N. Smirnova. Shor. nauch. trud. RNIi AKKH no 2: 68-75 '63.

REGENERATION (BIOLOGY)

Completeness of separation in the regeneration of the skin in rats. E. A. Efimov. Biol. eksp. biol. i med. 60 no 9 102-106 S '65.

Cytochemical reaction of an epithelial regenerate to adrenalectomy combined with various hormones. A. I. Bukhonova. Nauch. dokl. vys. shkoly, biol. nauk. no 4: 81-85 '65.

Distribution of nucleic acids in regenerating skeletal muscle tissue during postembryonic development of rats. N. N. Dampel'. Arkh. anat., gist. i embr. 49 no 7 65-69. Ji '65.

Effect of adrencortical hormones of the hypophysis (ACTH) on the posttraumatic regeneration of the skeletal muscle tissue. T. M. Kovalenko. Arkh. anat., gist. i embr. 49 no 7 36-42. Ji '65.

Effect of imatin and novolmatin on the regeneration of soft tissues in experiment. P. S. Volosovets', Miki o biol. zhur. 27 no 5 71-77 '65.

Effect of "raumin" on the regeneration of bones and alkaline phosphatase of the blood in fractures of the tubular bones in an experiment. A. Sh. Shakirov. Ortop., travm. i protoz. 26 no 5 24-27. My '65.

Effect of repeated experimental aspiration of bone marrow on the organism of the donor. R. I. Naidenova. Gemat. i perel. krovi. 1 108-109 '65.

Experimental data on regenerative processes in the cerebral cortex of rats and cats. I. A. M. Soskin. Arkh. anat., gist. i embr. 49 no 7 75-82. Ji '65.

Innervation of the myocardium following its stimulated regeneration. E. V. Gusareva. Dokl. AN SSSR. 164: 1180-1183 O '65.

Regeneration of hemopoiesis in donors following the aspiration of various amounts of bone marrow experimentally and clinically. T. L. Laduna. Gemat. i perel. krovi. 1 103-107 '65.

Regeneration of peripheral nerve trunks following whole-body and local X-ray irradiation. N. K. Akhmedov. Urb. biol. zhur. 9 no 5 78 '65.

Regeneration of the tubular epithelium of the kidneys in necrotic and hydronephrosis. N. P. Kan'ahina, B. P. Darovskii. Arkh. pat. 27 no 8 66-69 '65.

Reparative process under the combined effect of somatotropin and prednisolone. A. I. Bukhonova. Dokl. AN SSSR. 165 no 1 245-248 N '65.

Some data on regeneration in the leaf cuttings of Hyacinthus orientalis L. and Scilla sibirica Andr. L. J. J. v. bulg. Bot. zhurn. 50 no 9 1305-1307 S '65.

Stimulation of regeneration of the heart muscle in diaphragmatic myocardiitis. L. V. Polezhnev, S. P. Kolchin, G. N. Solntseva. Dokl. AN SSSR. 161 no 4 818-822 O '65.

Stimulation of the restorative processes by the method of trypsin and calcium chloride treatment of the surgical wound following amputation of external organs in mammals. V. P. Kudakovtsev, V. A. Kuntsevich. Biol. eksp. biol. i med. 60 no 9 108-109 S '65.

Tryptophan pyrrolase activity in regenerating liver cells. V. M. Bresler and others. TSitologiya. 7 no 3: 127-131. My-je '65.

Volkovich, A. A. [Restorative processes and hormones] Vostanovitel'nye protsessy i gormony. [Leningrad] Meditsina, 1965. 250 p.

REGIONAL PLANNING see subdivision under Siberia

REINDEER see subdivision under Taymyr Peninsula

REINDEER—PARASITES see Parasites—Reindeer

REINFORCED CONCRETE

Study of reinforced concrete properties by the ultrasonic pulse method. S. N. Korotkov, E. S. Koskin. Bet. i zhel. bet. 11 no 10: 35-38 O '65.

Ural'skii gosudarstvennyi nauchno-issledovatel'skii institut sbornik zhelezobetonnykh i zdani i konstruktsii. [Reinforced concrete and reinforced-concrete elements] Zhelezobeton i zhelezobetonnye konstruktsii; sbornik trudov. Pod red. A. B. Golysheva, Chelabinsk, 1965. 107 p.

REINFORCED CONCRETE—CURING see subdivision under Tashkent

REINFORCED CONCRETE CONSTRUCTION

Erecting reinforced concrete granulating towers. E. P. Lavygin. Stroitel'stvo, 6 no 1: 5-9. Ja '65.

REMOTE CONTROL (Continued)

Dispatch control of urban bus traffic. Kh. Kvitko, M. P. Vin, L. Podolnaya. *Avi. transp.* 13 no. 10 16-17 O '65.

Thin, V. A. [Remote control and its use in the national economy] *Telemekhanika i ee primeneniye v narodnom khozaystve* Moskva, Nauka, 1965 148 p. (Nauka popularizatsiya series).

Interference rejection in the transmission of remote control signals with group distribution and alternating quality codes. B. I. Sklyar. *Avtomatika* 10 no. 1 65-71 '65.

The K-100 light drill rig operated by remote control, N. P. Zinchevskii and others. *Gor. zhur.* no. 8-35 '65.

Operation of a phase-sensitive keying circuit with capacitive load in selection networks. A. M. Luchuk. *Avtomatika* 10 no. 4 60-61 '65.

Remote control of fans and heaters in the Severomorsk barge mines. A. N. Rodin, I. M. Dobrynin. *Gor. zhur.* no. 8-43-47 '65.

Remote control of "Lenar" lenses in filming animated pictures. E. V. Kasandrov, V. I. Slivkov. *Tekhn. kino i telev.* 9 no. 11-45-48 N '65.

Remote control of the voltage of 150-500 converters. G. I. Fystrator, G. I. Buhov. *Sov. prodv.* no. 10, 37 O '65.

Remote control system for limited conductor lines of centralized traffic control in underground mines. G. M. Dikh-Melamed, S. F. Filippov. *Gor. zhur.* no. 8-50-52 Ag '65.

Remote control system for the 25kV-type mine electric locomotive. P. G. Zupichuk. *Gor. zhur.* no. 8-56-58 '65.

System of remote and centralized control of telephone cables. A. G. Kovalevskii, N. P. Trefilov. *Gor. zhur.* no. 8-59-62 '65.

Unit for the remote control of fuel-distribution pumps. P. V. Filippov. *Transp. i kha. naft. i nefteprod.* no. 5 18-20 '65.

REMOTE CONTROL—ABSTRACTS

[Automatic control, remote control, and computer technology] *Ref zhur.: Avtom., telemekhanika i tekhn.* nos 10-11 O-N '65.

REMOVAL AND DISPOSAL OF DEAD ANIMALS

Dead animals, Removal and disposal of

RENAL HYPERTENSION

Statistical data on the problem of asymptomatic renal (urological) hypertension. A. N. Chighinskii. *Kardiologiya* no. 3 31-36 '65.

RENAL INSUFFICIENCY

Acute renal failure caused by prehypertensive poisoning. L. S. Bulgakova. *Urologiya* 29 no. 3 56-58 My-Ju '65.

RENT

It is necessary to be more strict. M. Bakharin. *Zh. i. ekonom.* no. 16 no. 8 21-23 '65.

REPETEK DESERT PRESERVE—BIRDS

Composition of spring ornithofauna in Repetek. N. N. Brzdov. *Ornitologiya* no. 7 166-169 '65.

REPRODUCTION

Reproduction of mammals in the sandy desert of the Kairuam. I. U. P. Spodchenov. *Zool. zhur.* 11 no. 6 896-901 '65.

Reproduction of the Caucasian black grouse *Lyrurus tokoskovi*. A. I. Khamenev, F. A. Aslanbekova. *Izv. AN Arzb. SSR. Ser. biol. nauk* no. 3 59-64 '65.

Reproduction of the lesser pika *Ochotona pusilla* Pall. I. G. Shubin. *Zool. zhur.* 41 no. 8 917-924 '65.

REPTILES—CONGRESSES

A conference on herpetology. O. P. Bogdanov. *Uzb. biol. zhur.* 9 no. 4 73-74 '65.

REAZURIN

Reazurin and its use in the dairy industry. I. P. Komkov and others. *Trudy VNIIS* 24-12-19 '64.

RESEARCH

(see also subdivision under India)

Results of the Third All-Union Public Review of the Fulfillment of Scientific Research Plans and Use of Scientific and Technical Innovations in the National Economy in 1961. *Dokl. sta.* 36 no. 10-17 O '65.

RESEARCH, INDUSTRIAL

(see also subdivision under Azerbaijan)

Experiments, search, findings. *Agitator* 33 no. 10-19-44 My '65.

Provide for tight links between science, life and production. S. Z. Mandel'. *Trudy LII* no. 11-3-11 '64.

RESERVOIR SEDIMENTATION

(see subdivision under Cordy Reservoir, Moldavia)

RESERVOIRS

(see also subdivision under Moklaya, Ob' Valley)

At the conference on the overall utilization of reservoirs. I. B. Rusinov. *Gidr. i mel.* 17 no. 9 57-60 S '65.

Avifauna of water reservoirs. V. V. Stakhovskii. *Ornitologiya* no. 7 488 '65.

Calculating the spectral albedo of deep water basins. S. G. Silinav. *Uch. zap. LGU* no. 328 72-82 '65.

Calculation of a reinforced bottom joined to reservoirs. I. A. Plakhotin. *Stroitel. mekh. i mash. stroit.* 7 no. 5 12-18 '65.

Experience in the hydrological and hydrochemical investigations of a reservoir. L. A. Bystrav. *Trudy VODGEO* no. 10 68-99 '64.

Landform studies in regions subjected to the influence of reservoirs. B. N. Dzhonov. *Izv. AN SSSR. Ser. geog.* no. 5 50-61 S-O '65.

Reducing capital investments in building the reservoirs of large hydroelectric power stations. A. P. Borisov. *Trudy Lengidpromokta* no. 1 121-127 '61.

Sokolov, D. Ia. [Use of water power] *Ispol'zovanie vodnoi energii* Moskva, Kolos, 1965 415 p. (Uchebnye i uchebnye posobie dlia vysshikh selskokhozyaystvennykh uchebnykh zavvedenii).

RESERVOIRS—MICROBIOLOGY

(see subdivision under Moldavia)

RESHETNIKOV, LEONID V.

On the giant sand. V. Odinev. *Sov. voen.* 16 no. 17 9 Ag '61.

RESINS, SYNTHETIC

Accelerating the formation of the structure of stucco coating of a cold asphalt mastic by adding in an-formaldehyde resin. B. N. Orlov. *Izv. VNIIG* 76:346-350 '64.

Deep soil stabilization by urea formaldehyde resin. I. V. Igrov. *Gos. fund. i mekh. gorn.* 7 no. 5 1-3 '65.

Pelagographic analysis of the products of thermal oxidative degradation of polyester resins based on maleic and chloroanhydrides and ethylene glycol. E. G. Ginzberg, F. I. Chibisova, B. M. Kovarskaya. *Plast. massy* no. 10 12-14 '65.

Reibman, A. I. [New paint materials] *Novye lakokrasochnye materialy*. Leningrad, 1965 35 p. (Leningradskii dom nauchno-tekhnicheskoi popugandy. Seriya Zashchitnye i dekorativnye pokrytiya).

RESISTANCE TO HERBICIDES

Reaction of fiber flax varieties to the action of herbicides. V. N. Kleshkov, N. P. Ulianov, Dokl. Akad. nauch., *stok.* no. 8 13-17 S '65.

Resistance of diploid, triploid, and tetraploid sugar beets to herbicides. A. V. Voevodin, Zh. V. Pupova, Khim. v sel'khoz. 3 no. 9 47-51 S '65.

RESISTANCE TO INSECTICIDES

Adjustment of spider mites to mercaptophos in a cotton field. N. A. Ivanova, V. G. Kozlov. *Trudy VIZR* no. 20 pt. 1 12-17 '64.

RESPIRATION

Characteristics of studies on gas exchange in varied atmosphere. N. A. Agadzhanian, I. B. Kalinichenko. *Fiziol. zhur.* 51 no. 7 793-798 '65.

Diurnal dynamics of the pulse rate and maximal suppression of respiration in different seasons. B. A. Zaitkov, *Nek. vop. khim. i kraev. pat.* no. 3 57-59 '63.

Gas exchange in the developing chick embryo under normal conditions and following X-ray irradiation. N. N. Parikhidzade. *Stok. AN Gruz. SSR* 10 no. 1 207-211 Ji '65.

Respiration of cadaverous skin preserved under low temperatures. I. V. Zakharova, G. V. Deriz. *Vop. med. khim.* 11 no. 2 24-26 M-Ap '65.

RESPIRATORY ORGANS—DISEASES

Aerosol method for disinfecting poultry houses in case of lungotracheitis with the birds present in the house and after their removal. A. A. Zakomyidin. *Trudy VNIIS* 21:184-188 '65.

Paradoxical mitigation of toxic influenza manifestations under the influence of a mild course of a staphylococcal infection of the respiratory tracts. V. E. Filarevskii and others. *Vop. virus* 10 no. 2 181-187 M-Ap '65.

RESPIRATORY ORGANS—FISHES

Adaptation of carp and rainbow trout to a varying oxygen content in water. S. V. Sirel'skaya. *Izv. GosNIORKII* 58:17-26 '64.

Metabolism of respiration of young *Coregonus nasus* (Pallas) and its relation to temperature and the oxygen and carbon dioxide content in water. V. V. Chernikova. *Izv. GosNIORKII* 58:117-122 '64.

Respiration of lamprey in water and its survival in a moist atmosphere. N. V. Koroleva. *Izv. GosNIORKII* 58:189-190 '64.

Respiratory coefficient in fishes. T. L. Privol'nev. *Izv. GosNIORKII* 58:123-127 '64.

RESPONSIBILITY

Personally responsible. M. Zaitkov. *Komm. Vostok* 51 no. 12 90-91 K '65.

Problems of political and moral responsibility. B. S. Monchovskii. *Sov. gos. i pravo* 35 no. 10 51-57 O '65.

REST

Krivakala, E. I. [Know how to work and know how to rest] *Umet i udil'stia - umet otdykh*. Moskva, Meditsina, 1965. 47 p. (Biblioteka shkol'nika) (DNLM).

RESTAURANT MANAGEMENT

Kocherga, A. I., Ja. S. Stoklov, and B. G. Lazarev. [Planning the economic activities of public food service enterprises] *Planirovaniye khozyaystvennoi deiatel'nosti predpriyatiy obshchestvennogo pitaniya*. Moskva, Ekonomika, 1964 231 p. (CU).

RESTAURANTS, LUNCHROOMS, ETC.

Coffeehouse for youth. N. Stal'tova, V. Mikhailova. *Sov. poteb. koop.* 9 no. 10 20-21 '65.

New equipment for the public food service. *Sov. poteb. koop.* 9 no. 10 60 '65.

RESUSCITATION

Activities of the resuscitation center at the laboratory of anesthesiology. T. M. Dzhabin, M. Ia. Avramskii, *Voen.-med. zhur.* no. 1 46-51 '65.

Basic results of S. S. Zhukhomov's artificial blood circulation and its recent variations in experimental resuscitation of a dead organism. M. P. Adamenko. *Fiziol. zhur.* [Ukr.] 11 no. 4 176-175 Ji-Ag '65.

Duration limits of reversible clinical death in some hibernating and nonhibernating animals at the body temperature of 0° and the possibility of an artificial prolongation of this state. R. Andrus, N. Khochik. *Biulet. ekol. i med.* 60 no. 9 36-42 S '65.

Organization of a resuscitation service in a district hospital. L. L. Leinev. *Klin. khir.* no. 2 75 '65.

RETAIL TRADE

(see also subdivision under Cherkassy, Ulyanovsk Province; Gulyakaya, Krasnodar Territory)

Sale of dishes and housewares. A. Krasovaya. *Sov. poteb. koop.* 9 no. 10 10-11 '65.

[Trade abroad] *Torg. za rub.* no. 10 O '65.

RETAIL TRADE—EQUIPMENT AND SUPPLIES

Istkovskii, A. A. [Economic problems of the automation of Soviet trade] *Ekonomicheskie problemy avtomatizatsii sovetskoi torgovli* [Leningrad] *Izv. Voenlogr. univ.* 1965. 122 p.

RETAIL TRADE—FINANCE

(see subdivision under Moscow)

RETAIL TRADE—MANAGEMENT

Use all potentialities. *Sov. torg.* 30 no. 10 1-1 O '65.

RETAIL TRADE—MECHANIZATION

Determining the level of the mechanization of the retail trade in a store. V. Chuplev, I. Shalman. *Sov. torg.* 39 no. 10 47-50 O '65.

RETICULOENDOTHELIAL SYSTEM

Splenic cellular pathways. I. K. Fedotkin. *Trudy Inst. Biol. AN Gruz. SSR* 14:231-234 '65.

RETINA

Morphological and cytochemical characteristics of the cells of the retina and visual cortex during the early postnatal period of the opening of the animal's eyes. I. K. Svandev. *Trudy Inst. Biol. AN Gruz. SSR* 14 100-211 '65.

RETROPERITONEAL SPACE—TUMORS

Giant retroperitoneal gangliocarcinoma. B. P. Davovskii. *Atkh. pat.* 27 no. 10 79-81 '65.

REVOLUTIONISTS

(see subdivision under Kiev)

REVOLUTIONS

Further development of Lenin's theory of socialist revolution by the Socialist United Party of Germany. A. V. Tarasov. *Ukr. ist. zhur.* 8 no. 3 84-85 My-Ju '64.

Lenin's theory of socialist revolution and the present times. N. V. Trofimov. *Vop. ist. KPSS* 9 no. 11 83-103 N '65.

REZEKNE (LATVIA)—RURAL CONSTRUCTION

Work experience of the Rezekne movable task force
S. V. Vologdin. *Bul. stroy. tekhn.* 27 no. 9:21-26 S
'65

RH FACTOR

Immunologic reaction in Rhesus isodimmunization. A. M. Kozlov. *Vopr. i gign.* no. 2:27-30 '65
Isodimmunization to leucocytes in pregnancy. Kh. V. Simichuk, E. M. Vent'sak. *Probl. gemat. i perel. krovi* no. 3:21-24 '65

Obtaining of large quantities of anti-Rhesus serum. V. A. Pozdnyakov, N. S. Palina. *Probl. gemat. i perel. krovi* no. 3:12-11 '65

Obtaining of large quantities of universal anti-Rhesus serum by using various colloidal diluents. Report No. 2. A. A. Ashkenazi. *Probl. gemat. i perel. krovi* no. 3:24-30 '65

RHENIUM—METALLURGY

Rhenium cementation from alkali solutions. K. B. Lubet. T. D. Gerasimova, V. T. Vlas'eva. *Trudy Inst. metal. i obog.* AN BSSR 12:166-175 '65

RHENIUM ALLOYS

Electronic structure, chemical bond, and physical properties of rhenium disulfide and its alloys. V. S. Mushpor, G. V. Samsonov. *Izv. AN SSSR. Neorg. mat.* 1 no. 5:655-662 Mj '65

Savitskiy, E. M., M. A. Tytkina, and K. B. Povarovs. [Rhenium alloys] *Spilvay rolnia*. Moskva, Nauka, 1965. 334 p.

RHENIUM OXIDES

Vapor composition over rhenium oxides. G. A. Semenov, K. V. Orshinnikov. *Zhur. ob. khim.* 35 no. 9:1517-1521 S '65

RHEOLOGY

Mechanical properties of polyformaldehyde. F. A. Akhmedov, M. A. Koltunov. *Plast. massy* no. 10:28-30 '65
Rheology of polymers. Elastic strength and viscous properties of polystyrene in a molten state. G. V. Vinogradov, I. M. Belkin. *Koll. zhur.* 27 no. 5:668-673 S-O '65

Study of structural and rheological properties of water-soluble cellulose ethers in various degrees of polymerization. M. Kh. Iluzman, H. S. Bashura, I. B. Levits'ka. *Farmatev. zhur.* 20 no. 1:26-28 '65
Temperature-time superposition of flow curves as a method for expanding the experimental possibilities in testing the rheological properties of rubber and rubber compounds. R. V. Torner, L. F. Gudkova. *Kauch. i rez.* 24 no. 10:37-39 '65

RHEUMATIC FEVER

(see also subdivision under Uzbekistan)

Changes in the electrocardiogram in rheumatic fever. Kh. I. Anisbaeva. *Sbor. nauch. trud. TashGMI* 22:51-59 '62

Significance of immunological studies and some biochemical reactions in pediatric rheumatism. G. G. Shan'io. *Dokl. AN BSSR* 9 no. 1:61-64 Ja '65

State of the vegetative nervous system in true rheumatic fever and infectious polyarthritis. O. K. Kuznetsova. *Sbor. nauch. trud. TashGMI* 22:60-65 '62

RHEUMATIC HEART DISEASE

Cardiac contractions in hypertensive and rheumatic patients. N. A. Kuzhakov, S. A. Kirillov, A. A. Sel'dovkina. *Kardiologiya* no. 3:12-18 '65

Changes in the oxidation-reduction processes in recurrent rheumatic endocarditis. M. S. Rozhkova. *Sbor. nauch. trud. TashGMI* 22:44-50 '62

Phonocardiographic data on the 3rd and 4th cardiac sound in rheumatic carditis. N. A. Abramova. *Sov. med.* 28 no. 3:130-136 Mr '65

Physical training of students with rheumatic heart disease. A. N. Finkel'shteyn and others. *Teor. i prakt. fiz. kult.* 28 no. 9:30-32 S '65

Significance of electrophoretic study of blood protein fraction for detecting the activity of the rheumatic process in pregnant women with heart defects. O. M. Levantovskaya, V. A. Spasskaya, Akush. i gign. no. 1:137-139 '65

Systemization of the elastolytic changes in the pulmonary vessels and the histogenesis of elastogranuloma in rheumatic heart defects. P. A. Samokhin. *Ark. pat.* 27 no. 10:38-44 '65

RHEUMATISM

Struggle against rheumatism is a joint task. G. Povolotskaya. *Okhr. truda i sots. strakh.* 8 no. 11:27 N '65

RHEUMATOID ARTHRITIS

see Arthritis, Rheumatoid

RHIZOSPHERE MICROBIOLOGY

(see also subdivision under Bulgaria; Polesye)

Actinomyces of the root system of the apple tree. E. T. Litovchenko, L. D. Kaluzhina, I. G. Kozhukhar'. *Mikrobiologiya* 34 no. 5:876-882 S-O '65

Effect of fertilizers on the microflora of the corn rhizosphere. V. M. Chykanava. *Vesti AN BSSR. Ser. sel'sk. hosp. nav.* no. 3:57-63 '65

Microflora of hydroponic cucumber culture. S. A. Samtselich, E. I. Ulasovich. *Mikrobiologiya* 31 no. 4:707-711 JI-ig '65

Role of root excretion in the nutrition of woody plants. A. I. Akhromenko. *Agr. khim. i mel.* no. 10:82-92 O '65

RHODESIA—POLITICS AND GOVERNMENT

African tragedy. Nov. vrem. 23 no. 17:12-13 N '65

Poul play. N. Mekhov. *Nov. vrem.* 23 no. 11:15-16 O '65

Plot against Africa. *IU. Bozhkarev. Nov. vrem.* 23 no. 16:5-7 N '65

RHUBARB

Methods for quantitative determination of anthracene derivatives in the roots of rhubarb. A. S. Romanova, A. I. Bani'ovskii. *Apt. delo* 14 no. 1:74-78 Ja-F '65

RIADNINA, ULIANA IVANOVNA, 1903-1965

Uliana Ivanovna Riadnina; an obituary. *Ukr. ist. zhur.* 9 no. 8:154-155 Ag '65

RIBOFLAVIN METABOLISM

Vitamin B₂ (riboflavin) metabolism in epidemic hepatitis in children. M. T. Tunapov. *Sbor. nauch. trud. TashGMI* 22:276-283 '62

RIBONUCLEASE

Acid-alkali function of ribonuclease and the determination of ribonuclease activity by conductometric titration. I. A. Dushstein. *Russk. khim.* 30 no. 5:96-1-96-9 S-O '65

RICE

(see also subdivision under Golodnaya Steppe)

Development of vegetative and generative parts of the spikelet of rice (*Oryza sativa* L.). N. V. Baltsev. *Ukr. bot. zhur.* 22 no. 5:51-58 '65

Far Eastern rice in the shallows of bodies of water. S. S. Stokharov. *Zemledelie* 27 no. 11:19-51 N '65

RICE—DISEASES AND PESTS

Rice blast. A. Petrova. *Zashch. rast. ot vred. i bol.* 10 no. 7:34-37 '65

RICE—FERTILIZERS AND MANURES

Nitrogen and amino acid content in rice leaves under the influence of abundant fertilization with ammonium sulfate. G. Palfi. *Fiziol. rast.* 12 no. 3:398-404 My-Je '65

RICE—IRRIGATION

Practices in rice growing on advanced farms; based on the materials of the Exhibition of Achievements of the National Economy of the U. S. S. R. L. A. Kiyavets. *Gidr. i mel.* 17 no. 8:1-10 Ag '65

Quantitative characteristics of the relief in leveling land for rice. V. B. Zaitsev. *Gidr. i mel.* 17 no. 10:20-24 O '65

RICE—WATER REQUIREMENTS

see subdivision under Ukraine

RICKETS

Course of pneumonia in very young children with rickets and the variability of alkaline phosphatase. O. F. Ignatova. *Sbor. nauch. trud. TashGMI* 22:131-139 '62

RICKETTSIA—CULTURES AND CULTURE MEDIA

Isolation of the agent of tick-borne exanthematous typhus (*Dermacentrosus sibiricus*) from the organs of murine rodents in the cultures of kidney cells of the human embryo. G. P. Somov, R. A. Slonova. *Vop. virus.* 10 no. 2:229-232 Mr-Apr '65

RICKETTSIAL DISEASES

Problems of virology at the 14th All-Union Congress of Microbiologists, Epidemiologists and Specialists in Infectious Diseases. A. I. Danilov, N. N. Nosik, G. K. Zaitov. *Vop. virus.* 10 no. 2:240-253 Mr-Apr '65

Rickettsial keratoconjunctivitis in cattle. A. F. Rusinov. *Veterinariia* 42 no. 10:20-31 O '65

RIDDLES, RUSSIAN

Riddles and their role in working with children. S. A. Chervakovskii. *Uch. zap. GGI* no. 36:120-136 '61

RIGA—BOOKSELLERS AND BOOKSELLING

In the main store. K. T. Sipe. *Knizh. torg.* 16 no. 4:16 Ap '65

RIGA—RAILROADS—STATIONS

New terminal stand passenger service. *Zhel. dor. transp.* 47 no. 10:79-81 O '65

RIGGING

see Masts and rigging

RING COMPOUNDS

see Cyclic compounds

RING FORMATION (CHEMISTRY)

Carbocyclization of 2, 3, 4-tri-O-methyl-1, 6-anhydroglucopyranose by the action of metallic sodium in pyridine medium. G. V. Davydova, N. N. Shorygina, A. V. Losanova. *Izv. AN SSSR. Ser. khim.* no. 10:1870-1872 '65

RINGS (ALGEBRA)

Cohn rings. I. A. Stokharov. *Aig. i log.* 4 no. 3:5-30 '65

Countably normalized semiordeered rings. G. A. Iosadskii. *Sib. mat. zhur.* 6 no. 4:86-88 JI Ag '65

Injectivity and freedom. T. S. Tol'skaya. *Sib. mat. zhur.* 6 no. 5:1202-1207 S-O '65

Nonsingular dimensional rings. E. P. Elizarov. *Sib. mat. zhur.* 6 no. 5:1181-1184 S-O '64

Note on orders with a cyclic index. Z. I. Ilievskii. *Dokl. Akad. Nauk SSSR* 161 no. 1:72-73 O '65

Semisimplicity of cross products. A. E. Zaitsevskii. *Sib. mat. zhur.* 6 no. 5:1009-1013 S-O '65

Some properties of modules. A. V. Sychev. *Sib. mat. zhur.* 6 no. 5:1108-1119 S-O '65

Valuations in groups and rings. Shama Prasad

Randopadilla. *Sib. mat. zhur.* 6 no. 5:1176-1180 S-O '65

RISERS (FOUNDING)

Feeding castings with high-strength iron. A. A. Khryuzov, V. I. Bedarev, B. M. Bazhenov. *Lit. prosvet.* no. 9:10 S '64

Risers with exothermic heating for aluminum alloy castings. B. A. Goleubov, M. V. Shatrov. *Trudy MATI* no. 63:62-65 '65

RISTOCETINS

Separation of various components of ristocetin by the gel-filtration method through G-25 Sephadex or by potentiometric titration. G. V. Samsonov, I. D. Fikhtengolts. *Antibiotiki* no. 3:217-219 N '65

RIVERS

(see also subdivision under Georgia; Moldavia)

Effect of steam aeration on the depth of local erosion. M. S. Vyrgoz, A. Rukh'ev. *Izv. AN BSSR. Ser. fiz. i khim.* 9 no. 4:37-60 '65

Experimental studies of some principles of current motion in erosion and of a velocity rate nonuniformity for loose soils. T. A. Ansholadze. *Soch. AN Gruz.* 1963 no. 3:55-659 S '65

RIVERS—TEMPERATURE

see subdivision under Caucasus; Northern

ROACH (FISH)

see subdivision under Kyzyl-Agikh

Preserve, Varvara Reservoir

ROAD CONSTRUCTION

(see also subdivision under Archangel Province;

Tyumen' Province)

Bozuyuk, V. M. [Soil stabilization] *Ukspenit. granitov.* Moskva, Transport, 1965. 339 p.

Public inspection of the quality of road construction. *Avt. dor.* 20 no. 9:33 S '65

Using hydrophobic films in laying pavements. M. I. P. I. salimskaya. *Avt. dor.* 20 no. 9:17-19 S '65

ROAD MACHINERY

The D-538 bucket loader. N. A. Ul'ianov, N. P. Atyga. V. A. Baisenkova. *Stroitel. mash.* 10 no. 10:15-17 O '65

Foreign machinery for the construction of bituminous roads. A. U. Goldshel'm, B. S. Mayshnev, M. I. V. I. man. *Stroitel. mash.* 10 no. 9:13-15 S '65

List of road machines manufactured in 1964 by the construction and road machinery plants. *Stroitel. mash.* 10 no. 10:6-8 O '65

Mechanized road laying of semi-finished. V. M. Khaitonov. *Sov. prosvet.* no. 10:46-17 O '65

Simple cement distributor. V. S. Afanogenov, V. P. A. zonov. *Avt. dor.* 28 no. 8:21 S '65

ROAD MACHINERY—ABSTRACTS

[Construction equipment and road machinery] *Ref. zhur. Stroitel. mash.* no. 10:11 O-N '65. Periodically ukazatel' za 1964 g., publ. 1965.

ROAD MACHINERY—MAINTENANCE AND REPAIR

Makrushin, A. Ia. [Improving the quality of the repair of construction equipment and road machinery] *Povyshenie kachestva remonta stroitel'nykh i dorozhnykh mashin*. Leningrad, 1965. 24 p. (Leningradskii nauchno-tekhnicheskii prikladnyy. Proizvodstvo i opyt. Seriya Stroitel'no-proizvodstvo)

ROAD MACHINERY INDUSTRY

Prospects for the production and exportation of construction and road equipment. V. Rostol'skii. *Vopr. torg.* 45 no. 10:17-19 '65

ROAD ROLLERS

Tires for static-action rollers. N. A. Ostrovskiy. *Stroitel. mash.* 10 no. 9:21-24 S '65

ROADS

(see also subdivision under Andizhan Province;

Moscow)

Designing pedestrians' walks and transportation routes for a microdistrict. E. Keller. *Zh. stroy. i arh.* 6:9-11 '65

ROADS—ABSTRACTS

[Highways] Ref. zhur. Avt. dor. nos. 10-11 O-N '65.

ROADS—FROST DAMAGE

Earth loaded in regions with a formation of ice coverings on roads. L. Churina, A. Chukhovich, Avt. dor. 28 no. 9-12 S '65.

ROADS—MAINTENANCE AND REPAIR

Continuous attention to the maintenance of roads. B. Pevzner, Avt. dor. 28 no. 9-12 S '65.

Improve the maintenance and repair of roads. Avt. dor. 28 no. 9-12 S '65.

Metal brooms should be replaced. V. I. Azarko, Avt. dor. 28 no. 9-12 S '65.

Russia (1917- R. S. F. S. R.) Ministerstvo avtomobil'nogo transporta i shosseinykh dorog. [Technical specifications for the maintenance and repair of automobile roads] Tekhnicheskie pravila soderzhanija i remonta avtomobil'nykh dorog (VSN 22-63) Izd. 2., perer. i dop. Moskva, Transport, 1965. 264 p.

ROADS—SNOW PROTECTION AND REMOVAL

(see also subdivision under Moscow Province)

Let us discuss. I. Balandin, Avt. dor. 28 no. 9-12 S '65.

ROADSIDE IMPROVEMENT

How machines for roadside tree planting. V. Soldatenkov, Avt. dor. 28 no. 9-12 S '65.

Principles of landscape gardening in roadside planting. T. G. Gizenko, Avt. dor. 28 no. 9-12 S '65.

ROBBER FLIES see subdivision under Mangyshlak Peninsula, Soviet Central Asia

ROCK DRILLS

Use and service life of rock drills. P. S. Khutornol, Gor. zhur. no. 8-11 Ag '65.

ROCK DRILLS—DESIGN AND CONSTRUCTION

The K-100 light drill rig operated by remote control. N. P. Zinchevskii and others. Gor. zhur. no. 8-11 Ag '65.

ROCK DRILLS—PNEUMATIC DRIVE

Use of heavy percussive machinery. A. I. Fedulov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 1-3-59 '65.

ROCK PRESSURE

Computation of slopes in deep open pits. A. M. Demin, V. A. Antonov Nauch. izv. IG 24:104-103 '65.

Determining the amount of rock pressure on supports in the face area depending on its width and time length of supporting. I. N. Bakhtushin Izv. vys. ucheb. zav., tsvet. met. 8 no. 5-12-16 '65.

Modification of rheological properties in the massif during advancing stoping operations in steeply pitching veins. T. I. Gorbachev, G. I. Gritskov, B. V. Vlasenko, Fiz.-tekhn. probl. razrab. pol. iskop. no. 1-13-16 '65.

Mining of ebbles overlying inclined hard headings and lateral workings. M. P. Zborshchik and others. Ugol'nik. 9 no. 10-9-12 O '65.

Protection of development workings in the mines of the Ivoy-Volyn' Basin. V. L. Oreshkin Ugol' Ukr. 9 no. 10-12-16 O '65.

Studying the manifestation of rock pressure in unstable rocks of the Khankomasky complex ore deposit. M. A. Tikhov, Izv. vys. ucheb. zav., tsvet. met. 8 no. 5-7-11 '65.

Use of models in studying the interaction of the top covering of powered supports with the roof rocks. G. A. Katkov, V. E. Tumbachev. Fiz.-tekhn. probl. razrab. pol. iskop. no. 1-25-31 '65.

ROCK PRESSURE—CONGRESSES

Conference on rock pressure held at the Scientific Council on Physical and Technical Problems in Mining. A. A. Orlov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 1-22-03 '65.

Plenary session of the central commission on rock pressure. Fiz.-tekhn. probl. razrab. pol. iskop. no. 1-20-01 '65.

ROCK PRESSURE—MEASUREMENT

Parameters of mining systems with caving of deep level superposed rocks. I. D. Rivkin, V. P. Polshchenko, L. R. Malinin, Gor. zhur. no. 8-15-21 Ag '65.

ROCK PRESSURE—MODELS

Applying the modeling method in studying the reactive rock pressure on a circular tunnel lining. A. A. Bogorodetskii. Sbor. trud. LIZHT no. 202:44-53 '63. Selecting the equivalent materials for the modeling of the new type stations of the Leningrad subway. A. K. Popravko. Sbor. trud. LIZHT no. 202:34-38 '63.

ROCK WOOL see Mineral wool

ROCKET ENGINES—ABSTRACTS

[Aircraft and rocket engines] Ref. zhur. Avt. rak. dvig. no. 10 O '65.

ROCKET RESEARCH

At the sources of Soviet rocket construction. G. V. Petrevich. Vest. AN SSSR 35 no. 10:69-78 O '65.

ROCKETRY—ABSTRACTS

[Rocket building] Ref. zhur. Raketostr. nos. 10-11 O-N '65.

ROCKETS (AERONAUTICS)—MODELS

Rocket models of winners. N. Ukelov. Krayl. rod. 10 no. 6 Inert 7-8 Je '65.

ROCKETS (ORDNANCE)

Master of technical means. N. Belous. Voen. znan. 41 no. 10 8 O '65.

ROCKS

(see also subdivision under Ural Mountains)

Properties of rocks and the methods of examining and improving them in building large dams. A. M. Mazur. Gidr. stroi. 35 no. 6:43-50 Je '65.

ROCKS—ANALYSIS

Neutron activation determination of gold in rocks and meteorites. G. A. Perekhgin, I. P. Alimarin. Zhur. anal. khim. 20 no. 8:73-78 '65.

ROCKS—BIBLIOGRAPHY see Bibliography—Rocks

ROCKS—CRUSHING AND GRINDING

Efficient shape of superimposed explosive charges. A. G. Kisev. Izv. vys. ucheb. zav., tsvet. met. 8 no. 5-17-22 '65.

ROCKS—ELECTRIC PROPERTIES

Parkhomenko, E. I. [Electric properties of rocks] Elektricheskie svoystva gornykh porod. Moskva, Nauka, 1965. 163 p.

ROCKS—THERMAL PROPERTIES

Some reasons for a change in the mechanical properties of rocks in case of thermal action and subsequent cooling. V. M. Fokov, I. P. Melnikuk. Izv. vys. ucheb. zav., geol. i razv. 6 no. 5:134-139 My '65.

ROCKS, CARBONATE see subdivision under Uzbekistan

ROCKS, CRYSTALLINE AND METAMORPHIC see subdivision under Ladoga Lake region

ROCKS, IGNEOUS

(see also subdivision under Caucasus, Northern; Georgia, Kanchalka; Kara Kum, Karela, Kazakhstan; Kola Peninsula; Noril'sk region, Krasnoyarsk Territory, Pripet Valley; Siberian Platform, Taymyr Peninsula; Ural Mountains)

Difference between the intrusive and effusive facies of trap magmas. V. A. Fadeev, A. A. Kuznetsov. Uch. zap. NIIGA, Reg. geol. no. 3 87-94 '64.

ROCKS, IGNEOUS—ANALYSIS see subdivision under Noril'sk region (Krasnoyarsk Territory)

ROCKS, IGNEOUS—SPECTRA

Methods of determining certain minor elements in igneous rocks of the Dzherskaya ore complex. B. E. Roizman. Trudy KIMS no. 3:107-111 '63.

ROCKS, SEDIMENTARY

(see also subdivision under Ob' Valley)

Amount of displaced matter during a change in the grain size in connection with the secondary alterations of some sedimentary rocks. A. V. Kopelovich. Lit. i pol. iskop. no. 3:130-133 My-Je '65.

Different behavior of uranium and thorium in the course of the lithogenesis of variegated sediments. V. A. Kovalev. Dokl. AN BSSR 9 no. 8:537-540 Ag '65.

Intensity of deformations in mine workings depending upon conditions of accumulation and freezing of quaternary deposits. A. F. Zilberberg, G. F. Gvavla. Fiz.-tekhn. probl. razrab. pol. iskop. no. 1:20-24 '65.

ROCKS, SEDIMENTARY—CLASSIFICATION

Theory and practice of the lithofornational method. V. P. Kazarinov. Sov. geol. 6 no. 6:64-69 Ag '65.

RODENTICIDES

New raticides. A. A. Zolova. Trudy VNIIVS 24:356-361 '64.

RODENTS see subdivision under Kara Kum; Tatura Valley

RODENTS—EMBRYOLOGY see Embryology—Rodents

RODENTS—EXTERMINATION

(see also subdivision under Balkhash Lake region)

Chemicals for controlling marine rodents; a survey. Khim. v les. khoz. no. 1:22-23 '64.

Rats as a source of Histeriosis infection. I. U. A. Malakhov. Trudy VNIIVS 24:343-353 '64.

ROE DEER see subdivision under Moldavia

ROGOVIN, ZAKHAR ALEKSANDROVICH, 1905-

Zakhar Aleksandrovich Rogovin. Khim. volok. no. 5-7-0-80 '65.

ROLLER BEARINGS

Casting of roller bushings. V. L. Gribachev. Lit. prozv. no. 9:43-44 S '64.

Seminomantic device for assembling roller bearings. L. G. Gubin, G. I. Troshkov. Biol. tekhn. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 18 no. 1:20-21 S '65.

ROLLERS (EARTHWORK)

Vibration roller with mechanical drive. Stroi. i arkhitekt. Uzb. 6 no. 10-9 O '65.

ROLLING (METALWORK)

Calculating forces and moments acting on rolls in rolling gear wheels. A. D. Kuz'min. Vest. mashinost. 43 no. 7:13-17 Ji '65.

Determining optimum loads for sheet rolling. B. A. Vertel'm, A. A. Mikhailov, V. V. Chudinov. Vest. mashinost. 43 no. 9:70-78 S '65.

Experience in the use of the 58TS lubricant in the cold rolling of nonferrous metals on two-high mills. G. T. Ptashnik. TSvet. met. 38 no. 6:80-81 Je '65.

Flow rates and stresses in metals being rolled. A. I. Tseltkov, A. I. Kolpashnikov, A. N. Anufriev. Trudy MATI no. 82:87-82 '65.

Hot rolling of VT14 alloy pipe at temperatures in the Alpha and Beta region. A. I. Khorev. TSvet. met. 38 no. 6:63-65 Je '65.

Increasing the precision of cold rolling of UIOA steel. I. M. Voronin, G. P. Demchenko. Biol. tekhn. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 18 no. 9:5 S '65.

Investigating the system of thickness control of a strip entering a continuous cold rolling mill. B. N. Daisuk, L. G. Vinogradov, G. M. Chernogorodava. Sbor. at NII TIAZHMASHA Uralmashzavoda no. 7:3-50 '65.

Investigation of force parameters during hot rolling. O. I. Kachanik. Trudy MATI no. 82:91-100 '65.

Occurrence of brittleness in IKh21N5T steel plate. M. N. Kul'kova, N. I. Ignatova. Metalloved. i term. obr. met. no. 3:53-57 Mr '65.

Production of high-precision flattened steel strip for engine piston rings. I. K. Larinov. Avt. prom. 31 no. 6:37-39 Je '65.

Shneider, Yu. G. [Selecting a deformation pattern, a method, tool design and the conditions for the finishing operations in metal working by pressure] Vybor skhemy, metoda, konstruktivnykh instrumentov i ushima chislolov obabotki davleniem. Leningrad, 1965. 35 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Mekhanicheskaya obrabotka metallov)

Testing a measuring device for strip elongation on skin pass mills. A. P. Vlasov. Sbor. at NII TIAZHMASHA Uralmashzavoda no. 7:121-125 '65.

ROLLING (METALWORK)—ECONOMIC ASPECTS

Methods of determining the economic efficiency of automatic strip thickness control on cold rolling mills. I. U. A. Mishin, N. P. Sidlov, Sbor. at NII TIAZHMASHA Uralmashzavoda no. 7:104-110 '65.

ROLLING MILLS

Equipment for testing the force parameters of the cold rolling process of automobile sheet. B. I. Stetskin. Sbor. at NII TIAZHMASHA Uralmashzavoda no. 7:111-120 '65.

Operational amplifiers and multipliers for automatic control system. B. I. Kontorovich. Sbor. at NII TIAZHMASHA Uralmashzavoda no. 7:95-103 '65.

ROLLING MILLS—DESIGN AND CONSTRUCTION

Use of a design of the pickling compartment of the 2800 plate mill. V. I. Rospasenko. Metallurg 10 no. 10:33-36 O '65.

ROLLING MILLS—ELECTRIC DRIVING

Static and dynamic characteristics of the electric drives of certain mechanisms of a four-stand continuous cold rolling mill. A. S. Valdyrev, L. G. Vinogradov, A. E. Tikhovskii. Sbor. at NII TIAZHMASHA Uralmashzavoda no. 7:81-84 '65.

ROLLING MILLS—EQUIPMENT AND SUPPLIES

Equipment for the thickness control of a cold-rolled strip. L. S. Gorenburg. Sbor. at NII TIAZHMASHA Uralmashzavoda no. 7:127-137 '65.

ROLLING MILLS—MANAGEMENT

Improving the assortment of rolled products. B. S. Shapiro. Metallurg 10 no. 10:1-3 O '65.

ROLLING MILLS—NUMERICAL CONTROL

Dynamic characteristics of the electronic amplifier of the automatic control system of a rolling mill. I. U. A. Bortsov, A. N. Berebrizakov. Izv. vys. ucheb. zav., elektromekh. 8 no. 9:1002-1011 '65.

RUBBER, SYNTHETIC—ANALYSIS

Using the mercury-acetate method for determining the general composition of butyl rubber. A. P. Kiselev, L. N. Balitskaya, *Kauch. i rez.* 24 no. 10 55-56 '65.

RUBBER BOOTS AND SHOES see Boots and shoes, Rubber

RUBBER COATINGS

Rubber coating of metal-cord cloth in a cold calendar. L. M. Kopersha, and others, *Kauch. i rez.* 21 no. 8, 29-33 '65.

RUBBER GOODS

Improved design of V-shaped transmission belt. V. I. Malinov, *Kauch. i rez.* 24 no. 10 50-52 '65.

Studying the compression of round cross-section sealing rings with lubricated surfaces. B. M. Gorelik and others, *Kauch. i rez.* 24 no. 9, 21-24 '65.

Use of bentonite in the manufacture of technical dipped rubber goods. N. V. Kiryanov and others, *Kauch. i rez.* 23 no. 10 18-50 '65.

RUBBER GOODS—PAINTING

Paints for rubber goods. V. Z. Smolianskiy, A. A. Khelifa, *Kauch. i rez.* 21 no. 10, 43-44 '65.

RUBBER GOODS—TESTING

Mechanism of the shrinkage of shaped rubber parts. E. S. Lel', G. O. Botvinnik, *Kauch. i rez.* 21 no. 8 25-28 '65.

Studying the relationship between the chemical relaxation of stresses and the failure of rubber seals. L. I. Lubchanskaya, N. A. Tsapina, A. S. Kuz'minskii, *Kauch. i rez.* 24 no. 9, 13-16 '65.

Using the photoelasticity method for the analysis of stresses in rubber-metal valves. G. M. Bartenev, V. S. Urovskii, *Kauch. i rez.* 24 no. 10, 38-42 '65.

RUBBER INDUSTRY

Vacuumatic conveying of rubber compound ingredients. N. S. Vokhmianin and others, *Kauch. i rez.* 24 no. 10: 15-19 '65.

Results of the work of the Commission of the Rubber Industry of the International Association of Trade Unions. V. A. Khanzhukov, *Kauch. i rez.* 24 no. 8, 51 '65.

Specialization in the manufacture of technical rubber goods is the most important problem. A. I. Karsanova and others, *Kauch. i rez.* 24 no. 8, 48-50 '65.

RUBBER INDUSTRY—EXHIBITIONS

International Chemistry Exhibition. V. A. Naidukhina, *Kauch. i rez.* 24 no. 9, 57-59 '65.

RUBBER INDUSTRY—FIRES AND FIRE PREVENTION see subdivision under Omsk

RUBBER INDUSTRY—SAFETY MEASURES

Problem of protecting rubber manufacturers against static electricity. M. F. Pali, *Izvestiya v prom.* 9 no. 9, 52-53 '65.

RUBBER MACHINERY

Mixing-sheeting rolls for the preparation and sheeting of rubber compounds. I. U. S. Kuz'min, G. K. Demidov, *Kauch. i rez.* 24 no. 9, 52-54 '65.

System for the wetting of extrusion rubber goods with emulsions and suspensions. M. A. Morozov, *Kauch. i rez.* 21 no. 9, 51-56 '65.

RUBBERIZED FABRICS

Determining the coefficient of area changes in textile materials in rubberizing and coating with rubber compounds on calendars. G. A. Udras, N. N. Ermolaev, A. M. Romizova, *Kauch. i rez.* 24 no. 9 46-48 '65.

RUBIDIUM ZIRCONATE

Rubidium trifluorozirconate. A. A. Grizik, V. I. Pilyushchev, *Zhur. neorg. khim.* 10 no. 9, 1093-1099 '65.

RUBRES—ANALYSIS

Thermogravimetric determination of metallic aluminum in ruby. V. G. Shchukchenko, P. I. Dmitriyev, *Zhurn. anal. khim.* 20 no. 8, 171-172 '65.

ROMANIA—FINANCE

Vijoli, Aurel. [Organization of finance, credit and payments in the Rumanian People's Republic. Translated from the Rumanian] Organizatia financiarova, creditovaniia i raschetov v RNR. Moscow, Gosstatizdat, 1953. 208 p. (M.D.) (WU)

ROMANIA—POLES

The Polish emigrants in Rumania and the uprising of 1863: based on materials in the reports of the Russian diplomatic representatives. V. P. Storozhuk, *Ueb. zap. Inst. slav.* 20:77-80 '65.

ROMANIA—POPULATION, RURAL

Some features of the geographical distribution of rural population in the Rumanian Socialist Republic. G. A. Pravtorova, *Izv. AN SSSR, Ser. geog.* no. 5, 27-36 S-O '65.

ROMANIA—THEATER

Gorahovitch, A. A. [Through the theaters of socialist countries, second journey: Hungary and Rumania] Po teatralni socialisticheski strani, puteshestvie vtoroe, Vengriia i Rumyniia. Moscow, Znanie, 1965. 16 p. (Novoe v zhizni, nauka, tekhnika. VI Seria Literatura i iskusstvo, no. 21)

RUMEN

Recent data on the biological function of the rumen in cattle. S. Z. Ilizlytskiy, *Fl. i biol. zhurn.* [Ukr.] 11 no. 1, 141-147 31-Ag '65.

RUMEX

Anthraglycosides in some species of the rumex. O. K. Bagil, *Farmatsev. zhur.* 20 no. 1 51-57 '65.

RUNOFF

(see also subdivision under Volga Valley)

Calculation of annual runoff guarantee using Chebyshev-Burns formula. I. G. Lavarevich, *Izv. vys. shchek. i v. enezh.* 8 no. 100-101 O '65.

A facilitated method for determining streamflow by reading gauges in mountain regions. V. I. Pokripa, *Trudy Tbilisk. univ.* 15 123-128 '65.

Fluctuation of ground-water runoff: determination of its frequency. M. P. Lobanskaya, *Trudy VODGEO* no. 9, 45-57 '64.

RURAL CONSTRUCTION

(see also subdivision under Crimea, Lithuania, Rzeskno, Latvia)

Duplex and "sectional." A. A. Mikhlinov, *Str. i arkh. Uzb.* 6 no. 8, 16-17 Ag '65.

On the economics of rural construction. M. Berlin, *Vop. ekon.* no. 6, 11-22 3o '65.

Rural construction at the new stage. S. Nefedov, *Ekono. stroi.* no. 9, 26-29 S '65.

Utilization of machines in rural construction. M. A. Oreshkin and others, *Mekh. stroi.* 22 no. 8, 13-15 Ag '65.

RURAL CONSTRUCTION—EXHIBITIONS

Exhibition of the Achievements of the Soviet National Economy and Rural Construction. *Illust. zhurn. i zh.* 27 no. 9, 46-47 S '65.

RURAL EDUCATION

 see Education, Rural

RURAL LIBRARIES see subdivision under Belgorod Province; Novosokolnitsa District; Plesorsk District

RURAL PLANNING

 see subdivision under Uzbekistan

RURAL PUBLIC HEALTH

 see Public health, Rural

RUSSIA—AIR FORCE

Protect the achievements of the great October Revolution with a vigilant eye. *Av. i kosm.* 48 no. 11, 2-5 N '65.

RUSSIA—AIR FORCE—OFFICERS

Night years without flight accidents. N. Vashin, D. Zene-Binukht, *Av. i kosm.* 48 no. 11 8-10 N '65.

Wings of young pilots get stronger. V. Barmin, *Av. i kosm.* 18 no. 11, 65-67 N '65.

RUSSIA—AIR FORCE—POLITICAL ACTIVITY

On the ground and in the air. A. Kozun, *Komm. Voenush. Sl.* 16 no. 1, 30-12 3o '65.

RUSSIA—ARMED FORCES

The significance of the creation of a supreme command in the U. S. S. R. N. I. A. Galat, *Mit. i voeb. issl. i ob. inst. po trach. SSSR* no. 5, 75-80-27-31 '64.

Some problems of Soviet military building in the postwar period. V. Sokolovskii, M. Cherednichenko, *Voen. i lat. zhur.* 7 no. 3, 13-16 M '65.

RUSSIA—ARMED FORCES—INSPECTION

On the forward edge of the fight for a system of economy. A. B. Isakov, *Komm. Voenush. Sl.* 46 no. 12, 50-53 3o '65.

RUSSIA—ARMED FORCES—MEDALS, BADGES, DECORATIONS, ETC.

Decorations of the motherland. I. Golovenko, *Voen. i lat. zhur.* 7 no. 3, 12-14 M '65.

RUSSIA—ARMED FORCES—MILITARY LIFE

"Entering the ranks of the Armed Forces..." F. Goncharov, *Voen. znani.* 41 no. 10, 11-15 O '63.

RUSSIA—ARMED FORCES—POLITICAL ACTIVITY

A Communist cannot be indifferent. I. Bolomoshinov, *Komm. Voenush. Sl.* 46 no. 12, 53-65 3o '65.

Creativity and formalism in party work. N. Leonov, *Komm. Voenush. Sl.* 46 no. 12, 30-37 3o '65.

Don't get away from the main thing. V. Grebenink, *Komm. Voenush. Sl.* 46 no. 12, 70-75 3o '65.

A lecture group at work. V. Koshulev, M. Nazarov, *Komm. Voenush. Sl.* 16 no. 12, 82-83 3o '65.

Marxism-Leninism, the international doctrine of Communists of all countries. *Komm. Voenush. Sl.* 16 no. 12, 76-81 3o '65.

Personally responsible. M. Zimkov, *Komm. Voenush. Sl.* 16 no. 12, 90-93 3o '65.

RUSSIA—ARMED FORCES—REGULATIONS

Russia (1923- U. S. S. R.) Ministerstvo oborony. [Interior Service Regulations of the Armed Forces of the U. S. S. R.] Ustav vnutrennei sluzhby Voenushennyykh Sl. Sotniz SSR. Moscow, Voenizdat, 1964. 231 p.

RUSSIA—ARMY—ARTILLERY

Firepower of our Fatherland. L. Sapkov, *Agitator* 33 no. 19, 20-31 O '65.

RUSSIA—ARMY—MILITARY LIFE

There's a good camp. N. Overina, *Sov. voen.* 16 no. 17, 40-41 Ag '64.

RUSSIA—ARMY—OFFICERS

[The waters of life, from the life of young officers] Zhizn'skie vody, iz zhizni molodykh ofitserov. Moscow, Izv. gazety "Krasnaya Zvezda," 1965. 29 p. (Biblioteka "Krasnaya Zvezda," no. 10, 160)

RUSSIA—BIOGRAPHY

[Aleksandr Chapayev and others] Aleksandr Chapayev i drugie. [Moscow, Politizdat, 1965] 270 p. (CS-II)

[Road beyond the horizon: sketches on the standard-bearers of communist labor] Doroga za gozovost, ocherki o znanenostskikh kommunisticheskogo truda. [Moscow] Profizdat, 1961. 223 p. (NIC)

RUSSIA—COMMERCE

Chudakov, A. I. [Local trade-union committees of a commercial enterprise] Mestnaya profsoyuznaya torgovaya predpriyatia. [Moscow] Profizdat, 1965. 77 p.

Determining the economic effect of foreign trade. A. Probal, *Plan. khoz.* 42 no. 11, 39-41 N '65.

Dikhui, G. A. [Soviet trade during the period of socialism and the large-scale building of communism] Sovetskaya torgovlia v period sotsializma i razvernutoyo stroitel'stva kommunizma. Moscow, Nauka, 1965. 461 p.

Foreign specialists study in the U. S. S. R. B. Borovikov, *Vnesh. torg.* 15 no. 10, 21-22 '65.

How we began, some facts from the history of the Soviet state. N. Barinov, *Nov. vrem.* 23 no. 45 6-8 N '65.

Konolevskii, M. M. [The hardboard market] Rynok drovnykh pil. Moscow, 1965. 60 p. (Bulletin' Inostrannoi kommareshko informatsii, prilozhenie, no. 18)

Long-term agreements in international trade. V. Kulakov, *Vnesh. torg.* 45 no. 10, 12-15 '65.

Problems of foreign trade in the new civil legislation. N. Tatarskaya, *Vnesh. torg.* 15 no. 10, 17-19 '65.

Propects for the production and exportation of construction and road equipment. V. Kostitskii, *Vnesh. torg.* 15 no. 10, 17-19 '65.

RUSSIA—COMMERCE—HUNGARY

How we are trading. Bela Szatal, *Nov. vrem.* 23 no. 47: 11-15 N '65.

RUSSIA—COMMERCE—JAPAN

Show of Soviet Far Eastern goods in the coastal cities of Japan. I. Ryzhov, *Vnesh. torg.* 15 no. 10, 11-13 '65.

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—DEFENSES

The CPSU program concerning the defense of our socialist fatherland. I. A. Kovalov, *Ukr. lat. zhur.* 6 no. 3, 13-23 My '64.

RUSSIA—DESCRIPTION AND TRAVEL

Across our homeland. N. Mikhailov, *Doshk. vosp.* 38 no. 7, 95-99 31 '65.

RUSSIA—ECONOMIC CONDITIONS

Ruban, M. V. [Victory of socialism in the U. S. S. R.] Pobeda sotsializma v SSSR. Moscow, Politizdat, 1965. 62 p. (V pononishch' slushatel'm nachal'nykh politicheskikh shkol)

The seven-year plan at the finish: facts and figures. *Agitator* 33 no. 20, 32-33 O '65.

RUSSIA—ECONOMIC CONDITIONS—MATHEMATICAL MODELS

Dynamic interbranch model and planned calculations. A. D. Smirnov, *Ekono. i mat. metod.* 1 no. 3, 315-362 My-Je '65.

RUSSIA—ECONOMIC GEOGRAPHY see Geography, Economic

RUSSIA—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

Kruglov, S. S. [Path Illuminated by Lenin, Reminiscences] Put', ozarenniy Leningim, vospominaniya [Moskva] Moskovskii izdatel', 1965 182 p.

RUSSIA—REVOLUTION, 1917-1921—POLISH PARTICIPATION

Mamusevich, A. Ia. [Polish internationalists in the struggle for the victory of the Soviet regime in Russia, February-October 1917] Pol'skie internacionalisty v bor'bu za pobedu Sovetskoi vlasti v Rossii, fevral'-oktiabr' 1917 g. Moskva, Nauka, 1965, 411 p.

RUSSIA—SOCIAL CONDITIONS

[Following the call of the heart] Po zovu serdtsa. Moskva, Izd-vo polit lit-ry, 1963, 94 p. (Vremia i ljudi) (NoD)

RUSSIA—STATISTICS

In the Statistical Section of the Moscow House of Scholars. I. Evdokimenko. Vest.stat., no. 10:84-87 '65.
The seven-year plan at the finish. Agitator 33 no. 10 32-33 O '65.

RUSSIA, NORTHERN—AIRSHIPS

The dirigible in the North. T. I. Alekseeva. Probl. Sev., no. 9:201-206 '65.

RUSSIA, NORTHERN—CONSTRUCTION INDUSTRY

Scientific and technical progress and the efficiency of capital investments in the mining areas of the Far North. V. I. Kolgin. Probl. Sev., no. 9:292-295 '65.

RUSSIA, NORTHERN—CONSTRUCTION INDUSTRY—MANAGEMENT

Problems of increasing the economic efficiency of construction in the Far North. K. K. Kuptina. Probl. Sev., no. 9:107-112 '65.

RUSSIA, NORTHERN—CORRESPONDENCE SCHOOLS AND COURSES

Correspondence education in the Far North. L. T. Brazhnik. Verh. sled. shkola 8 no. 3:12-13 S-O '65.

RUSSIA, NORTHERN—CRANES, DERRICKS, ETC.

Using tower cranes on the construction sites of the Far North. A. T. Goncharenko. Mekh. stroit., 22 no. 8:24 Ag '65.

RUSSIA, NORTHERN—ECONOMIC CONDITIONS

Developing the Far North and the problems of industrial complexes. V. P. Logunov, V. F. Puzanova, V. V. Ivanovskii. Probl. Sev., no. 9:98-100 '65.

Main problems of the development and distribution of the productive forces and the improvement of the economic efficiency of the mastering of the North. V. S. Slavin. Probl. Sev., no. 9:5-13 '65.

Resolution of the Second Plenum of the Interdepartmental Committee for the Problems of the North of the Council for the Study of the Productive Forces attached to the State Planning Commission, June 1-3, 1964. Probl. Sev., no. 9:321-370 '65.

RUSSIA, NORTHERN—ECONOMIC GEOGRAPHY—CONGRESSES

The Second Plenum of the Interdepartmental Committee for the Problems of the North. Probl. Sev., no. 9:300-320 '65.

RUSSIA, NORTHERN—FREIGHT AND FREIGHTAGE

Production relations of the northern part of European Russia and ways to improve them. I. L. Freidin, G. I. Granik, L. S. Monakhovich. Probl. Sev., no. 9:72-85 '65.

RUSSIA, NORTHERN—GEOCHEMICAL PROSPECTING

Geotectonochemical method of prospecting for ores in the Arctic regions (northwestern Siberian Platform). A. M. Ivanova. Uch. zap. NIIGA, Reg. geol., no. 3:75-88 '64.

RUSSIA, NORTHERN—GOLD MINES AND MINING

Ways of developing underground mine workings in permafrost placers. V. V. Potapenko. Probl. Sev., no. 9:130-146 '65.

RUSSIA, NORTHERN—INDUSTRIES

Main problems of the development and distribution of the productive forces and the improvement of the economic efficiency of the mastering of the North. V. S. Slavin. Probl. Sev., no. 9:5-13 '65.

Production relations of the northern part of European Russia and ways to improve them. I. L. Freidin, G. I. Granik, L. S. Monakhovich. Probl. Sev., no. 9:72-85 '65.

RUSSIA, NORTHERN—INDUSTRIES, LOCATION OF

Problems of the distribution of the productive forces in the northern part of the European U.S.S.R. G. I. Granik. Probl. Sev., no. 9:14-23 '65.

RUSSIA, NORTHERN—INLAND WATER TRANSPORTATION

Economic basis of prospective types of cargo carrying vessels for the Northern Steamship Company. A. M. Ylvera, P. M. Atkin, A. A. Bulov. Trudy LITV no. 65: 29-35 '64.

RUSSIA, NORTHERN—LUMBERING

Main paths of the development of the lumbering and the paper industries in the northern part of European Russia. V. V. Gletov, A. Z. Katsenelenbaum. Probl. Sev., no. 9: 18-11 '65.

RUSSIA, NORTHERN—MACHINERY—COLD WEATHER OPERATION

Problems of the cold resistance of technical devices in Siberia and the Far North. K. V. Popov. Probl. Sev., no. 9:121-129 '65.

RUSSIA, NORTHERN—METALS AT LOW TEMPERATURES—RESEARCH

In the Scientific and Technical Council for Cold-Resistant metals attached to the Siberian Branch of the Academy of Sciences of the U.S.S.R. IU. N. Rubetnov. Probl. Sev., no. 9:268-270 '65.

RUSSIA, NORTHERN—MOTOR VEHICLES—DESIGN AND CONSTRUCTION

Work of the Scientific Council on the comprehensive problem of designing railless transport machines for work in the northern and northeastern regions of the U.S.S.R. M. Ia. Vorobchik. Probl. Sev., no. 9: 271-276 '65.

RUSSIA, NORTHERN—PAPER INDUSTRY

Main paths of the development of the lumbering and the paper industries in the northern part of European Russia. V. V. Gletov, A. Z. Katsenelenbaum. Probl. Sev., no. 9: 49-71 '65.

RUSSIA, NORTHERN—PARASITES—REINDEER

Effectiveness of chlorophos and its ethyl homolog in controlling the larvae of the warble fly infesting reindeer. D. V. Sivolev, N. I. Mozenov, V. A. Polakov. Trudy VNIIS 21 325-336 '64.

RUSSIA, NORTHERN—TRACTORS—DESIGN AND CONSTRUCTION

Work of the Scientific Council on the comprehensive problem of designing railless transport machines for work in the northern and northeastern regions of the U.S.S.R. M. Ia. Vorobchik. Probl. Sev., no. 9: 271-276 '65.

RUSSIA, NORTHERN—WATER-SUPPLY ENGINEERING, LOW TEMPERATURE

Ways to improve the economics of water supply in the regions of the North. N. N. Zengul. Probl. Sev., no. 9: 194-200 '65.

RUSSIA, NORTHWESTERN—GEOLOGY, STRATIGRAPHIC

Stratigraphic subdivision of the Upper Pleistocene in the northwestern part of the Russian Plain at the conference on problems in the stratigraphy and absolute geochronology of the Upper Pleistocene. N. S. Chebotarova. Izv. AN SSSR, Ser. geog., no. 5:146-155 S-O '65.

RUSSIA, NORTHWESTERN—INLAND WATER TRANSPORTATION

Operational and economic basis of vessel types for local cargo shipments in the steamship companies of the northwestern basin. V. V. Belousov and others. Trudy LITV no. 65:15-25 '64.

RUSSIA, NORTHWESTERN—PASTURES AND MEADOWS

Cultivated pastures. D. A. Ivanov. Zemledelo 27 no. 8: 39-43 S '65.

Feed supply in the Northwest. I. I. Astakhov. Zemledelo 27 no. 35-38 S '65.

RUSSIA, SOUTHERN—JET STREAM

Strong jet streams over the south of the U.S.S.R. M. V. Burkova. Trudy Shch. -Az. nauch. -issl. gidrometeor. inst., no. 20:3-38 '65.

RUSSIA, SOUTHERN—STRIKES AND LOCKOUTS

Akademiia nauk Azerbaidzhanek SSR, Baku. Institut istorii. [Glorious pages of struggle and victories; materials of the academic session dedicated to the 60th anniversary of the Second Congress of the Russian Social Democratic Party and the general strikes in Baku and in Southern Russia in the summer of 1903] Stavnye stranitsy bor'by i pobedy; materialy nauchnoi sessii, posviashchennoi 60-letii II s'ezda RSDRP i vsoobshchikh zabastovok v Baku i na Uge Rossii letom 1903 g., Baku, 17-20 sentabria 1963 g. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1965, 334 p.

RUSSIAN DRAMA—HISTORY AND CRITICISM

Doguslavskii, A. O., and V. A. Div. [Soviet Russian dramaturgy; basic problems of its development, 1936-1945] Russkaii sovetskaii dramaturgiia; osnovnye problemy razvitiia 1936-1945. Moskva, Nauka, 1965, 280 p.

Prolov, V. V. [Art opens up new worlds, articles on literature, dramaturgy, motion pictures] Iskusstvo ot-kryvact mir; stal' o literaturе, dramaturgii, kino. Moskva, Sovetskii pisatel', 1965 285 p.

V. G. Bol'shikh on the historical drama. I. N. Klymkova. Vysnyy Izhiv. un. Ser. filol., no. 3:31-37 '65.

RUSSIAN DRAMA (TRAGEDY)

Bochkarev, V. A., ed. [Voice of tragedy of the end of the 18th and the beginning of the 19th centuries] Shkol'noi iunia tragediia kontsa XVIII-nachala XIX v. Vspul. stal'ia, podgolovka teksta i primечaniia V. A. Bochkareva. Leningrad, Sovetskii pisatel', 1964. 620 p. (Biblioteka poeta. Bol'shaia seria, 2 1rd.) (NoD)

RUSSIAN FOLK SONGS see Folk songs, Russian

RUSSIAN LANGUAGE—ADJECTIVE

Substantivized adjectives and participles used in a special field. I. M. Podgatskaia. Uch. zap. Iuzh.-Sakh. gos. ped. inst., 1:201-236 '67.

System of meanings of possessive adjectives with the suffixes "-ov" and "-in" in modern Russian. B. M. Grishpun. Uch. zap. MGPI no. 376:239-252 '65.

RUSSIAN LANGUAGE—ADVERB

Use of adverbs with a predicate expressed by the prepositional case with the preposition "v". IU. N. Kan. Uch. zap. MGPI no. 326:140-193 '65.

RUSSIAN LANGUAGE—AFFIXES

Changes of the past tense ending in "-anu-" in modern literary Russian, obsoletion of the practical styles of Russian. E. N. Fokorovich. Izv. AN SSSR, Ser. lit., 1:14 24 no. 5:421-432 S-O '65.

Some means of language expression in works of fiction. N. A. Kabanova. Vysnyy Izhiv. un. Ser. filol., no. 3: 50-61 '65.

System of meanings of possessive adjectives with the suffixes "-ov" and "-in" in modern Russian. B. M. Grishpun. Uch. zap. MGPI no. 376:239-252 '65.

RUSSIAN LANGUAGE—ATTRIBUTION

Classification of detached aged attributions. V. I. Gushchov. Uch. zap. MGPI no. 326:221-238 '65.

RUSSIAN LANGUAGE—AUDIO-VISUAL AIDS

New educational motion picture. Vest. vya. shkol'y 23 no. 10:33 O '65.

RUSSIAN LANGUAGE—CONVERSATION AND PHRASE BOOKS (FOR SOLDIERS, ETC.)—ENGLISH

Boblovskii, V. I., comp. [Russian-English phrase book for soldiers] Russko-angliiskii razgovornik dlia morkakov. Izd. 2., 1 izd. Moskva, Transporth, 1965, 355 p.

RUSSIAN LANGUAGE—DIALECTS

Characteristics of vocabulary in the dialect of the village of Ust'-Rechka, Kolpashevo District, Tomsk Province. K. M. Braslavets. Uch. zap. Iuzh.-Sakh. gos. ped. inst., 1:357-370 '67.

Dialectisms in the language of Lomonosov. I. A. Popov. Izv. AN SSSR, Ser. lit., 1:17, 21 no. 5:421-426 S-O '65.

"Drekan'ye" and "tsokan'ye" in Russian dialects of old timers living on the old water route from the Irtysh to the Yenisey. K. M. Braslavets. Uch. zap. Iuzh.-Sakh. gos. ped. inst., 1:337-355 '67.

Tenth Dialectology Conference. L. I. Kasatkina, IU. G. Sokhatskaia. Izv. AN SSSR, Ser. lit., 1:14 24 no. 5: 180-181 S-O '65.

RUSSIAN LANGUAGE—DICTIONARIES—BALKAN

Cherkessk. Karachaevo-Cherkesskii nauchno-issledovatel'skii institutazyka, literatury i istorii. [Russian-Karachai-Balkar dictionary. Approximately 35,000 words] Russko-karachaevo-balkarskii slovar'. Okolo 35 000 slov. Pod red. Kh. I. Salukhcheva i Kh. Urusheva. Moskva, Sovetskaii Entsiklopediia, 1965 744 p.

RUSSIAN LANGUAGE—DICTIONARIES—ENGLISH

Patermost, Joseph, comp. Russian-English glossary of linguistic terms. The Pennsylvania State University, [c 1965] 230 p.

Russian-English, English-Russian Dictionary. Edited by O. S. Akhmanova. Baltimore, Ottenheimer Publishers, Inc., c 1960. 569 p.

RUSSIAN LANGUAGE—DICTIONARIES—KARACHAI

35 000 slov. Pod red. Kh. I. Salukhcheva i Kh. Urusheva. Moskva, Sovetskaii Entsiklopediia, 1965. 744 p.

RUSSIAN LITERATURE—HISTORY AND CRITICISM

(Continued)

Reality of prose. I. Anninskii. Izv. i sov. no. 4:160-183 '64.

Bound of analysis in literary criticism. V. V. Lest. P. 1. 9 no. 9:63-72 S '65.

Russian writers and scholars in Russian literature of the 19th century (materials for a dictionary or literary guide). M. S. Altman. Uch. zap. GGU no. 71:287-300 '65.

Stylistic characteristics of the style of Dostoevsky's critical articles. I. V. Altman. Uch. zap. GGU no. 71:188-201 '65.

Tselkova, A. V. [Soviet Russian literature; a handbook for courses on preparation for schools of higher education] Russkaya sovetskaya literatura, posobie dlia kursov po podgotovke v vuz. Izd. 3. Moskva, Vysshaya shkola, 1964. 171 p. (KU)

RUSSIAN LITERATURE—PERIODICALS

The periodical "Ural" Quotes and finds. V. Chapekakhov. Oktabr' 12 no. 10:216-220 O '65.

RUSSIAN LITERATURE—STUDY AND TEACHING

(see also subdivision under Tajikistan)

Altman, L. S. [Lessons, literature, life] Uroki, literatura, zhizn'. Moskva, Prosveshchenie, 1965. 220 p.

Meditations on the Russian language teacher. G. A. Mizilovskaya. Vech. ured. shkola 8 no. 5:45-47 S-O '65.

RUSSIAN NEWSPAPERS

Lenin's "Novaya zhizn'" in the struggle for the masses, 60th anniversary of the first legal Bolshevik newspaper. A. M. Grinberg. Vop. ist. KPSS 9 no. 11:114-120 N '65.

V. I. Lenin's excerpts from the Russian liberal bourgeois newspapers summer of 1913. S. M. Grishkova. Vop. ist. KPSS 9 no. 11:129-132 N '65.

RUSSIAN NEWSPAPERS—INDEXES

[Chronicle of newspaper articles] Let. gazet. sl. no. 10 '65. Vopomogatel'nye ukazately k no. 7-9 za 1965 g.

RUSSIAN PERIODICALS

"Na ogonek," Ikon. i zhizn' 7 no. 7:40-64 JI '65.

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles] Let. zhur. sl. nos. 43-47 '65.

RUSSIAN PLAIN see East European Plain

RUSSIAN PLATFORM—GEOCHEMICAL PROSPECTING

Characteristics of hydrogeochemical prospecting for sulfide deposits in the marginal zone of the Russian Platform. S. P. Albul. Trudy Un. dazh. nar. 3. Geol., gor. delo i geod. no. 1:56-76 '63.

RUSSIAN PLATFORM—KIMBERLITE

Kimberlite of the Russian Platform. A. I. Imshenetskiy. Priroda 54 no. 2:117-118 F '65.

RUSSIAN PLATFORM—PTEROPODA, FOSSIL

Conchoidal zones in the Devonian of the Russian Platform and the western slope of the Ural. G. P. Lashenko. Sov. geol. 11 no. 0:97-100 Ag '65.

RUSSIAN PLATFORM—SULFIDES

Characteristics of hydrogeochemical prospecting for sulfide deposits in the marginal zone of the Russian Platform. S. P. Albul. Trudy Un. dazh. nar. 3. Geol., gor. delo i geod. no. 1:58-76 '63.

RUSSIAN POETRY—HISTORY AND CRITICISM

Poetry of moral enunciation. Al. Mikhailov. Izv. i sov. no. 5:210-216 '64.

The vocative in poetry. L. I. Maksimov. Uch. zap. MGPI no. 3:20-28 '65.

RUSSIAN PROVERBS see Proverbs, Russian

RUSSIAN RIDDLES see Riddles, Russian

RUSSIAN SATELLITES see Communist Countries

RUSSIAN SOCIAL DEMOCRATIC PARTY

(see also subdivision under Moscow; Odessa; Ukraine)

Akademika nauk Azerbaidzhanской SSR, Baku, Institut istorii. [Glorious pages of struggle and victories; materials of the academic session dedicated to the 60th anniversary of the Second Congress of the Russian Social Democratic Party and the general strikes in Baku and in Southern Russia in the summer of 1903] Slavye stranitsy borby i pobed, materialy nauchnoi sessii, posvyashchennoi 60-letiiu II s'ezda RSDRP i vseobshchikh zabastovok v Baku i na Uge Rossii letom 1903 g., Baku, 17-20 sentyabrya 1963 g., Baku, Izd-vo Akad. nauk Azerbaidzhanской SSR, 1965. 334 p.

The party during the period of the upswing of the revolution 2. Between two battles (to be continued) Vop. ist. KPSS 9 no. 10:37-49 O '65.

Shibayeva, N. P. [Bolshevik Party in the period of reaction, 1907-1910] Partiya bol'shevikov v period reaktsii (1907-1910 gg.) Moskva, Politizdat, 1965. 78 p. (Uchebno-metodicheskie posobia k izucheniu istorii KPSS)

The struggle of the Bolsheviks for the establishment of revolutionary peasant committees in 1905. M. M. Konstantinov. Vop. ist. KPSS 9 no. 11:35-36 N '65.

V. I. Lenin and the militant work of the Bolshevik Party during the period of the first Russian revolution. R. I. Sidel'skii, I. U. I. Koroblev. Vop. ist. KPSS 9 no. 11:14-27 N '65.

V. I. Lenin's work "To the poor in the country side." N. N. Surovtseva. Vop. ist. KPSS 9 no. 10:60-62 O '65.

Vostukhova, T. P. [Struggle for the foundation of a Marxist party in Russia, the formation of the Russian Social Democratic Party, the origin of Bolshevism, 1894-1904] Boi'ba za sozdanie marksistskoi partii v Rossii, obrazovanie RSDRP vozniknovenie bol'shevizma (1894-1904 gg.) Moskva, Politizdat, 1965. 109 p. (Uchebno-metodicheskie posobia k izucheniu istorii KPSS)

The work of the Sixth Congress of the Russian Social Democratic Party (Bolshevik). Vop. ist. KPSS 9 no. 11:35-36 N '65.

Zinov'ev, M. N. [Bolshevik Party in the Revolution of 1905-1907] Partiya bol'shevikov v revoliutsii 1905-1907 godov. Moskva, Politizdat, 1965. 78 p. (Uchebno-metodicheskie posobia k izucheniu istorii KPSS)

RUSSIAN STUDIES—BIBLIOGRAPHY see Bibliography—Russian studies

RUSSIAN STUDIES—PERIODICALS

Brief surveys of periodicals on Soviet studies. R. Z. Mut. i soob. Izv. otd. Inst. po izuch. SSSR no. 55/56. 115-119 '61.

RUSSIANS IN FOREIGN COUNTRIES

A. M. Tolstol's satiric stories on the emigration. N. I. Dodonova. Trudy Un. dazh. nar. 1. Vop. ist. no. 1:99-114 '64.

RUSTS (FUNGI)

Identification metabolism in rye as related to the developmental dynamics of Puccinia dispersa Drehs. et. Henn V. F. Kuprevich, Z. I. A. Serova. Dokl. AN BSSR 9 no. 8. 578-582 Ag '65.

RUTHENIA see Transcarpathia

RUTILE

Absorption of water, methanol, heptane, and benzene vapors on pigment rutile modified by diethyldichlorosilane. A. A. Isirikin, A. V. Kiselev, L. V. Ushakova. Koll. zhur. 27 no. 6:600-606 S-O '65.

Calculating the energy of formation of pairs of defects in the rutile crystalline lattice. S. N. Kozlov, M. N. Rozova. Fiz. tver. tela 7 no. 5:2678-2682 S '65.

Inversion and width of paramagnetic resonance absorption lines in rutile with chromium in the 20-centimeter band. N. V. Karlov, B. D. Kiyatskii. Fiz. tver. tela 7 no. 9:2806-2808 S '65.

RUZHENTSEV, EFIM

"Better not to laugh..." Sergei Bruzdina. Oktabr' 42 no. 10:201-207 O '65.

RYAZAN PROVINCE—BOOKSELLERS AND BOOKSELLING

Prompted by practice. I. U. Borisova. Knizh. toig. 16 no. 4:42 Ap '65.

RYAZAN PROVINCE—CANCER—MORTALITY

Causes of death from malignant neoplasms based on materials of medical expertises in Ryazan Province. G. V. Voronkin. Nauch. trudy Riaz. med. inst. 11:329-332 '60.

RYAZAN PROVINCE—CONSTRUCTION INDUSTRY

From a lagging organization to a leading organization. V. P. Iur'kov. Sel's. stroit. 20 no. 6:13 S '65.

RYAZAN PROVINCE—GAME AND GAME BIRDS

Materials on the biology and hunting of the water wild-fowl in Ryazan Province. F. V. Ivanov. Ornitologiya no. 7:229-243 '65.

RYAZAN PROVINCE—LUNGS—CANCER

Incidence of lung cancer in Ryazan Province. P. P. Vergul'. Nauch. trudy Riaz. med. inst. 11:24-29 '60.

Primary cancer of the lungs. G. V. Turbina. Nauch. trudy Riaz. med. inst. 11:30-34 '60.

RYAZAN PROVINCE—STOMACH—CANCER

Incidence of stomach cancer in Ryazan Province in the last 15 years. V. I. Biriukov. Nauch. trudy Riaz. med. inst. 11:43-46 '60.

RYE

(see also subdivision under Kuybyshev Province)

Relation of the intensity of the linear growth of winter rye after heading to agrometeorological conditions. T. K. Mamchento. Trudy TSIP no. 125:54-66 '65.

RYE—DISEASES AND PESTS

Oxidation metabolism in rye as related to the developmental dynamics of Puccinia dispersa Drehs. et. Henn V. F. Kuprevich, Z. I. A. Serova. Dokl. AN BSSR 9 no. 8. 578-582 Ag '65.

RYLEEV, KONDRATH FEDOROVICH, 1795-1826

Kul'm, A. A., K. F. Ryleev. [Leningrad] Leningrad, 1965. 37 p. (Uzniki Petropavlovskoi kapeosti)

RYL'S'KIY, MAKSYM, 1895-1964

Poems of M. Ryl's'kiy written in the 1930's. T. M. Nebel'shchok. Vysnyy lit. iiv un. Ser. filol. no. 3:15-33 '65.

SABLEFISH see subdivision under Bering Sea

SACROCOCYGEAL REGION—TUMORS

Teratoid tumors of the sacrococcygeal region. N. A. Zakharov. Nauch. trudy Riaz. med. inst. 11:196-199 '60.

SAFETY EDUCATION, INDUSTRIAL see subdivision under Lvov Province

SAGE

Changes occurring in the oil content of musk sage during the 24-hour period. D. K. Onikov, Z. I. Sviderskaya. Maslozhir. prom. 31 no. 7:20-26 JI '65.

SAILORS (NAVY)

Master of technical means. N. Belous. Voen. zhurn. 11 no. 10:8 O '65.

SAILS

New sails for sports competitors. A. Lebedev. Voen. zhurn. 41 no. 10:47 O '65.

SAKHALIN—HERRING

Materials on the biology of herring (Clupea harengus pallasi Val.) fattened in the waters of Sakhalin. A. D. Drushchik. Izv. TINRO 55:3-38 '61.

Morphological characteristics of herring in the waters of Sakhalin. A. I. Frolov. Izv. TINRO 55:30-33 '64.

SAKHALIN—SALMON

Feeding relationship between young Oncorhynchus masu (Breu.) and other salmon in the rivers of Sakhalin. S. N. Volovik. Izv. TINRO 55:83-86 '61.

SAKHALIN—SEA ICE DRIFT

Ice drift on navigable routes adjacent to the island of Sakhalin. I. U. I. Bulbikova. Trudy TSIP no. 142:21-24 '65.

SAKHALIN—WINTER

Winter in Sakhalin. N. F. Reimers. Priroda 54 no. 2:126-127 F '65.

SAKHALIN PROVINCE see Sakhalin

SALAR RANGE—BIRDS

Bird fauna and its distribution in the mountain-taiga forests of the Salar Range. S. F. Chumikhin. Ornitologiya no. 7:78-82 '65.

SALESMEN AND SALESMANSHIP see subdivision under Moscow

SALICYLANILIDE

Antimicrobial properties of salicylanilide and its derivatives. H. V. Kulyk, I. O. Vasylyeva. Mikrobiol. zhur. 26 no. 4:80-85 '61.

N-dichloroiodosalicylanilides, new synthetic compounds with antifungal effect. S. S. Stavitska. Mikrobiol. zhur. 27 no. 5:70-74 '63.

SALICYLIC ACID

Complex formation of an uranyl ion with salicylic acid. Part 3: Study of the composition and regions of occurrence of precipitates formed in salicylate solutions of uranyl. V. I. Paramonova, N. B. Platonova. Radiochimia 7 no. 5:551-563 '65.

SALINE AND ALKALI SOILS

(see also subdivision under Moldavia; Prut Valley)

Construction on saline soil. M. P. Poltev. Osn. i fund. i mekh. grun. 7 no. 5:28-27 '65.

Geographical distribution of soda-impregnated saline soils in the U.S.S.R. N. I. Kondorskaya. Pochvovedenie no. 9:10-16 S '65.

SALINE WATERS—DEMINERALIZATION

Concentration polarization in the demineralization of waters by electrodialysis with ion-exchange membranes. V. B. Gaidadyanov. Dokl. AN SSSR 164 no. 6:1347-1350 O '65.

Kolychev, B. S. [The atom quenches thirst] Atom utoliat ziznizhdu. Moskva, Atomizdat, 1965. 81 p. (Nauchno-popularnaya biblioteka Atomizdata)

SALINITY see subdivision under Norwegian Sea

SALINITY—PHYSIOLOGICAL EFFECT

Proportion of fresh water and catadromous fishes to varying salinity. T. L. Fridlind. *Izv. GosNIOKH* 58 51-53 '64

SALISHCHEV, KONSTANTIN ALEKSEEVICH, 1905-

K. V. Salishchev, has 60th birthday. A. P. Poluchnev. *Izv. AN SSSR Ser. med.* no. 5:133-134 5-0 '65

SALIVA

New method of measuring of pH of saliva. V. P. Zun, I. I. Pankov. *Teor. i prakt. fiz. kul'* 28 no. 10:31-33 0 '65

Virus inhibitors in the saliva of healthy people and in influenza patients. P. N. Kosakov, V. A. Vasilenko. *Vop. virus.* 10 no. 2:204-209 Mr-Apr '65.

SALIVARY GLANDS

Excitation of pH by the salivary glands in some diseases of the gastrointestinal tract. L. D. Landenbraten, L. A. Iudin. *Ved. rad* 10 no. 9:20-23 S '65

SALIVARY GLANDS—DISEASES

Classification of sialolithiasis. N. F. Pshenichnyi. *Probl. chel.-lits khir.* no. 151-152 '65.
Clinical aspects and diagnosis of sialolithiasis. N. F. Pshenichnyi. *Probl. chel.-lits khir.* no. 153-156 '65.
Errors in the diagnosis of sialolithiasis. V. P. Kamashina. *Probl. chel.-lits khir.* no. 133-137 '65.
Retention cysts of the parotid and submaxillary glands. A. L. Treshina. *Probl. chel.-lits khir.* no. 128-222 '65

SALIVARY GLANDS—RADIOGRAPHY

Sialography in the diagnosis and treatment of sialolithiasis. N. F. Pshenichnyi. *Probl. chel.-lits khir.* no. 148-150 '65

SALMON

(see also subdivision under Amur River; Sakhalin)
Determining the degree of seasoning of salt Pacific salmon by a spring press type device. F. A. Nasedkina. *Izv. TINRO* 55:215-221 '64

Effect of the size of females and eggs on the progeny of salmon. T. I. Privolnov, Z. L. Galina, G. G. Galina. *Izv. GosNIOKH* 58:159-166 '61.

Feeding and the degree of utilization of food supply for raising young-of-the-year salmon in ponds. T. I. Pinskiy. *Trudy VNIPIKh* 13:197-2-6 '65

SALMON—PHYSIOLOGY

Changes in the intestinal epithelium of salmon (*Salmo salar* L.) during the spawning period. M. E. Vasil'eva, M. N. Mel'nikova. *Nauch. dokl. vyssh. shkoly, biol. nauki* no. 4:32-35 '65.

SALMONELLA

Comparative physicochemical characteristics of high polymer deoxyribonucleic acids in actinomycetes and *Bacillus brevis* strains. B. P. Matseliuk, A. A. Shevchenko, N. I. Pavlov. *Mikrobiologiya* 31 no. 1:560-597 Ji-Ig '65

SALMONELLA—CULTURES AND CULTURE MEDIA

Effectiveness of the simultaneous induction of the recipient of a series of characters of the donor culture with the help of DNA in *Bact. typhi* abdominalis. M. I. Chubatarova. *Mikrobiol. zhur.* 26 no. 4:9-13 '64

Media for the bacteriological study of meat for *Salmonella*. R. S. Meler. *Veterinariia* 42 no. 10:94 0 '65.

SALT see subdivision under Ural Mountain region

SALT—PHYSIOLOGICAL EFFECT

Way of life and heart diseases. V. V. Parin. *Priroda* 54 no. 10:30-33 '65.

SALT—THERAPEUTIC USE

Anticellulose therapy as a fundamental component in the compound treatment of obliterating endarteritis. I. A. Osepin. *Zhur. eksp. i klin. med.* 2 no. 5:31-36 '62.

SALT IN THE BODY

Change in the water-salt composition of the muscles of rats in ontogeny. S. I. Fudel', O. S. Osipova, O. A. Mityushenko. *Biofizika* 10 no. 5:796-800 '65

SALT LAKES—MICROBIOLOGY

Secret of red lakes. B. I. Kurochkin. *Priroda* 54 no. 10:61-62 '65.

SALT MINES AND MINING see subdivision under Perm Province

SALTING-OUT

Coefficients, curves, and diagrams of salting-out in extraction. A. V. Nikolaev. *Dokl. AN SSSR* 164 no. 6:1323-1326 0 '65.

Salting-out method of isolating the serum protein properdin. A. S. Volynskii and others. *Sbornik trud. TashUMI* 22:319-321 '62.

SALTS see subdivision under Staryi Kiyev Reservoir

SALIS—EFFECT ON PLANTS see Plants, Effect of salts on

SALTS—PHYSIOLOGICAL EFFECT

Effect of saline components of the medium on the amylase, catalase and peroxidase activity of *Bac. subtilis* and *Bac. mesentericus*. I. D. Kvachina, L. I. Medvedeva, N. Z. Timonova. *Mikrobiol. zhur.* 26 no. 1:28-33 '61

SALTWORT see subdivision under Uzbekistan

SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1880

Traditions of Gogol' in the satire of M. E. Saltykov-Shchedrin. S. F. Baranov. *Trudy Un. druzh. nar.* 1, Vop. lit. no. 1:3-20 '61.

SLAVAGE (WASTE, ETC.)

The "Sh-2" wool catcher. V. M. Sherishchev. *Tekst. prom.* 25 no. 10:12-13 0 '65.
Sources, manufacture and use of reclaimed wool. V. P. Rodionov. *Tekst. prom.* 25 no. 9:77-79 S '65

SAMARKAND—BIOLOGICAL SOCIETIES

Report on the work of the Samarkand Branch of the Scientific Society of Anatomists, Histologists and Embryologists. Z. Kh. Rakhmatullin. *Arkh. anat. i gist. embr.* 49 no. 7:123-124 Ji '65

SAMARKAND PROVINCE—APARTMENT HOUSES—DESIGN AND CONSTRUCTION

There were the outskirts were. *Stroi i arkhit. Uzb.* 6 no. 8:20 Ag '65

SAMARKAND PROVINCE—COTTON GROWING—AC-COUNTING

In the struggle for cotton. S. Usmanov. *Part. zhizni* no. 23:24-30 N '65.

SAMARKAND PROVINCE—MOTHS

Effect of vegetable toxins on the fecundity of cotton and cutworm moths. V. I. Derabin. *Uzb. biol. zhur.* 9 no. 5:12-13 '65.

SAN JOSE SCALE—PARASITES see Parasites—San Jose scale

SANATORIUMS

(see also subdivision under Donskoy, Rostov Province, Georgia, Kiev, Mardakyan, Apatlajan, Odessa)
Late results of sanatorium treatment of ulcerous diseases of the stomach and duodenum. L. I. Kononov. *Shor. nauch. rab. vrach. san.-kur. uchr. profsojuzov* no. 1:90-94 '64
Use of the proof method of examination of the higher nervous activity for the evaluation of the effectiveness of sanatorium treatment of neurasthenia. Preliminary report. G. A. Ganitskaya. *Shor. nauch. rab. vrach. san.-kur. uchr. profsojuzov* no. 1:25-28 '64.

SANATORIUMS—EMPLOYEES see subdivision under Moscow Province

SANATORIUMS—MANAGEMENT see subdivision under Mardakyan (Azerbaijan)

SAND, GEORGE, pseud. of MME. DUDEVANT, 1804-1876

Historical novel of George Sand. L. P. Godymin. *Trudy Un. druzh. nar.* 4, Vop. lit. no. 1:200-220 '61.

SAND

Microanisotropy of water saturated sands. L. V. Gorodnik, A. A. Petrenko. *Izv. VNIIG* 76:289-304 '64.

SAND—RADIOACTIVE PROPERTIES see subdivision under Soviet Central Asia

SAND, FOUNDRY

Automation of the separation of waste sand refuse after polygonal screening. B. M. Gaisin, G. N. Nedballo. *Lit. protzv.* no. 9:45-46 S '64.
Elements in the theory of mixing molding materials. R. I. Ivakin. *Lit. protzv.* no. 9:32-33 S '65.
Methods of calculating the drive power of sand mullers and the optimal weight of the batch. A. I. Gorskiy. *Lit. protzv.* no. 8:17-23 Ag '64.

Unit for the making of a bitumen emulsion. A. R. Komarov, T. F. Ulianova. *Lit. protzv.* no. 9:17-18 S '64.

SAND, FOUNDRY—ADDITIVES

Arbuzov, B. A. [Efficient methods of preparing coated mixtures] *Ratsional'nye sposoby prigotovleniya plakirovannykh smesol.* Leningrad, 1965 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Proizvodstvennyi opyt. Seriya: Liteinoe proizvodstvo, termicheskaia obrabotka i metallovedenie)

SAND, FOUNDRY—DRYING

Drum drying device. A. T. Kazantsev. *Lit. protzv.* no. 9:40 H S '65.

SAND, FOUNDRY—TESTING

Effect of the flowability of sand mixtures on the molding process and its determination. G. M. Orlov. *Lit. protzv.* no. 8:36-37 Ag '64.

SAND AND GRAVEL INDUSTRY see subdivision under Kazakhstan

SAND-LIME PRODUCTS

Using sand lime blocks in housing construction. V. A. Mentsov. *Zh. stroi.* no. 6:16-20 '65.

SANDHOUSE see subdivision under Kazakhstan

SAND PIPERS

(see also subdivision under Bishkek Valley, Lithuania, Volga Delta)
Migration of sandpipers according to birdkeeping data. M. I. Chudova. *Ornitologiya* no. 7:328-340 '64.

SANDWICH CONSTRUCTION

Nonlinear equations of thin elastic laminated and multilayered shells with a rigid filler. E. I. Gulyuk, P. P. Chulkov. *Izv. AN SSSR, Mekh.* no. 5:69-80 S '65.

SANITARY ENGINEERING

In cooperation with scientists. V. Kurov. *Zh. tekhn. khoz.* 16 no. 9:28 S '65.

Panlutin, A. G. [Principles of construction work and sanitary engineering] *Osnovy stroitel'stva i sanitarnoi tekhniki.* Izd. 5, pere. Moskva, Vysshaya shkola, 1965 330 p.

Use of epoxy resins in the assembly and repair of sanitary engineering equipment and pipelines. *Zh. tekhn. khoz.* 16 no. 9:20 S '65.

SANITARY ENGINEERING—EQUIPMENT AND SUPPLIES

Iakovlev, P. S., D. M. Nikolaev, and L. D. Pankov. [Providing containers for sanitary (kitchen) materials, and heating equipment] *Konstruktsionnye materialy i tekhnicheskii izdell. materialy i stroitel'nykh priborov.* Moskva, Stroiizdat, 1965. 79 p.

SANTONIN

Polarographic determination of santonin in the wormwood *Artemisia annua*. D. R. Dzhalilov, I. I. Jhumaev, M. I. Gorinov. *Apt. delo* 11 no. 1:30-30 Ja-I '65.

SAP

Some differences in the chemical composition of bark sap of the host plants of the lace insect. V. P. Bogdanov, Rast. res. 1 no. 3:380-383 '65.

SAPONINS

(see also subdivision under Soviet Central Asia)

Phytochemical study of the seaberry tree. Report No. 3: Study of saponins in the seed vessel of the seaberry tree. N. I. Zykova, P. E. Kopyevichuk. *Farmatsia*, zhur. 20 no. 1:66-70 '65.

SAPROPHYTIC BACTERIA see Bacteria, Saprophytic

SARA PENINSULA—BOTANY—ECOLOGY

On the Sara Peninsula. I. S. Safarov. *Priroda* 54 no. 2:99 F '65.

SARATOV PROVINCE—AGRICULTURAL MACHINERY—FUEL CONSUMPTION

Technical output and fuel consumption norms in irrigation farming. I. U. Merkulov. *Tekhn. v sel'sk. khoz.* 25 no. 9:10-20 Je '65.

SARATOV PROVINCE—AGRICULTURAL MACHINERY—PRODUCTION STANDARDS

Technical output and fuel consumption norms in irrigation farming. I. U. Merkulov. *Tekhn. v sel'sk. khoz.* 25 no. 9:10-20 Je '65.

SARATOV PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Fedulov, N. I. [Volunteer participation in party work] *Obshchestvennye nachala v partiinai rabote. Saratov, Prolvoizvodnoe knizhnoe izd-vo, 1964. 81 p. (Reshena XXII s'ezda KPSS v zhizni) (CS-11)*

SARATOV PROVINCE—WHEAT—FERTILIZERS AND MANURES

The Southeast. M. P. Chub, A. V. Egorov. *Zemledelie* 27 no. 9:77-79 S '65.

SARCOLYSINE

Clinical use of high single doses of sarcolysine and endoxon (cyclophosphane). A. M. Gurin and others. *Vop. onk.* 11 no. 10:3-9 '65.

SARCOLYSINE (Continued)

Spectrophotometric determination of cytosolates from the dichloroethylamine group (dopam and sarcolysine) in the ultraviolet region. I. A. Blazhuk, I. Krachmar, Farmatsyev, zhur. 20 no. 12:22-25 '65.
Treatment of the Rustfahli-Kahler disease with sarcolysine. M. M. B. I. Kov. Nauch. trudy Riaz. med. inst. 11 307-312 '69.

SARDAROV, DUNIAT, 1889-1919

Kaziev, M. A. Duniat Sardarov. Baku, Azerbaidzhan-sko gos izd-vo, 1964, 62 p.

SARDINE FISHERIES

Fleet of the fishing and sardine fishing. I. I. Bagatdinov, R. b. khe. 11 no. 8:11-13 '65.

SAR'IAN, MARTIROSS SERGEEVICH, 1880-

Great world of Sar'ian. I. Ostrova. Sem'ia ishkola 20 no. 9:33-31 S '65.

SARTRE, JEAN PAUL, 1905-

Max kasm and the decay of bourgeois ideology. A. Gad, N. uch. dokl. vyz. shkoly, filoz. nauki. 8 no. 5:68-78 '65.

SASHES

Sashes from aluminum alloys. A. P. Polushin. Stroitel. i. 21 no. 8:28-29 Ag '65.

SATELLITES—JUPITER

Data on the spectra of the Galilean satellites of Jupiter. A. A. Kallinik. Astron. zhur. 12 no. 5:1067-1069 S-O '65.

SAUREL see subdivision under East China Sea

SAWMILLS see subdivision under Poland

SAWS

Automation of the change in the gradient of saws in a saw frame. A. I. Ioffe. Trudy VSNIPLezdrev no. 10: 23-26 '61.
Grinding wheels and grinding conditions for frame saws. K. I. Dom'yanovskii. Dets. prom. 14 no. 8:8-10 Ag '65.
Reduction of the production and maintenance cost of disk saws of stone-cutting machines. M. G. Leikin, Mekh. stroit. 22 no. 8:10-19 Ag '65.
Wear resistance of saws with HfN. K. A. Leikhting, L. S. Smirnov. Trudy VSNIPLezdrev no. 10:27-32 '64.

SAYAN MOUNTAIN REGION—GEOMORPHOLOGY

Grosvald, M. G. [Development of the relief of the Sayan-Tuva Upland; glaciations, volcanism, recent tectonics] Razvitiye i s'efy Salano-Tuvinskogo nagor'ya, oledeneniya, vulkanizma, neotektonika. Moskva, Nauka, 1965, 164 p.

SAYAN MOUNTAINS—FLYSCHE

Age and correlation of the flyschoid formations of the Western Sayan Mountains. I. N. Kazakov. Dokl. AN SSSR 164 no. 8:1370-1373 O '65.

SAYAN MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Age and correlation of the flyschoid formations of the Western Sayan Mountains. I. N. Kazakov. Dokl. AN SSSR 164 no. 8:1370-1373 O '65.

SCALES (WEIGHING INSTRUMENTS)—TESTING

Testing motor-vehicle scales. S. M. Agayev. Izv. vkh. no. 9:53 S '65.

SCANDINAVIA—INDUSTRIAL HYGIENE

Aerogel Scandinnavia. M. Kalloushkin. Okh. truda i zdra. strah. 8 no. 11:30 N '65.

SCANDINAVIA—POLITICS

Peaceful cooperation in Northern Europe. V. Golubkov. Mezhdunar. zhurn. 12 no. 11:103-106 N '65.

SCANDIUM

Extraction of scandium nitrate by tributyl phosphato. A. P. Samodolov. Zhur. neorg. khim. 10 no. 9:2180-2183 S '65.

SCANDIUM—ANALYSIS

Complexometric determination of scandium in the presence of magnesium. N. V. Kostin, R. V. Vargina. Vest. Mozk. un. Ser. 2, Khim. 20 no. 4:78-79 Ji-Ag '65.
Complexometric determination of simultaneously present scandium and aluminum. L. G. Egorova. Trudy Inst. met. i obog. AN Kazakh. SSR 12:151-153 '65.

Photometric determination of scandium with stilbazochrom. N. M. Ulykov, A. I. Cherkasov. Zhur. anal. khim. 20 no. 8:670-671 '65.

SCANDIUM BORIDES

Chemical phase analysis of scandium borides. M. D. Lulata, Z. S. Akinina. Zav. lab. 31 no. 8:1088-1088 '65.

SCANDIUM COMPOUNDS

Oscillographic polarography of scandium ions. I. U. S. Gorodetskii. Elektrokhimia 1 no. 7:773-778 Ji '65.

Oxalatosulfate compounds of scandium. I. A. Fedorov, T. A. Balasheva. Zhur. neorg. khim. 10 no. 9:2086-2010 S '65.

Spectrophotometric study of the reaction of scandium ions with pyrometachol violet. S. P. Onosov, G. K. Kuntsevich. Zhur. anal. khim. 20 no. 8:802-804 '65.

Stability of complex compounds of cations of calcium and scandium subgroups. V. N. Kurnok, V. V. Sorobrennikov. Zhur. neorg. khim. 10 no. 9:2019-2022 S '65.

SCANDIUM SALTS

Studying solubility in the system $\text{Sc}_2(\text{SO}_4)_3 - \text{Al}_2(\text{SO}_4)_3 - \text{H}_2\text{O}$ at 25°. A. I. Zazubina, G. D. Savrukova. Trudy Inst. met. i obog. AN Kazakh. SSR 13:15-17 '65.

SCANDIUM-SILICON ALLOYS

Scandium monosulfide and its crystalline structure. L. A. Dvornina, V. S. Protasov, P. I. Gladyshevskii. Izv. AN SSSR, Neorg. mat. 1 no. 5:711-714 Iy '65.

SCARABAEIDAE

(see also subdivision under Mangyshlak Peninsula)

Forecasting of some pests. I. Pavlov. Zashch. rast. ot vreditel. 10 no. 7:42-43 '65.

Sibling species of the genus *Hyperceteina* Schin. (Diptera, Larvaevoridae) parasitizing on the imagines of Scarabaeidae (Coleoptera). K. B. Borisova-Zinov'eva. Zool. zhur. 41 no. 9:1363-1371 '65.

SCARLET FEVER

(see also subdivision under Tashkent)

Changes in the total protein and protein fractions of the blood serum in scarlet fever. L. G. Kvitashvili. Soob. AN Gruz. SSR 39 no. 3:807-811 S '65.

SCATTERING (PHYSICS)

Time dependence of the probability of diffuse reflection of a quantum from a one-dimensional inhomogeneous medium. N. B. Engibarian. Astrofizika 1 no. 2:187-171 Je '65.

SCEELITE

Comparison of the electron paramagnetic resonance of Nd^{3+} and Ce^{3+} ions of the homologous Scheelite series. L. N. Kurkin, L. A. Shekun. Fiz. tver. tela 7 no. 9:2852-2853 S '65.

SCEELITE—SPECTRA

Electron paramagnetic resonance of the $[\text{MnF}_4]^{2-}$ tetrahedral complex in scheelite. L. V. Borshov, A. S. Marfinskiy, R. M. Mineeva. Zhur. eksp. i teor. fiz. 49 no. 3:743-745 S '65.

SCHIFF BASES

Effect of structure on half-wave potentials of aromatic aldehyde anils. V. N. Dmitriyeva, L. V. Kosenko, V. D. Bezuglyi. Teoret. i ekspr. khim. 1 no. 4:458-461 '65.

Ozonization of polymeric Schiff bases from benzyl and p-phenylenediamine. M. N. Shukova, A. I. Iakubchik. Vysokom. soed. 7 no. 9:1041-1044 S '65.

Reactions of anils with vinylbutyl sulfide. L. S. Povarov and others. Izv. AN SSSR, Ser. khim. no. 10:1891-1893 '65.

Vulcanization of the fluoropolymer of Fluorocelastomer 26 with Schiff bases. N. S. Gil'man and others. Kauch. rez. 24 no. 9:2-6 '65.

SCHIRMACHER PONDS, ANTARCTICA—SNOW

Characteristics of the snow cover of the Schirmacher Ponds. L. M. Simonov. Inform. biul. Sov. antark. eksp. no. 52:35-39 '65.

SCHIRMACHER PONDS, ANTARCTICA—WATER—ANALYSIS

Chemism of the waters of the Schirmacher Ponds. V. I. Bardin, O. N. Leflat. Inform. biul. Sov. antark. eksp. no. 52:51-55 '65.

SCHIZOPHRENIA

Comparison of the clinical aspects and course of schizophrenia in close relatives in III families. E. A. Nutenko, L. A. Khitrik. Zhur. nevr. i psikh. 65 no. 10:1547-1553 '65.

Conditioned phagocytic and oculocardiac reflex in schizophrenics. B. I. Shestakov, V. S. Gus'kov. Trudy Vor. med. inst. 51:177-181 '63.

Conditioned phagocytic reflex in schizophrenia. V. S. Gus'kov. Trudy Vor. med. inst. 51:225-229 '63.

Differentiated therapy in schizophrenia. S. G. Zhislina. Zhur. nevr. i psikh. 65 no. 10:1507-1516 '65.

Glazov, V. A. [Schizophrenia; clinical experimental studies] Shizofrenia; kliniko-eksperimental'noe issledovanie. Moskva, Meditsina, 1965, 227 p. (DNLM)

Histopathology of neuroglia in schizophrenia with the periodic type of treatment. Report No. 1. L. I. Sukhorukova. Zhur. nevr. i psikh. 65 no. 10:1554-1559 '65.

Oculocardiac reflex in schizophrenics. B. I. Shestakov. Trudy Vor. med. inst. 51:182-187 '63.

Principles of the clinical aspects and forensic psychiatry in the evaluation of schizophrenic remissions. S. F. Semenov. Zhur. nevr. i psikh. 65 no. 10:1565-1573 '65.

Prognostic significance of Kandinskii-Clerambault syndrome in paranoid schizophrenia. L. K. Khokhlov. Zhur. nevr. i psikh. 65 no. 10:1524-1532 '65.

Putting the problem of schizophrenia on an organically changed basis. V. M. Belov. Zhur. nevr. i psikh. 65 no. 10:1541-1548 '65.

Some clinical and pathophysiological criteria for the differentiation of late schizophrenia and presenile psychoses. I. U. Leonova. Zhur. nevr. i psikh. 65 no. 10:1537-1540 '65.

Study of autoantigens in the blood of schizophrenics. L. A. Stukalova. Trudy Vor. med. inst. 51:230-238 '63.

Syphilis of the brain and its cortices with a schizophrenialike symptomatology. V. V. Pishchugin. Trudy. Vor. med. inst. 51:90-98 '63.

Use of Librium in the treatment of schizophrenia with obsessions. L. I. Golovan, G. I. Zaidovskaya, I. I. Sukal'skaja. Zhur. nevr. i psikh. 65 no. 10:1574-1580 '65.

SCHOOL AND COMMUNITY see Community and school

SCHOOL DISCIPLINE

School discipline. K. D. Ushinskii. Sem'ia ishkola 20 no. 9:25-28 S '65.
To ensure regular attendance... V. G. Dolgov. Vech. shk. shkola 8 no. 5:90-91 S-O '65.

SCHOOL EXCURSIONS

Discussing the practice and prospects of tourism and the work on local geography. D. Petrov. Rad. shkola 44 no. 10:110-111 O '65.
School tourism and the prerequisites for its development. M. P. Drobet. Rad. shk. 44 no. 6:59-61 Je '65.
Summer walk to a body of water. V. Gerasimov. Doshk. vosp. 38 no. 7:70-74 Ji '65.

SCHOOL HYGIENE

Problems of hygiene in laboratory work. I. M. Trakhtenberg. Rad. shkola 44 no. 10:63-87 O '65.
Regime of studies and fatigue of first grade pupils. D. B. Sinelnikova. Sbor. nauch. trud TashGMI 22:481-487 '62.
Republic-wide survey of schools and children's institutions. Rad. shkola 44 no. 10:109 O '65.

SCHOOL LIBRARIES

School library and teachers. E. V. Viltaina. Nauch. bi. no. 10:74-75 O '65.

SCHOOL SUPERINTENDENTS AND PRINCIPALS

Improving the qualifications of school supervisors. M. F. Bolko. Rad. shkola 44 no. 10:74-78 O '65.
Much depends upon them. Z. Khaichenko, I. Minina. Doshk. vosp. 38 no. 9:77-79 S '65.
Supervisors of kindergartens. E. Tatishcheva, I. Stokbova. Doshk. vosp. 38 no. 9:81-84 S '65.

SCHOOL SUPERVISION

Difficult position. P. Kashmanskiy. Nar. obi. no. 10:81-82 O '65.
For the notebook of a principal and the head of the teaching department. Nar. obi. no. 10:89 O '65.
How we plan our educational work. V. I. Matko. Sted. spets. obr. 12 no. 9:5-8 S '65.
The school principal questions students. P. I. Mazur. Rad. shkola 44 no. 10:79-83 O '65.
Study the teachers' work thoroughly and subjectively. M. O. Kostenko. Rad. shk. 44 no. 6:87-92 Je '65.
What to check and how to check. P. Mazur. Nar. obi. no. 10:82-83 O '65.

SCHOOLHOUSES

In the State Committee on Vocational and Technical Education. Prof. tekh. obi. 22 no. 10:14 O '65.
Let's build quicker and better. A. Solov'eva. Doshk. vosp. 38 no. 7:93-91 Ji '65.
What a kindergarten can be like. S. Nanush'ian. Doshk. vosp. 38 no. 7:80-88 Ji '65.

SCHOOLHOUSES—DESIGN AND CONSTRUCTION

(see also subdivision under Moscow)
New designs of schoolhouses. B. I. Blum. Stroitel. i. Uzb. 6 no. 8:23-26 Ag '65.

SCHOOLS—FURNITURE, EQUIPMENT, ETC.

(see also subdivision under Angarsk)
Refurbishing of the interiors. I. U. Maksimov. Doshk. vosp. 38 no. 9:91-93 S '65.
We liked it! I. V. Vikhrova. Doshk. vosp. 38 no. 9:86-90 S '65.

SCIATIC NERVE—DISEASES

Course of alcoholic neuritis of the sciatic nerve under the influence of a paraneuritic novocaine block, an experimental morphological study. Z. S. Skudarnova. Arkh. pat. 27 no. 10:73-75 '65.

- SCIATICA**
Paralytic forms of sciatica. E. V. Ma'anova. Trudy 1-go
instit. 117-119 '65.
- SCIENCE—BIBLIOGRAPHY** see Bibliography—Science
- SCIENCE—EXHIBITIONS**
Exhibition of the 21st anniversary of the Revolution in the world. Inform.
no. 10-11-12 '65.
- SCIENCE—PHILOSOPHY**
The philosophy of science and the philosophical problems of
the natural sciences. V. N. Rastvorov. Vest.
no. 23-24 '65.
- SCIENCE—PHILOSOPHY**
The philosophy of science and the philosophical problems of
the natural sciences. V. N. Rastvorov. Vest.
no. 23-24 '65.
- SCIENCE AND CIVILIZATION**
Kozlov, I. I. [Conversion of science into a direct
productive force of society] Prevrashchenie nauki v
neposredstvennuyu proizoditel'nuyu silu obshchestva
Dushanbe, Izd-vo "Irfon", 1965. 24 p.
- SCIENCE AND COMMUNISM** see Communism and science
- SCIENCE AS A PROFESSION**
Fundamental principle of scientific creativeness. V. A.
Ergel'gardt. Priroda 54 no. 2 55-58 F '65.
- SCIENCE FICTION—HISTORY AND CRITICISM**
Pyrov, N. P. [Science fiction and reality]
Fantasticheskiy realizm'. Kyiv, Radians'kyi pys'men-
nyy, 1965. 181 p.
(NHC)
- SCIENTIFIC LIBRARIES**
(see also subdivision under Rostov Province)
Library for scientific workers. S. Sergeeva. Bibliotekar'
4 no. 10 46-49 O '65.
- SCIENTIFIC SOCIETIES**
The "Science Society" in U.S.S.R. NTO 7
no. 11-12 '65.
- SCIENTISTS** see subdivision under Siberia
- SCINTILLATION COUNTERS**
Highly efficient method for H³ counting. A. N. Pertsev,
V. N. Pavlovskii. L. D. Soshin. Dokl. AN SSSR 9
no. 8 509-510 Ag '65.
- SCLERODERMA**
Laboratory method for the blood protein fractions and the
solubility of the enzyme succinylcholinesterase. F. S.
Dobrykh, I. I. Alekseyev. Zhurnal klinicheskoy meditsiny
no. 7-10 '65.
- SCLEROSIS**
Morphogenesis of pneumosclerosis in experimental lung
collapse. E. N. Nesterov. Arkh. pat. 27 no. 10 33-38
'65.
- SCOMEROIDEA**
(see also subdivision under Indian Ocean, Tonkin,
Gulf of)
Time and conditions of spawning of scombroid fishes
(Pisces, Scombroidei). N. N. Gorbunova. Trudy Inst.
okean. 80 36-61 '65.
- SCOPOLIA**
Some characteristics of shoot formation in Scopolia
langkui. A. V. Aleksandrova, I. B. Sandina. Rast. res.
1 no. 3 410-411 '65.
- SCRAP METAL INDUSTRY**
Methods of improving the processing of light-weight
metal scrap. S. I. Morozov. Met. i gornorud. prom.
no. 4 32-34 Ji-ig '65.
- SCRAP METAL INDUSTRY—MANAGEMENT**
Labor productivity and cost of metal scrap processing.
V. I. Kozlov. Met. i gornorud. prom. no. 4 36-40 Ji-Ag
'65.
- SCRAP METALS**
Equipment and method of the pulsation briquetting of
scrap metal. V. G. Gononov, V. V. Smolovik. Kuz-
strem. proizvod. 6 no. 9 30-33 '64.
- Metallurgical value of briquets from cast iron shavings.**
N. V. Anudinov. Lit. proizv. no. 8:9-11 Ag '64.
- SCREEN PROCESS PRINTING**
Color separation images of equal contrast. B. Babitskiy
and others. Poligrafika no. 9:10-11 '65.
- Present-day theory of projection screens and screen
intervals.** V. N. Filin. Poligrafika no. 7 26-29 Ji
'65.
- Printing on industrial goods.** V. Zolchuk, V. Dubovitskiy.
Poligrafika no. 9 14-15 '65.
- Screen stenciling.** S. P. Rudnaya. Poligrafika no. 9:9-10
'65.
- Stencil printing on glassware of cylindrical form.**
A. Landfeldt, N. Th. M. Golteberg. Poligrafika no. 9:
12-14 '65.
- Using the silk screen printing method for the decoration
of high-quality glassware.** M. I. Chylyk and others.
Leh. prom. no. 2 62-61 Ap-Je '65.
- Ways of preparing stencils.** L. G. Shepelenko, Z. V.
Babitskiy, O. P. Bondarev. Poligrafika no. 9:9-10 '65.
- SCREW-CUTTING MACHINES**
TV-1, a new screw-cutting lathe. B. M. Chailnik, Shkola
i proizv. 9 no. 8 11-53 Ag '65.
- SCREW THREADS—TESTING**
Devices for testing screw threads with cylindrical balls.
B. L. Smolenskiy, M. A. Rukhtenko. Izv. vuzov no. 9:
10-12 '65.
- SCREWS, THEORY OF**
Generalized equation of the helical surface of an axially
variable pitch. L. D. Redinev. Dokl. AN U.S.S.R. Ser.
tekh. nauk 9 no. 4:41-50 '63.
- SCRUBBER (CHEMICAL TECHNOLOGY)**
Guidless steam scrubbing system. B. P. Rukovanov.
Elek. sta. 36 no. 10:21-26 O '65.
- Studying the process of mass transfer in a scrubber
having conically slotted plates.** S. F. Khokhlov, V. A.
Annenkov, G. A. Shukla. Khim. i nefte mashinost.
no. 9:25-26 '65.
- SEA BREAMS** see subdivision under Atlantic Ocean
- SEA ICE**
(see also subdivision "Ice" under Antarctic Ocean,
Arctic Sea; Arctic Ocean, Atlantic Ocean, Okhotsk,
Sea of)
Ice forecasts on non-Arctic seas. A. I. Karakash. Trudy
TSIP no. 142 13-15 '65.
- SEA ICE DRIFT** see subdivision under Sakhalin
- SEA LEVEL** see subdivision under Arctic Ocean,
Kalpeda Strait, Neva River Estuary, White Sea
- SEALING (TECHNOLOGY)**
Method for evaluating the heat resistance of sealing
rubber during short-time heating. B. I. Panshin, T. S.
Golovastov. Kauch. i rez. 24 no. 8:16-21 '65.
- Production of colored thiokol sealing materials.** I. A.
Averko-Antonovich and others. Kauch. i rez. 24
no. 9:20-23 '65.
- Studying the compression of round cross-section seal-
ing rings with lubricated surfaces.** B. M. Gouelk and
others. Kauch. i rez. 24 no. 8:21-24 '65.
- SEALING (TECHNOLOGY)—EQUIPMENT AND SUPPLIES**
Device for hermetic sealing of panel joints. P. M.
Gershkovich, M. B. Khelifina. Stroitel. mash.
10 no. 10 29-30 O '65.
- SEALS (ANIMALS)** see subdivision under Okhotsk, Sea
of, Pacific Ocean
- SEALS (ANIMALS)—PARASITES** see Parasites—Seals
(Animals)
- SEALS (NUMISMATICS)**
(see also subdivision under Lvov, Poltava Province,
Ukraine)
The signet of the Odessa Committee of the Russian Social
Democratic Party, August 1904-June 1905. M. F.
Savitskiy. Ist. dzhern. ta ikh vyk. no. 1 277-283 '64.
- SEASHORE**
Study of the frequency power spectrum and heights of wind
waves in the coastal zone. I. U. M. Kiylov, S. S. Strekalov,
V. F. Tsyplukhin. Izv. AN SSSR, Fiz. atm. i okean. 1
no. 10 1065-1078 O '65.
- SEASONS**
Changes in the muscular tension under the effect of physical
stresses in different seasons. A. I. Shcherbakov. Nek.
vop. klim. i kraev. pat. no. 3:83-88 '63.
- Diurnal dynamics of the pulse rate and maximal suppres-
sion of respiration in different seasons.** B. A. Zaikov,
Nek. vop. klim. i kraev. pat. no. 3:57-59 '63.
- Role of meteorological elements in the seasonal dynamics
of physiological functions.** V. A. Kozlov. Nek. vop. klim.
i kraev. pat. no. 3 5-20 '63.
- Seasonal variability of the changes in cardiac minute
volume following a standard stress.** V. V. Kokhanovskiy,
Nek. vop. klim. i kraev. pat. no. 3:52-58 '63.
- Seasonal variations in the secretion of gastric mucus in
peptic ulcer.** P. D. Rabinovich. Nek. vop. klim. i kraev.
pat. no. 3:80-83 '63.
- Variations of the absolute quantity of eosinophils in con-
nection with seasons and solar activity.** E. M. Voino-
Iasenskaya. Nek. vop. klim. i kraev. pat. no. 3:37-41
'63.
- SEAWEED**
Marine plant resources of the U.S.S.R. M. S. Kiseleva,
Rast. res. 1 no. 3:323-335 '65.
- SECHENOV, IVAN MIKHAILOVICH, 1829-1905**
Central inhibition according to I. M. Sechenov's experi-
mental and conceptual and theoretical interpretation.
I. S. Belitskiy. [Trudy] Inst. fiziol. AN U.S.S.R.
13 7-21 '65.
- SECOND BAKU—GEOLOGY, STRUCTURAL**
Correlation of the zone of the Kama-Kiel depression
with the tectonics of the crystalline basement. I. A.
Lapinskaya, V. G. Kuznetsov. Dokl. AN SSSR 161 no. 5
1125-1128 O '65.
- SECONDARY RECOVERY OF OIL** see subdivision under
Azerbaijan, Bibileyat Oil Field
- SECURITIES** see subdivision under Congo (Leopoldville)
- SEDIMENTARY ROCKS** see Rocks, Sedimentary
- SEDIMENTATION AND DEPOSITION** see subdivision
under Kuybyshev Reservoir, Staroye Kuybyshev
Reservoir
- SEDIMENTS (GEOLOGY)**
Stability of minerals. N. G. Sudakova. Priroda 54
no. 2:41-44 F '65.
- SEED ADULTERATION AND INSPECTION**
Provide the collective and state farms with reliable
P. I. Solyovskiy. Inform. biol. VOSTOK no. 1:25-26 '65.
- SEED POTATOES—STORAGE**
Preconditions for increasing seed potato storage with different
storage time. N. D. Tuzovskiy, G. D. Badyukov, V. I.
Lopushchok. Hoz. tekhn. 10 no. 5:493-495 '65.
- Organize the storage of seed potatoes in an emergency
manner.** N. S. Batsanov. Zemel. delo 22 no. 10:14-15
O '65.
- SEED PRODUCTION**
Seed productivity of perennial grasses as related to the
characteristics of the formation and function of the in-
sertion apparatus. M. I. Mutyayeva, I. N. Ab-
ramenko. Agrobiotika no. 8:111-118 Ag '65.
- SEEDLINGS**
Movement of labeled assimilates from the cotyledons of
cotton. M. Yul'hibayev, A. S. Kuzhikhin. Fiziol. rast.
12 no. 3:112-116 My-Je '65.
- SEEDS**
Biological inequality of a pine seed with respect to
needs in connection with habitat conditions. V. V.
Utkin. Hoz. tekhn. 10 no. 5:493-495 '65.
- Changes in the needs of hydrolysis of various plant
seeds.** V. G. Givkheviich. Dokl. AN U.S.S.R. 161 no. 5
549 Ag '65.
- For the future crops.** I. Krivaya. Inform. biol. VOSTOK
no. 3:26-27 My '65.
- Infestation of soil with weed seeds under oak and forest
stands in the ordinary Chernozem zone of the Ukrainian
S.S.R. (Kontaminatsiya pochvy).** M. A. Alshitskiy. Hoz.
tekhn. 10 no. 5:1092-1104 Ag '65.
- Methods of improving the seed quality of early sowing
crops.** V. V. Buravskaya. Rast. res. 1 no. 3:323-335 '65.
- State of water in plant cells and water exchange in plant
seeds.** G. V. Labudov, N. A. Antonovskaya. Fiziol.
rast. 12 no. 3:304-307 My-Je '65.
- Use of defolants for increasing the rate of flow of
assimilates to the seeds.** A. A. Prud'kov. Fiziol.
rast. 12 no. 3 410-423 My-Je '65.
- SEEDS—ANALYSIS**
Sugar compounds with organic acids in dormant and ger-
minating corn and wheat seeds. V. V. Goldatenko and
others. Fiziol. rast. 12 no. 3:457-463 My-Je '65.
- SEEDS—ANATOMY**
Atlas, their nature, structure and functions. G. A. Kiselev.
Hoz. tekhn. 10 no. 5:715-723 My '65.
- SEEDS—DISINFECTION**
New device for sanitary disinfection of seeds. N. V.
Alshitskiy. Trudy Kaz. NIIZR no. 3:95-100 '64.
- SEEDS—DRYING**
Preparation of vine crop seeds for sowing. T. G. Gutsa-
luk. Trudy Respubl. opyt. sta. krest. i vovshch. khoz. 2:
221-225 '60.
- SEEDS—OPTICAL PROPERTIES**
Characteristics of the optical properties of integumentary
tissue in the seeds of some plants. M. V. Kotina.
Ukr. bot. zhur. 22 no. 5:84-90 '65.
- SEEDS, EFFECT OF CYSTEINE ON**
Effect of physiologically active compounds and ionizing
radiation on the metabolism of wheat. G. V. Ilyina,
N. N. Kuznetsova, S. G. Rydkin. Fiziol. rast. 12
no. 3:424-431 My-Je '65.

SEEDS, EFFECT OF GAMMA RAYS ON

Effect of inhibitors and activators of cell metabolism on the occurrence of chromosomal aberrations following single and fractional gamma irradiation of barley seeds. N. I. Nukhlin, R. I. Dotsenko, N. S. Smolova-Iovak. *Trudy Inst. gen.* no. 12: 1-17 '65.
Effect of physiologically active compounds and ionizing radiation on the metabolism of wheat. G. V. Il'in, N. N. Kuznetsov, S. G. Rydkin. *Trudy Inst.* 12 no. 3: 121-131 My-Je '65.

SEEDS, EFFECT OF NAPHTHOQUINONE ON

Effect of physiologically active compounds and ionizing radiation on the metabolism of wheat. G. V. Il'in, N. N. Kuznetsov, S. G. Rydkin. *Trudy Inst.* 12 no. 3: 121-131 My-Je '65.

SEEDS, EFFECT OF X RAYS ON

Changes in the quality of a database of wheat seeds after their irradiation with X-rays. K. V. Lyubchenko. *Trudy Kazdgos-ped. inst.* 24 no. 6: 20-23 '65.

SEISMIC PROSPECTING

Stratigraphic allotment of reflection boundaries in shallow depths. M. I. Nekrasov. *Vest. LGU* 30 no. 10: 15-18 '65.

SEISMIC PROSPECTING—CONGRESSES

Vysoluzhnyi seminar po novoi metodike seismorazvedki [Seismic prospecting using the grouping of shots on long bases and the method of central rays, transactions] Seismorazvedka s primeneniem gruppyovaniya vzryvov na dlinnykh bazakh i sposobi tsentralnykh luchey, *Trudy. Moskva, Nefta*, 1965: 100 p.

SEISMIC WAVES

The P₁ and S₂ channel waves in the earth's upper mantle. D. I. Shtarkulidze, T. M. Lobashova, B. I. Litman, *Sov. AN Gruz. SSR* 39 no. 1: 75-78 JI '65.

SEISMOLOGY—OBSERVATIONS

see sub-division under Milky Station, Antarctica

SELENIUM

Formation of selenium compounds during the electrolytic refining of blister copper. M. N. Menzhulina, I. I. Ponomareva. *Trudy Inst. met. fiz. i khim.* 11: 124-128 '65.
Selenium distribution in the ATRN-10000 sulfuric acid technology. L. A. Samoilov and others. *Izv. AN Ukr. SSR Ser. tekhn. nauk* 9 no. 1: 70-74 '65.

SELENIUM—PHYSIOLOGICAL EFFECT

Effect of selenium on the carbohydrate metabolism in rabbits. F. A. Berenshtein, V. I. Glushanovich. *Vest. AN BSSR. Ser. sel'hoz. nav.* no. 2: 125-130 '65.

SELENIUM—THERMAL PROPERTIES

Temperature dependence of the viscous properties of amorphous selenium. Kh. M. Khalilov, B. B. Kulliev. *Fiz. tverd. tela* 7 no. 9: 2047-2048 '65.

SELENIUM OXIDES

Structure of the oxide obtained in the oxidation of A³-carc by selenium dioxide. B. A. Arbutov, Z. G. Pirova, V. V. Rotmiz. *Dokl. AN SSSR* 161 no. 6: 1209-1212 O '65.

SELENOPHENE

Kinetic study in the series of five-membered heterocyclic compounds of aromatic nature. Part 13. Kinetics of solvolysis of substituted in position 3, 4-chloromethylselenophenes in methyl alcohol. M. K. Ibratov, M. A. G. Ibratov, A. P. Pirokova. *Izv. vys. ucheb. zav., khim. i khim. tekhn.* 8 no. 3: 421-425 '65.

Reactivity of 5-nitro-2-chloromethylfuran and 5-nitro-2-chloromethylselenophene. M. A. Gal'bershtam and others. *Vest. Mosk. un. Ser. 2: Khim.* 20 no. 4: 83-85 JI-Ag '65.

SELF-GOVERNMENT (IN EDUCATION)

Stimulating the student groups. A. V. Pavlov. *Sred. shkola, obs.* 12 no. 9: 28-32 S '65.

SILIVANOV, IVAN MYKHAILOVYCH, 1924-

Pekarovskiy, M. P. Ivan Mykhailovich Silivanov. *Kyiv, Mystetstvo*, 1964: 61 p. illus. (MI)

SEMENSKII, EVGENII PETROVICH, 1895-1964

Evgenii Petrovich Semenski; obituary. *Tor. p. om.* 42 no. 3: 47 '65.

SEMICONDUCTOR DEVICES

see Transistors

SEMICONDUCTOR DIODES

see Diodes, Semiconductor

SEMICONDUCTORS

Amplification coefficient and the saturation effect in semiconductors in the case of uniform excitation. O. N. Kozhik, *Fiz. tverd. tela* 7 no. 9: 2612-2618 S '65.

Computation of kinetic coefficients for certain organic semiconductors. Part 2. Computation of impurity resistance and Hall constant. S. I. Zubarev, I. D. Tikhonov. *Fiz. tverd. tela* 7 no. 1: 183-189 '65.

Correlation between the widths of forbidden zones of chemical and structural analogs. S. A. Semenovskii, *Zh. fiz. khim.* 39 no. 9: 2232-2235 S '65.

Electrochemical deposition of electric contacts on the surface of p-silicon. V. M. Kochegarov, I. N. Kolesov, *Zh. fiz. khim.* 38 no. 6: 1496-1498 Je '65.

Galvanomagnetic and thermomagnetic effects in a longitudinal quantized magnetic field in n-InSb type semiconductors. R. G. Tarakanov, *Fiz. tverd. tela* 7 no. 9: 2608-2617 S '65.

Magic crystals. A. R. Regel'. *Sov. voen.* 10 no. 17: 39 Ag '65.

Mechanism of the manifestation of junctions in silicon p-n detectors by electrochemical deposition of copper. A. S. Antonov, B. P. Ostapenko, L. G. Kuleshova, *Zh. fiz. khim.* 38 no. 9: 2252-2258 S '65.

Method of transport reactions in the chemistry of semiconductors. N. P. Lushina, E. I. Arembash, Z. S. Mel'nikova. *Vest. AN SSSR* 35 no. 10: 49-54 O '65.

Semiconductors for thermoelectric generators. V. A. Eristov. *Trudy LGU* 30 no. 11: 54-56 '65.

Theory of thermal-field ionization of impurity centers. A. G. Chepur, P. K. Katana, *Fiz. tverd. tela* 7 no. 9: 2735-2739 S '65.

Use of diagram technique for computing the electroconductivity tensor. S. I. Zubarev, M. I. Shchedrin. *Fiz. tverd. tela* 7 no. 1: 501-504 '65.

SEMICONDUCTORS—ANALYSIS

Study on the distribution of inhomogeneities in semiconductor crystals. L. A. Baev, B. G. Vasilenko, *Fiz. tverd. tela* 7 no. 9: 2585-2593 S '65.

SEMICONDUCTORS—ELECTRIC PROPERTIES

One-probe method for measuring the specific resistance of semiconductor carrying area current. M. I. Gitsyn and others. *Zv. lab.* 31 no. 9: 1092-1094 '65.

SEMICONDUCTORS—OPTICAL PROPERTIES

Nature and energy spectrum of radiation disturbances in semiconductors. V. S. Vasilov. *Usp. fiz. nauk* 81 no. 3: 131-150 N '64.

SEMICONDUCTORS—PHOTOELECTRIC PROPERTIES

Nature and energy spectrum of radiation disturbances in semiconductors. V. S. Vasilov. *Usp. fiz. nauk* 81 no. 3: 141-150 N '64.

SEMICONDUCTORS—THERMOELECTRIC PROPERTIES

Measuring thermoelectric characteristics of semiconductors in solid and liquid phases at high temperatures. O. P. Andriashov, V. V. Lobashov. *Izv. tverd. tela* 7 no. 9: 22-24 S '65.

SEMPALATINSK PROVINCE—POTATOES—VARIETIES

Heat varieties of vegetables, vine crops, and potatoes for Sempalatinsk Province. V. F. Butler. *Trudy Resp. opyt. sta. kait. i ovoshch. khoz.* 2: 210-215 '60.

SEMPALATINSK PROVINCE—VEGETABLES—VARIETIES

Heat varieties of vegetables, vine crops, and potatoes for Sempalatinsk Province. V. F. Butler. *Trudy Resp. opyt. sta. kait. i ovoshch. khoz.* 2: 210-215 '60.

SEMPALATINSK PROVINCE—VINE CROPS—VARIETIES

Heat varieties of vegetables, vine crops, and potatoes for Sempalatinsk Province. V. F. Butler. *Trudy Resp. opyt. sta. kait. i ovoshch. khoz.* 2: 210-215 '60.

SEMITIC LANGUAGES

A conference on Semitic languages. N. F. Seimper, M. L. Helzer. *Vest. drev. ist.* no. 2: 215-214 '65.

SENILE PSYCHOSES

Some clinical and pathophysiological criteria for the differentiation of late schizophrenia and presenile psychoses. M. I. Lomova, *Zh. nev. i psikh.* 65 no. 10: 1537-1540 '65.

SENTENCES (CRIMINAL PROCEDURE)

(see also sub-division under Ukraine)

I. D. Perlov's "The execution of a sentence." N. S. Alekseyev and others. *Izv. vys. ucheb. zav., prav.* 9 no. 1: 178-182 '65.

SEPARATION (TECHNOLOGY)

Calculating the efficiency of the shelves of frothers for absorption and desorption processes. M. D. Porin and others. *Khim. i nef. mashinost.* no. 9: 11-13 S '65.

Effectiveness of the classification process. I. A. Polgakov, A. M. Shteynberg, M. D. Bakskii. *Izv. vys. ucheb. zav., khim. i khim. tekhn.* 8 no. 3: 499-503 '65.

Separating tungsten and molybdenum in alkali sulfide solutions. I. R. Polyvianniy, N. A. Milutina, L. N. Sysoev. *Trudy Inst. met. i obog.* AN Kazakh. SSR 12: 161-167 '65.

Theory of the vibratory separation of granular mixtures. I. I. Nizhnikin, V. A. Khudomin. *Izv. AN SSSR. Mekh.* no. 5: 22-30 S-O '65.

SEPARATORS (MACHINES)

Accuracy of sorting materials using drum-type electric corona discharge separators. I. A. Izakov, N. E. Pavlovskiy. *Izv. vys. ucheb. zav., elektromekh.* 8 no. 8: 916-918 '65.

Continuous purification of heterogeneous liquid media (oil, brine, etc.) in hydrocyclones. M. N. Boldyrev. *Trudy Kal. tekhn. inst. im. G. I. Zhukovskiy* no. 15: 157-172 '63.

Separation of the ISI model for extracting fat from fish broth. O. P. Lobashov, I. A. Belina. *Ryb. khoz.* 11 no. 3: 57-70 '67.

SEPARATORS (MACHINES)—TESTING

Determining the operating efficiency of settling plate separators and centrifuges. V. I. Sokolov, E. V. Vukobachov, *Trudy Inst. im. G. I. Zhukovskiy* no. 13: 132-139 '65.

Tangential velocity of water flow depending on the geometry of the spiral trough. G. I. Tyubukhovskii. *Gor. zhur.* no. 8: 76 Ag '65.

SERDIUCHENKO, GEORGI PETROVICH, 1904-1965

Professor Georgii Petrovich Serdiuchenko; obituary. *G. S. Khim.* 19, AN SSSR Ser. Khim. i fiz. 21 no. 5: 12-15 S-O '65.

SERiculture—EQUIPMENT AND SUPPLIES

BYA-6/200 electric branch cutting unit. A. Mamadzhonov, V. I. Ivanov. *Trakt. i sel'hoz. mash.* no. 8: 30 Ag '65.

SERIES

Absolute summability of series by Cesàro's methods of negative order. *Izv. vys. ucheb. zav.; mat.* no. 5: 128-131 '65.

Integral representation of functions forming a Markov series. M. A. Rutman. *Dokl. AN SSSR* 164 no. 5: 989-992 O '65.

Taylor-Bitchelet series. B. S. Bronshteyn. *Dokl. AN SSSR* 165 no. 1: 17-18 N '65.

SERIES, ORTHOGONAL

Absolute summability of orthogonal series. I. P. Gerasimovskiy. *Sib. mat. zh.* 9 no. 4: 737-774 JI-Ag '65.

SERINE

Glycopeptides. Report No. 10. Synthesis of serine O-glycosides. M. G. Vahna, V. A. Derzhavskaya, N. K. Kochetkov. *Izv. AN SSSR. Ser. khim.* no. 10: 1814-1820 '65.

Peptides containing N-dichloroacetyl-DL-serine. I. L. Kuminants, N. F. Golubeva, D. P. Dezhneva. *Izv. AN SSSR. Ser. khim.* no. 10: 1877 '65.

SEROLOGY

Data on immunological and quantitative microbiological characteristics of waste dysenteric. Report No. 2. Specific protective capacities of blood serum from patients with acute dysentery studied in experiments on animals. T. A. Aydukova. *Trudy Len. inst. opyt. i mikrobiol.* 24: 121-133 '64.

Immunological characteristics of hemolytic anemia induced in an immune way in dogs. A. N. Grichenko. *Gemat. i perel. krov.* 1: 207-212 '65.

Study of the dm plasma factor in sera of healthy persons. K. K. Reshetnikov. *Gemat. i perel. krov.* 1: 245-247 '65.

SEROTONIN—PHYSIOLOGICAL EFFECT

Pharmacological analysis of structures sensitive to serotonin in the endings of the afferent nerves of the cornea. I. M. Samoilovich. *Bud. eksp. biol. i med.* 60 no. 6: 67-70 S '65.

SERPENTINE

Fluorometric method for quantitative determination of serpentine. M. I. Sarenko, M. S. Shraiber. *Farmatsev. zh.* 20 no. 1: 37-39 '65.

SERPUKHOV (MOSCOW PROVINCE)—PANELS (BUILDING)

Hot molding of keramzit concrete panels at the Serpukhov Housing Construction Combine. S. A. Appel'. *Stroi. mat.* 11 no. 10: 8-9 O '65.

SERPUKHOV (MOSCOW PROVINCE)—REINFORCED CONCRETE CONSTRUCTION—FORMWORK

Hot molding of keramzit concrete panels at the Serpukhov Housing Construction Combine. S. A. Appel'. *Stroi. mat.* 11 no. 10: 8-9 O '65.

SERUM

Antifal serum, its properties and use. N. M. Sologub. *Fiziol. zh.* (Ukr.) 11 no. 4: 520-525 JI-Ag '65.

Effect of mouse serum and its fractions on the catalase activity of *Mycobacterium tuberculosis*. R. I. Shendrikova. *Probl. tub.* no. 7: 77-79 '64.

Obtaining of large quantities of anti-rheumatism serum. V. A. Pozdnyakov, N. S. Kalinina. *Probl. gemat. i perel. krov.* no. 3: 42-44 '65.

SHELLS (ENGINEERING) (Continued)

Methodology of the design for stability of joints for all-metal cas. IT, M. Landerer. Trudy CHITP 43, pt. 2, 163-165 '63.

Use of integral transformations for calculating semi-infinite butt and cylindrical shells. A. K. Krasov. Stroitel'skaya mekhanika, 7, no. 5, 12-16 '65.

SHELLS (ENGINEERING)—VIBRATION

Natural vibrations of plates and elastic cylindrical shells reinforced by stiffening ribs. A. K. Krasov. Stroitel'skaya mekhanika, 7, no. 5, 12-16 '65.

SHELOM' RIVER—HYDROLOGY

Interaction of river waters with the banks during the spring flood in the Shelom' River basin. G. P. Kolesov. Trudy GGI no. 123 78-80 '65.

SHELOM' RIVER WATERSHED—FLOODS

Interaction of river waters with the banks during the spring flood in the Shelom' River basin. G. P. Kolesov. Trudy GGI no. 123 78-80 '65.

SHENNIKOV, ALEXANDR PEIROVICH, 1888-1962

Aleksandr Petrovich Shennikov and theoretical phylogenetics, on the 33rd anniversary of his death. N. V. Dylis. Bot. zhurn. 50, no. 1, 132-135 S '65.

SHEVCHENKO, TARAS HRYHOROVYCH, 1814-1881

Twentieth conference on Shevchenko. N. P. Chamata. Rad. It. 9, no. 5, 91-95 My '65.

From historical commentaries to the works of T. H. Shevchenko. A. Z. Baraboi. Ukr. ist. zhur. 8, no. 3, 101-107 My-Je '64.

Kostenko, V. K. [Paths to the Kobzar] Stezhky do Kobzar'ia. Kyiv, Radians'ka shkola, 1964, 69 p. (CnOTU)

Pushkin and the development of realism in the works of Shevchenko. H. M. Chernyshy. Rad. It. 9, no. 5, 49-52 S '65.

A session devoted to the 150th anniversary of T. H. Shevchenko's birth. I. H. Moskvych. O. T. Ukr. ist. zhur. 8, no. 3, 147-149 My-Je '64.

Taras Shevchenko among his Polish friends. H. D. Vervus. Ukr. ist. zhur. 8, no. 3, 75-80 My-Je '64.

Vlasovskiy, I. A. [Personality of T. Shevchenko in the light of religious thought] Obraz T. Shevchenka v svyati religioznoy dumki. New York, 1961, 32 p. (NSU)

SHEVIAKOV, LEV DMITRIYEVICH, 1889-1903

Mel'nikov, N. V. [Outstanding people in mining engineering] Vydavshchiesia dela i delo nauki. Moskva, Nedra, 1965, 99 p. (Nauchno-popularnaya seriya po gornomu delu)

SHIBOK VALLEY—PALEOBOTANY, STRATIGRAPHIC

Discovery of new plants of the Sarmatian flora in western Ciscaucasia. G. D. Pankov. Bot. zhur. 50, no. 8, 1068-1077 Ag '65.

SHIGELLA

Data on the biology and classification of dysentery bacilli. Report No. 1: Analysis of cultures of Flexner's bacillus type A and their comparison with standard cultures of Flexner's bacillus type B1 of foreign collections. L. D. Grinberg. Trudy Len. inst. epid. i mikrobiol. no. 24 210-217 '63.

Data on the biology and classification of dysentery bacilli. Report No. 2: Analysis of cultures of Flexner's bacillus type B2 and their comparison with cultures of Flexner's type C and B. L. D. Grinberg. Trudy Len. inst. epid. i mikrobiol. no. 24 218-227 '63.

Data on the biology and classification of dysentery bacilli. Report No. 3: Analysis of cultures of Flexner's bacillus type D. L. D. Grinberg. Trudy Len. inst. epid. i mikrobiol. no. 24 228-241 '63.

Data on the biology and classification of dysentery bacilli. Report No. 4: Analysis of the group components of Flexner's bacilli. L. D. Grinberg. Trudy Len. inst. epid. i mikrobiol. no. 24 242-251 '63.

Data on the biology and classification of dysentery bacilli. Report No. 5: Thermolabile antigens in subtypes of Flexner's bacilli. L. D. Grinberg. Trudy Len. inst. epid. i mikrobiol. no. 24 252-258 '63.

Data on the biology and classification of dysentery bacilli. Report No. 6: Enzymatic types of Shigella newcastle. L. D. Grinberg. Trudy Len. inst. epid. i mikrobiol. no. 24 259-265 '63.

Data on the biology and classification of dysentery bacilli. Report No. 7: Characteristics of the antigenic structure of Shigella newcastle. L. D. Grinberg. Trudy Len. inst. epid. i mikrobiol. no. 24 266-273 '63.

Disinfection of soil contaminated with the pathogens of Tisserand's dysentery. A. K. Starkova. Trudy VNIIS 24:272-273 '64.

New trends in the study of the biology of dysentery bacilli, a review of the literature. L. D. Grinberg. Trudy Len. inst. epid. i mikrobiol. no. 24 274-284 '63.

Some rare serotypes of dysentery bacilli isolated from monkeys. K. N. Kavtaradze. Trudy Len. inst. epid. i mikrobiol. no. 24 285-288 '63.

SHILONOSOVA, NATAL'IA MIKHAILOVNA

Vocation. I. Erotskii. Knizh. torg. 10, no. 4, 26-28 Ap '65.

SHIP HANDLING

Rumbling of the ship in a stern sea. I. V. Gorenkin. Trudy Kal'tekhninst. 19, no. 10, 21-27 '63.

SHIP PROPULSION

Determination of time spent by an operator in the solution of problems in the control of a marine power plant. V. I. Nikolaev. Izv. AN SSSR, Energ. i transp. no. 1, 130-145 Ji-Ag '65.

Optimal rules for the regulation of the power plant during variable resistance of water to the movement of the ship. I. P. Petov. Trudy LITV no. 64 5-10 '64.

SHIP RESISTANCE

Optimal rules for the regulation of the power plant during variable resistance of water to the movement of the ship. I. P. Petov. Trudy LITV no. 64 5-10 '64.

SHIPBUILDING see subdivision under Krasnoyarsk

SHIPBUILDING—EQUIPMENT AND SUPPLIES

Design of beds for the construction of the sections of ship hulls. B. T. Teller. Trudy Kal'tekhninst. 19, no. 10, 128-137 '63.

SHIPBUILDING MATERIALS

Determining the coefficient of heat transmission for insulated corrugated constructions without crossing the corrugations. I. U. F. Nestorov. Trudy LITV no. 69:16-21 '64.

Determining the equivalent heat conduction coefficient of insulating and adhesive materials in calculating ship insulation. I. U. F. Nestorov. Trudy LITV no. 75:23-28 '64.

SHIPBUILDING WORKERS see subdivision under Odessa

SHIPPING—ABSTRACTS

[Water transportation] Ref. zhur. Vol. transp. no. 10 O '65.

SHIPS

Economic basis of prospective types of cargo carrying vessels for the Northern Steamship Company. A. M. Ivleva, P. M. Alukhin, A. A. Bulov. Trudy LITV no. 65:26-35 '64.

Methodological directions concerning the operational and economic basis of prospective vessel types for river transportation. A. M. Ivleva. Trudy LITV no. 65:8-14 '64.

Operational and economic basis of vessel types for local cargo shipments in the steamship companies of the northwestern basin. V. V. Denisov and others. Trudy LITV no. 65:15-25 '64.

SHIPS—EQUIPMENT AND SUPPLIES

Safe arrangement of equipment on vessels sailing inland waterways. S. I. A. Prikot. Trudy LITV no. 69:45-53 '64.

SHIPS—HYDRAULIC EQUIPMENT

Mechanical movement of fluid in hydraulic torque converters. V. A. Bocharov. Trudy LITV no. 75:5-14 '64.

SHIPS—HYDRODYNAMIC IMPACT

Calculating the impact strength of fishing boats during mooring in a rough sea. V. P. Dunner. Trudy Kal'tekhninst. 19, no. 10, 117-123 '63.

SHIPS—HYDRODYNAMICS

Korolkova, I. A. [Problems of the strength of seagoing transport vessels] Voprosy prochnosti morskikh transportnykh sudov. Leningrad, Sudostroyeniye, 1965, 387 p.

SHIPS—LIFTING DEVICES see subdivision under Krasnoyarsk Hydropower Station

SHIPS—MAINTENANCE AND REPAIR

Formulation and first stage of solving the problem of mass service of transport vessels by traveling repair brigades. I. U. A. Svetlov. Trudy LITV no. 64:11-22 '64.

Strengthening the worn-out plating of a ship with elastic ribs. I. N. Semenov. Trudy Kal'tekhninst. 19, no. 10, 105-116 '63.

SHIPS—MASTS AND RIGGING see Masts and rigging

SHIPS—SAFETY MEASURES

Safe arrangement of equipment on vessels sailing inland waterways. S. I. A. Prikot. Trudy LITV no. 69:45-53 '64.

SHIPS—SANITATION

The ship and radiactivity. B. Sukhanov. Voen. znaniya, 41, no. 10, 35 O '65.

SHISHKIN, ALEXANDR FEDOROVICH, 1897-1965

A. F. Shishkin; obituary. V. Nekrasov. Zhur. Mosk. Patr. no. 0, 21-23 '65.

SHISHKIN, BORIS KONSTANTINOVICH, 1886-1963

Boris Konstantinovich Shishkin as scholar. F. G. Pobedimova. Izv. MOIP, Otd. biol. 70, no. 1, 107-109 My-Ju '65.

SHISHMAREV, VLADIMIR FEDOROVICH, 1875-1957

Akademik nauk SSSR. Arkhiv. [Manuscript legacy of V. F. Shishmarev in the Archives of the Academy of Sciences of the U. S. S. R.; description and publication] Rukopisnye nasledie V. F. Shishmareva v Arkhiv Akademi nauk SSSR, opisaniye i publikatsii. Moskva, Nauka, 1965, 245 p. (Iz Trudy, no. 21)

SHKA POVO OIL FIELD—OIL WELL SHOOTING

Practice in using the sand jet method in the Shkapovo field. N. Kh. Mustaf. N. N. Smirnov. Neft. khoz. 13, no. 9, 62-65 S '65.

SHKA POVO OIL FIELD—PETROLEUM PRODUCTION

Exploitation of flowing wells drilled in bed D₂ of the Shkapovo oil field using sinking centrifugal pumps. A. D. Antipov. Nefteprom. delo no. 3, 14-15 '65.

SHLYGIN, ALEXANDR IVANOVICH, 1905-

Aleksandr Ivanovich Shlygin; on his sixtieth birthday. Zhur. fiz. khim. 39, no. 9, 2328-2329 S '65.

SHMAKOV, PAVEL VASIL'EVICH, 1885-

On the occasion of the 60th birthday of P. V. Shmakov. Tekhn. kino i telev. 9, no. 11, 91 N '65.

SHOCK

Use of synthetic angiotensin II in the treatment of acute hypotensive states. N. I. Pavlovskaya. Kardiologiya no. 3, 84-86 '65.

SHOCK ABSORBERS

Changes of the dynamic modulus of elasticity of rubber in the speed function measured during impact. V. A. Kudryavtsev. Kruch. i rez. 24, no. 10, 39-40 '65.

Design of rubber plate type shock absorbers. V. L. Biderman, A. D. Zhukov. Kruch. i rez. 24, no. 10, 32-38 '65.

SHOCK WAVES

Disintegration of a nonevolutionary parallel shock wave. K. P. Cherkasova. Izv. AN SSSR, Mekh. no. 5, 146-149 S-O '65.

Experimental study of the formation of a jet behind the front of a shock wave emerging from divergent and supersonic nozzles. A. I. Stashinov. Vest. LGU 20, no. 10, 160-168 '65.

Pressure change caused by blast waves in closed space. N. D. Svetlov. Stroitel'skaya mekhanika, 7, no. 5, 27 '65.

Visible sound. A. E. Izant, G. I. Pokrovskaya. Priroda 54, no. 10, 65-69 '65.

SHOE INDUSTRY see subdivision under Kishinev; Uzbekistan

SHOE INDUSTRY—QUALITY CONTROL see subdivision under Leningrad, Odessa

SHOE MACHINERY

(see also subdivision under Armenia)

Improving the technique of the cementing method for sole attachment. A. S. Shvarts, I. A. Sh. Rozenblum. Kozh. -obuv. prom. 7, no. 3, 13-19 Mr '65.

New trends in the design of shoe sewing machines. S. K. Ashratova, V. N. Sokolov. Kozh. -obuv. prom. 7, no. 3, 18-20 Mr '65.

Press for cutting out parts of shoe bottoms. Z. S. Krasnik. Tekhn. -ekon. inform. Gos. nauch. -issled. inst. nauch. i tekhn. inform. 16, no. 9-38 S '65.

SHOE MANUFACTURE

Control of the thickness of the leather sole parts. O. H. Ryehkov, H. A. Piskars'kiy. Lezh. prom. no. 2, 37-38 Ap-Je '65.

Give increased attention to the quality of production. A. A. Plintus, A. V. Ryzhikh. Kozh. -obuv. prom. 7, no. 3, 5-7 Mr '65.

Improving the technique of the cementing method for sole attachment. A. S. Shvarts, I. A. Sh. Rozenblum. Kozh. -obuv. prom. 7, no. 3, 13-15 Mr '65.

New gluing methods. O. V. Farnieva. Lezh. prom. no. 2, 71-73 Ap-Je '65.

Organization of the department for centralized shoe upper production in shoe factories. M. I. Tershun and others. Lezh. prom. no. 2, 85-88 Ap-Je '65.

Shaluk, D. A. [Ways to improve wetted footwear; quality, material expenditure, and production methods] Puti sovshchenstvovaniya ranovoi obuvi; kachestvo, materialoemkost', sposoby proizvodstva. Moskva, Legkaya Industriya, 1965, 179 p.

4148

SKIN—DISEASES

(see also subdivision under Kirghizistan)

- Benign lymphadenosis of the skin. G. I. Shins'kiy, A. A. Tsylov, V. A. Kalanetskiy. Vest. derm. i ven. no. 1: 9-16 '65.
- Clinical characteristics of the Ehlert-Danlos syndrome. S. V. Melnikov, F. F. Gorbacheva. Vest. derm. i ven. no. 1: 33-35 '65.
- Comparative evaluation of the effectiveness of various corticosteroids in the treatment of some skin diseases. A. I. Solomin. Vest. derm. i ven. no. 2: 22-25 '65.
- Disturbances of metabolism in diseased and healthy skin in the treatment of patients during jugular therapy. K. V. Telc-pina. Vest. derm. i ven. no. 1: 31-37 '65.
- Relationship of plantar and palmar reflexes in epidermophytosis. D. I. Tomshitskiy. Vest. derm. i ven. no. 2: 26-32 '65.
- Results of treating dermatoses at Pyatigorsk Health Resort. V. M. Chumakov. Sborn. nauch. rab. vich. san.-kur. uch. profsoyuzov no. 1: 191-193 '64.
- Effect of steroid and blood proteins in allergic dermatoses. A. P. Baskin, V. G. Borovskaya, P. F. Patrunin. Vest. derm. i ven. no. 1: 16-22 '65.
- Some metabolic processes in dermatosis patients treated with prednisone and prednisolone. I. V. Dmitriyeva. Vest. derm. i ven. no. 2: 16-21 '65.
- Specialized dermatologic sanatorium as the basic form of organized treatment of skin diseases at a health resort. P. V. Kurbavtsov, I. I. Milkin, S. I. Doshan-skiy. Vest. derm. i ven. no. 1: 73-79 '65.
- Sulfanilamide acetylation as an indication of pantothentic acid metabolism in children with eczema and neurodermatitis. F. V. Zvetkova. Vest. derm. i ven. no. 1: 38-41 '65.
- Torsuev, N. A., and D. L. Perel'dik.** [Dispensary service for patients with chronic recurrent dermatoses] Dispensarizatsiya bol'nykh khronicheskimi retsidivirushchimi dermatozami, Kiev, Zdorov'ya, 1965. 69 p. (Obmen peredovym opytom) (DNLM)
- Use of antibiotics in the treatment of skin diseases and syphilis in children. M. A. Rozental, A. A. Studitsin, P. E. Maslov. Vest. derm. i ven. no. 2: 11-41 '65.

SKIN—DISINFECTION

- Disinfecting the skin of animals. B. S. Ustenko. Trudy VNIIVS 24: 84-100 '64.
- Searching for sporicidal means for disinfecting the skin of animals. V. S. Ustenko. Trudy VNIIVS 24: 101-106 '64.

SKIN—NECROSIS

- Role of the panniculus adiposus in the reparative process following severe radiation injuries of the skin. L. A. Afanasyova. Arkh. pat. 27 no. 6: 18-24 '65.

SKIN—TUMORS

- Recurrent leiomyoma of the skin. A. V. Ljubushin. Arkh. pat. no. 10: 57-59 '64.

SKIN—WOUNDS AND INJURIES

- Reparative process in an experimental wound under the influence of various hormones. A. I. Bukhonova. Arkh. pat. 27 no. 8: 61-61 '65.

SKIN GRAFTING

- Completeness of reparation in the regeneration of the skin in rats. E. A. Litvinov. Biol. ekol. i med. 60 no. 9: 102-106 '65.
- Free skin grafting into a defect of the mucous membrane of the oral cavity. M. P. Barchukov. Prikl. khim. no. 1: 47-50 '65.
- Immunological reactivity of the body of burn patients following skin autoplasty. E. I. Gitis, D. D. Laimburg. Gemat. i perel. krovi 1: 143-145 '65.
- Microflora of a free skin graft in a plastic surgery of clear operative wounds and the effect of immunin on it. O. V. Dol'nyts'kiy, P. S. Volosovets. Mikrobiol. zhur. 26 no. 4: 46-49 '65.
- Morphological and biochemical changes in homologous skin following thermal treatment with formalin. D. G. Petrov and others. Gemat. i perel. krovi 1: 156-160 '65.
- Present state of the problem of skin homoplasty and the development of this method in treating patients with burns, survey of the literature. N. D. Kazantseva, Ortop., travm. i protez. 26 no. 9: 79-87 '65.
- Skin homoplasty in burn disease in children. D. E. Laimburg, R. D. Rishala. Gemat. i perel. krovi 1: 146-149 '65.

SKIN GRAFTING—TOXICOLOGY

- Immunological and toxic changes in experimental homotransplantation of the skin. L. G. Doroshenko. Gemat. i perel. krovi 1: 154-155 '65.

SKINKS see subdivision under Georgia

SKIS AND SKIING

- Accelerated gluing in the manufacture of skis. G. M. Busygin, O. A. Slizkov, N. T. Ushakov. Der. prom. 14 no. 8: 21-22 Ag '65.

- Efficiency of racing skis on ski lifts. M. A. Bregman, V. A. Pustafayev, L. V. Ivanova. Teori i prak. fiz. kul't. 28 no. 10: 22-27 O '65.

- Hard-alloy cutting instrument for ski processing. I. P. Zakharenko, I. M. Kuris, I. A. Babenko. Der. prom. 14 no. 8: 25-26 Ag '65.
- Use of special exercises during the training of young skiers in ski jumps from a springboard. A. A. Stepanov. Teori i prak. fiz. kul't. 28 no. 10: 27-31 O '65.

SKOCHINSKI, ALEKSANDR ALEKSANDROVICH, 1874-1960

- Melnikov, N. V.** [Outstanding people in mining engineering] Vydaushchiesia delaitei gornoi nauki. Moskva, Nedra, 1965. 89 p. (Nauchno-populjarnaja serija po gornomu delu)

SKULL

- Evolutionary significance of the transformations of the ear part of the skull in birds. V. D. Il'ichev, N. N. Kartashev. Zool. zhur. 11 no. 6: 937-940 '65.

SKULL—ABNORMALITIES AND DEFORMITIES

- Neurological complications of craniovertebral anomalies. L. V. Paramonov, I. P. Kolomoitseva. Trudy 1-go MMI 38: 363-376 '65.

SKULL—TUMORS

- Treatment of eosinophilic granulomas of the cranial vault. L. G. Erokhina, I. G. Almazova. Sov. med. 28 no. 3: 115-118 Mi '65.

SKY—LUMINANCE

- Some polarization features of the day sky. V. G. Fesenkov. Astron. zhur. 42 no. 5: 1081-1088 S-O '65.

SLAG

- Boring and blasting operations in hot slags. A. T. Volov, Bezop. truda v prom. 9 no. 8: 19-20 Ag '65.
- Flotation recovery of copper from converter slags at the Mednogorsk plant. M. I. Kovysheva, M. A. Riskin, I. A. Strotel'sev. TSvet. met. 38 no. 6: 42-43 Je '66.
- Pore formation in slag melts in the state of bubbling. I. I. Klenigodskii, S. V. Petrov. Izv. AN SSSR, Neorg. mat. 1 no. 5: 788-791 My '65.
- Recovery of cast iron from the blast furnace slag in the Ukraine. I. M. Arlat and others. Met. i gornorud. prom. no. 4: 8-9 Ji-Ag '65.
- Simultaneous hydrochemical treatment of gehlenite-dialuminate slags with nepheline. A. R. Rakhimov, S. F. Akhmetov, V. D. Ponomarev. Izv. vyz. uchab. zav., tsvet. met. 8 no. 5: 71-78 '65.
- Using as fertilizers the Monchegorsk mining and ore dressing industry by-products containing microelements. S. M. Vartapetian. Probl. Sev. no. 9: 286-290 '65.

SLAG—ANALYSIS

- Selecting the optimal slag composition for shaft furnace melting of lead. V. I. A. Zaitsev and others. TSvet. met. 38 no. 6: 23-28 Je '65.
- A two-stage method of obtaining titanium slag. E. E. Movsesov, V. P. Pechukin, M. N. Bystronin. Met. i gornorud. prom. no. 4: 49-51 Ji-Ag '65.

SLANDER

- Bellavskii, A. V.** [Good name and a bad tongue] Dobroe im'ia i zlojazyk. Moskva, Sovetskaja Rossiia, 1965. 100 p.

SLAVERY see subdivision under Rome

SLAVIC ANTIQUITIES

- (see also subdivision under Danube Valley, Titchukha, Voronezh Province)
- Numismatics in the works on the early history of eastern Slavic tribes. M. I. Brichevs'kiy, Ist. dzhur. i ikh vyk. no. 1: 141-168 '64.

SLAVIC LANGUAGES—WORD FORMATION

- Specialized methods of comparative studies on derivation. I. I. Kovalyuk. Vianyik L'viv, un. Sei. filol. no. 3: 90-92 '65.

SLAVS, WESTERN

- From the history of the studies of Slavic medieval institutions, the problem of the "zhupa" and "zhupan" in historiography. V. P. Gachev. Uch. zap. Inst. slav. 28: 178-203 '65.

SLEEP

- Case of encephalitis with a periodic "sleep" syndrome. N. M. Stepanova. Trudy Vor. med. inst. 51: 90-102 '63.

SLEEP—LEARNING

- Hypnopedia, search, successes, and doubts... V. Shersakov. Sem'ia i shkola 26 no. 9: 27-28 S '65.

SLEEP THERAPY

- Sergeev, G. V.** [Electrosleep treatment of hypertension patients controlled by the examination of their higher nervous activity] Lechenie elektrosnom bol'nykh gipertonicheskoi bolezn'ju pod kontrolom issledovaniia ikh vysshej nervnoi deiatel'nosti. Moskva, Meditsina, 1965. 226 p. (DNLM)

SLIDE RULE

- Kuz'min, V. A.** [Using a slide rule with a special runner in fitting and machining work] Ispol'zovanie logarifmicheskoi lineiki so spetsial'nym dvizhkom pri vypolnenii slezan'no-mekhanicheskikh rabot. Leningrad, 1965. 16 p. (Leningradskii dom nauchno-tehnicheskoi propagandy. Protivodetvennyi opyt. Serija. Metody i sredstva kontrolya, kachestva i nadezhnosti mashin i priborov)

SLOPES (PHYSICAL GEOGRAPHY)

- Characteristics of the development of slopes. A. M. Tril'mov. Izv. vyz. uchab. zav., geol. i gorn. 6 no. 5: 35-37 My '65.

SLOVAK LANGUAGE—DICTIONARIES—RUSSIAN

- Lauko, Ondrej.** [Russian-Slovak and Slovak-Russian dictionary of building terms] Rusko-slovanskij a slovansko-russkij stavebnickij slovník. Bratislava, Slovenské vyd.-vo technickej lit-ry [1964] 1305 p.

SLOVAKIA—WORLD WAR, 1939-1945—FICTION

- Two novels on the Slovak uprising, "I ngelchen avniti i death" by L. Mnacko and "Dead gold from don't stay" by R. Jasik. S. I. Druza. Vest. Mosk. un. Ser. 7: 116-117, zhur. 20 no. 5: 73-75 S-O '65.

SLUGS (ZOOLOGY) see subdivision under Caucasus

SLUICE GATES

- Determining the total pressure of earth filling on the walls of sluice chambers. V. M. Gopoltzina, S. A. Frid. Trudy Leningradskogo 1: 114-119 '61.

SLUICES

- Energy dissipators below tubular outlet works. I. Y. Saratov. Gidrot. i met. 17 no. 10: 20-30 O '65.

SLYN'KO, PETRO FEDOROVICH, 1895-1919

- A hero of the revolutionary underground; the 70th anniversary of P. F. Slyn'ko's birth. S. I. A. Sluchavskiy. Ukr. Ist. zhur. 9 no. 9: 141-143 Ag '65.

SMALLPOX—MICROBIOLOGY

- Selection and the properties of genetically homogeneous variants of the smallpox vaccine virus. S. S. Mironenko, N. N. Mal'tseva. Vop. vuz. 10 no. 2: 147-149 Mr-Ap '65.

SMELTING FURNACES

- Coke quality requirements for the intensification of blast furnace smelting. I. D. Balon, G. V. Zhuravlev, S. Z. Pilyukina. Koka i khim. no. 10: 23-24 '65.

SMERAL, BOHUMÍR, 1880-1941

- Bohumír Smeral; on the 65th anniversary of his birth. G. N. Pominov. Vop. int. KPSS 9 no. 10: 81-89 O '65.

SMILTENE (LATVIA)—COMMUNIST PARTY OF THE SOVIET UNION

- Communists of a small village. I. Stulnikov. Part zhurnal. no. 2: 63-64 N '65.

SMOLENSK PROVINCE—HOUSING FOR PHYSICALLY HANDICAPPED

- They work with enthusiasm. I. Godin. Sots. obshch. 26 no. 10: 43 O '65.

SNAKES

- Effect of the blood of Vipera lebetina L. on ticks of the genus Ornithodoros. D. T. Zhogolev. Zool. zhur. 44 no. 9: 1422-1423 '65.

SNIPES see subdivision under Tuva A. S. S. R.

SNOW

- (see also subdivision under Caucasus, Schlammacher Ponds, Antarctica, Siberia, Soviet Far East)
- Evaluation of the effect of snow cover on the air temperature in spring in the mountain part of the USSR. T. V. Polovinskaya, L. P. Spitsina. Trudy GGO no. 10: 110-113 '65.

SNOW SURVEYS

- (see also subdivision under Stanovoy Range)
- A facilitated method for determining streamflow by melting snow in mountain regions. V. I. Poklepov. Trudy TBINCIMI no. 15: 123-126 '64.

SNOWDROPS

- Chromosome numbers of some species of the genus Galanthus L. (Amaryllidaceae). L. I. Sveshnikova. Bot. zhur. 50 no. 5: 689-692 My '65.

SOAP

- From the experience in the cooking of high-quality bean soup for toilet soaps. M. N. Zalkov, I. M. Tsvetlin. Maslozhir. prom. 31 no. 10: 35-35 O '65.

SOAP INDUSTRY

- From the experience in the operation of the TNE-2 unit. N. A. Efremov. Maslozhir. prom. 31 no. 7: 13 Ji '65.

SOAPBERRY

Physicochemical study of the soapberry tree. Report No. 1. Study of saponins in the seed vessel of the soapberry tree. N. I. Zyl'ova, P. H. Krivonozhuk, Izvestiya Khim. 20 no. 1:66-70 '65.

SOAPPROOF see subdivision under Turkeystan

SOCCER see subdivision under Rostov-on-Don

SOCIALLY-HEALTHY RESORTS, WATERS, PLACES, ETC.

The case open to the sun. A. Komarov. Oblezheniya i ozdorovleniye. 31 no. 31:42-44 '65.

SOCIAL ETHICS see subdivision under United States

SOCIAL INSURANCE see Insurance, Social

SOCIAL SCIENCE RESEARCH—METHODOLOGY

The problems of concrete sociological research. V. A. Ilyin. Nuch. dokl. vuz. dokl. i nauch. rab. 31 no. 3:4-11 '65.

SOCIAL SCIENCES

Topic of lecture at the philosophical faculty. I. A. Izrael, Vost. Mosk. univ. 21 no. 11:10-11 '65.

The role of social sciences in the building of communism. V. Ilyin, I. G. Gerasimov. Trudy MIF no. 180:6-11 '65.

SOCIAL SCIENCES BIBLIOGRAPHY see Bibliography—Social sciences

SOCIAL SCIENCES—HANDBOOKS, MANUALS, ETC.

[Chemistry of social sciences for secondary schools and special education institutions] Khimicheskaya pozhnaya vysshaya shkola. 21 no. 1:10-11 '65.

SOCIAL SCIENCES—STUDY AND TEACHING

Initial and everyday experience of students in social science classes. M. P. Polakov. Vech. med. shkola 31 no. 5:22-25 '65.

Joint classes. M. D. Rubinschik. Vech. med. shkola 31 no. 5:20-23 '65.

Let's teach them to follow the example of the best. V. Shostak. Prof. stekhn. 22 no. 10:9-10 '65.

Let's train young people in the building of communism. Vost. yun. shkola 21 no. 10:11-12 '65.

Socialist problem lecture. D. K. Pilepukh. Vost. yun. shkola 21 no. 10:11-12 '65.

Working with the social science textbook. I. A. Ratnikov. Vech. med. shkola 31 no. 5:20-23 '65.

SOCIALISM

(see also subdivision under Moldavia)

Advantages of the socialist system of management. A. Chumov. Agitator 31 no. 9:13-14 '65.

[Socialist method of production] Sotsialisticheskiy spetsialnyy metod. [Kiyv] Vyd-vo Kyivskh. univ., 1963. 120 p.

SOCIALIST COMPETITION

Our forward workers. B. G. Agabekov. Komm. tov. prazn. 30 no. 1:15-17 '65.

People among people. V. Chernov. Sov. profsoyuz 31 no. 2:14-15 '65.

Socialist competition and the organization of labor in the units of the Russian Federation. Msk. koley. prazn. 31 no. 9:1-2 '65.

Work on the "Zapoznachal" deedworkers do. M. Kuznetsov. Msk. koley. prazn. 31 no. 9:1-2 '65.

SOCIALIST INTERNATIONAL

International organization of socialists. A. Shuganova. Msk. koley. prazn. 31 no. 1:174-175 '65.

SOCIALIST PROPERTY

(see also subdivision under Donetsk)

Contract to protect socialist property by nonagency protective guards attached to the organs of police. M. G. Murkova. Izv. vyz. ucheb. zav. i prav. 9 no. 1:151-154 '65.

S. M. Kuznetsov "The law of state socialist property of the U.S.S.R." B. B. Gerasimov, I. K. Tolstoy. Izv. vyz. ucheb. zav. i prav. 9 no. 1:174-175 '65.

Volkov, V. V. [Toward united communist property] K voprosu ob'edineniya sotsialisticheskoy i gosudarstvennoy svoystva. Chelabinskoe knizhnoe izd-vo, 1963. 98 p. (CS-10)

SOCIALIST REALISM

Socialist realism and modernism. M. Kuznetsov. Jit. i krasn. 31 no. 5:32-33 '65.

SOCIETY AND COMMUNISM see Communism and society

SOCIOLOGICAL JURISPRUDENCE

Problem of legal relations. V. A. Tarlov. Izv. vyz. ucheb. zav. i prav. 9 no. 1:21-27 '65.

SOIL CUTTING MACHINES

Reconstruction of the D-162 ripper for soil-cutting machines. A. M. Avet'yanov. Mekh. shkol. 22 no. 8:13-14 '65.

SODIUM—ANALYSIS

Determination of sodium in lead of high purity. A. M. Dolgova, N. I. A. Chalkov, A. V. Fokhova. Zav. khim. 31 no. 5:100-105 '65.

SODIUM—SPECTRA

Determination of sodium in petroleum products by the yellow doublet with the use of the D-162 ripper. T. G. Moskvina, M. I. Orlov, S. B. Sorokina. Khim. i tekhn. topol. i mater. 10 no. 10:57-58 '65.

Variations in sodium luminance in twilight. I. G. Megretskiy. P. I. T. 1 no. 1:10-11 '65.

SODIUM ALUMINATES

Interaction between sodium aluminate and diethylene glycol. I. I. Murzinov, S. A. Gakhov, G. V. Kuznetsov. Zhur. prikl. khim. 31 no. 1:181-183 '65.

SODIUM ALUMINATES—ELECTRIC PROPERTIES

Conductance of sodium aluminate solutions at high temperatures. I. M. Makshova, V. Maslova, V. G. Gakhov. Zhur. prikl. khim. 31 no. 1:181-183 '65.

SODIUM BOROHYDRIDE

Reaction of sodium borohydride with anhydrous magnesium chloride in N,N-dimethylformamide. V. I. Kishchuk, V. N. Konev, Zhur. neorg. khim. 10 no. 10:210-211 '65.

Thermal analysis of the system sodium borohydride-hydrochloric acid. G. A. Igonenko, D. S. Stankovich, L. S. Antonov. Dokl. AN SSSR 164 no. 1:400-401 '65.

SODIUM CARBONATES

Sodium used for the preservation of raw hides. I. K. N. Shumilov. Trudy VNIIV 21:162-163 '61.

SODIUM LACTATE—PHYSIOLOGICAL EFFECT

Administration of a hypertonic solution of sodium lactate to animals in hypothermia complicated by hemorrhage and in hemorrhagic shock. I. A. Plavchik. Dokl. i prot. kongr. 1:61-63 '65.

Decomposing the toxic effects of penicillin on the cardiac activity by means of sodium lactate. T. V. Vetrovskiy. Dokl. i prot. kongr. 1:61-63 '65.

Glycolytic processes in washed out erythrocytes and the effect of sodium lactate on them. T. I. Nivkova-Danilova. Dokl. i prot. kongr. 1:61-63 '65.

SODIUM META PHOSPHATES

Deposits of polymerization of sodium metaphosphate at various temperatures. I. M. Pchelintsev, A. I. A. Zvonovskiy, I. B. Gerasimov. Izv. AN SSSR, Neorg. mat. 1 no. 5:77-79 '65.

SODIUM NITRIDE—SPECTRA

Effects on paramagnetic resonance spectra of irradiated frozen aqueous solutions. Report No. 2. Aqueous solution of sodium nitride. B. G. I. Ilyin and others. Izv. AN SSSR, Ser. khim. 10:1760-1763 '65.

SODIUM SILICATES—TOXICOLOGY

The toxic effect of sodium metasilicate. I. A. Shakhmatov. Zhur. neorg. khim. 10 no. 1:14-15 '65.

Use of sodium silicate in disinfecting preparations for animals with foot-and-mouth disease. I. A. Shakhmatov, N. I. Alekseyev, I. K. Kuznetsov, A. V. Gerasimov. Trudy VNIIV 21:162-163 '61.

SODIUM THIOSULFATE

Nature of the catalytic action of titanium (IV) in the reaction of hydrogen peroxide with sodium thiosulfate. A. K. Babko, V. A. Gerasimov, Zhur. neorg. khim. 10 no. 1:2076-2079 '65.

SODIUM TITANATES

Study of alkaline solutions of sodium metatitanate in the presence of glycerol. G. G. Kozlovskiy, N. T. Kudryavtsev, R. G. Gerasimov, Zhur. neorg. khim. 31 no. 1:2200-2203 '65.

SODIUM ZIRCONYL SILICATE

Production of sodium (zirconyl) and sodium hafnate silicate crystals. V. G. Chukhantsev, I. D. M. Tolstoy. Izv. vyz. ucheb. zav. i prav. 9 no. 1:200-201 '65.

SOIL—TEACHERS, TRAINING OF

Cooperation between schools and the institute. T. D. Gurecheva. Shkola i prazn. 9 no. 5:88 '65.

SOILS see Soils

SOPRONENKO, KSENIA ALEXANDROVNA, 1906-

Professor K. A. Sopronenko's 60th anniversary. Izv. vyz. ucheb. zav. i prav. 9 no. 1:200 '65.

SOFT DRINKS see subdivision under Armenia

SOIL ADSORPTION

Exchange adsorption of potassium in soils and clays at low temperatures. P. I. Plutunova, I. N. Antipov-Iaroslav, Pochvovedenie 31 no. 3:10-15 '65.

SOIL BIOLOGY

Biological activity of soil during the decomposition of organic materials. B. N. Makarov. Agrobiol. 31 no. 3:10-15 '65.

Changes in the enzymatic activity of glycolytic soils as related to their location. I. S. Dolgova, I. N. Antipov-Iaroslav. AN SSSR Ser. biol. 10:1760-1763 '65.

SOIL CHEMISTRY—STUDY AND TEACHING

Studying the soil acidity. I. S. Dolgova. Shkola i prazn. 9 no. 5:88-89 '65.

SOIL CONDITIONS

Effect of polymeric soil conditioners on the fertility of soil and the yield of cotton. I. I. Ilyin. Khim. v sel'sk. khoz. 31 no. 5:100-105 '65.

SOIL CONSERVATION

(see also subdivision under Moldavia)

Effectiveness and characteristics of the action of mineral fertilizers on eroded soils. G. V. Gerasimov. Khim. v sel'sk. khoz. 31 no. 5:100-105 '65.

SOIL CONSERVATION—CONGRESSES

In the Ministry of Agriculture of the U.S.S.R. I. I. Ilyin, D. I. Ilyin, T. I. Ilyin. Zemel'noye 21 no. 10:95-97 '65.

SOIL CONSERVATION—LAWS AND LEGISLATION see subdivision under Ukraine

SOIL DISINFECTION

Disinfection of soil contaminated with the pathogens of Typhoid fever and dysentery. A. K. Stankovich. Trudy VNIIV 21:162-163 '61.

Disinfection of soil with a solution of calcium hypochlorite. A. A. Polakov. Trudy VNIIV 21:162-163 '61.

Disinfection of soil with dry calcium hypochlorite. A. A. Polakov. Trudy VNIIV 21:162-163 '61.

Effectiveness of soil fumigation in the control of the outbreak of mustard family plants. I. M. Polakov and others. Trudy VNIIV 21:162-163 '61.

Interaction of chlorine and soil in disinfection. A. A. Polakov. Trudy VNIIV 21:162-163 '61.

SOIL FAUNA

Donetsk, B. V., and A. V. Panomarenko. [Chemical control of harmful insects in the soil] Khimicheskaya kontrol' vrazhnykh usokamyuyayushchey. 2, chap. 1. [Moscow] Izd-vo Mosk. univ., 1965. 120 p. (DNI)

SOIL FORMATION

Methods for preparing thin sections from soil-forming rocks for radioluminescence measurements. A. M. Polakov. Pochvovedenie 31 no. 5:100-105 '65.

SOIL FUNGI see subdivision under Azerbaijan; Balkan Province, Kyzyl Kum, Udmurt region (Novosibirsk Province)

SOIL MECHANICS

Application of electron beams for the inhibition of soils and grounds. S. N. Kozlov, G. A. Gerasimov. Koll. zhur. 27 no. 5:705-714 '65.

Characteristics of the deformation of buildings in the construction of station tunnels in soft rocks. I. A. Ilyin, V. P. Polakov. Stroytrud, LITIZIT no. 202:65-74 '63.

Determining the reactive pressure under a circular plate on a soil creeping foundation bed. N. I. Kozlovskiy. (Msk. koley. prazn. 7 no. 5:9-12 '65).

Nazarov, A. G. [Mechanical simulation of soil deformation] (Msk. koley. prazn. 7 no. 5:9-12 '65).

Rock pressure in elastic-plastic rocks. O. B. Buganova. Stroytrud, LITIZIT no. 202:65-74 '63.

SOIL MICRO-ORGANISMS

Effect of low temperatures and pathogenic soil microflora on the water uptake of therophilic plants. I. A. Norgazov, V. K. Solov'yev. Fiziol. rast. 12 no. 5:500-510 May-June '65.

Use of the fluorescent antibody method for detecting the blue mold in soil and dust. I. I. Ilyin. Trudy VNIIV 21:162-163 '61.

SOIL MOISTURE

(see also subdivision under Kazakhstan; White Russia)

Change in the mineral phosphate content in drying soils. P. I. Plutunova, I. N. Antipov-Iaroslav, Khim. v sel'sk. khoz. 31 no. 5:100-105 '65.

Method of making calculations of the supply of moisture in soils more exact. V. K. Chukreev. Trudy GGI no. 123:48-52 '65.

SOIL MOISTURE (Continued)

- Selection of permanent places for determining moisture reserves characterizing the soil moisture of a farming area. S. I. Dolgov. Trudy TSIP no 145 30-41 '65.
- Some problems of regulating the moisture of podzolized and leached Chernozems. V. F. Pashin. Pochvoedenie no 9 50-56 '65.
- Spatial variability and methods of calculating soil moisture on irrigated fields. L. A. Razumova. Trudy TSIP no 145 3-20 '65.

SOIL MOISTURE—EFFECT ON PLANTS see Plants, Effect of soil moisture on

SOIL MOISTURE—MEASUREMENT

- Computing devices for calculating the percentage of soil moisture. Georgii St. Zlatev. Pochvoedenie no 9 76-80 '65.
- Determining the soil moisture available to plants under field conditions (methods and apparatus). S. F. Negovlov. L. P. Zhukh. Pochvoedenie no 9 81-86 '65.
- Methods for calculating the moisture supply in a 10-centimeter soil layer. I. S. Shpak. Pochvoedenie no 9 56-63 '65.
- Methods for determining the moisture in gypsum-bearing soils. I. F. Monotov. Pochvoedenie no 9 72-76 '65.

SOIL PERCOLATION

- Formation of a percolation flow under the channel in nonhomogeneous loess-like loams. V. E. Rainin. Izv. VNIIG 78 249-255 '64.
- Methods of determining the characteristics of soil percolation according to the data of systematic observations. O. N. Nosova. Izv. VNIIG 76 185-190 '64.
- Percolation of cross-linked systems in a porous underformable medium. A. S. Smirnov. Izv. VNIIG 76 205-218 '64.
- Wash of soils by concentrated clay suspensions. A. S. Smirnova. Izv. VNIIG 76 218-231 '64.

SOIL RESEARCH

- Soil maps and soil research from 1920 to 1930 in the materials of the Central State Archives of the National Economy of the U S S R, information survey. R. I. A. Okuneva. Pochvoedenie no 9 91-93 '65.

SOIL SCIENCE—CONGRESSES

1965

1966

1967

1968

1969

1970

1971

1972

1973

1974

1975

1976

1977

1978

1979

1980

1981

1982

1983

1984

1985

1986

1987

1988

1989

1990

1991

1992

1993

1994

1995

1996

1997

1998

1999

2000

2001

2002

2003

2004

2005

2006

2007

2008

2009

2010

2011

2012

2013

2014

2015

2016

2017

2018

2019

2020

2021

2022

2023

2024

2025

2026

2027

2028

2029

2030

2031

2032

2033

2034

2035

2036

2037

2038

2039

2040

2041

2042

2043

2044

2045

2046

2047

2048

2049

2050

2051

2052

2053

2054

2055

2056

2057

2058

2059

2060

2061

2062

2063

2064

2065

2066

2067

2068

2069

2070

2071

2072

2073

2074

2075

2076

2077

2078

2079

2080

2081

2082

2083

2084

2085

2086

2087

2088

2089

2090

2091

2092

2093

2094

2095

2096

2097

2098

2099

2100

2101

2102

2103

2104

2105

2106

2107

2108

2109

2110

2111

2112

2113

2114

2115

2116

2117

2118

2119

2120

2121

2122

2123

2124

2125

2126

2127

2128

2129

2130

2131

2132

2133

2134

2135

2136

2137

2138

2139

2140

2141

2142

2143

2144

2145

2146

2147

2148

2149

2150

2151

2152

2153

2154

2155

2156

2157

2158

2159

2160

2161

2162

2163

2164

2165

2166

2167

2168

2169

2170

2171

2172

2173

2174

2175

2176

2177

2178

2179

2180

2181

2182

2183

2184

2185

2186

2187

2188

2189

2190

2191

2192

2193

2194

2195

2196

2197

2198

2199

2200

2201

2202

2203

2204

2205

2206

2207

2208

2209

2210

2211

2212

2213

2214

2215

2216

2217

2218

2219

2220

2221

2222

2223

2224

2225

2226

2227

2228

2229

2230

2231

2232

2233

2234

2235

2236

2237

2238

SOLNECHNOGORSK (MOSCOW PROVINCE)—SHOOTING

A section picks up speed. V. Chulitskii, Voen. znan., 11 no. 10-11 O '65.

SOLUBILITY

Investigating the system $\text{BaSO}_4\text{-MgSO}_4\text{-H}_2\text{O}$ at 25 and 60° G. D. Savitskova, A. I. Zazubrin, Trudy Inst. met. i obog. AN Kazakh SSR 119-11 '65.

Solubility and thermodynamic constants of some sparingly soluble strontium compounds, I. V. Kolesov, Zhur. neorg. khim., 10 no. 6 2200-2203 '65.

Solubility in the system $\text{KCl-KClO}_3\text{-H}_2\text{O}$ at 25 and 50°C. A. F. Tsimbulskaya, L. N. Lepeshkov, Zhur. neorg. khim. 10 no. 9:2163-2168 '65.

Solubility in the system $\text{MgO-PbO}_2\text{-H}_2\text{O}$ in its metastable state, M. D. Pozin, B. A. Forylev, M. M. Taimanov, Zhur. prikl. khim., 38 no. 6:1267-1273 '65. Studying solubility in the system $\text{Sc}_2(\text{SO}_4)_3\text{-Al}_2(\text{SO}_4)_3\text{-H}_2\text{O}$ at 75° A. I. Zazubrin, G. D. Savitskova, Trudy Inst. met. i obog. AN Kazakh SSR 1115-17 '65.

SOLUBLE GLASS

Study of soluble glass in a d.c. field B. P. Gribunov, V. I. Chayev, Ozn., fund. i mekh. g. 7 no. 5:1-5 '65.

SOLUTION (CHEMISTRY)

Complex systems with metal hydroxides, N. V. Marutishvili and others, Soob. AN Gruz. SSR 39 no. 1 67-71 '65.

Density of the diluted solutions of some fiber-forming polymers, N. V. Mikhailov, S. G. Yilmova, I. F. Byrkova, Khim. volok., no. 5:8-13 '65.

Minimum on solubility isotherms, E. B. Shternina, G. A. Rykova, Zhur. neorg. khim., 10 no. 9:2152-2155 '65.

Types of electrograms in the investigation of reactions in the systems electrolyte I - electrolyte II - water and electrolyte - nonelectrolyte - water according to the continuous measurement method, I. A. Glumov, L. M. Mel'nikenko, Zhur. obkhim., 35 no. 10:1695-1702 O '65.

SOLUTION (CHEMISTRY)—ACOUSTIC PROPERTIES

Hydroacoustic properties of solutions benzene-toluene, benzene-p-xylene, and pyridine-p-xylene, G. G. Sukhotina, M. I. Shakharenov, Zhur. fiz. khim., 39 no. 9:2237-2244 '65.

SOLUTION (CHEMISTRY)—THERMODYNAMICS

Interpolation of the properties of solutions as functions of the composition, Part I Effect of the number of components and degree of equation on the number of experimental data required, S. S. Nikol'skii, Teoret. i eksper. khim., 1 no. 1 168-172 '65.

Method of determining activity in ternary systems based on the thermodynamic properties of binary solutions B. P. Buzylev, Teoret. i eksper. khim., 1 no. 1:548-550 '65.

SOLUTIONS (PHARMACY)

Studies in the field of preparing injection solutions. Report No. 2: Effect of hydrogen-ion concentration on the stability of diazine, benzine and novocaine injection solutions, M. D. Denysov, Farmatsiya, 20 no. 1 16-18 '65.

SOLUTIONS (PHARMACY)—MICROBIOLOGY

Microbiological purity of solutions for injections and eye drops, E. A. Nikol'skaya, A. M. Bugdanova, Z. A. Stepanova, Apt. delo 11 no. 1:63-68 Jan '65.

SOLUTIONS, SOLID

Effect of small amounts of a third component on the properties of FeAl , V. A. Tishchikina, L. A. Kucharenko, K. G. Khomakov, Vest. Mosk. un. Ser. 2: Khim., 20 no. 4:57-58 Ji-Ag '65.

Pore formation in the disintegration of solid solutions of divalent ions in sodium chloride, M. I. Abayev, M. I. Kornfeld, Fiz. tver. tela 7 no. 9:2800-2815 '65.

Solid solutions of $35\text{FeO}\cdot\text{SiO}_2$ in $10\text{CaO}\cdot\text{SiO}_2$ and their properties, I. U. M. Buti, V. V. Tishchenov, V. E. Koushan'skii, Izv. AN SSSR, Neorg. sint., 1 no. 5:790-793 My '65.

Studying the order in an equiatomic germanium-silicon solid solution by measuring the diffuse scattering of X rays, I. A. S. Unanuek, V. I. Prilepkii, S. S. Gorokh, Fiz. tver. tela 7 no. 9:2873-2877 '65.

System consisting of cesium-thallium nitrates and nitrates, P. I. Protosenko, L. L. Galtova, Zhur. neorg. khim., 10 no. 9:2124-2128 '65.

SOLUTIONS, SOLID—MAGNETIC PROPERTIES

Effect of plastic deformation on the magnetic susceptibility of solid solutions, I. A. Dekhtiar, R. G. Fedchenko, Dokl. AN SSSR 161 no. 6:1032-1034 O '65.

SOLVATION

Spectroscopic method of investigation of the solvation between UCl_4 and molecules of neutral organophosphorus compounds, A. A. Lipovskii, S. A. Nikitina, N. E. Iakovleva, Radiokhimiya 7 no. 5:863-872 '65.

SOLVENT NAFTHA

Production of plastics from solvent naphtha V. I. A. Chulitskii, I. I. Kallashii, Koks i khim. no. 3:12-16 '65.

SOLVENTS

Complexes of platinum oxide and glass indicator electrodes in acid-base titration. Effect of nonaqueous solvents, the nature of the titrant, and various additions V. I. Petukhov, O. M. Podukhov, I. I. Tsimbulskaya, Zhur. anal. khim. 20 no. 4:787-789 '65.

Direct determination of uranium in organic solvents L. B. Kos, L. A. Shchur, Zhur. anal. khim. 20 no. 8:820-823 '65.

Dissociation, dimerization, and distribution of diethylphosphoric, diethylphosphoric, and diethylphosphoric acids in the system n-octane - 0.1 M HClO_4 - HClO_4 solution, V. S. Ushakov, B. A. Sviridova, Radiokhimiya 7 no. 5:538-541 '65.

Effect of solvents on chemical shifts of the nuclear magnetic resonance of protons of the O-H group in compounds with a strong intramolecular hydrogen bond of the O-H...O type, N. N. Shchepet'ko, Teoret. i eksper. khim., 1 no. 1:511-515 '65.

SOLVOLYSIS

Kinetic study in the series of five-membered heterocyclic compounds of aromatic nature, Part 3 Kinetics of solvolysis of substituted in position 2,2-chloromethylphenol in methyl alcohol, I. U. A. Iudin, N. A. Gal'tshman, V. I. Prokofeva, Izv. vuzov, khim., 1 khim. tekhn. 8 no. 3:121-125 '65.

SOMATOTROPIN

Reparative process under the combined effect of somatotropin and prednisolone, A. I. Bushanova, Dokl. AN SSSR 165 no. 1:245-248 N '65.

SONAR IN FISHING

Possibilities for the use of a fish locating device, K. I. Iudin, Ryb. khoz., 41 no. 3:37-37 '65.

Selecting the optimum angle of inclination for the vibrator of a sonar station, A. G. Lybin, Trudy K. I. tekhn. inst. ryb. prom. i khoz., no. 18:247-250 '65.

SONNET

Philosophy of the sonnet or a brief piece on the sonnet Johannes R. Becker, Vop. lit., 9 no. 19:190-208 O '65.

SORBENTS

Adorbents nauk SSSR, Institut fizicheskoi khimii, [Studies of the properties of ion-exchange materials] Issledovaniia svoisty ionobmennyykh mater. (als), Moskva, Nauka, 1964, 231 p. (NIC)

SOROKHINSK DISTRICT—STATE FARMS

A state farm artist, R. Doronina, Agitator 33 no. 20, 45-47 O '65.

SORPTION

Estimating the sorption activity of clays, M. S. Metabol'skii, O. M. Mdivanishvili, G. A. Ponomareva, Trudy KEMS no. 5:15-40 '63.

Some characteristics of molecular sorption on ion-exchange resins, H. I. Starobinets, O. F. Khmelych, Dokl. AN BSSR 9 no. 8:516-518 Ag '65.

Sorption of monovalent thallium by means of oxidized coal, V. G. Koryashin, V. D. Ponomarev, I. A. Korovin, Zhur. prikl. khim., 38 no. 6:1230-1235 '65.

Study of the sorption properties of an anodic oxide film on aluminum by the traces method, Part 5 Effect of temperature Sorption dependent on the concentration of solution-filler at high temperatures, A. F. Bogdanovskii, V. I. Belov, E. M. Kozlov, Izv. vuzov, ucheb. zav., khim. i khim. 8 no. 3:407-410 '65.

SOUL

Frank, S. L., [The soul of man, an introduction to philosophical psychology] Dusha cheloveka, opyt vvedeniia v filosofskii psikhologii, Izd. 2, [Paris] YMCA-Press [1964] 328 p. (KU)

SOUND—APPARATUS

"Zvuk" unit for automating single-stage milling cycles at ore dressing plants, L. N. Raikunov, V. V. Pidorich, TSvet. met., 38 no. 6:11-18 Je '65.

SOUND—RECORDING AND REPRODUCING

Sound-track printing production, D. B. Iampol'skii and others, Poligrafia no. 9:16-17 S '65.

Speed stabilizer unit with asymmetric rigid atm., V. V. Solomonik, Trudy LKI no. 12:13-23 '64.

SOUND—SPEED

The Frankel - Gubanov formula and the interrelation between the speed of sound, the heat of vaporization, and the surface energy, V. I. Rykov, V. L. Sheinfil'd, G. S. Iakovleva, Uch. zap. Kish. un. 75:31-34 '64.

Relation between the speed of sound and certain three-dimensional and surface parameters of the liquid phase, V. I. Rykov, Uch. zap. Kish. un. 75:35-39 '64.

SOUP CREAM

Use of synthetic food emulsions in the preparation of cultured milk products, N. I. Korin, L. N. Druzhinina, A. I. Burdova, Izv. vuzov, ucheb. zav., prikl. tekhn. no. 5:96-97 '65.

SOUTH AFRICA, REPUBLIC OF—SOCIAL CONDITIONS

Makarov, N. M., [In the country of diamonds and poverty] V. S. I. al'mayov i nishchety, Moskva, Pissveshchenie, 1965 122 p. (Biblioteka shkol'nika)

SOUTH AMERICA—DISCOVERY AND EXPLORATION

Magdovich, L. P., [History of the discovery and exploration of Central and South America] Istoriia otkrytiia i issledovaniia Tsentral'noi i Iuzhnoi Ameriki, Moskva, Mysl', 1965, 454 p. (Otkrytye zemli)

SOUTH OSSETIA see Ossetia, South

SOUTHERN RHODESIA see Rhodesia

SOVIET BLOC see Communist Countries

SOVIET CENTRAL ASIA—ALTHAEA

Distribution of Central Asiatic althaea and its variation (genus Althaea) A. Abdullayev, Uzb. biol. zhur., 9 no. 5:15-48 '65.

SOVIET CENTRAL ASIA—ARCHITECTURE AND CLIMATE

Lightweight concrete, built-up, ventilated and for large-panel apartment houses A. Kuzanov, Stroitel'skii Uzb. 6 no. 3:15-18 Mi '65.

SOVIET CENTRAL ASIA—ATMOSPHERIC TEMPERATURE

Influence of the geography of Central Asia on the mean temperature field, M. A. Petrosian, O. L. Subbotina, S. G. Chaynashova, Trudy Sted.-Az. nauch.-issl. gidrometeor. inst., no. 20:158-171 '65.

SOVIET CENTRAL ASIA—BRICK INDUSTRY

Plants in Central Asia and Kazakhstan turn out proper bricks, V. V. Naiskii, N. A. Severov, Stroitel'stvo, 11 no. 10:19-20 O '65.

SOVIET CENTRAL ASIA—CIVILIZATION

Chotayev, A. M., [National traditions of the peoples of Central Asia] O natsional'nykh traditsiyakh narodov Srednei Azii, Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1964, 71 p. (NRC)

SOVIET CENTRAL ASIA—CONSTRUCTION INDUSTRY

Forming housing construction combines, B. A. Akhmedov, Stroitel'skii Uzb. 6 no. 1:39-40 Ju '65. Major construction in Central Asia, A. G. Iridman, Stroitel'skii Uzb. 8 no. 3:19-50 Mi '65. Quiet tempo from the first months, Stroitel'skii Uzb. 6 no. 1:1-13 Ju '65.

SOVIET CENTRAL ASIA—CRYPTOGAMS

Third conference on the study of cryptogams of Kazakhstan and Central Asia, N. P. Masluk, V. M. Solovina, Phyt. bot. zhur., 22 no. 5:106-108 '65.

SOVIET CENTRAL ASIA—DESERT FLORA

Some anatomical changes of leaves in Central Asiatic ephemerals introduced in the Khibiny Mountains, N. I. Koshagina, Bot. zhur. 50 no. 5:665-673 My '65.

SOVIET CENTRAL ASIA—EARTHQUAKES AND BUILDING

Reinforced concrete spine with spiral reinforcement, V. T. Raskarovskii, T. A. Vekiev, Stroitel'skii Uzb. 6 no. 3:17-18 Mi '65.

SOVIET CENTRAL ASIA—GROSDRAKS

Occurrence of *Carpodacus rubellus diabolica* in the U. S. S. R., L. S. Stepanian, Ornitologiya no. 7:437-439 '65.

SOVIET CENTRAL ASIA—HUMIDITY

Horizontal moisture transfer over Central Asia, R. M. Tshunayakina, Trudy Sred.-Az. nauch.-issl. gidrometeor. inst., no. 20:128-135 '65.

Moisture content and transfer of water vapor in jet streams over Central Asia, A. G. Mukimova, Trudy Sred.-Az. nauch.-issl. gidrometeor. inst., no. 20:135-144 '65.

SOVIET CENTRAL ASIA—IRRIGATION CANALS AND FLUMES

Provide new efficient elements of standard hydraulic structures for irrigation purposes, L. N. Dubina, Stroitel'skii Uzb. 6 no. 3:20-22 Mi '65.

SOVIET CENTRAL ASIA—JET STREAM

Moisture content and transfer of water vapor in jet streams over Central Asia, A. G. Mukimova, Trudy Sred.-Az. nauch.-issl. gidrometeor. inst., no. 20:138-144 '65.

SPECTROPHOTOMETRY (Continued)

Spectrophotometric study of vanadium thio salts in solution. F. B. Iatsinskii, L. A. Zakharova, *Zhur. neorg. khim.* 10 no. 9 2065-2069 5 '65.

Spectrophotometry of needles of planetary nebulae. R. I. Noskova, *Astron. zhur.* 12 no. 5 1038-1041 5-O '65.

SPECTRUM, INFRARED

Infrared absorption of indium selenide single crystals. E. L. Zorina, V. B. Velichkov, T. A. Gulya, *Izv. AN SSSR, Neorg. mat.* 1 no. 5 690-691 My '65.

Infrared spectroscopy method for studying radioactive potassium sulfate. M. V. Akhanova, I. I. Mikhailenko, *Zhur. fiz. khim.* 39 no. 9 2273-2275 5 '65.

Study of infrared spectra of benzene rings and their components. I. U. S. Manolova, V. P. Lomov, S. F. Jankov, *Biofizika* 10 no. 3 782-787 '65.

Study of the intermolecular interaction of pyridine with acetylene by means of infrared absorption spectroscopy. A. V. Chikunov, P. I. Barabuk, *Fiz. khim. i spekt. khim.* 1 no. 3 538-540 '65.

SPECTRUM, SOLAR

Absolute measurements of energy in the solar spectrum taken at ground level. G. F. Smirnov, *Astron. zhur.* 12 no. 5 996-1001 5-O '65.

The broadening mechanism of Fraunhofer hydrogen lines. N. F. Volkovskaya, *Astron. zhur.* 12 no. 5 1122 5-O '65.

Contents of strong Fraunhofer lines in the solar spectrum. Part 2. Resonance lines. D. M. Kuli-Zade, *Astron. zhur.* 42 no. 5 1022-1033 5-O '65.

SPECTRUM, ULTRAVIOLET

Ultraviolet absorption spectra of pharmaceutical preparations, pyridine derivatives. R. M. Pinaiko, *Farmatsev. zhur.* 20 no. 117-21 '65.

SPECTRUM ANALYSIS

Automated method of express determination of mercury in powdered samples. I. U. S. Manolova, I. P. Chibovskii, *Zav. lab.* 31 no. 9 1053-1057 '65.

Change in the emission spectrum of a finite volume in passing the inversion point. A. M. Rubtsov, S. A. Mikhaylov, *Dokl. AN BSSR* 9 no. 1 18-21 Ja '65.

Effect of optical characteristics on the spectral composition of radiation in a turbid medium. A. P. Ivanov, S. A. Mikhaylov, *Dokl. AN BSSR* 9 no. 8 501-504 Ag '65.

Fluorimetric reactions used for the increase of spectral analysis sensitivity. A. S. Samoilova, S. A. Chibrikova, *Zav. lab.* 31 no. 9 1047-1050 '65.

Spectral analysis of niobium chloride and technical niobium hydroxide by the condensed spin method. V. I. Pokaya, G. V. Gorina, *Zav. lab.* 31 no. 10 1090 '65.

Theoretical study of the spectral behavior of systems with a quasiomeric cycle. V. G. Plotnikov and others, *Zhur. fiz. khim.* 39 no. 9 2311-2312 5 '65.

Using the method of spectrum analysis in evaluating the wear of an engine. S. K. Klimogin, M. M. Matenova, *Avi. prom.* 31 no. 10 1010-12 O '65.

Yoshikawa, N. P. [Photosynthesis and the spectral composition of light]. *Fotosintez i spektralnyi sostav sveta*, Moskva, Nauka, 1965, 308 p.

SPEED—MEASUREMENT

Autocorrelation and spectral methods for measuring speed of motion. S. F. Kozubovskiy, *Avtomatika* 10 no. 4 31-36 '65.

SPIRANSKI, MIKHAIL MIKHAILOVICH, 1772-1839

Some problems of criminal law and legislation in M. M. Spiranski's works. I. I. Solodkin, *Izv. vuz. ucheb. zav., prav.* 9 no. 1:159-161 '65.

SPERMATOPHYTES see Phanerogams

SPERMATOZOA

Clinical morphological examination in azoospermia. I. B. Nasuri, *Urologia* 29 no. 3:28-32 My-Je '64.

Clinicomorphological data in some forms of male sterility. I. B. Nasuri, *Vest. deim. i ven. no.* 2:81-84 '65.

Spermatozoon protection in rabbits from genetic injuries caused by irradiation in vitro. N. I. Nuzhdin, G. V. Nizhnik, *Trudy nat. gen.* no. 32:220-237 '65.

SPHACELOMA see subdivision under Georgia

SPHERE

Considerable oscillations of a sphere in a viscous fluid. N. L. Graham, *Izv. VNIIG* 76:200-208 '64.

SPHERULITES

Stretching and contraction processes of polyethylene films having spherulite structures. V. A. Kargin, V. I. Seifskova, G. S. Markova, *Vysokom. soed.* 7 no. 9:1495-1498 5 '65.

SPIDERS see subdivision under Moscow region

SPILLWAYS

Calculation of the rock fill strengthening behind the aprons of spillway dams. F. G. Gunt'ko, *Izv. VNIIG* 76:106-127 '64.

SPINA BIFIDA

Indications for the surgical treatment of some malformation disorders in spina bifida occulta. V. I. Smirnov, *Vop. neirokhir.* no. 5 55 '64.

SPINAL CORD

Characteristics of microstructure of the spinal cord in the Kazakh Argali Merino sheep as compared with patient forms. Zh. S. Sadylov, *Trudy Inst. eksp. biol.* AN Kazakh SSR 11:270-271 '65.

Effect of the state of the segmental apparatus of the spinal cord on a simple motor reaction. V. S. Gant'ko, I. I. Pol'tsev, *Biofizika* 10 no. 1:855-860 '65.

Inhibition of spinal reflexes at different stages of ontogenetic development in animals. I. B. Ioseliani, *Trudy Inst. biol.* AN Gruz. SSR 11:133-137 '65.

Level of the closing of the arc of the antero-anterior inhibitory reflex. R. M. Gal'perin, L. G. Mikhaylov, *Biol. eksp. biol.* 1 med. 69 no. 9:30-31 5 '65.

Morphological changes in the spinal cord of the fetus in fetal hydronephrosis. N. I. Popova, *Akush. i gin.* no. 2 6-69 '65.

Spinothalamic pathways. N. K. Toribadze, *Trudy Inst. biol.* AN Gruz. SSR 11:227-233 '65.

SPINAL CORD—ABSCESS

Spinal epidural abscesses. I. M. Irgor, L. V. Makarova, *Trudy 1-go MMI* 38:101-105 '65.

SPINAL CORD—BLOOD SUPPLY

Blood supply of the spinal cord and the syndromes of its disorders, a brief review. V. S. Rotenberg, *Zhur. nevro. i psikh.* 65 no. 10:1501-1505 '65.

Modern concepts of the blood supply in the spinal cord. L. V. Makarova, I. P. Kolomoitseva, V. S. Rotenberg, *Trudy 1-go MMI* 38:27-31 '65.

Vascular characteristics of the spinal cord in swine. G. A. Popkova, L. M. Poltselova, *Trudy Inst. eksp. biol.* AN Kazakh SSR 11:66-93 '65.

SPINAL CORD—DISEASES

Clinical-anatomical analysis of a case of discogenic cervical myelopathy with a pattern of amyotrophic lateral sclerosis. V. V. Mikhaylov, D. R. Shit'man, A. G. Gruzina, *Trudy 1-go MMI* 38:117-127 '65.

Clinical and roentgenological correlations in discogenic cervical myelopathy. D. R. Shit'man and others, *Trudy 1-go MMI* 38:215-216 '65.

Clinical aspects of discogenic cervical myelopathy. D. R. Shit'man, L. P. Kolomoitseva, *Trudy 1-go MMI* 38:67-116 '65.

Electromyographic examination in discogenic cervical myelopathy. M. V. Iur'yanov, *Trudy 1-go MMI* 38:259-276 '65.

Exostosis causing compression of the spinal cord. R. I. Gorchakova, M. A. Dogaeva, L. S. Koz'kidi, *Vop. neirokhir.* no. 1:60 '65.

Kyphoscoliosis in diseases of the spinal cord in children. S. A. Melnikov, I. E. Gorchakova, *Trudy 1-go MMI* 38:382-385 '65.

Myelography in discogenic cervical myelopathy. I. U. V. Rumyantsev, S. S. Shifrin, *Trudy 1-go MMI* 38:217-258 '65.

Neurological characteristics of cervical discogenic myelopathies. A. M. Rubtsov, A. N. Smirnov, *Vop. neirokhir.* no. 5 50-51 '64.

Protrusion of thoracic intervertebral disks. I. M. Irgor, D. R. Shit'man, *Trudy 1-go MMI* 38:128-142 '65.

Results of surgical treatment of discogenic cervical myelopathy. I. M. Irgor and others, *Trudy 1-go MMI* 38:318-341 '65.

SPINAL CORD—INNERVATION

Representation of afferent vegetative neurons in the spinal cord. L. A. Bul'ygin, I. A. Iakimovich, *Dokl. AN BSSR* 9 no. 8:595-599 Ag '65.

SPINAL CORD—RADIOGRAPHY

Myelography in discogenic cervical myelopathy. I. U. V. Rumyantsev, S. S. Shifrin, *Trudy 1-go MMI* 38:217-258 '65.

SPINAL CORD—SURGERY

Effect of microwaves on the absorptive capacity of the synovial membrane of the knee joint following the section of the spinal cord. M. I. Iatsenko, *Fiziol. zhur.* [Ukr.] 11 no. 4:536-539 31-Ag '65.

Mechanism of the facilitation of the cardiovascular effects in the stimulation of the central and peripheral of the cervical sympathetic nerve. O. A. Mikhailova, I. I. Lebedinskaya, *Fiziol. zhur.* 51 no. 7:821-825 '65.

Methodology for the anesthesia of reflexogenic zones in surgery of the brain and spinal cord. P. M. Panchenko, *Vop. neirokhir.* no. 1:13-16 '65.

Morphological changes in the autonomic and cerebrospinal ganglia in experimental section of the spinal cord. K. G. Tainshov, *Vop. neirokhir.* no. 3:58 '64.

Repeated operations in recurrences of benign intraparenchymal tumors (hourglass shaped). K. I. Pen'kovol, *Vop. neirokhir.* no. 5:83 '64.

Results of surgical treatment of discogenic cervical myelopathy. I. M. Irgor and others, *Trudy 1-go MMI* 38:318-341 '65.

SPINAL CORD—TUMORS

Cases of lipomas of the spinal cord. V. V. Starovoyt, *Vop. neirokhir.* no. 1 80-81 '65.

Pathogenetic variants of Brown-Sequard syndrome in the clinical aspects of tumors of the spinal cord. A. D. Paltov, *Vop. neirokhir.* no. 5 51 '64.

Repeated operations in recurrences of benign intraparenchymal tumors (hourglass shaped). K. I. Pen'kovol, *Vop. neirokhir.* no. 5 53 '64.

SPINAL CORD—WOUNDS AND INJURIES

Clinical aspects of trauma of the cervical part of the spine and spinal cord. L. G. Blagoderzhina, *Trudy 1-go MMI* 38:391-397 '65.

SPINDLES (MACHINE-TOOLS)

Using the method of electronic simulation in investigating the static characteristics of spindles. G. P. Kozlovskaya and others, *Akush. i gin. Gruz. SSR* 39 no. 1:137-143 31 '65.

SPINDLES (MACHINE-TOOLS)—VIBRATION

Experimental investigation of torsional vibrations of little spindles in downcutting cutting. V. V. Augustinov, I. V. V. Ucheb. i nauch. no. 8:160-175 '65.

SPINE

Functions of the cervical part of the spine in healthy persons in the X-ray picture. M. A. Khadzhev, *Trudy 1-go MMI* 38:21-25 '65.

SPINE—ABNORMALITIES AND DEFORMITIES

Kyphoscoliosis in diseases of the spinal cord in children. S. A. Melnikov, I. E. Gorchakova, *Trudy 1-go MMI* 38:382-385 '65.

Neurological complications of craniovertebral anomalies. I. V. Parnanova, I. P. Kolomoitseva, *Trudy 1-go MMI* 38:363-376 '65.

SPINE—BLOOD SUPPLY

Nervous apparatus of veins of the vertebral canal in man. V. V. Tkach, *Ark. mat. i fiz. i lomb.* 49 no. 7 82-86 31 '65.

SPINE—DISEASES

(See also subdivision under Translucida)

Ankylosing spondylitis (Bechterew's disease). G. A. Lukacher, *Trudy 1-go MMI* 38:376-382 '65.

Congenital arthrogryposis of the spine. I. F. Gorchakova, *Trudy 1-go MMI* 38:377-381 '65.

Degenerative changes in the spine and radicular pain. V. N. Aref'eva, *Trudy 1-go MMI* 38:113-116 '65.

Pain syndrome in Bechterew's disease. V. M. Lukashina, *Trudy 1-go MMI* 38:143-152 '65.

Spinal insult in osteochondrosis of the spine. I. P. Kolomoitseva, L. V. Makarova, *Trudy 1-go MMI* 38:176-188 '65.

Vegetative disorders in osteochondrosis of the spine. A. M. Veln, *Trudy 1-go MMI* 38:187-202 '65.

Vertebral-basilar insufficiency in cervical osteochondrosis. M. A. Iavchinskaya, R. A. Kuz', *Trudy 1-go MMI* 38:160-168 '65.

SPINE—FRACTURE

Labor following compression fracture of the spine. I. D. Polykovskiy, *Akush. i gin.* no. 114-115 '65.

SPINE—INNERVATION

Nervous apparatus of veins of the vertebral canal in man. V. V. Tkach, *Ark. mat. i fiz. i lomb.* 49 no. 7:82-86 31 '65.

SPINE—RADIOGRAPHY

Involutional functional changes of the cervical part of the spine in the X-ray picture. N. P. Purova, *Trudy 1-go MMI* 38:221-231 '65.

X-ray examination in cervical osteochondrosis. S. S. Shifrin, *Trudy 1-go MMI* 38:211-220 '65.

SPINE—SURGERY

Surgical treatment of cervical osteochondrosis. I. M. Irgor, *Trudy 1-go MMI* 38:301-317 '65.

Surgical treatment of protrusions and prolapses of the intervertebral disks in the lumbar region. L. V. Makarova, *Trudy 1-go MMI* 38:342-352 '65.

SPINE—TUMORS

Hemangioma of the spine in childhood. V. A. Minneva, *Trudy 1-go MMI* 38:477-479 '65.

Some characteristics of the clinical aspects in tumors of the spine. E. I. Rikina, I. I. Bel'skaya, E. A. Morozova, *Trudy 1-go MMI* 38:465-471 '65.

Spinal manifestations in Rushtakif's disease. E. A. Morozova, *Trudy 1-go MMI* 38:472-476 '65.

SPINE—WOUNDS AND INJURIES

Clinical aspects of trauma of the cervical part of the spine and spinal cord. L. G. Blagoderzhina, *Trudy 1-go MMI* 38:391-397 '65.

SPINEL GROUP

Physics of the reduction of iron-manganese spinel by hydrogen. V. A. Amosov, V. V. Tscholovskii, T. L. I. L. 1965. *Chem. Abstr.* 60:1247-1252. Je '65.

Spirals and spirallids. P. P. Burdakov, F. G. Kerbe. *Priruch.* 34 no. 2 72-75. F '65.

SPINNING

Concerning the scientific organization of the work of spinning machine operators. E. A. Stukhin. *Priruch.* 35 no. 10 1-4. O '65.

SPINNING—PRODUCTION CONTROL

Rudakov, B. P. [Sampling methods in spinning] Metod, otbor proby pri spinnenii. Moskva, Legkaya Industriya, 1965. 226 p.

SPINNING MACHINERY

Determining the rate of number of the silver from spinning. AR-500-I spreading machines. S. V. Gulyaev. *Tekst. prom.* 35 no. 10 32-33. O '65.

Effect of load magnitude and intermediate drafts on the work of a spinning machine. V. N. Kulikov. *Tekst. prom.* 35 no. 10 25-26. O '65.

Improved lap filling of the roll and its covering with oiling on single-process scutching machine with automatic lap doffing. G. S. Obozov, B. Zolotarev. *Tekst. prom.* 35 no. 6 39-42. O '65.

Modernization of the drawing mechanism of LV2-32 spindles. H. Kh. Fishbul' Lezh. prom. no. 2 66. Apr. '65.

Modernization of the drawing mechanism of LV2-32 spindles. H. Kh. Fishbul' Lezh. prom. no. 2 66. Apr. '65.

Position circuits of the automatic temperature regulation in spinning with electric heating. V. I. Sirokov, A. L. Kuznetsov. *Khim. volokn.* no. 5 63-64. '65.

Reducing the unevenness of the product of roving machines. I. A. S. Chapalov, E. P. Bondarenko. *Tekst. prom.* 35 no. 10 18-22. O '65.

Solov'ev, G. A. [Arrangement, maintenance, repair and adjustment of spreading, drawing and roving machines in the flax industry] Ustroistvo, obsluzhivanie, remont i nadzornye raschiadochnyye, lentshnykh i rovinnykh mashin i analozi promyshlennosti. Moskva, Legkaya Industriya, 1965. 174 p. (Uchebniki i uchebnye posobiya dlia podgotovki rabochikh massovykh professii)

Using the condenser spinning method for the manufacture of No. 20 yarn made from cotton. Z. I. Rod'kina, I. F. Vasil'chenko. *Lezh. prom.* no. 2 12-14. Apr.-Je '65.

SPLIEN

Effect of deep freezing on the structure of splenic cells. I. U. G. Gamal. *Gemat. i perel. krovi* 1 132-137. '65.

State of fresh and preserved spleen following subcutaneous transplantation in irradiated animals. I. U. G. Gamal. *Gemat. i perel. krovi* 1 138-142. '65.

SPLINTS (SURGERY)

Indications for splinting the incisor teeth in parodontosis. A. A. Pecher. *Prich. khel.-litskhir.* no. 1 234-236. '65.

SPORES (BOTANY)

Embryology of the representatives of the family Saxifragaceae. Report No. 1. Megasporegenesis and development of the female gametophyte in *Bergenia crassifolia* (L.) Fritsch and *Chrysosplenium alternifolium* L. L. V. Korobova-Semenchenko. *Nauch. dokl. vuz. shkoly, biol. nauk.* no. 4 101-107. '65.

SPORTS

(see also subdivision under Mexico, Tajikistan)

At the finish of the Spartakiada. A. Skvortsov. *Voen. znani.* 41 no. 9 1-2. S '65.

Cirulla, Gunars. [Between the start and the finish. Authorized translation from the Latvian] Mezhdustartom i finishe. Riga, Liesma, 1965. 131 p.

Favorite champions start worrying. N. Semina. *Pozh. delo* no. 9 16-17. S '65.

Festival of strength, beauty and health. *Teor. i prak. fiz. kul't.* 28 no. 8 1-3. Ag '65.

Methods of studying the intensity of competitive exercises in sports tournaments and individual competitions. G. S. Turanov. *Teor. i prak. fiz. kul't.* 28 no. 8 11-13. Ag '65.

Outstanding success of Soviet athletes abroad. V. Deshin. *Sov. obozr.* 26 no. 10 50-62. O '65.

Serious statement. M. Gusev, A. Gerinaeva. *Pozh. delo* no. 9 17-18. S '65.

Sports competitions: results and conclusions. N. Belikov, A. Kuzov. *Voen. znani.* 41 no. 10 46. O '65.

Stamps of the Spartakiada. *Kryl. rod.* 16 no. 6 13. Je '65.

SPORTS—COMPETITIONS

First U.S.S.R. firemen sports tournament. M. Gusev and others. *Pozh. delo* no. 10 14-19. O '65.

SPORTS—CONGRESSES

Conference on sports. G. D. Kagan, L. A. Slonimskii, *Teor. i prak. fiz. kul't.* 28 no. 9 77. S '65.

SPORTS—PHILOSOPHY see subdivision under Germany, West

SPORTS—PHYSIOLOGICAL ASPECTS

Ballistocardiography as a method for studying hemodynamics in athletes. I. I. Pyshinskii. *Teor. i prak. fiz. kul't.* 28 no. 10 50-52. O '65.

Blood pressure in athletes undergoing training on prolonged exercise. N. A. Stupichina. *Teor. i prak. fiz. kul't.* 28 no. 10 33-35. O '65.

Characteristics of the effect of active leisure on the functioning of the cardiovascular system in connection with age. L. V. Muravov. *Teor. i prak. fiz. kul't.* 28 no. 9 19-21. S '65.

Comparative analysis of some parameters of sensorimotor functions in athletes. M. A. Matova. *Teor. i prak. fiz. kul't.* 28 no. 10 15-18. O '65.

Determining the individual phases of movements by means of radio telemetry. V. L. Podorov, N. V. Zhuravleva, E. M. Panchenko. *Teor. i prak. fiz. kul't.* 28 no. 8 28-29. Ag '65.

Dynamics of the excitation of the nervous system in athletes. N. G. Ozolin. *Teor. i prak. fiz. kul't.* 28 no. 10 19. S '65.

Effect of classical wrestling on the organism of adolescents. V. P. Panov, V. P. Grankin. *Teor. i prak. fiz. kul't.* 28 no. 9 26-28. S '65.

Efficacy dynamics of cyclists depending on their typological characteristics. N. D. Simin. *Teor. i prak. fiz. kul't.* 28 no. 8 64-66. Ag '65.

Functional state of athletes during their travels to competitions in distant places. V. L. Ilyashov, L. I. Korytov, S. F. Iakushevich. *Teor. i prak. fiz. kul't.* 28 no. 10 18-21. O '65.

Functional state of the cardiovascular system of gymnasts. R. S. Khachaturov. *Teor. i prak. fiz. kul't.* 28 no. 10 38-41. O '65.

Functional state of the neuromuscular system of young track athletes. T. N. Makarova. *Teor. i prak. fiz. kul't.* 28 no. 9 35-36. S '65.

Immunobiological state of the organism under heavy loads. L. K. Kvantovskina, I. S. Gudskova, G. P. Nominidze. *Teor. i prak. fiz. kul't.* 28 no. 9 21-25. S '65.

Nervous system of adolescents taking part in sports. T. A. Ilichova. *Teor. i prak. fiz. kul't.* 28 no. 9 28-29. S '65.

Norkina, T. E. [Take care of your nerves] Beigile nervy. Moskva, Fizkul'tura i sport, 1965. 60 p.

Pulse summator, a device for the evaluation of training loads. N. G. Kulik, E. A. Mikhaylov, I. A. Almazov. *Teor. i prak. fiz. kul't.* 28 no. 8 32-35. Ag '65.

Studying the respiration and heart activity of a swimmer during speed swimming. L. P. Mikhanko. *Teor. i prak. fiz. kul't.* 28 no. 8 17-20. Ag '65.

Studying the strength of expiration in swimmers during training. M. A. Nabatnikova. *Teor. i prak. fiz. kul't.* 28 no. 8 14-15. Ag '65.

Use of artificially ionized air in sports. A. M. Lushkin. *Teor. i prak. fiz. kul't.* 28 no. 10 10-50. O '65.

SPORTS—PSYCHOLOGICAL ASPECTS

(see also subdivision under Germany, East)

Effect of sports on labor productivity. A. I. Ushin. *Teor. i prak. fiz. kul't.* 28 no. 10 63-65. O '65.

First International Congress on the Psychology of Sports. P. A. Rudik. *Teor. i prak. fiz. kul't.* 28 no. 9 68-69. S '65.

Psychophysiological mechanisms for overcoming the difficulties in sport competitions. P. A. Rudik. *Teor. i prak. fiz. kul't.* 28 no. 9 8-11. Ag '65.

SPORTS—SAFETY MEASURES

Prevention and treatment of sports accidents. V. K. Dobovolskiy, V. A. Tifimov. *Teor. i prak. fiz. kul't.* 28 no. 10 78-79. O '65.

SPORTS MEDICINE

(see also subdivision under Estonia)

Mironova, Z. S., and L. Z. Khellets. [Prevention and treatment of sports injuries] Profilaktika i lechenie sportivnykh travm. Pod red. A. M. Dvorkina. Moskva, Meditsina, 1965. 156 p.

(DNLM)

Prevention and treatment of sports accidents. V. K. Dobovolskiy, V. A. Tifimov. *Teor. i prak. fiz. kul't.* 28 no. 10 78-79. O '65.

Prevention of some dermatoses in young athletes. B. G. Potus. *Teor. i prak. fiz. kul't.* 28 no. 10 70-71. O '65.

Problems of sports medicine in the physical education movement. I. V. Muravov. *Teor. i prak. fiz. kul't.* 28 no. 8 75-77. Ag '65.

SPORTS MEDICINE—CONGRESSES

All-Union forum of the workers in sports medicine and physical education. A. A. Askerov. *Teor. i prak. fiz. kul't.* 28 no. 10 76-77. O '65.

SPRAY PAINTING, ELECTROSTATIC

Use of ultrasonic waves in electric spray painting. A. P. Kozryina, A. G. Iakho, M. E. Belokon'. *Der. prom.* 14 no. 8 4-6. Ag '65.

SPRAY PAINTING, ELECTROSTATIC—SAFETY MEASURES

Spray painting in the electrostatic field. A. Minin, B. Vikhorev. *Pozh. delo* no. 10 20. O '65.

SPRAYING

Aerosol treatment of foliage. M. A. Gliman-Polov. *Ryb. khoz.* 11 no. 8 79-81. '65.

SPRAYING AND DUSTING EQUIPMENT

Simple stand for spraying. *Priruch.* 34 no. 10 1-2. O '65.

Some problems of the evaluation of aerosol generators based on the degree of the cloudation of sprays. V. M. Tselin and others. *Trudy VNIIV.* 24 100-104. '64.

Spraying and dusting. *Priruch.* 34 no. 10 1-2. O '65.

Use of agricultural machinery in dusting (spraying). Preliminary and after. V. S. Tanykh. *Priruch.* VNIIV. 24 100-104. '64.

What is expected from a new volume of sprays. *Priruch.* 34 no. 10 1-2. O '65.

SPRAYING AND DUSTING IN AGRICULTURE

(see also subdivision under China, People's Republic of; India; Japan; Korea; etc.)

Concomitant infection of some and sweet cherry. A. Bondarenko. *V. i sadovod.* 24 100-104. '64.

Effect of concentrated solutions of chemicals on the growth of plants. *V. i sadovod.* 24 100-104. '64.

Mechanism of the protection of plants from insects and diseases. A. G. Gvozdev, P. P. Baidakov. *Trudy VNIIV.* 24 100-104. '64.

SPRAYING AND DUSTING IN FORESTRY

Effectiveness of chlorobenzene in the disinfection of forest. V. G. Antonov. *Khim. volokn.* no. 5 63-64. '65.

SPRINGS (MECHANISM)

Action of springs on the strength of the dynamometer of a shifting lever. A. B. Morguevich. *Lezh. prom.* no. 11 67-69. '65.

Designing and designing machine for sheet springs. A. V. Kiyoshev. *Kuz.-stankoprom.* 6 no. 11 1-3. '61.

Calculating maximum working stroke and minimum length of cylindrical compression springs with a circular cross section of wire. V. D. Mamonov. *Voen. znani.* 41 no. 7 38-39. JI '65.

Some problems in the calculation of helical cylindrical springs for durability and reliability under loading. D. N. Lavkovskiy. *Voen. znani.* 41 no. 7 38-39. JI '65.

SPRINKLER IRRIGATION see subdivision under Water

Russia

SPRINKLER IRRIGATION—EQUIPMENT AND SUPPLIES

Specified hydraulic calculation of overhead irrigation systems. M. N. Bogdanov. *Zashch. prom.* no. 8 12-15. Ag '65.

SPRINKLERS

Causes of the breakdown of the power take-off device operating a tractor with a mounted sprayer. P. M. Gorbanov and others. *Trakt. i melk. khoz.* no. 8 14-17. S '65.

SPRINKLERS—DESIGN AND CONSTRUCTION

Lebedev, B. M. [Sprinklers: theory and construction] Dizainovye mashiny; teoret. i konstrukt. Moskva, Mashinostroyeniye, 1965. 264 p.

SPRUCE

Photosynthetic adaptation in light in the postnatal period of the young growth of the spruce. *Trudy VNIIV.* 24 100-104. '64.

Variation of some physiological features of the young growth of spruce after the cutting of trees and shrubs. N. A. Naumenko. *Trudy VNIIV.* 24 100-104. '64.

SPRUCE—DISEASES AND PESTS see subdivision under Kelton; Range; Tien Shan

SPRUCE

State of vitamins in spruce under the influence of a compound therapy. D. A. Kanafarova. *Stank. i mash. b. i. Prom.* 12 150-155. '62.

SPUR GEARING see Gearing, Spur

SPUTTERING (PHYSICS)

Preparation of thin films of intermetallic compounds using the cathode sputtering method. V. I. Il'ina, L. N. Lavkina, V. M. Efremenkova. *Fiz. i inzh. tekhn.* 7 no. 9 2076-2077. S '65.

- SQUIDS**
(see also subdivision under Japan Sea)
Squids comprising highly species G. V. Zver' Ryb. zhurn. 11 no. 8 10-18 '65
- SQUIRRELS**
Structure of locomotor organs in the flying squirrel (Pteromys volans L.) as related to its gliding flight. R. S. Polakov, A. S. Sokolov, Zool. zhurn. 11 no. 8 92-96 '65.
- SPUMING CUCUMBER**
Embryology of spuming cucumber (*Urechis caupo* (L.) A. Rich.). A. K. Dzevalovskiy, Ukr. bot. zhurn. 22 no. 4 15-22 '65.
- SREDNE-KOLYMSK (YAKUTIA)—HISTORY**
Location of the first Russian settlement on the Kolyma River. B. P. Polevov, Dokl. Akad. Nauk SSSR, 1965, 195, 2 66-75 '65
- STABILITY**
Determining the low limit of stability of an orthotropic cylindrical shell with initial deflection computed in one direction. M. V. Lomov, Izv. Vuzov, 13 pt. 2, 119-162 '65
Effect of vibration systems on the stability of damping during unloading. L. D. Litvinov, Izv. Vuzov, 13 pt. 2 187-192 '65
- STABILITY OF SHIPS**
Determining the lighting arm for a ship in a storm sea. M. I. Nechaev, Izv. Vuzov, 13 pt. 2, 119-162 '65
Measurement of forces acting during rolling on the elements on the ship equipment. L. A. Givlev, Izv. Vuzov, 13 pt. 2, 119-162 '65
Probability method for establishing stability norms. N. B. Savost'yanov, Izv. Vuzov, 13 pt. 2, 119-162 '65
- STACHYBOTRYS—TOXICOLOGY**
Stachybotryotoxicosis of cattle: therapy and prophylaxis. S. N. Makarov, S. N. Makarov, P. B. Belykh, Vopr. AN BSSR Ser. Sel'sk. khoz. nauch. 1 109-112 '65
- STAINLESS STEEL** see Steel, Stainless
- STAINS AND STAINING (MICROSCOPY)**
Architectonics of the argyrophilic fundamental substance of the thyroid gland. L. A. Vysotskaya, Sten. zhurn. 22 110-116 '65
Possibility of simultaneously staining for polysaccharides (Schick reaction) and deoxyribonucleic acid after Feulgen-Rosenberk. N. A. Loktev, Arkh. pat. 27 no. 10 95-98 '65.
- STAKHANOV MOVEMENT**
Fiftieth anniversary of the beginning of the Stakhanov movement. M. V. Arambayk, P. B. Zymaglidov, Ukr. bot. zhurn. 22 no. 4 15-22 '65
- STAKHOVSKII, VASILII VASIL'EVICH, 1883-**
Vasilii Vasil'evich Stakhovskii on his 80th birthday. P. A. Zhuravlev, V. L. Bulskov, O. M. Mironov, Onkol. zhurn. 7 505-506 '65.
- STALINGRAD PROVINCE** see Volgograd Province
- STALINO** see Donetsk
- STANDARDIZATION**
(see also subdivision under Armenia)
Approaching the best world standards. N. A. Razumov, Standartizatsia 29 no. 8 20-31 '65
Attention, standards! V. S. Zamalin, Shkola i proizv. 0 no. 0 78-85 Ag '65
Basic stages in the development of standardization in the U.S.S.R. Z. P. D. Iamova, Standartizatsia 29 no. 8 11-18 '65
Developing a unified system of technical documentation. V. V. Kuz'min, Standartizatsia 29 no. 8 4 '65
Draft of State Standard 1-65 compared to similar foreign standards. T. A. Vvedenskii, Standartizatsia 29 no. 8 16-18 '65
10 years of state controlled standardization. Standartizatsia 29 no. 8 1-3 '65
International Standards Organization and Soviet standards. Standartizatsia 29 no. 8 19-31 '65
Introduce standardization concepts to people. V. S. Zamalin, Standartizatsia 29 no. 8 39-40 '65
Kotlov, V. I. [Standardization trend in the design and adoption of new machines] Normalizatsionnoe napravlenie v sozdani i osvoenii novykh mashin. Moskva, Izdat. Mashinostroyeniya, 1965. 122 p.
Objective tendency of the development of standardization and specialization in production during the period of the large-scale building of communism. L. Karabanov, Izv. Vuzov, 13 pt. 2, 119-162 '65
Planning and standardizing. G. M. Kravtchenkovskii, Standartizatsia 29 no. 8 20-21 '65
- Problems of the standardization by branches in the draft of State Standard 1-65. I. U. Pospelov, Standartizatsia 29 no. 8 12-18 '65
Rules of standardization. V. V. Kulyshov, Standartizatsia 29 no. 8 22-23 '65
Standardization in our whole country. Standartizatsia 29 no. 8 20-21 '65
Standardization of technical documentation. K. G. Shul'man, Standartizatsia 29 no. 8 3-6 '65
Standards for the masses! F. V. Leningov, Standartizatsia 29 no. 8 25-26 '65
Standardization of production. V. Z. Zaslavskii, Standartizatsia 29 no. 8 7-10 '65
State standards, quality, and public participation. V. Zamalin, Sov. profsoyuz 21 no. 2 7-9 N '65
Trachenko, V. V. ed. [Methods and procedures of standardization, methods manual] Metodika i praktika standartizatsii, metodicheskie posobie. Moskva, Izdat. Mashinostroyeniya, 1965. 571 p. charts (insert)
Uniform regulations for the establishment of standard technical documentation. M. S. Shevtsov, Standartizatsia 29 no. 8 40-51 '65
We do not observe standards. Standartizatsia 29 no. 8 10-15 '65
- STANDARDIZATION—TERMINOLOGY**
Unify the terminology. V. P. Voselov, Standartizatsia 29 no. 8 31-32 '65
- STANDARDS, ENGINEERING**
[Information index of standards] Inform. ukaz. stand. 29 no. 9 '65
Red tape in designer work. A. M. Sam, Standartizatsia 29 no. 8 61 '65
Role and importance of standardization in industrial production. V. N. Obraztsov, Standartizatsia 29 no. 8 26 '65
- STANISLAV PROVINCE** see Ivano-Frankovsk Province
- STANOVY RANGE—SNOW SURVEYS**
Geographical differentiation of the snow cover in mountain ranges and its relation to the system of natural composites. I. G. Kolomyts, Dokl. Inst. geogr. i biogeogr. 1 11-22 '65
- STAPHYLOCOCCAL DISEASE**
Antitoxin and free toxin in the blood in staphylococcal infection in patients with trauma. V. M. Svyatoydova, Onkolog. zhurn. 26 no. 8 67-69 S '65
Paradoxical mitigation of toxic influenza manifestations under the influence of a mild course of a staphylococcal infection of the respiratory tract. V. E. Pignevskii and others. Vopr. virus. 10 no. 2 181-187 Mr-Ap '65
- STAPHYLOCOCCUS**
Isogenization of some Staphylococci. D. D. Hovhannyan, Mikrobiol. zhurn. 27 no. 3 61-63 '65
- STAPHYLOCOCCUS—CULTURES AND CULTURE MEDIA**
Isogenic and nonisogenic variants of Staphylococcus aureus 200 and their endogenic reproduction. N. U. Pashchenko, Mikrobiol. zhurn. 26 no. 1 11-16 '65
Properties of coagulase-positive Staphylococci isolated in one of the maternity houses of Odessa. R. V. Pashchenko, Mikrobiol. zhurn. 26 no. 1 20-26 '65
- STAPLERS (SURGERY)**
Comparative evaluation of suturing apparatuses for the formation of esophagointestinal anastomoses. N. A. Sytkov, Vopr. onk. 11 no. 10 35-39 '65
- STARAYA RUZA (MOSCOW PROVINCE)—AERONAUTICAL SPORTS**
At a pioneer camp... D. Arzhelas, Kryl. i noz. 16 no. 6 26 Je '65.
- STARLINGS** see subdivision under Turkmenistan
- STARLINGS—PARASITES** see Parasites—Starlings
- STAROBIN REGION (WHITE RUSSIA)—POTASSIUM SALTS**
Measurement of the cross section of the industrial part of the 3d potassium horizon of the Starobin deposit. I. U. Lupinovich, Dokl. AN BSSR 8 no. 1 44-48 Ja '65
- STARS**
Mechanism of energy release during the collapse of superstars. I. D. Novikov, Astron. zhurn. 25 1-5 Ap '61
Red stars in the area NGC 6818. M. V. Dol'dze, N. A. Lipaveva, Bliz. Abast. astrofiz. obser. 30 32-38 '65
- STARS—CLASSIFICATION**
Two-dimensional quantitative spectral classification of FO-CG stars based on objective-prism spectra, and the construction of a spectrum-absolute magnitude diagram. M. A. Shukashvili, Soob. AN Gruz. SSR 39 no. 3: 561-567 S '65
- STARS—CLUSTERS**
Bright stars in the NGC 188 cluster. A. S. Sharov, Astron. zhurn. 12 no. 5 1015-1019 S-O '65
Color function of young scattered clusters. O. B. Blazhnevskii, Astron. zhurn. 1 no. 2 336-340 Je '65
Structure of the system of bright stars in the NGC 721 cluster. N. A. Arutunian, P. V. Kiselev, Astron. zhurn. 12 no. 5 1060-1066 S-O '65
Unified evolution of stars of open clusters and long-period cepheids. G. A. Strizhova, Astron. zhurn. 12 no. 5 1057-1061 S-O '65
- STARS—COLOR**
Color excess fluctuations in stellar clusters. B. I. Tesenko, Uch. zap. LGU no. 328 116-119 '65
Bright blue stars in the region $\alpha = 17^h 18^m$, $\delta = +43^\circ 30'$ (1950). K. A. Sankian, R. G. Matyskanyan, Astron. zhurn. 1 no. 2 220-231 Je '65
- STARS—CONSTITUTION**
Gas flow in colliding binary systems of dwarf stars. V. G. Gorbatskii, Uch. zap. LGU no. 328 116-119 '65
- STARS—PROPER MOTION**
Hewille's theorem and the third integral of motion for steady-state stellar systems. P. I. The theory of the problem. K. P. Ogrodnikov, Uch. zap. LGU no. 328 112-138 '65
- STARS—SPECTRA**
Effect of atom-electron collisions on Balmer line intensities in the spectra of moving star envelopes. V. G. Gorbatskii, Astrofizika 1 no. 2 123-132 Je '65
Emission transfer in a spectral line. V. V. Ivanov, Uch. zap. LGU no. 328 116-119 '65
H-functions in the theory of transfer of resonance radiation. V. V. Ivanov, D. I. Nagler, Astrofizika 1 no. 2, 143-156 Je '65
Interstellar absorption band λ 4300 Å and its contribution with the interstellar light polarization in Perseus region. G. S. Romashin, Uch. zap. LGU no. 328 110-119 '65
Investigating the O III spectral system used in the calculation of recombination spectra of stars and nebulae. P. I. A. Sankian, Uch. zap. LGU no. 328 116-119 '65
Neutral absorption at superhigh temperatures. I. U. L. Vartanov, Astrofizika 1 no. 2 183-192 Je '65
Spectra of low-luminosity hot stars. V. V. Sobolev, Uch. zap. LGU no. 328 116-119 '65
Spectrum of RW Aurigae in the region λ 3600-4800. L. V. Mitrofan, E. S. Kuznetsov, Astrofizika 1 no. 2, 213-223 Je '65
Two-dimensional quantitative spectral classification of FO-CG stars based on objective-prism spectra, and the construction of a spectrum-absolute magnitude diagram. M. A. Shukashvili, Soob. AN Gruz. SSR 39 no. 3: 561-567 S '65
- STARS, DOUBLE**
Gravitational emission of double stars. V. N. Mironovskii, Astron. zhurn. 12 no. 5 1077-1080 S-O '65
- STARS, NEW**
Light scattering in a one-dimensional nonsteady-state medium. I. N. Minin, Astrofizika 1 no. 2 173-181 Je '65
Nova Herculis 1963. I. K. Alanina, M. V. Popov, Bliz. Abast. astrofiz. obser. no. 32 11-81 '65
Supernova in NGC 1654. Astron. zhurn. 12 no. 5 1077-1080 S-O '65
- STARS, VARIABLE**
Photographic observations of the UV Ceti type stars. L. N. Mosidze, A. D. Chudakov, Bliz. Abast. astrofiz. obser. no. 32 21-29 '65
Relative positions, stellar magnitudes, and spectral classes of stars of Trapezium type multiple systems. G. N. Salukvadze, Bliz. Abast. astrofiz. obser. no. 32 60-122 '65
Semi-regular variable stars RW Cygni, SU Persei, and UX Draconis. N. A. Magalashvili, I. A. Kumbashvili, Bliz. Abast. astrofiz. obser. no. 32 10-20 '65
Unified evolution of stars of open clusters and long-period cepheids. G. A. Strizhova, Astron. zhurn. 12 no. 5 1057-1061 S-O '65
Variability of the period of BY Cassiopeiae. R. N. Efremov, Astron. zhurn. 12 no. 5 1077-1080 S-O '65
Variable luminosity and color in V Bootis. N. L. Magalashvili, I. A. Kumbashvili, Bliz. Abast. astrofiz. obser. no. 32 3-7 '65
- STARS, VARIABLE—SPECTRA**
Spectral study of the variable star VY Del. I. E. Alanina, Bliz. Abast. astrofiz. obser. no. 32 32-38 '65
- STARVATION**
Absorptive activity of the intestine and stomach in water and general starvation. R. O. Fisl'berg, I. I. Frolov, Fiziol. zhurn. [Ukr.] 11 no. 4 453-469 Ji-Ag '65

STARRY KRYM RESERVOIR—SALTS

Calculating the reliability in the calculation of the salt content of the water from Reservoir (Donets Basin) P. M. A. A. Barmov, B. I. Fikina. Trudy VOIGG O no 10-23-1965.

STARRY KRYM RESERVOIR—SEDIMENTATION AND DEPOSITION

Sedimentation of suspended matter and precipitation of carbonates in the water from Reservoir (Donets Basin) V. A. Parovoz, M. L. Fikina. Trudy VOIGG O no 10-3-23-1965.

STATE, THE

Guilty, V. E. [The Imperialist state, a critical survey of bourgeois theories]. Imperiaлистichesko gosudarstvo, uchebnaya knizhka burzhuznykh teorii [Moskva] Izd-vo Mosk. univ., 1965 144 p.

STATE FARMS see subdivision under Kuhn, Sorochinsk District, Uzbekistan

STATE FARMS—FIRES AND FIRE PREVENTION

[Manual on safety engineering, industrial hygiene, labor protection, and fire prevention on state and collective farms]. Spravochnik inzhenera po tekhnike bezopasnosti, proizvozhstvennoi sanitarii, okhrane truda i požarnoi ochrane sovkhov i kolkhov. Moskva, Rossetkhozizdat, 1965 288 p. (Rabotnik sel'skogo khoziaistva) (DNAL)

STATE FARMS—MANAGEMENT

(see also subdivision under Rostov Province, Tatar A.S.S.R.)
Space of control G. S. Zolotarev, O. I. Shchepil' 12 no. 10-15-165-165.

STATES, NEW—ECONOMIC CONDITIONS

Economic and political problems of the new sovereign states, S. A. Malinin, Izv. vyz. ucheb. zav., prav., 9 no. 1-185-187 '65.

STATES, NEW—POLITICS

Economic and political problems of the new sovereign states, S. A. Malinin, Izv. vyz. ucheb. zav., prav., 9 no. 1-185-187 '65.

STATICS—EXPERIMENTS

Characteristic experiments in a statics course in secondary schools, G. S. Solov'ev, Uch. zap. Pavlov gos. ped. inst. no 2-77-101 '64.

STATISTICAL MECHANICS

Chien Hsueh-shen, [Physical mechanics. Translated from the Chinese]. Fizicheskaya mekhanika. Pod red. S. V. Vallader, Moskva, Izd-vo "Mir," 1965, 544 p.

STATISTICAL PHYSICS

Phase transitions of the second kind, V. G. Yaks, A. I. Larkin, Zhur. eksp. i teor. fiz., 49 no. 3, 975-989 S '65.

STATISTICS

Gozulov, A. I. [Economic statistics]. Ekonomicheskaya statistika 2, perer. i dop. izd. Moskva, Finansy, 1965 519 p.

STAVROPOL—FIREMEN

Friendship camps in winning, S. Rudikov. Pozh. delo no 9-21 S '65.

STAVROPOL TERRITORY—AGRICULTURE—TECHNOLOGICAL INNOVATIONS

[Economic efficiency of advanced work methods in agriculture]. Ekonomicheskaya effektivnost' peredovogo opyta v sel'skom khoziaistve Moskva, Ekonomika, 1965 239 p.

STAVROPOL TERRITORY—DUST STORMS

Dust storm in winter, V. F. Protchenko. Priroda 54 no. 2-128 F '65.

STAVROPOL TERRITORY—PETROLEUM PRODUCTION

Experimental simultaneous separate exploitation of two high-temperature oil beds in one well, M. I. Bashkirtsev, I. Z. Salatinian. Neftprom. delo no. 6-11-14 '65.

STAVROPOL TERRITORY—SUBSIDENCES (EARTH MOVEMENTS)

Crustal deformation in the development of the North Stavropol gas field, I. V. Ternoval and others, Dokl. AN SSSR 164 no. 4 885-888 O '65.

STAVROPOL TERRITORY—SUSLIK

Distribution of lesser suslik in Stavropol Territory, P. F. Emel'yanov. Zool. zhur., 44 no. 9-1425-1427 '65.

STAVROPOL TERRITORY—VEGETABLE GARDENING

Nikonenko, D. A. [Vegetable growing in Stavropol Territory]. Oshchivodstvo na Stavropol'e, [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1965 221 p. (DNAL)

STEAM

Determination of the parameters of a self-oscillatory process in a steam generating channel, K. N. Proskurnikov, Izv. vyz. ucheb. zav., energ., 8 no. 10-92-99 O '65.

Study of the transfer of copper compound to steam in a boiler with supercritical parameters, V. V. Deeva, Teploenergetika 12 no. 11-11-78 N '65.

STEAM—THERMODYNAMICS

Effect of air content on heat emission during the condensation of steam, V. A. Rechkva, Energomashinostroyeniye 11 no. 8-17-20 Ag '65.

The isotherm of steam at 800-1500°C temperatures and pressures up to 1000 bar, M. P. Vol'dovik and others, Teploenergetika 12 no. 10-98-99 O '65.

STEAM BOILERS see Boilers

STEAM FLOW

The "three-thermometer" method for measuring the saturation of steam in a flow, M. L. Mikhailov, D. N. Kasilov, V. B. Alferov, Zav. lab., 31 no. 9-109-110 '65.

STEAM TURBINES

(see also subdivision under Great Britain, United States)

Approximate numerical method for calculating a three-dimensional flow in a steam turbine stage, I. A. Shubenko-Bublin, V. P. Poznakhliev, Teploenergetika 12 no. 11-25-29 N '65.

Automatic regulator of condensate level in turbine condensers, S. S. Gombatenko, Energetik 13 no. 10-115 O '65.

Automation of the selection of optimum vacuum conditions in the condensers of steam turbine systems, I. U. N. Cherkov, Teploenergetika 12 no. 11-11-16 N '65.

Buckling of steam turbine housings due to thermal stresses, A. Sh. Lefsevykh and others, Teploenergetika 12 no. 10-57-62 O '65.

Calculation of temperature caused deformations of steam turbine cylinders during cooling, V. I. Pokhodenko, Teploenergetika 12 no. 11-16-50 N '65.

Calculation of the "back-surge" characteristics of a nozzle apparatus, G. A. Filippov, V. V. Priakhin, Teploenergetika 12 no. 11-20-31 N '65.

Conversion of the control system of the M-25 turbine to hydraulic operation, V. A. Ichedev and others, Energetik 13 no. 10-11-14 O '65.

Design of condensing systems for large turbine units, L. D. Gerasim, Teploenergetika 12 no. 11-11-10 N '65.

Development and experimental study of the cascade of profiles of the root cross sections of the guide blades of the terminal stage of a large steam turbine, M. I. Zhukovskii, E. A. Gukasya, E. E. Drozd, Energomashinostroyeniye 11 no. 9-3-6 S '65.

Effect of the angle of departure on the characteristics of annular turbine lattices with large fan pattern, M. I. Delch, L. E. Kiselev, B. N. Krupnik, Izv. vyz. ucheb. zav., energ., 8 no. 10-56-62 O '65.

Mechanical characteristics of discs and covers of steam turbines and air blowers, P. V. Sidukov, Energomashinostroyeniye 11 no. 9-12-14 S '65.

Methods for calculating the efficiency of heat regeneration in steam and gas systems, B. V. Staryanov, A. A. Markov, Elektr. sta., 38 no. 11-36-40 N '65.

Motion of drops in the inter-row gaps of steam turbines, R. M. Iablonik, E. E. Markov, L. E. Al'shuler, Izv. vyz. ucheb. zav., energ., 8 no. 10-63-70 O '65.

Regulated double-rib turbine stage with bypassing of the second rim at high loads, L. I. Kirillov, V. D. Peshenchny, Energomashinostroyeniye 11 no. 9-7-9 S '65.

Study of the cascade of profiles of a turbine, A. M. Zavadovskii, A. L. Bekovich, Teploenergetika 12 no. 10-63-68 O '65.

Study of the effectiveness of the modernization of the T1-25-50/10 turbine, B. A. Tikhonov, N. A. Zhilkin, Elektr. sta. 38 no. 10-40-43 O '65.

Study of the efficiency of the K-100-130 turbine and block as a whole unit, V. E. Dmitriev, Teploenergetika 12 no. 11-20-24 N '65.

Study of the moisture collectors of low-pressure turbine stages, I. U. F. Koslak and others, Energomashinostroyeniye 11 no. 9-10-12 S '65.

Study of the structure of flow turbulence in a turbine stage, A. M. Leonov, Izv. vyz. ucheb. zav., energ., 8 no. 9-32-37 S '65.

Testing of a model of steam inlet seals of the SVK-130 turbine manufactured by the Leningrad Machine-Building Plant, A. V. Rainer, Energomashinostroyeniye 11 no. 9-32-33 S '65.

Thermal characteristics of the T-100-130 central heating turbine, I. A. M. Rubinshtein and others, Teploenergetika 12 no. 11-12-20 N '65.

Trends in the development of steam turbines in the U.S.S.R. and the course of research in this area, K. M. Markov, Energomashinostroyeniye 11 no. 9-1-3 S '65.

Test run and experience in the operation of M-25-210-kh102 turbine unit, V. I. Kostin and others, Teploenergetika 12 no. 11-11-17 O '65.

Two-stage control system of a steam turbine, V. G. Chasov, Teploenergetika 12 no. 11-11-17 O '65.

Use of nonaqueous in the design of multiple, A. V. Bobrov, Energomashinostroyeniye 11 no. 9-1-26 Ag '65.

STEAM TURBINES—CLEANING

Flushing of the blade apparatus of a turbine in the zinc-hydrogen, B. N. Mamonov, I. R. Kozlov, I. A. Stavlakhi, Elektr. sta. 38 no. 10-13-14 O '65.

STEAM TURBINES—COOLING

Temperature field of a turbine rotor cooled by water, I. A. Stavlakhi, I. R. Kozlov, I. A. Stavlakhi, Elektr. sta. 38 no. 10-13-14 O '65.

STEAM TURBINES—MAIN PLANING AND REPAIR

Effectiveness of increasing the operating period for general overhaul of boiler and turbine equipment of electric power plants, B. I. Reigal, Elektr. sta. 38 no. 10-27-10 O '65.

STEAMBOATS

At the service of our steam navigation, A. B. Vekov, Shkola prolet., 9 no. 10-66-68 O '65.

STEAMPIPES

Study of operational reliability of 42% class steel with the TGM-01 boiler, R. I. Panchuk, V. B. Solov'ev, Energomashinostroyeniye 11 no. 9-12-11 '65.

Study of the hydrolysis of a flow from a pipe, V. A. Krasakova, B. N. Gubarev, Energomashinostroyeniye 11 no. 9-11-14 S '65.

Study of the temperature conditions of the supercritical pipes of boilers, B. I. Kuznetsov, Izv. vyz. ucheb. zav., energ., 8 no. 10-47-53 S '65.

STEAMPIPES—WELDING

Design strength of joints welded by high frequency, A. V. Baknet and others, Teploenergetika 12 no. 11-17-20 N '65.

Examination of the welded joints of steam pipes, A. V. Baknet and others, Teploenergetika 12 no. 11-17-20 N '65.

Present state and prospects for the development of joint welding of pipe heating surfaces, A. V. Baknet and others, Teploenergetika 12 no. 11-17-20 N '65.

STEEL

Cavitation resistance of steel, N. I. Babits, Energomashinostroyeniye 11 no. 8-12 Ag '65.

Successive yield and fracture in steel, N. G. Gubarev, G. I. Talykov, Vopr. fiz. 40 no. 16-19-19 '65.

STEEL—ANALYSIS

Effect of carbon and post quenching cold plastic deformation on the properties of steel, M. I. Babits, V. B. Shumov, Metallurg. i term. obrab., no. 6-3-31 S '65.

Effect of carbon content on the properties of high alloy low-alloy steels, A. V. Volkanov, I. B. Kozlov, Metallurg. i term. obrab., no. 6-3-32 S '65.

STEEL—CORROSION

Corrosion cracking of ferrite-bainite high-alloy steels, O. K. Krasakova, V. B. Shumov, Teploenergetika 12 no. 11-11-18 O '65.

Corrosive exploitation of metals of petroleum refineries low-temperature equipment, A. V. Gubarev, I. B. Kozlov, N. P. Zolov, Khim. i met. obrab., no. 20-32 S '65.

STEEL—ELECTROMETALLURGY

Desulfuration of acid electric steel by the hydrolytic powder-like fluxes, V. B. Shumov, L. S. Gubarev, Teploenergetika 12 no. 11-11-18 O '65.

Smelting cast iron and steel briquets in electric arc cupola furnaces, G. G. Danilenko, I. B. Kozlov, Elektr. sta. 43-44 Ag '64.

STEEL—FATIGUE

Effect of carbon content on the properties of high alloy low-alloy steels, A. V. Volkanov, I. B. Kozlov, Metallurg. i term. obrab., no. 6-3-31 S '65.

STEEL—FRACTURE

Effect of a fall in temperature on the type of steel fracture, V. P. Severdenko, A. A. Malyshevskii, Dokl. AN SSSR 164 no. 9-520-528 Ag '65.

STEEL—HARDENING

Effect of carbon and post quenching cold plastic deformation on the properties of steel, M. I. Babits, V. B. Shumov, Metallurg. i term. obrab., no. 6-3-31 S '65.

Hardening low-carbon sheet steels by the method of strip quenching, I. S. Kinkhovich, P. A. Malinin, I. A. Stavlakhi, Avt. prom., 31 no. 8-40-41 Je '65.

Some results of studying the frictional heating and hardening of steel surfaces, P. P. Botov, Trudy Ufensk. sel'khoz. inst., 10 no. 2-39-103 '64.

STEEL—HEAT TREATMENT

Development of and progress in the technology of the heat treatment of steel in the machinery industry. A. A. Shmygova. Izv. AN SSSR, Met., no. 5:100-120 S-O '65.

Effect of single and double thermal treatment of properties of medium carbon low alloy steel. P. A. Shur, I. R. Ruzhin. Metalloved. i term. obr. met., no. 8:21-25 S '65.

STEEL—METALLOGRAPHY

Effect of single and double thermal treatment on properties of medium carbon low alloy steel. P. A. Shur, I. R. Ruzhin. Metalloved. i term. obr. met., no. 9:21-25 S '65.

Present state of the problem of transformations in supercooled austenite. R. I. Fath. Izv. AN SSSR, Met., no. 5:89-92 S-O '65.

Structural transformations during the heating of steel. V. D. Sadovskii. Izv. AN SSSR, Met., no. 9:11-19 S-O '65.

Transformations during steel quenching. K. F. Starodubov. Izv. AN SSSR, Met., no. 5:50-58 S-O '65.

STEEL—METALLURGY

Complete decarburization of medium carbon steel. I. P. Voichuk, I. V. Shul'tse. Lit. proizv., no. 9:26-28 S '65.

Effect of small additions of boron on the properties of G13L steel. M. I. Karbatov and others. Lit. proizv., no. 9:31-35 S '65.

STEEL—OXYGEN CONTENT

State of oxidation of the open-hearth mild rimmed steel. N. I. Smutkin. Met. i gor. i p. prom., no. 4:30-31 Ji-Ag '65.

STEEL—PICKLING

Use and reduction of the pickling composition of the 2000 plate mill. V. I. Respiants. Metallurg, 10, no. 10:33-36 O '65.

STEEL—QUENCHING

Transformations during steel quenching. K. F. Starodubov. Izv. AN SSSR, Met., no. 5:50-58 S-O '65.

STEEL—TESTING

Low-alloy steel for tractor track units. F. A. Dekerman and others. Lit. proizv., no. 1:1-2 S '64.

Mechanical properties of semi-skilled and capped 5t 3ps and 5t 3kp steels. I. A. Shnecrov and others. Metalloved. i term. obr. met., no. 9:2-5 S '65.

Production methods and the properties of steel. A. P. Gullayev. Izv. AN SSSR, Met., no. 5:15-26 S-O '65.

STEEL—WELDING

Technological characteristics of electric arc welding of dissimilar steels. L. S. Livshits, L. P. Bakhrakh, Vest. mashinost., 45, no. 7:58-62 Ji '65.

Welding of high-carbon austenitic steel. A. N. Safonov. Mashinostroyeniye II, no. 8:37-39 Ag '65.

STEEL, AUTOMOBILE

Studying a new brand of steel for the T-140 tractor track. F. A. Dekerman and others. Trakt. i sel'khoz. mash., no. 4:3 S '65.

STEEL, HEAT RESISTANT

Changes in the heat resistance of Kh18N9 steel as a result of preliminary cyclic heat treatment. P. V. Zubarev. Izv. AN SSSR, Met., no. 5:170-172 S-O '65.

STEEL, HEAT RESISTANT—HARDENING

Effect of the temperature of plastic deformation on the kinetics of aging of heat resistant austenitic steels. M. A. Savitskiy, E. N. Sokolov, M. M. Shteinberg. Izv. AN SSSR, Met., no. 5:148-155 S-O '65.

STEEL, STAINLESS

Study of the possibility of stainless steel in nitric acid by the measurement of differential capacity. V. S. Kuzub, G. G. Kossyi. Zhur. prikl. khim., 38, no. 6:1404-1407 Ju '65.

STEEL, STAINLESS—BRITTLENESS

Effect of heat treatment on the brittleness of ferritic austenitic steels. I. A. Sokol. Metalloved. i term. obr. met., no. 3:45-47 Mr '65.

Embrittlement of ferritic austenitic and ferritic stainless steels. A. P. Gullayev, E. G. Fel'dgandor, L. I. Savkina. Metalloved. i term. obr. met., no. 3:41-44 Mr '65.

Reasons for the occurrence of brittleness in ferritic austenitic stainless steels. V. M. Kardonskii, M. D. Perkas. Metalloved. i term. obr. met., no. 3:37-40 Mr '65.

STEEL, STAINLESS—HARDENING

Thermomechanical treatment of the martensitic class stainless steel. D. I. Brastavskii and others. Izv. AN SSSR, Met., no. 5:143-146 S-O '65.

STEEL, STAINLESS—HEAT TREATMENT

Investigation of the effect of heat treatment on the properties of porous stainless steel. S. M. Solonin, L. V. Globa. Porosh. met., 5, no. 1:13-19 Ja '65.

STEEL, STRUCTURAL

Cast and weld-on steels are cyclically durable materials for press-fitted parts. M. M. Kolesin, L. I. Dekhtin, Vest. mashinost., 45, no. 7:35-40 Ji '65.

Stain-resistant steels for concrete reinforcement. P. A. Morozov. Trudy Un. d. inzh. nat., 6, Str. 10:11-62 '64.

Streletskiy, N. S., and D. N. Streletskiy. [Designing and manufacturing economical metal elements, materials for a course on metal elements] Prikladnye i izgotovleniya ekonomicheskikh metallicheskikh konstruktsiy, materialy k kursu metallicheskikh konstruktsiy [Vladimir] Streltsov, No. 4, 1961. 358 p.

Study of the mechanical properties of twisted reinforcement. P. A. Morozov. Trudy Un. d. inzh. nat., 6, Str. 10:13-47 '64.

Using high-strength steel in construction and machinery manufacture. P. I. Shtolovskiy. Standartizatsiya '69, no. 8:61-62 '65.

STEEL, STRUCTURAL—METALLOGRAPHY

Effect of pre-earthen metals on the structure and properties of structural steel. A. F. Poltavova, I. V. Krivokvashin, I. V. Piskov. Metalloved. i term. obr. met., no. 9:37-41 S '65.

STEEL, STRUCTURAL—METALLURGY

Alloying structural steel. A. I. Dontsova. Metalloved. i term. obr. met., no. 8:11-17 S '65.

Effect of pre-earthen metals on the structure and properties of structural steel. A. F. Poltavova, I. V. Krivokvashin, I. V. Piskov. Metalloved. i term. obr. met., no. 9:37-41 S '65.

Properties of structural steel treated in the ladle with liquid synthetic slag. L. N. Davydova. Metalloved. i term. obr. met., no. 9:3-13 S '65.

STEEL, STRUCTURAL—TESTING

Properties of tool steels for use as structural material in the manufacture of machine parts. N. P. Artyukov, I. A. Geller. Metalloved. i term. obr. met., no. 8:18-21 S '65.

STEEL ALLOYS

High-boron chrome-nickel-tungsten-nickel steel 12CR100. K. A. Lanstain, L. V. Kuzikova. Teploenergetika, 12, no. 11:70-71 N '65.

STEEL ALLOYS—ANALYSIS

Determination of chromium and vanadium in alloyed steels by amperometric titration method with two indicators. Chichakova, A. I. I. Reuk, Izv. v. s. uch. i. zap., Khim. i Khim. tekh., no. 3:97-101 '65.

STEEL ALLOYS—HARDENING

Determining the hardenability of alloy steel by diagrams of isothermal transformation in austenite. V. N. Lomakin, E. I. Malinkina. Metalloved. i term. obr. met., no. 9:57-61 S '65.

STEEL ALLOYS—METALLOGRAPHY

Determining the hardenability of alloy steel by diagrams of isothermal transformation in austenite. V. N. Lomakin, E. I. Malinkina. Metalloved. i term. obr. met., no. 9:57-61 S '65.

STEEL ALLOYS—TESTING

Ageev, N. P. [Resistance to deformation of alloyed steels during hot pressure working] Soprotivleniye deformirovaniyu legirovannykh staley pri gor. i kach. obrab. davleniem. Leningrad, 1965. 36 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskii opyt. Seriya Gor. i kach. obrab. i kholodnaya obrabotka metall. i davleniem.)

STEEL CASTINGS

Indices of the technological properties of G13L steel. A. I. Shevtsov, E. P. Babich. Lit. proizv., no. 8:5-6 Ag '64.

STEEL CASTINGS—DEFECTS

Effect of the gas pressure in cores on the fusion of sand on steel castings. B. M. Gaisin. Lit. proizv., no. 8:15-16 Ag '61.

STEEL CASTINGS—TESTING

Effect of small additions of boron on the properties of G13L steel. M. I. Kuratov and others. Lit. proizv., no. 9:31-35 S '65.

Effect of titanium on the formation of the structure and air-tightness of Kh18N9TL steel pipe fitting castings. N. V. Firsen, I. U. Z. Babashkin. Lit. proizv., no. 9:3-5 S '64.

STEEL INDUSTRY

Accounting for joint capital investments in fixed assets. A. V. V. Plan. khoz., 42, no. 11:80-83 N '65.

STEEL INDUSTRY—EQUIPMENT AND SUPPLIES

Accounting for joint capital investments in fixed assets. A. V. V. Plan. khoz., 42, no. 11:80-83 N '65.

STEEL INDUSTRY—FINANCE

Maizel's, D. L. [Organization, planning and financing of capital construction in the ferrous metal industry] Organizatsiya, planirovaniye i finansirovaniye kapital'nogo stroitel'stva v chernoi metallurgii. Izd. 2., pere. Moskva, Metallurgiya, 1965. 125 p.

STEEL INDUSTRY—MANAGEMENT

See subdivision under Begovat (Uzbekistan)

STEEL INDUSTRY—PRODUCTION METHODS

Production methods and the properties of steel. A. P. Gullayev. Izv. AN SSSR, Met., no. 5:15-26 S-O '65.

STEEL INGOTS

Heating high-grade steel ingots with dolomite waste. V. I. Alomstevskii, S. I. Bogachev, A. N. Vasil'ev. Metallurg, 10, no. 10:17-19 O '67.

Pouring of steel under slag of exothermic mixtures with graphite. A. I. Shevtchenko, V. B. Malakhov, I. A. Timonov. Met. i p. prom., no. 1:74-76 Ji-Ag '65.

Steel crystallization and the structure of the ingot. B. B. Gullayev, I. U. P. Solntsev. Izv. AN SSSR, Met., no. 5:27-30 S-O '65.

Terminology and crystallization zones of ingots. I. N. Malinichka. Lit. proizv., no. 8:16-17 Ag '64.

STEEL INGOTS—CLEANING

Mechanization of slab cleaning. I. Kh. Shumovskii. Metallurg, 10, no. 10:32-33 O '65.

STEEL INGOTS—DEFECTS

Conditions of welding up internal cracks during the forging of ingots of high-alloy steel and alloys. B. F. Vakhvanov, I. A. M. Oshimenko. Kur. sluzh. proizv. S, no. 9:12-16 S '64.

STEEL PIPE

See Pipe, Steel

STEELWORKS

See Iron and steel plants

STEFAN, Metropolitan of Warsaw and Poland

Pathronization of His Beatitude Stefan, Metropolitan of Warsaw and Poland. Nikolai Lenchevskii. Zhur. Mosk. Patr., no. 9:51-60 '64.

STEFANYK, VASYL' SEMENOVYCH, 1871-1936

More on the language of V. Stefanyk. V. Lesyn. Rad. lit., 9, no. 9:30-36 S '63.

STELLITE

Investigating the possibility of preparing powder stellite. V. G. Toplenko, Z. V. Solov'yeva, G. T. Mukhshantava. Sber. trad. TSNIICHI, no. 43:15-118 '65.

STELMAKII, MYKHAILO PANASOVYCH, 1932-

Sources of creativity and beauty. Petro Kononenko. Rad. lit., 9, no. 5:11-10 My '65.

STEPPE FLORA

(See also subdivision under Kazakhstan, Kara Lowland; Mikhaylovskaya Virgin Steppe Preserve)

Some basic problems concerning the study of the geography and history of the vegetation of subarctic and arctic regions of the U.S.S.R. and adjacent countries. D. N. Lavrenko. Bot. zar., 50, no. 9:1260-1267 S '65.

STEPPESS

See subdivision under Kazakhstan

STEREOCHEMISTRY

Effect of electrostatic factors on the stereochemistry of hydride reduction of ketones of the piperidine series. E. A. Mestrikov. Izv. AN SSSR, Ser. khim., no. 10:1826-1832 '65.

Stereochemical studies. Part 18: Determination of amino configuration by the rotatory dispersion method. V. M. Potapov, V. M. Dem'yanovich, A. A. Terent'ev. Zhur. ob khim., 35, no. 9:1538-1545 S '65.

Thermal decomposition of bisoxides and iodides of mixed platinum (III) cis-alloy amines. A. V. Ahlov, V. G. Semina. Zhur. neorg. khim., 10, no. 9:1987-1989 S '65.

STEREOPHONIC SOUND SYSTEMS—TESTING

Method for the comparison of two different two-channel stereophonic sound systems. G. P. Malinovsky. Tolk. kino i telev., 9, no. 11:32-39 N '65.

STERIC HINDRANCE

Sterically hindered 3-hydroxypyridines. Report No. 5: Proton magnetic resonance method and chemical methods of studying the course of reactions of amino- and hydroxymethylation in the 2-alkyl-3-hydroxypyridine series. L. D. Smirnov and others. Izv. AN SSSR, Ser. khim., no. 10:1836-1845 '65.

STERILITY

Clinical morphological examination in azoospermia. I. B. Nasut, Udalova 20, no. 3:28-33 My-Je '64.

Clinicopathological data in some forms of male sterility. I. B. Nasut. Vest. derm. i ven., no. 2:81-84 '65.

Late results of the treatment of female sterility at Lipetsk Health Resort. E. I. Davina, Z. I. Gorlanova. Sbor. nauch. rab. vrach. univ. - kur. uchr. profsojuzov, no. 1:180-190 '64.

STONECUTTING—EQUIPMENT AND SUPPLIES

New equipment for stone working K I Rusakov, IU I Sychev, Str. i dor. mash. 10 no. 9-25-30 S '65

STOPING (MINING)

Methods of geological properties in the massif during advancing stoping operations in steeply plunging seams, I. I. Gorbatchev, G. I. Giltsev, B. V. Vlasenko, Fiz.-tekhn. probl. razrab. pol. iskop., no. 113-114 '65.

STORAGE TUBES

Petrushko, A. I., and S. V. Denbiovetskiy. [Scale-time pulse signal converters] Mashtabno-vremennyye preobrazovateli impul'snykh signalov. Kiev, Tekhnika, 1965. 157 p.

STORES, RETAIL see subdivision under Vologda Province

STORES, RETAIL—EQUIPMENT AND SUPPLIES see subdivision under Chelyabinsk

STORMS see subdivision under Moldavia

STORMS, MAGNETIC see Magnetic storms

STRABISMUS

Uchomyslov, A. N. [Concomitant strabismus, experimental and clinical studies] Soderuzhestvennoe isssledovanie eksperimentatnykh i klinicheskikh issledovaniy. Pod red. A. A. Zubkova. Kishinev, Karita moldovenaske, 1965. 227 p. (DNLM)

STRAIN GAUGES

Resistor switch for strain gauges A. A. Anofeev Izv. tekhn. no. 18-19 S '65

Spring-type strain gauge for measuring flow rates, V. A. Abramov, P. M. Sheidakov Izv. tekhn. no. 9-59 S '65

STRAINS AND STRESSES

Criterion of the nonuniformity of tensile strain I. G. Khaitonov, Zav. lab. 31 no. 9-1123-1125 '65.

Determination of residual stresses with recalculation of the tensoimeter readings by an electronic computer, N. A. Karasov, V. I. Morozov, N. M. Varchak, Zav. lab. 31 no. 9-1133-1135 '65.

Measuring the extrinsic stresses in three-bayed arches L. B. Grinze, Trudy Leningd. opt. optika, no. 135-140 '64

Determining the total pressure of earth filling on the walls of sluice chambers, V. M. Gogolitsina, S. A. Fild, Trudy Leningd. opt. optika, no. 111-151 '61

Effect of the traveling speed of the DT-75 tractor on the stresses in suspension systems, S. S. Dmitrichenko and others, Trakt. i sel'khoz. mash., no. 65-7 '65.

Efficient reinforcement of circular plates by radial ribs, A. I. Manovich, Stroi. mekh. i rasch. soor., 7 no. 5-18-21 '65.

Examining the stressed state of a cylindrical container on a model, IU. I. Kochnev, B. I. Krut'yanov, V. S. Lyubov, Stroi. mekh. i rasch. soor., 7 no. 5-19-52 '65.

Experimental determination of stresses in the foundation of a pneumatic hammer with a one-piece anvil, B. S. Potemavchikov, Kuz.-stom. proizv. 6 no. 9-25-29 S '65

Experimental investigation of the stressed state of over-ground "hot" pipelines L. I. Bykov, P. P. Borodavkin, Tramp. i khar. nef. i nef. prod., no. 5-8-11 '65.

Internal stresses in reinforced systems based on polyester acetate binding agents, L. A. Sukhareva and others, Plast. massy no. 10-31-34 '65.

Moscow, Institut mashinovedeniya. [Vibrations and strength at variable stresses] Kolebaniya i prochnost' pri peremennyykh napryazheniyakh, Moskva, Nauka, 1965. 188 p.

Nonlinear effects in problems of stress concentration at the boundaries with reinforced edges, G. N. Savin, IU. I. Koffman, Prikl. mekh. 1 no. 9-1-13 '65.

Photoelectronic method for determining the stressed state of models using the photoelasticity technique under both dynamic and static conditions, A. V. Korneyev and others, Zav. lab. 31 no. 9-1119-1122 '65.

Primary and secondary internal stresses in zinc and cadmium deposits, M. A. Popereka, Zhur. fiz. khim., 39 no. 9-2103-2108 S '65.

Regularity of infinite systems obtained in determining the stressed state of elastic media with circular holes, A. S. Kosmodamianskiy, Izv. AN SSSR, Mekh., no. 3-100-110 S-O '65.

Standard strength calculation for the elements of steam boilers, L. B. Sigalov, Elezop. truda i vprom., 9 no. 8: 46-48 Ag '65.

Stress concentration in a quasi-half-plane and other areas, N. S. Kurdin, Inzh. zhur., 5 no. 5:868-875 '65.

Stress concentration in elastically deformed media, N. S. Kurdin, Izv. AN SSSR, Mekh., no. 5:98-94 S-O '65.

Stress distribution in the contact area of a rigid cylinder and a flexible support, P. A. Zagablchenko, A. I. Gashko, IU. A. Latvinenko, Prikl. mekh. 1 no. 9-11-13 '65.

Stresses in cellular concretes in autoclave treatment, I. I. Akhmedov, Trudy Un. d. inzh. i arh., 6 Stron., no. 1 63-78 '65.

Stresses in continuous rail lines during maintenance work with the use of ballast cleaners, V. I. Novakovich, Trudy OMIT no. 71-10-18 '65.

Study of the dynamic pressure of water on a vertical right wall in a triangular canyon, I. I. Matveev, Soob. AN Gruz. SSR 19 no. 3-61-653 S '65.

Studying stress conditions of the mobile frame of the SKEN-3G heat treating combiner by the optical method, A. M. Chumachenko, IU. B. Brusilovskiy, P. P. Glushchenko, Trakt. i sel'khoz. mash., no. 9-7-29 Ag '65

Studying the relationship between the chemical reduction of stresses and the failure of rubber seals, L. I. Lushchanskaya, N. V. Tsypina, A. S. Kuz'minskiy, Kuch. i or., 21 no. 9-13-15 '65

Transforming strains to deep microstrains by means of the weight of drill pipe, N. I. Brikmanov, G. A. Gerasimov, 13 no. 1-17-21 S '65.

STRAINS AND STRESSES—ELECTROMECHANICAL ANALOGIES

Determination of the coefficient of strain concentration using an electron recoding installation, S. V. Ushakovskiy, Stroi. mekh. i rasch. soor., 7 no. 5-21-21 '65

STRAINS AND STRESSES—MEASUREMENT

Internal stresses caused by the coating of optical plane-parallel plates with synthetic glue "Hidraush", G. I. Pishchik and others, Izv. vuz. inzh. i arh. i arh., 8 no. 5-120-125 '65.

STRATIGRAPHIC PALEOBOTANY see Paleobotany, Stratigraphic

STRATIGRAPHIC PALEONTOLOGY see Paleontology, Stratigraphic

STRAVINSKIY, IGOR' FEDOROVICH, 1882-

Ianustovskiy, B. M. [Igor' Stravinskii, a short sketch of his life and work] Igor' Stravinskii, kratkiy ocherk zhizni i tvorchestva. Moskva, Muzyka, 1961. 286 p. (Muz)

STRAW—HARVESTING

(see also subdivision under Virgin Territory)

Development of grain harvesting combines and units for straw harvesting, M. A. Pustynin, Trakt. i sel'khoz. mash., no. 6 17-20 Ag '65.

STREAM MEASUREMENTS

Methodology of measuring low water discharge of small rivers, I. I. Chuklovskiy, Soob. rab. khar. i geotom. obs., no. 10-12-15 '65

STREET RAILWAYS—RAILS

Rolls of tramway tracks, O. N. Sadikov, Puti i put. stroit., 9 no. 7-15 '65.

STREET RAILWAYS—TRACKS

Russia (1023- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 31 of standard district uniform estimates for construction work, streetcar tracks] Shchitnik No. 31 edinykh i obshchikh edinchnykh i sostavok na stroitel'nye raboty i tamval'nye puti, Izd. Gosstat'mos, Moskva, Statizdat, 1965. 62 p.

STREETCARS—MAINTENANCE AND REPAIR

Removal of old paint from rolling stock by a chemical method, N. Vol'vskiy, Zhil. i kom. khoz., 16 no. 9-39-39 S '65.

STRENGTH OF MATERIALS

Dependence of the coefficient of friction on the molecular and kinetic processes in dry friction, A. A. Dyshko, Trudy OMIT 43 pt. 3-50-71 '64.

Differential method for calculating permissible stresses, S. N. Kimelev, Trudy IKI no. 11-71-83 '61.

Distribution of stresses in a material specimen in compression strength testing, I. G. Gribchuk, G. N. Bukharov, Izv. vuz. inzh. i arh., 6 Stron., 6 no. 5 128-133 My '65.

Effect of stresses in the friction surface layer of bodies on the coefficient of friction and wear, A. A. Dyshko, Trudy OMIT 43 pt. 2-197-210 '63.

Moskvitin, V. V. [Plasticity under the effect of variable loads] "Plastichnost" pri peremennyykh nagruzeniyakh. [Moskva] Izd-vo Mosk. univ., 1965. 262 p.

Strength reserves of sheet glass and its dispersion, E. F. Vitman, G. S. Pugachev, V. P. Pokh, Fiz. tver., tela 7 no. 9:2717-2722 S '65.

STREPTOCOCCUS

Characteristics of streptococci isolated from diphtheria patients, L. I. Kartushina, Soob. nach. iud. Tashkent 22 311-317 '62

STREPTOMYCIN

Desensitizing effect of streptomycin on experimental allergic origin in experimental tuberculosis, F. Z. Mirzalan, P. S. Karmatova, Antibiotiki no. 1-235-240 '65

Experimental production of antibodies against streptomycin and mycin, N. A. Ozeretskovskiy, Antibiotiki no. 1-222-225 '65.

Present-day therapy of tuberculous aetitis, I. I. Gasparyan, Soob. nach. iud. Tashkent 22 211-232 '65.

STRESS (PHYSIOLOGY)

Changes in the muscular tonus under the effect of physical stresses in different seasons, A. I. Shcherbakov, Rik. vop. i klin. i khar. vpt., no. 3:83-88 '63.

Myogenic thrombocytosis in animals of various ages during physiological physical stress, S. V. Bezdudnaya, Izv. zhur. [D. I.] 11 no. 1:511-513 Ji-Ag '65.

State of the intragastric blood supply of the extensor muscles during intense physical stress, P. Z. Hel'd, Tr. zhur. [D. I.] 11 no. 1:171-181 Ji-Ag '65.

STRIKES AND LOCKOUTS—STATISTICS

Trade unions and the strike movement in economically developed capitalist countries, IU. P. Korok, M. I. Kikon, I. merkh. iud. otn., no. 11-156-158 '65.

STRIP MINING

(see also subdivision under Kirovskiy Rog Basin)

Blasthole boring by combined percussion-rotary bits in strip mining, D. D. Karapshin, IU. M. Motov, Nauch. soob. IGD 21-13-21 '65.

Charges with air spaces and high-dispersion granulated explosives as means of controlling the blast effect, L. N. Mochenko, G. P. Demiduk, Nauch. soob. IGD 21-23-31 '65.

Computation of slopes in deep open pits, A. M. Demin, I. A. Antonov, Nauch. soob. IGD 24-14-105 '65

Determining the length of the job of a rotary excavator with increased shearing force, V. I. Koryev, Nauch. soob. IGD 21-13-24 '65.

Economic and mathematical modeling of loading and transportation operations in strip mining, K. D. Vukaltsh, I. I. Rentevich, Nauch. soob. IGD 21-13-10 '65

Efficiency of the methods of separate drawing in a series of coal seams in the Kuznetsk Basin mines, S. A. Dymnikov, Nauch. soob. IGD 21-109-122 '65

Efficient fields of applying various types of transportation in open pit mines, V. I. Bogdanov, IU. P. Fedorenko, Ugol. Ufa 9 no. 10:11-13 O '65

Main trends in the technology of strip mining in the mines of the Dnepropetrovsk Mining and Occ. District, G. G. Novobitov and others, Met. i gorn. prom., no. 1:50-61 Ji-Ag '65.

A method of computing the optimum output of an open-cut mine by its evaluation, I. M. Pikhonov, Nauch. soob. IGD 21-105-109 '65

Mining of open-pit side sections with heavy rotary excavators using the conveyor-bridge waste disposal system, A. I. Rostovtsev, Nauch. soob. IGD 21-66-72 '65

Parameters of the upper mining of coal, I. L. Mordukhovich, Nauch. soob. IGD 21-122-120 '65

Scientific research in the field of strip mining, N. V. Melnikov, Nauch. soob. IGD 24-12-12 '65

Slavutskiy, S. O., V. A. Antonov, and P. P. Tsvirko. [Open pit hydraulic mining operations] Otkrytye raboty gidravlicheskimi sposobami. Moskva, Nedra, 1965. 228 p.

Special methods of strip mining with the purpose of preserving the natural proportion of the mineral, M. M. Chennikov, Nauch. soob. IGD 24-130-141 '65.

System of remote and centralized control of teleph. cableways, A. G. Lovatetskii, N. P. Trut'nikov, Gorn. zhur., no. 8:50-62 Ag '65.

Systems of strip mining, V. V. Rzhovskiy, Trudy Un. d. inzh. i arh., 6 Stron., 6 no. 1:104-117 '63

STRIP MINING—EQUIPMENT AND SUPPLIES

Classification of transportation systems in open-cut mines, M. G. Potapov, Nauch. soob. IGD 21-15-41 '65.

An efficient planning of the work of excavating machinery in the flowchart of mining operations without haulage, N. Z. Garmash, Gorn. zhur., no. 9:12-16 Ag '65.

Possibility of increasing the efficiency of excavating machines in strip mining, D. I. Fedosov, I. A. Nedolozov, Fiz.-tekhn. probl. razrab. pol. iskop., no. 1 46-52 '65.

Technical and economic efficiency of automatically controlled high-capacity rotary bucket excavators, A. S. Belash, G. E. Litnitskiy, S. N. Vokko, Met. i gorn. prom., no. 1-89-93 Ji-Ag '65.

STRIP MINING—SAFETY MEASURES

Studying the effectiveness of local aeration in strip mining, L. A. Shmal'ko, Gorn. zhur., no. 8:71-72 Ag '65.

STRONTIUM

Some characteristics of the accumulation of yttrium and strontium by marine organisms. V. P. Parchevskii, G. G. Polikarpov, I. S. Zubatunova, Dokl. AN SSSR 161 no. 1 913-916 O '65

STRONTIUM COMPOUNDS—THERMODYNAMICS

Solubility and thermodynamic constants of some sparingly soluble strontium compounds. I. V. Kolesov, Zhur neorg. khim. 10 no. 9 2200-2202 S '65

STRONTIUM ISOTOPES

Microscopic and submicroscopic changes in the adrenal glands in radiation sickness caused by radioactive strontium. O. A. Khoromutovskiy, Fiziol. zhur. [Ukr.] 11 no. 4 504-515 Ji-Ag '65.

STRONTIUM ISOTOPES—EFFECT ON PLANTS see Plants, Effect of strontium isotopes on

STRUCTURAL ALUMINUM see Aluminum, Structural

STRUCTURAL DESIGN

Efficient distribution of materials in structures. V. A. Komarov, Izv. AN SSSR, Mekh. no. 5 85-87 S-O '65.

Komarov, A. A. [Principles of designing power elements] Osnovy projektirovaniya silovykh konstruktov [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1965. 86 p.

Method of preparing engineering calculations for mechanized execution. V. G. Gerdiev, M. Grinberg Vych. i org. tekhn. v stroit. i proekt. no. 1 62-73 '64.

Seminar on mechanization and automation of engineering and technico-economical calculations in structural design. N. I. Urovtseva Vych. i org. tekhn. v stroit. i proekt. no. 3 95-96 '64.

Shanglin, S. G. [Present-day methods of designing elements in industrial and civil construction] Sovremennyye metody rascheta konstruktiv v promyshlennom i grazhdanskom stroitel'stve Moskva, Vses. zaachnyy stroit. tekhnikum, 1964 195 p.

STRUCTURAL DESIGN—ELECTROMECHANICAL ANALOGIES

Some problems in electric simulation of rod systems. V. M. Kondrat'ev, Izv. AN Uz. SSR, Ser. tekhn. nauk 9 no. 5 37-45 '65

STRUCTURAL DESIGN—STANDARDS

Normative documents on structural designing and carrying out the construction work. Bhl. stol. i tekhn. 27 no. 9 3-4 S '65

STRUCTURAL ENGINEERING see Structural design

STRUCTURAL FRAMES

Calculating frames by the Cross method (shortened version). F. Sh. Korner Vych. i org. tekhn. v stroit. i proekt. no. 2 55-59 '61.

Golubtsov, N. V. [Design of statically indeterminate frames] Raschet slozhnykh ram, Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1964. 95 p.

STRUCTURAL FRAMES—DESIGN AND CONSTRUCTION

Prefabricated frameworks of buildings serving cultural and public needs. A. A. Gushchev Stroit. i arkh. Len. 27 no. 8 14-17 Ag '65

Zhemochkin, B. N. [Design of frames] Raschet ram, Moskva, Stroizdat, 1965. 405 p.

STRUCTURAL FRAMES—ELECTROMECHANICAL ANALOGIES

Deformation calculation and the calculation of the general rigidity of frames by a method of electric modelling. L. N. Stavratskiy, Vych. i org. tekhn. v stroit. i proekt. no. 2. 40-45 '64.

Designing frames for seismic action by using EMSS-7 and EMSS-7M analog machines. L. M. Pevzner, Vych. i org. tekhn. v stroit. i proekt. no. 2 59-64 '64.

STRUCTURAL FRAMES—VIBRATION

Determining the frequencies and forms of natural horizontal vibrations of a framework. E. I. Grinberg, Stroit. mekh. i rasch. soor. 7 no. 5 46-49 '65.

STRUCTURAL STEEL see Steel, Structural

STRUCTURES, THEORY OF

Minimum weight design of structures. L. M. Bolen'kii Trudy Koi tekhn. inst. i yb. prom. i khoz. no. 16 71-76 '63.

STRUCTURES, THEORY OF—ELECTROMECHANICAL ANALOGIES

Electric modeling of hinged-rod systems. V. M. Kondrat'ev, Vych. i org. tekhn. v stroit. i proekt. no. 3 37-44 '64.

STSIORSKII, BORIS IVANOVICH, d. 1896

Pedagogic activities of B. I. Stsiorskii, a friend of Dobrolyubov, in Nizhny Novgorod. D. A. Balika, Uch. zap. GGU no. 7 244-267 '65.

STUCCO

Accelerating the formation of the structure of stucco coating of a cold asphalt mastic by adding urea-formaldehyde resin. B. N. Olov, Izv. VNIIG 76.3 15-350 '64.

STUDENOYE, LAKE—PHYTOPLANKTON

Phytoplankton in Lake Studenoye of the Parana River system. V. I. Timelacev Trudy TSU no. 10 50-56 '65.

STUDENT ACTIVITIES

(see also subdivision under Kiev, Priloki District)

Good initiative and useful activities. Nar. obr. no. 10. 21. 23 O '65.

Group solves new problems. L. Novinskiy Nar. obr. no. 10 60-63 O '65.

Let's improve educational work. Vech. sred. shkola 8 no. 5 3-6 S-O '65.

Main aspects of the problem "Public activities as a means of moral education in general schools" and the organization of its study with the participation of teachers. I. P. Sokol'nikov Uch. zap. Chuv. gos. ped. inst. no. 16 42-51 '63.

Urgent problems of the work of schools with longer hours. K. F. Pylyashchuk, O. S. Tatenko Rad. shkola 14 no. 10 70-73 O '65.

STUDENT EMPLOYMENT

Establishing work norms for students. N. F. Iakubyn, Shkola i prosv. 9 no. 8 84 Ag '65.

STUDENT-TEACHER RELATIONSHIPS see Teacher-student relationships

STUDENTS' SOCIETIES see subdivision under Moscow

STURGEONS see subdivision under Yakutia

STURGEONS—PARASITES see Parasites—Sturgeons

STURGEONS—PHYSIOLOGY

Hemoglobin types in the ontogeny of sturgeon (Acipenser guldenstadti Brandt). L. F. Golovanenko, Izv. Gos. NIORH 58-128-131 '64.

STYRENE

Arylation of phenol by styrene in the presence of orthophosphoric acid. A. A. Gadzhibalaev, M. I. Aikhov, Izv. vys. ucheb. zav. i khim. i khim. tekhn. 8 no. 3 469-475 '65.

Properties and structure of the products of vulcanization reaction with styrene. A. I. Vasilov, I. A. Tutovskiy, B. A. Dogadkin, Kauch. i rez. 24 no. 10 23-26 '65.

Synthesis of p-phenoxystyrene homologs. M. G. Rudenko, I. G. Turlanchik, Izv. AN SSSR, Ser. khim. no. 10-1869-1870 '65.

Synthesis of styrenes with fluorine in the vinyl group and organometallic substituents in the ring. R. S. Sorokina, E. M. Panov, K. A. Kocheshnikov Zhur. ob khim. 35 no. 9 1625-1628 S '65.

STYRENE POLYMERS

Copolymerization of methyl acrylate with styrene and acrylonitrile in triethylamine solution. N. N. Rozovskaya, A. P. Shelnker, A. D. Akkin, Vysokom. soed. 7 no. 9 1500-1503 S '65.

Copolymerization of unsaturated novolak resin ester with styrene. A. Ia. Tsybul'ko, T. D. Lipatova, I. U. S. Lipatov Vysokom. soed. 7 no. 9 1626-1632 S '65.

Effect of aldehydes on the rate of polymerization of butadiene and methyl styrene. N. D. Volselskaya and others. Kauch. i rez. 24 no. 8 51 '65.

Effect of the graphitizing of channel black on the adsorption of polystyrene. E. K. Bogacheva, A. V. Kiselev, I. U. A. D'ekov, Koll. zhur. 27 no. 5 656-660 S-O '65.

Graft copolymerization of styrene with ϵ -caprolactam in block. E. L. Baranov, T. M. Frunze, V. V. Kurashov, Izv. AN SSSR, Ser. khim. no. 10-1890-1896 '65.

Rheology of polymers. Elastic strength and viscous properties of polystyrene in a molten state. G. V. Vinogradov, I. M. Belkin, Koll. zhur. 27 no. 5 668-673 S-O '65.

Softening, high-elastic resilience, and structure of space-polymers of methyl methacrylate and styrene with diolfinic monomers. S. K. Zakharov and others. Vysokom. soed. 7 no. 9 1554-1561 S '65.

STYRENE POLYMERS—CORROSION

Resistance of polystyrene to aggressive media of coke and coal chemical production and to various acids. L. P. Vladimirov, R. S. Konikova, L. P. Komarova, Plast. massy no. 10 37-38 '65.

SUBLIMATION (PHYSICAL SCIENCES)

Effect of oxide films on sublimation kinetics. M. B. Bronfin, A. A. Zhukovitskiy, V. A. Marichev, Fiz. tver. tela 7 no. 9 2003-2006 S '65.

SUBMARINE BOATS

A meeting with youth. D. Burov, Sov. voen. 16 no. 17: 8 Ag '64.

SUBMARINE BOATS—MODELS

Model of a submarine. A. Tseloval'nikov, Voen. zhur. 11 no. 9 42-13 S '65.

SUBMARINE DIVING see Diving, Submarine

SUBMARINE GEOLOGY

(see also subdivision under Pacific Ocean)

Rukhiev, V. G. [Methods of studying the recent and latest territories of the shelf zones of seas and oceans] Mirody izucheniya novoyshel'nykh zonen tektonicheskoy shel'fovykh zon morskoy i okeanov. Moskva, Nedra, 1965 213 p.

SUBMARINE MINES see Mines, Submarine

SUBMARINE OIL WELL DRILLING see Oil well drilling, Submarine

SUBSIDENCES (EARTH MOVEMENTS)

(see also subdivision under Slavropol Territory)

Inflow of water into seams as a method of pumping out. A. F. Kochin, Bezop. truda v prom. 9 no. 8 35-39 '64.

SUBSTITUTION (CHEMISTRY)

Effect of substituents on one-electron reduction of anthraquinone derivatives. A. I. Brodskiy, I. I. Gushchev, Izv. vys. ucheb. zav. i khim. 1 no. 1 152-154 '65.

Extraction capacity of organic compounds depending on their structure and electronegativity of substituent groups. Part 2. Effect of electronegative groups. A. M. Rozen and others. Radiochimica 7 no. 5 44-45 '65.

1,2-Diphenyl-1-1-2-2-tetrafluoroethane derivatives. Part 3. Effect of 4,4'-substituents of α,β -difluoroethane on the addition of fluorine. I. M. Agapovskiy, B. F. Malichenko Zhur. ob khim. 35 no. 9 1619-1624 S '65.

Synthesis of styrenes with fluorine in the vinyl group and organometallic substituents in the ring. I. U. Sorokina, E. M. Panov, K. A. Kocheshnikov Zhur. ob khim. 35 no. 9 1625-1628 S '65.

Transmission of the induction effect of substituents. SCF₃, SOCF₃, SO₂CF₃ through a methylene group. V. V. Orlov and others Zhur. ob khim. 35 no. 1 1644-1638 S '65.

SUBWAYS—DESIGN AND CONSTRUCTION see subdivision under Leningrad

SUBWAYS—STATIONS see subdivision under Leningrad

SUCCINIC ACID—EFFECT ON PLANTS see Plants, Effect of succinic acid on

SUCKER RODS

Central injection of hot petroleum in rod bottom-hole production using a device for pouring liquid from pipes. O. M. Charyev, Nefteprom. delo no. 3 20 '65.

Guzinov, I. A. A. [Method for calculating sucker rods for endurance] Metodika rascheta shtagovyykh kolon na vyнослиvost' Baku, Azernesht, 1965. 125 p.

SUCROSE

Kinetics of saccharose crystallization from aqueous solutions. A. V. Zubchenko, I. G. Samoilov, A. I. Kiselev, Khim. i fond. prom. 8 no. 6 12-11 Ji-Ag '65.

SUDAN—POLITICS AND GOVERNMENT

After the overthrow of the military dictatorship. Attila Khaleq al-Mahjub, Az. i Af. seg. 9 no. 10 10 '65.

The problem of the South in Sudan. S. Volk, Ar. i Afr. seg. 9 no. 10 28-29 O '65.

SUDRABKALNS, JANIS, 1894—BIBLIOGRAPHY see Bibliography—Sudrabkalns, Janis, 1894-

SUFISM

Boril's, E. E. [Selected works] Ibrannyye tury. Moskva, Nauka. [Vol 3. Sufism and Sufistic literature] Sufizmi i sufistskaya literatura. 1965. 522 p.

SUGAR BEET BREEDING

Some problems concerning the selectivity of fertilization in diploid and tetraploid sugar beets. V. A. Trofimov, V. O. Panin, I. A. Shevtsov, Ukr. bot. zhur. 22 no. 3 3-7 '65.

Spontaneous polyploid and haploid forms of twin sugar beet plants. T. B. Dobrotskaya, A. N. Lukhov, A. M. Manzhos, Dokl. AN SSSR 161 no. 1 221-221 O '65.

SUGAR BEET MACHINERY (see also subdivision under Novosibirsk Province, Ukraine)

Evaluating the performance quality of a circular bevel fork in digging under sugar beet roots. A. A. Gubina, I. U. N. Utekhin, Trudy Ufian. sel'skhoz. inst. 10 no. 2. 3-10 '64.

SUGAR BEET MACHINERY (Continued)

Ievchenko, O. M. [Following the example of Vladimir Svetlichnyi] Za prikladnoye Volodymyra Svetlychnoho [Kharkiv]. Kharkiv: P. P. Pavlovskiy vyd-vo, 1963 25 p. (Minsky sel.) (DNAI)

The KST-2 sugar beet harvesting combine. I. Aleksey, V. Pechenskiy. Tekhn. i tekhn. 25 no. 6:42-13 Je '65.

Mounting the PKV sugar beet loader. V. Pecher, Tekhn. i tekhn. 25 no. 6:42-33 Je '65.

SUGAR BEETS

(see also subdivision under 'Sokal' District)

Agronomical indices of the conditions for the formation of the crop of sugar beet root in the non-Chernozem zone of the European territory of the U.S.S.R. O. M. Kontorshchikova. Trudy TSIP no. 115:147-155 '65.

Autotrophism in the reproductive organs of sugar beets under the conditions of inhibited growth. N. D. Tsyk. Ukr. bot. bot. 22 no. 5:18-21 '65.

Resistance of diploid triploid and tetraploid sugar beets to herbicides. A. V. Vozdvyk, Zh. V. Popova, Khim. sel. khoz. 3 no. 9:47-51 S '65.

Sugar beet crop relations. M. A. Grachov. Zemledelie 27 no. 12:13-26 N '65.

Tishchenko, A. I. [Overall mechanization of row crop cultivation, work practices of the feed production brigade of the "Obilnyi" State Farm] Kompleksnaya mekhanizatsiya obrabotki popyashnykh, opyl raboty kollektivnykh brigad soykhozov "Obilnyi" Simferopol', Izd-vo "Kym", 1964 35 p. (DNAI)

Use of alupur and optam in sugar beet fields. K. P. Puzanov. Vopr. AN BSSR. Ser. sel'khoz. nauch. 3 no. 3:1-3 '65.

SUGAR BEETS—DISEASES AND PESTS see subdivision under 'Ternopol' Province, Ukraine, White Russia

SUGAR BEETS—EXHIBITIONS

Exhibition of today's technological field crops. I. Velenets. Inform. bul. VDNKh no. 1:39-10 N '65.

SUGAR BEETS—IRRIGATION see subdivision under 'Paghistan

SUGAR INDUSTRY

(see also subdivision under 'Moldavia; Ukraine)

The wholesale sugar trade. O. Ridin. Sov. tolg 39 no. 10:10-21 O '65.

SUGAR MANUFACTURE

Complex preparation of water for diffusion with the use of SO₂. I. F. Zelikman, V. M. Primen. Izv. vuz. ucheb. av. i spetsial. tekhn. no. 5:70-83 '65.

SUGARCANE—HARVESTING

KST-1 pull-type combine for harvesting sugarcane. B. A. Popov, E. I. Khokhlov. Tekhn. i tekhn. 25 no. 8:37-38 Ag '65.

SUGARS

Sugar compounds with organic acids in dormant and germinating corn and wheat seeds. S. V. Soldatenkov and others. Fiziol. rast. 12 no. 3:457-462 My-Je '65.

SUKACHEV, VLADIMIR NIKOLAEVICH, 1880-

Vladimir Nikolaevich Sukachev and his role in the study of plant resources; on his 85th birthday and the 65th anniversary of his scientific activities. N. E. Kabanov. Rast. res. 1 no. 3:401-404 '65.

SUKHUM—ADULT EDUCATION

Health of culture, an All-Union review of people's universities. M. Khvatitskaya. Agitator 33 no. 10:60-61 '65.

SULAYMAN, MISHAL, 1928-

"The sea's waves do not die." Vop. lit. 9 no. 10:147-148 O '65.

SULFANILAMIDES

Structure and bacteriostatic activity of hydroxy and methoxy analogs of some sulfanilamides. V. I. Blyzhnikov, V. O. Glin', H. D. Tishchik, Farmatev, zhur. 20 no. 1:13-16 '65.

Sulfanilamide acetylation as an indicator of parathion acid metabolism in children with eczema and neurodermatitis. F. A. Zver'kova. Vest. derm. i ven. 1 no. 1:38-41 '65.

SULFATE-RESISTANT CEMENT

Sulfate resistance of gypsum-cement-pozzolanic and gypsum-slag-cement binders of improved strength. A. V. Volzhenskii, A. V. Ferenskiy, G. F. Mikhailova. Stroitel. 11 no. 10:30-31 O '65.

SULFENAMIDES

Transformation of the vulcanization accelerator N-cyclohexylbenzothiazole-2-sulfenamide during thermal treatment. L. I. Litvinov and others. Kauch. i rez. 24 no. 8:9-12 '65.

SULFIDES

(see also subdivision under 'Russian Platform')

Addition of phosphorus acid chlorides to alkylene sulfides. O. N. Nardzhinova. Zhur. ob. khim. 35 no. 10:1880 O '65.

Aliphatic-aromatic oxides and phosphine monosulfides. V. S. Tsvetkov, G. Kh. Khamat, V. V. Kozlovskiy. Zhur. ob. khim. 35 no. 10:1810-1821 O '65.

Methods of studying the macrokinetics of oxidation of sulfide materials with a continuous recording of the chemical reaction rate. V. A. Brankin, V. A. Petygin, N. I. Krichkov. Elektr. khimika 1 no. 7:806-811 JI '65.

Problem of the recovery of alkali from sulfide waste liquors. V. S. Petelin, R. A. Startsev. Zhur. prikl. khim. 38 no. 6:1212-1216 Je '65.

Reactions of anils with vinylbutyl sulfide. L. S. Povarov and others. Izv. AN SSSR. Ser. khim. no. 10:1891-1893 '65.

Second mineral formation under the action of an electric field in sulfide deposit. I. S. Ryss and others. Vest. LGU 20 no. 10:31-39 '65.

Studying the effect of zinc oxide on the breakdown of the polysulfide bonds of vulcanizates. R. Sh. Frankel and others. Kauch. i rez. 24 no. 10:26-27 S '65.

Synthesis of thiooxides of diethyl (diphenyl) α -(alkoxy)-ethylphosphines, α -(alkoxy)vinylphosphines, and α -(vinoxy)ethylphosphines. V. S. Tsvetkov, G. Kh. Khamat, R. Sh. Khamatdinova. Zhur. ob. khim. 35 no. 10, 1815-1817 O '65.

Transmission of the induction effect of substituents SCF₃, SOCF₃, and SO₂CF₃ through a methylene group. V. V. Orlov and others. Zhur. ob. khim. 35 no. 9:1628-1636 S '65.

SULFIDES—METALLURGY

Application of physical chemistry in processes of sulfating roasting of metal sulfides. A. S. Pen'ko. Tr. Vost. met. 38 no. 6:87 Je '65.

Mechanism of the decomposition of sulfides by hydrochloric acid. S. I. Tarabashin. Trudy Inst. metal. i obog. AN Kazakh. SSR 11:3-8 '65.

SULFITE LIQUOR

Evaporation of sulfite liquor in a film-type apparatus at the Zhidichev Cardboard and Paper Combine. A. P. Potapenko. Bum. i der. prom. no. 1:16-20 Ja-Mr '65.

SULFITES

Molecular orbits of a sulfite ion. S. P. Iosov, M. A. Goral-Koshits. Zhur. neorg. khim. 10 no. 9:1061-1065 S '65.

Synthesis of thionium tetra and tetra sulfates. V. A. Golovina, A. K. Moledkin, V. N. Tverdokhlebov. Zhur. neorg. khim. 10 no. 9:2166-2168 S '65.

SULFONAMIDES

Physicochemical properties of O, O-dialkyl esters of arylsulfonamido-phosphonic and thiophosphonic acids. Part I. Acidity constants of some O, O-diethyl esters of arylsulfonamido-phosphonic acids in ethanol-water mixture and the applicability of Hammett equation to the above-mentioned compounds. I. Zaks and others. Zhur. ob. khim. 35 no. 10:1668-1671 O '65.

SULFONIS—THERAPEUTIC USE

Sulfone preparations in the treatment of leprosy; a review of the literature. V. K. Logvinov, K. I. Nazarov, V. S. Bagrat, Vest. derm. i ven. no. 2:48-52 '65.

SULFONES—TOXICOLOGY

Toxicity. P. Mitrofanov and others. Zashch. rast. ot vred. i bol. 10 no. 7:32-33 '65.

SULFONIC ACIDS

Removal of vanadium from oil and petroleum products with the aqueous solutions of sulfo acids. A. V. Kotova, S. V. Emel'yanova, V. G. Ben'kovskiy, Khim. i tekhn. topl. i masel. 10 no. 10:28-31 O '65.

SULFONYL GROUP

Alkoxy and aryldithiophosphazone sulfonyl aryls. Zh. M. Ivanova, E. S. Lavchenko, A. V. Kirsanov. Zhur. ob. khim. 35 no. 9:1607 S '65.

SULFUR

Boron fluoride as catalyst in reactions promoting the removal of sulfur from coke chemical benzene. E. P. Babina, A. A. Kuzmenkov, N. L. Zolova. Zhur. prikl. khim. 38 no. 5:1253-1255 Je '65.

Saturation of low-sulfur cast iron with sulfur. V. M. Volkov. Ldt. i protzv. no. 8:40 Ag '64.

SULFUR—ANALYSIS

Trilonometric determination of the sulfur content of washing powders, synthetic fatty acids, paraffin and sodium sulfate. I. K. Shelonov, P. M. Kozlova. Maslo-zhir. prom. 31 no. 10:19-21 O '65.

SULFUR BACTERIA see Bacteria, Sulfur

SULFUR-COBALT ALLOYS see Cobalt-sulfur alloys

SULFUR COMPOUNDS

Effect of the sulfur-containing compounds on iron corrosion in acid solutions. Z. A. Iofa, L. A. Ngok-Ba, M. S. Vasil'eva. Zhur. fiz. khim. 39 no. 9:2102-2107 S '65.

SULFUR DIOXIDE

Active form of a manganese catalyst in the ozone-catalytic method of sulfur dioxide oxidation in acid solutions. S. S. Vasil'ev, O. G. Nemkova, N. I. Ilyemov. Zhur. fiz. khim. 39 no. 9:2285-2288 S '65.

Using foam apparatus for trapping sulfur dioxide. F. M. Reginov and others. Azeb. nef. khoz. 11 no. 1:35-40 Ag '65.

SULFUR ISOTOPES—THERAPEUTIC USE

Inclusion of ³²S in nucleic acids and of ³⁵S in proteins of indigenous organisms: results of chemotherapeutic tests. A. Kh. Kopylov, G. A. Mikhov, N. S. Kalchinskaya. Vopr. med. khim. 11 no. 1:70-73 Ia-Ir '65.

SULFUR ISOTOPES—TOXICOLOGY

Toxicological evaluation of the isotope ³⁵S and its effect on the progeny of rats in an experiment. N. M. Oganesian. Zhur. eksp. i klin. med. 2 no. 6:31-10 '62.

SULFUR ORGANIC COMPOUNDS see Organosulfur compounds

SULFUR OXIDES

Determining bound SO₂ in sulfite cooking acids with any type of base. M. A. Buzenb. Bum. i der. prom. no. 9:10-11 S '65.

SULFURIC ACID

Corrosive effect of gases used in the waste heat boilers of the sulfuric acid industry. E. I. Doininov, A. I. Shebedin. Prom. energ. 20 no. 10:20-25 O '65.

Relation between the degree of molecular balance and surface-active properties of alkyl sulfate solutions. M. P. Bepiatov, Zh. I. A. Leshchenko. Maslo-zhir. prom. 31 no. 7:12-17 JI '65.

Use of synthetically fatty alcohols and alkyl sulfates in the production of antibiotics. V. I. Humantsev, V. A. P'ryhov, Maslo-zhir. prom. 31 no. 7:36-40 JI '65.

SULFURIC ACID INDUSTRY—BY-PRODUCTS see subdivision under 'Tajikistan

SULFURIZATION

Sulfidization of iron oxides by sulfur dioxide in the presence of carbon. V. V. Puchkovskiy, T. G. Mal'tseva. Zhur. prikl. khim. 38 no. 9:1190-1195 Je '65.

SULTONES

Fluorine-containing β -sultones. Report No. 14: Trifluorovinyl chlorosulfate. G. A. Sokol'skiy, M. A. Belaventsev, I. L. Krumants. Izv. AN SSSR. Ser. khim. no. 10:1804-1808 '65.

SUMERIANS

Determining the dates of the reign of Ensi Guden, 2162-2137 B.C. A. G. Kifshin. Vest. drev. ist. no. 1:82-100 '65.

SUMMER see subdivision under 'Northern Hemisphere

SUMY—ELECTRONIC INDUSTRIES

An industrial plant begins at its entrance... P. Bar'nikov. Agitator 33 no. 10:39-41 My '65.

SUMY—FACTORIES—DESIGN AND CONSTRUCTION

An industrial plant begins at its entrance... R. Bar'nikov. Agitator 33 no. 10:39-41 My '65.

SUMY PROVINCE—COWS—FEEDING AND FEEDS

Milk and the "registered" cows. I. A. Paschenko. Zakup. sel'khoz. prod. no. 5:45 My '65.

SUMY PROVINCE—HISTORICAL GEOGRAPHY

First results of the work on the history of cities and villages in Sumy Province. S. V. Malkin, Ukr. ist. zhur. 8 no. 3:154-155 My-Je '64.

SUMY PROVINCE—MEASURING WORMS—EXTERMINATION

Pine geometrid control. M. Anfinnikov, V. Shvidkoi, V. Kucherov. Zashch. rast. ot vred. i bol. 10 no. 7:26 '63.

SUMY PROVINCE—ROTATION OF CROPS

Rotation of crops on our collective farm. V. G. Shepotenko. Zemledelie 27 no. 10:21-23 O '65.

SUN—ATMOSPHERE see Solar atmosphere

SUNFLOWER SEED

(see also subdivision under 'Caucasus, Northern') Dimension of sunflower seed kernels. V. A. Maslikov, V. S. Sestakov, R. F. Skakovskiy. Izv. vuz. ucheb. av. i spetsial. tekhn. no. 5:37-38 '65.

SUNFLOWER SEED (Continued)

Procedures for selecting, accounting, and reporting on the use of the plant and of simple purchases of oil and seed oil seeds at a price. G. K. Kozlov. *Izv. vuzov*, 31 no. 17-24 S '65.

SUNFLOWER SEED—NITROGEN CONTENT

Changes in nitrogen content of seeds during the ripening of seeds of sunflower. V. G. Shchegolev, V. N. Shchegolev. *Izv. vuzov*, 31 no. 17-24 S '65.

SUNFLOWER SEED OIL

Chemical composition of sunflower seed oil. G. Shchegolev, V. N. Shchegolev, V. P. Shchegolev. *Izv. vuzov*, 31 no. 17-24 S '65.

SUNFLOWERS see subdivision under Cuts, Ukraine

SUNSPOTS

Changes in the indices of the function of the cardiovascular system during the 11-year cycle of solar activity. V. V. Pikhanskiy. *Nek. vop. klim. i kraev. pat.*, no. 3, 20-26 '63.

Dynamics of hematological changes in acute forms of appendicitis in years of maximal and minimal solar activity. V. A. Kozlov, I. P. Pristid, V. K. Borisov. *Nek. vop. klim. i kraev. pat.*, no. 3, 41-45 '63.

Fluctuations of the relation between the variations of geomagnetic processes and solar activity. V. V. Pikhanskiy, P. D. Dzhur, Z. P. Komolovskiy. *Dokl. Inst. geof. Sib. i Dal. Vost.*, no. 7, 24-28 '64.

The first group of spots of a new cycle. R. A. Gulyaev. *Astron. zh.*, no. 27, 1-2 D '63.

Recurrence of solar activity. S. V. Pavlov, Z. S. Pavlov. *Trud. GGO no. 161*, 92-109 '63.

Relation of the change in the frequency of forms of atmospheric circulation to solar activity. M. Sh. Bolotinskaya. *Probl. Arkh. i Antark.*, no. 20, 10-48 '65.

Variations of neutrophil leucocytes in the blood during the cycle of changes in solar activity. V. A. Kozlov, S. I. Klueva, E. M. Voino-Iasenskiy. *Nek. vop. klim. i kraev. pat.*, no. 3, 26-38 '63.

Variations of the absolute quantity of eosinophils in connection with seasons and solar activity. E. M. Voino-Iasenskiy. *Nek. vop. klim. i kraev. pat.*, no. 3, 37-41 '63.

SUOMENLINNA—REVOLUTION OF 1905

Gul'anoi, P. P. [The Sveaborgians] Sveaborgizhtsy [Leningrad] Leningrad, 1965. 238 p.

SUPERCONDUCTIVITY

Design of liquefied gas pipelines for superconductive electric power transmission line systems. V. S. Osholov. *Izv. vuzov*, 31 no. 10, 35-42 O '65.

Inductance of a superconducting solenoid. V. V. Sychev, V. B. Zerkovich, V. V. Andrianov. *Dokl. AN SSSR*, 165 no. 1, 73-76 N '65.

Possible mechanism of superconductivity in crystalline films. V. Z. Kresin, B. A. Tavger, P. V. red. Zhur, eksper. i teor. fiz., 2 no. 4, 160-164 Ag '65.

Superconductivity at high temperatures. A. S. Kompaneets. *Prilozh.*, 54 no. 10, 2-11 '65.

SUPERCONDUCTORS

Critical fields of thin superconducting films. E. A. Shapoval. *Zhur. eksper. i teor. fiz.*, 49 no. 3, 930-940 S '65.

Local magnetic fields on the surface of the Nb - Zr superconductor in a mixed state. N. I. Krivko, M. M. Berger. *Zhur. eksper. i teor. fiz.*, 49 no. 3, 730-733 S '65.

Quantum energy levels of electron excitations in the intermediary state of a superconductor. N. V. Zavaritskiy. *Plas. v red. Zhur. eksper. i teor. fiz.*, 2 no. 4, 168-171 Ag '65.

SUPERCONDUCTORS—THERMAL PROPERTIES

Determining the critical temperature for a superconductor with an impurity in a two-band model. V. A. Moskalenko, M. E. Pallistrant. *Zhur. eksper. i teor. fiz.*, 49 no. 3, 770-780 S '65.

SUPERHEATERS

Choice of the rate of flow of steam in designing the superheaters of boiler units. S. M. Shvartsman. *Energomashinostroyeniye*, no. 8, 11-14 Ag '65.

Study of the temperature conditions of the superheater pipes of boilers. S. I. Kazaninov. *Izv. vuzov*, 31 no. 9, 47-53 S '65.

SUPERSONIC NOZZLES

Experimental study of the formation of a jet behind the front of a shock wave emerging from divergent and supersonic nozzles. A. I. Starshinov. *Vest. LGU*, 20 no. 19, 168-169 '65.

Interaction of a boundary layer with a hypersonic flow in a tapered nozzle. V. P. Agafonov. *Izv. N. SSSR. Mekh.*, no. 5, 154-157 S-O '65.

SUPPOSITORIES

Use of Kaminskii's device for the determination of the solidity of suppository bases. I. S. Azhikhin. *Apt. delo*, 14 no. 114-119 Ja-F '65.

SUPPURATION

Pathogenesis of suppurative cerebrovascular complications and their relation to antibodies. V. I. Shutsaev, A. I. Imshennikov. *Vop. neirokhim.*, no. 1, 37-39 '65.

SURFACE ACTIVE AGENTS

Effect of surface-active agents on hydrogen overvoltage on indium. A. T. Petrenko. *Elektrokhimiya*, 1 no. 7, 830-833 JI '65.

Effect of surface-active substances on the process of passivation of a lead electrode. V. F. Lazarev and others. *Zhur. prikl. khim.*, 38 no. 6, 1305-1309 Je '65.

Evaluating the surface-active properties of some emulsifiers and water-soluble cellulose esters. M. Kh. Gulyaman, O. S. Bashura. *Maslozhiz. prom.*, 31 no. 7, 20-22 JI '65.

Examination of the emulsifying capacity of some surface-active substances. M. Kh. Gulyaman, O. S. Bashura. *Maslozhiz. prom.*, 31 no. 10, 27-28 O '65.

Intensification of the process of milling clinkers with the aid of surface-active substances. V. I. Pivovarov, V. A. Kilmov. *Ishchenn.*, 31 no. 9, 18-19 S-O '65.

Method for treating the bottom zones of wells using aerated acid with surfactant additives. V. A. Anisimov and others. *Nefti prom. delo*, no. 3, 3-8 '65.

Production of surface-active substances from Krasnodar condensates for the treatment of drilling muds. S. S. Sukharev, I. P. Lozinskaya. *Khim. i tekhn. topol. i masel*, 10 no. 10, 27-29 O '65.

Relation between the CMC and the surface-active additions. N. N. Balashova. *Elektrokhimiya*, 1 no. 7, 872-873 JI '65.

Structure-forming processes in aqueous suspensions of quartz as related to the formation features of an adsorption layer of a long-chain surface-active modifier. E. D. Iakshin. *Dokl. AN SSSR*, 164 no. 5, 1107-1110 O '65.

Use of bactericidal surface-active substances in cosmetic preparations. T. I. Vasilenko. *Maslozhiz. prom.*, 31 no. 7, 28 JI '65.

Using surface-active agents in petroleum production in the Anastasyevka-Troitskoye field. A. P. Khnaev, P. A. Grabchak. *Nefti prom. delo*, no. 6, 16-20 '65.

Using surfactants in the test exploitation of the Ust'-Balyk oil field (Western Siberia). V. A. Sidorovskiy, M. I. Vol'skiy. *Nefti prom. delo*, no. 3, 8-11 '65.

SURFACE CHEMISTRY

The Frenkel - Gubinov formula and the interrelation between the speed of sound, the heat of vaporization, and the surface energy. V. I. Rykov, V. L. Sheinfeld, G. S. Iakovleva. *Uch. zap. Kish. un.*, 75, 31-31 '64.

SURFACE CHEMISTRY—THERMODYNAMICS

Statistical thermodynamics of surface phenomena. Part 2. Distribution functions in the surface layer of a liquid. F. M. Kuni. *Koll. zhur.*, 27 no. 5, 720-727 S-O '65.

SURFACE TENSION

Measuring the surface tension in slags at 1100°-1800°C. P. P. Evseyev. *Zav. lab.*, 31 no. 9, 111 '65.

SURFACE TENSION—THERMODYNAMICS

Thermodynamic study of the surface layers of liquid solutions. Part 1. Composition of surface layers in binary systems. A. I. Rusanov, S. A. Levichev. *Koll. zhur.*, 27 no. 5, 740-751 S-O '65.

SURFACES

Construction of the equipment of a hypersonic surface in affinely connected space. A. K. Timofeev. *Uch. zap. Bel. gos. ped. inst.*, 10-64, 69 '63.

Extremum problems for surfaces of a prescribed topological type. Part 2. V. N. Lagunov, A. I. Fet. *Sib. mat. zhur.*, 6 no. 5, 1026-1038 S-O '65.

Some properties of moduli. A. V. Sychev. *Sib. mat. zhur.*, 6 no. 5, 1108-1119 S-O '65.

Special types of Kummer-Fuchsian surfaces. B. G. Averbukh. *Izv. AN SSSR Ser. mat.*, 29 no. 5, 1005-1018 '65.

SURFACES (TECHNOLOGY)

Calculation of the thermal resistance of the contact of finished metal surfaces. I. U. P. Shlykov. *Teploenergetika*, 12 no. 10, 79-83 O '65.

Effect of surface preparation on drawing of nickel and copper-nickel alloy wire. V. I. Brabets, O. A. Brabets. *TSvet. met.*, 38 no. 6, 72-76 Jo '65.

SURGERY—COMPLICATIONS AND SEQUELAE

Activity of the fibrinolytic blood system in the postoperative period. B. T. Savkin. *Gemat. i perel. krov.*, 1, 231-234 '65.

Complications following radical surgery in cancer of the stomach and esophagus. V. I. Ivanov, I. U. P. Alanov, V. A. Goldin. *Sov. med.*, 28 no. 3, 40-44 Mr '65.

SURGERY, OPERATIVE

Use of proteolytic enzymes in surgical practice: a review of Soviet and foreign literature. K. N. Vetrovskiy. *Izv. khim.*, no. 2, 51-59 '65.

SURGERY, PLASTIC

Plastic bronchial surgery in benign tumors. A. P. Lazarev, I. P. Sidorov. *Sov. med.*, 28 no. 1, 3-7 Mr '65.

SURGICAL INSTRUMENTS AND APPARATUS

Apparatus for deep coagulation by radiotherapy. M. M. Delevskiy. *Khim. i tekhn. topol. i masel*, 10 no. 5, 52-54 S-O '65.

Universal bone drill. V. A. Belodnikov. *Oklop. i stroitel. stroitel. zh.*, no. 5, 24-25 Ag '65.

SUROVTSEVA, ANNA VASIL'EVNA, 1893-1965

Oldest worker in preschool education. *Dokl. AN SSSR*, no. 9, 79-80 S '65.

SURVEYING see subdivision under Voronezh

SURVEYING—CONGRESSES

First International Symposium on Hydrogeology. A. I. Lant, I. V. V. uch. zh. vuzov, 31 no. 2, 137-140 '65.

SURVEYING—GRAPHIC METHODS

Using the theory of graphs for analyzing sets of points. S. A. Korobkov. *Izv. vuzov*, 31 no. 2, 19-21 '65.

SURVEYING—TABLES, ETC.

Luker'in, A. A. [Geodetic tables of coordinate increments, elevations, circular curve elements, and square roots of numbers] Geodezicheskiye tablitsy pri raschete koordinat, prevysheniy, elementov krugovykh krayev i kvadratnykh korney iz chisl. Kiev, Budivelnik, 1955. 130 p.

SUSLIK see subdivision under Gur'yev Province, Pavlodar Province, Stavropol Territory

SUSLIK—PARASITES see Parasites—Snails

SUSPENSION ROOFS see Roofs, Suspension

SUSPENSIONS (CHEMISTRY)

Means for intensifying the filtration processes of highly dispersed suspensions. T. A. Mal'nevskiy. *Khim. i tekhn. topol. i masel*, 10 no. 9, 13-14 S '65.

Specific power required for ultimate structure break down in clay suspensions. A. A. Buzov. *Koll. zhur.*, 27 no. 5, 639-642 S-O '65.

Stability of dispersions of ferromagnetics. I. I. Buzov, I. S. Lavrov. *Koll. zhur.*, 27 no. 5, 652-653 S-O '65.

Structure-forming processes in aqueous suspensions of quartz as related to the formation features of an adsorption layer of a long-chain surface-active modifier. E. D. Iakshin. *Dokl. AN SSSR*, 164 no. 5, 1107-1110 O '65.

Study of the suspension effect. I. U. M. Chernomirskiy and others. *Koll. zhur.*, 27 no. 5, 660-661 S-O '65.

SUTURES

Evaluation of some suturing materials used in plastic surgery. An experimental study. I. I. Pivovarov. *Probl. khim. i tekhn. topol. i masel*, 10 no. 1, 1-7 O '65.

Immediate and late outcome of surgical treatment of fractures of the mandible with the use of a new device. S. M. Solomenniy. *Probl. khim. i tekhn. topol. i masel*, 10 no. 1, 7-12 O '65.

SVANETIA—CROPS AND CLIMATE

Agroclimatic conditions and prospects for the development of viticulture in Svanetia. T. I. Timofeev. *Trudy Tbiln. gos. un.*, 15, 161-165 '65.

SVANETIA—VITICULTURE

Agroclimatic conditions and prospects for the development of viticulture of Svanetia. T. I. Timofeev. *Trudy Tbiln. gos. un.*, 15, 161-165 '65.

SVERDLOVSK—AQUATIC SPORTS

The staff? Hundreds of public workers. I. V. Vetrovskiy. *Voen. man.*, 11 no. 9, 10-11 S '65.

SVERDLOVSK—CHEMICAL MACHINERY INDUSTRY

This is how the scientific organization of labor is being started. *N. N. Glosin Agitator*, 33 no. 20, 51-52 O '65.

SVERDLOVSK—EDUCATION, COOPERATIVE

Training workshop of the Ural Machinery Plant. I. I. Proskobikhin. *Shkola i prof. av.*, 6 no. 6, 31-33 Ag '65.

SVERDLOVSK PROVINCE—COMMUNIST EDUCATION

In night and evening shifts. A. I. Shchegolev. *Agitator*, 33 no. 19, 34-36 O '65.

- TARNOVSKY, NICOLAS, 1895-**
Burkatov, B. A. [Veteran of the revolutionary word; a literary criticism] Veteran revoliutsionno slova, literatura no-krytychnyi narys. Kyiv, Radlane'kyl pys'mennyk, 1961. 125 p (VIU)
- TASEYEVO DISTRICT—FOREST ECOLOGY**
Materials on the mycoflora of two forest associations in Taseyev District of Krasnoyarsk Territory. I. V. Karatygin. Trudy TSSBS no. 10 131-138 '65
- TASEYEVO DISTRICT—FUNGI**
Materials on the mycoflora of two forest associations in Taseyev District of Krasnoyarsk Territory. I. V. Karatygin. Trudy TSSBS no. 10 131-138 '65
- TASHKENT—AGRICULTURAL MACHINERY INDUSTRY—MANAGEMENT**
A business diary. A. Komarovskii. Ekon. i zhizn' 7 no. 7 85-90 JI '65
- TASHKENT—APARTMENT HOUSES**
High-rise apartment houses in Tashkent. L. A. Golubov. Stroitel'skhit. Uzb. 6 no. 4 25-28 S '65
- TASHKENT—ASPHALT CONCRETE**
Using gas in an asphalt-concrete plant. L. N. Taktayeva. Gaz, delo no. 2 28-30 '65
- TASHKENT—ATMOSPHERIC TEMPERATURE**
Some data on periodical temperature variation in the free atmosphere over Tashkent. I. N. Vuldmar. Trudy Srod.-Az. nauch.-issl. gidrometeor. inst. no. 20 172-182 '65
- TASHKENT—BUILDING MATERIALS PLANTS**
Such will be the reinforcement plant of the Tashkent Housing Construction Combine. A. V. Golubev, V. V. Kozolev. Stroitel'skhit. Uzb. 6 no. 1 16-18 JI '65
- TASHKENT—CITY PLANNING**
Center of Tashkent in 1967. B. Zaritskii and others. Stroitel'skhit. Uzb. 6 no. 1 25-29 Ja '65
- TASHKENT—CLOTHING INDUSTRY**
A new style of coat begins a new life. Ekon. i zhizn' 7 no. 7 86-89 JI '65
- TASHKENT—FLIES**
Biology of Musca domestica vicina Macq (housefly) in Tashkent. Z. A. Gorbacheva. Sbor. nauch. i udu. TashGMI 22:454-153 '62
- TASHKENT—INFANTS (NEWBORN)**
Some data on the physical development of newborn infants in the Maternity Home No. 1 of Tashkent. R. Saidakbarova. Sbor. nauch. i udu. TashGMI 22:473-170 '62
- TASHKENT—INFLUENZA**
Some clinical and laboratory parallels in influenza during the winter outbreak in 1959. V. P. Chernova, T. B. Pivina. Sbor. nauch. i udu. TashGMI 22:100-115 '62
- TASHKENT—INFLUENZA—COMPLICATIONS AND SEQUELAE**
Pneumonia in patients with influenza during the winter outbreak in 1959. B. N. Kalmykov and others. Sbor. nauch. i udu. TashGMI 22:116-124 '62
- TASHKENT—JOURNALISM—AERONAUTICS**
Meeting with readers. Kryl. rod. 18 no. 6 12 Je '65
- TASHKENT—OFFICE BUILDINGS**
New administrative building in the capital. A. I. Foinel'skiy. F. M. Lomoshchik. Stroitel'skhit. Uzb. 6 no. 3 25-30 Mr '65
- TASHKENT—PNEUMONIA**
Characteristics of the course of pneumonia in children according to materials of the United Clinical Children's Hospital No. 15 for 5 years. L. S. Aleksandrova. Sbor. nauch. i udu. TashGMI 22:125-133 '62
- Pneumonia in patients with influenza during the winter outbreak in 1959. B. N. Kalmykov and others. Sbor. nauch. i udu. TashGMI 22:116-124 '62
- TASHKENT—REINFORCED CONCRETE—CURING**
Electric heating in the production technology of reinforced concrete panels at the Tashkent Housing Construction Combine. F. M. Lomoshchik. Stroitel'skhit. Uzb. 6 no. 5 11-14 Ag '65
- TASHKENT—SCARLET FEVER**
Incidence of scarlet fever in Tashkent (1947-1957). M. K. Sharipov, D. E. Misenikova, V. P. Murzova. Sbor. nauch. i udu. TashGMI 22 355-359 '62
- TASHKENT—STREETS**
New thoroughfare for the capital. IU. Volkunskii. Stroitel'skhit. Uzb. 6 no. 10 21-24 O '65
- TATAR A. S. S. R.—BAKERIES—TECHNOLOGICAL INNOVATIONS**
Results of the Third All-Union Review of the Introduction of Science and Technology Achievements in the National Economy. M. M. Sirokin. Khleb, i Pech. prom. 6 no. 6 17 Ja '63
- TATAR A. S. S. R.—BENTONITE—ANALYSIS**
Mineralogical composition of bentonites in the Nurlat deposit of the Tatar A. S. S. R. N. V. Khizanov, V. V. Vlasov, A. A. Sabitov. Lit. i pol. iskop. no. 3 94-101 My-Ju '65
- TATAR A. S. S. R.—CHEREMIS LANGUAGE—DIALECTS**
Observations on the phonetics of the dialect of the Menzelinsk Mari. N. I. Isanbaev. Vop. nar. iaz. no. 1 89-103 '64
- TATAR A. S. S. R.—CHEREMIS LANGUAGE—PHONETICS**
Observations on the phonetics of the dialect of the Menzelinsk Mari. N. I. Isanbaev. Vop. nar. iaz. no. 1 89-103 '64
- TATAR A. S. S. R.—CHERNOZEM SOILS**
Group composition of the Chernozem humus in the Tatar A. S. S. R. G. I. Speranskaya. Nauch. dokl. vys. shkoly, biol. nauch. no. 1 201-204 '65
- TATAR A. S. S. R.—COMMUNIST YOUTH LEAGUE**
Ovsiannikov, L. N. [Zealous managers, notes on the work of the "searchlight operators" in Tataria] Ruchitel'nye khorosheye zametki o rabote "prozhektorstov" Tatarii. Moskva, Znanie, 1965. 46 p. (Novos v zhizni, nauke, tekhnike, X Seriya Molodezhnaya, no. 19)
- TATAR A. S. S. R.—HUMUS**
Group composition of the Chernozem humus in the Tatar A. S. S. R. G. I. Speranskaya. Nauch. dokl. vys. shkoly, biol. nauch. no. 1 201-204 '65
- TATAR A. S. S. R.—MITES**
Fauna and ecology of gamasid mites of birds. O. M. Butenko, S. G. Prilonskii. Trudy Astr. zap. no. 9 57-63 '64
- TATAR A. S. S. R.—PARASITES—BIRDS**
Fauna and ecology of gamasid mites of birds. O. M. Butenko, S. G. Prilonskii. Trudy Astr. zap. no. 9 57-63 '64
- TATAR A. S. S. R.—PARASITES—CATTLE**
Practices in treating fasciolosis in cattle. G. G. Burkan, S. G. Afrikanov. Veterinariia 42 no. 10 47-48 O '65
- TATAR A. S. S. R.—PETROLEUM PRODUCTION**
Analyzing the operation of wells equipped with hydraulic piston pumps in the Oil Field Administration of the Alkheyev Oil Trust. A. A. Solodov. Neft' i gaz, delo no. 3 16-20 '65
- TATAR A. S. S. R.—STATE FARMS—MANAGEMENT**
Businesslike attitude, control, and efficiency. A. Kapchin, V. Melaeov. Sov. profsoyuz 21 no. 21 16-21 N '65
- TATARINOV, VLADIMIR VLADIMIROVICH, 1877-1933**
Autobiography. V. Tatarinov. Izobr. i zhe. no. 7 22-25 '65
- TAVATUY, LAKE—FISH INTRODUCTION**
Changes in blood indices of *Coregonus lavaretus* Poljakov and *Coregonus albus marjha* Vinba L. following their introduction in Lake Tavatuy. I. N. Ostroumova, P. N. Briznova. Izv. GosNIORKH 56 37 44 '64
- TAYMYR PENINSULA—BIRDS—MIGRATION**
Spring migration of birds over the western Taymyr Peninsula. A. V. Kreschmar, V. V. Leonavich. Ornitologiya no. 7 29-35 '65
- TAYMYR PENINSULA—DIKES (GEOLOGY)**
Copper-nickel mineralization in the differentiated dike of olivine gabbro-dolerite in the central Taymyr Peninsula. G. A. Kovaleva. Uch. zap. NIIGA, Reg. geol. no. 3 226-231 '64
- TAYMYR PENINSULA—GAS, NATURAL—GEOLOGY**
Basic characteristics of the subsurface structure in the western part of the Taymyr depression according to aeromagnetic data. V. E. Volk, S. M. Krikukov, D. V. Levin. Uch. zap. NIIGA, Reg. geol. no. 3 107-128 '64
- TAYMYR PENINSULA—ORE DEPOSITS**
Copper-nickel mineralization in the differentiated dike of olivine gabbro-dolerite in the central Taymyr Peninsula. G. A. Kovaleva. Uch. zap. NIIGA, Reg. geol. no. 3 226-231 '64
- TAYMYR PENINSULA—PETROLEUM GEOLOGY**
Basic characteristics of the subsurface structure in the western part of the Taymyr depression according to aeromagnetic data. V. E. Volk, S. M. Krikukov, D. V. Levin. Uch. zap. NIIGA, Reg. geol. no. 3 107-128 '64
- TAYMYR PENINSULA—REINDEER**
Some morphological characteristics of wild reindeer on the Taymyr Peninsula. L. N. Michurin. Zool. zhur. 14 no. 9 1396-1403 '65
- TAYMYR PENINSULA—ROCKS, IGNEOUS**
Alkali rocks of the Taymyr Peninsula. A. M. Daminova. Trudy Un. dukh. nauch. 3 Geol. i geol. dolo. i geol. no. 1 3-18 '61
- TEBILISI** see TIFLIS
- TEA—FERTILIZERS AND MANURES**
(see also subdivision under Georgia)
Effect of the conditions of mineral nutrition on the phosphorus metabolism, yield, and quality of green tea leaves. R. K. Guscakov, Z. B. Agalarova. Agrokhimia no. 10 12-19 O '65
- TEA INDUSTRY—FINANCE**
Efficiency of territorial specialization. L. Chikaya. Plin. khoz. 12 no. 11 74-75 N '65
- TEACHER-STUDENT RELATIONSHIPS**
Let's know our students. A. Sitenko. Prof. i tekhn. obs. 22 no. 10 17-18 O '65
- Our relations with students. I. O. Synytsin. Rad. shkola 44 no. 10 7-14 O '65
- TEACHERS**
(see also subdivision under Dnepropetrovsk Province)
A few words about my teacher. Sergei L'vov. Semlin. shkola 20 no. 9 18-20 S '65
- How they spend their vacations. K. Konoplev. Sred. shkola 12 no. 6 52-53 S '65
- TEACHERS—SALARIES, PENSIONS, ETC.**
How to determine the length of a teaching service. A. Tsepina. Sov. profsoyuz 21 no. 20 45-16 O '65
- Legal regulation of salaries for teaching personnel. L. Leier. Sred. shkola 10 no. 10 136-140 '65
- Salaries of the preschool institution workers. L. Ivanov, M. Shokhet. Doshk. voyn. 38 no. 9 52-54 S '65
- TEACHERS, TRAINING OF**
(see also subdivision under Chelyabinsk; Chuvashia, Moscow, Odesa, North Sofia, Udmurt A. S. S. R.)
Applied professional training in physical education of the students of pedagogical institutions of higher learning. R. S. Safin. Teor. i prakt. fiz. kul't. 28 no. 10 68-69 O '65
- Force of physical education teachers in the eastern part of the country. G. S. Demeter. Teor. i prakt. fiz. kul't. 28 no. 10 11-11 O '65
- Logopedic training of teachers. L. Volkova. Nar. obr. no. 10 30-33 O '65
- Public activities of future teachers. A. I. Pavlovskii. Vest. vys. shkoly 23 no. 10 60-62 O '65
- To improve pedagogical efficiency. I. Kh. Tush, M. E. Iezusailinov. Vest. vys. shkoly 23 no. 10 13-15 O '65
- Who studies the pedagogical problems of institutions of higher learning? M. M. Hryshchenko. Rad. shk. 44 no. 6 1-5 Je '65
- TEACHERS IN LITERATURE**
Images of teachers in the works of A. P. Chekhov. H. A. Papernaya, T. E. Usherenko. Voprosy i viv. na Ser. filol. no. 3 24-30 '65
- TEACHING**
(see also subdivision under Kalinin, Khar'kovskiy Province)
How to prepare and conduct a class. V. Semina. Prof. i tekhn. obr. 22 no. 10 10-11 O '65
- Improved quality of teaching is the main prerequisite for overcoming the repetition of a school year. A. Krasnov. Nar. obr. no. 10 16-24 O '65
- Independent methodological work. I. Kanakov. Prof. i tekhn. obr. 22 no. 10 28-29 O '65
- Repetition as an indispensable element of education. I. S. Zhigalov. Sred. shkola, obr. 12 no. 9 18-19 S '65
- Let's hurry in getting acquainted! M. Razumovskaya. Nar. obr. no. 10 89-89 O '65
- TEACHING MACHINES**
Class of the "UKM-2" type controlling machines. V. I. Doroshov, D. M. Doroshov. Sred. shkola, obr. 12 no. 9 14-16 S '65
- Electromechanical teaching machine. V. A. Dolmatovskii, E. M. Sotnikov. Izv. vya. ucheb. zav., elektromekh. 6 no. 8 801-804 '65

TEACHING MACHINES (Continued)

- Golodnitskiy, A. T. and M. B. Morozov. [Programmed instruction and teaching machines.] Programmirovannoe uchebnoe i obuchayushcheye mashina. Kiev, Radnitska shkola, 1964. 97 p. diagrams (inset).
"Pioneer" teaching machine. I. Kaler. Prof. tech. chb. 22 no. 10:26-27 O '65.
Some teaching principles and teaching by means of machines. V. A. Delatovskiy. E. M. Solov'ev. Izv. vyzn. uch. zap., elektronika 8 no. 8:881-890 '65.
The O'F-10-5 teaching machine. I. A. Sobol'skiy, A. G. "Izhmash" Izv. vyzn. uch. zap., elektronika 8 no. 8:315-320 '65.

TEBEPDA PRESERVE—BROOMRAPE

- Systematics of Caucasian bromorapae, F. S. Terekhin, G. I. Krasova. Bot. zhur. 50 no. 8:1105-1112 Ag '65.

TECHNICAL CHEMISTRY see Chemistry, Technical

TECHNICAL EDUCATION

- (see also subdivision under Armenia, Kazakhstan, Latvia, Leningrad, Uzbekistan)

- Criteria of the Communist Party for professional and technical education. I. Kovalenko. Vost. aviaz. 10 no. 10:21-23 O '65.

TECHNICAL LIBRARIES

- (see also subdivision under East Kazakhstan Province)

- On one theme, L. L. Likhovitskiy, Bibliotek. 43 no. 10:51-55 O '65.

TECHNICAL SOCIETIES

- Our conclusions, actions and committees. NTO 7 no. 10:14-17 O '65.

TECHNICIANS IN INDUSTRY

- Accounting for the number and composition of specialists with higher and secondary special education, V. Bykova, Vest. stat. 10 no. 53-58 '65.

TECHNOLOGICAL INNOVATIONS

- (see also subdivision under Almalyk, Uzbekistan, Armenia, Azerbaijan, Black Sea Economic region, Chernigov, Communist Countries, Leningrad Economic region, Vitebsk, Volgograd)

- A. I. Krasovskiy. I. V. Krasovskiy. Prom. Arm. 8 no. 7:30-32 O '65.

- Advertising board, Izobr. i rats. no. 7:20-21 '65.

- Business foundation of a creative activity, G. Smirnov, Izobr. i rats. no. 7:1 '65.

- Conceived and achieved, Izobr. i rats. no. 7:14-15 '65.

- Determining the economic efficiency of capital investments and new equipment. Vop. ekon. no. 8:118-137 Je '65.

- Easier, safer, and more convenient. Okhr. truda i zash. strah. 8 no. 11:18-21 N '65.

- Encouraging the creative work of innovators, N. Dzhurikhan and others. Part. zhizn. no. 21:35-37 N '65.

- How to register authorship of innovations, V. A. Gritchenko. Put' i put. khoz. 9 no. 7:37 '65.

- In the All-Union Scientific and Technical Society of the Far East. V. Ermolova, Koks i Khim. no. 3:65-66 '65.

- In the Presidium of the All-Union Council of the Science and Technical Societies, Tekst. prom. 25 no. 10:88 O '65.

- In the U.S.S.R. Prom. Arm. 8 no. 7:55-56 J1 '65.

- In the U.S.S.R. Prom. Arm. 8 no. 8:62-64 Ag '65.

- In your lawyer's office, Izobr. i rats. no. 7:30 '65.

- Inventors suggest. Mashinostroitel' no. 10:30-31 O '65.

- Moscow, 1965, the House of Trade Unions, Izobr. i rats. no. 7:5-8 '65.

- New developments in science and technology, Standartizatsiya 29 no. 8:10-12 '65.

- New exhibits at the Exhibition of the Achievements of the National Economy, NTO 7 no. 10:46-47 O '65.

- Readers' letters. NTO 7 no. 10:42-43 O '65.

- Results of the Third All-Union Public Review of the Fulfillment of Scientific Research Plans and Use of Scientific and Technical Innovations in the National Economy in 1964, Elek. sta. 35 no. 10:87 O '65.

- Review of our creative activity, NTO 7 no. 10:1-4 O '65.

- Soviet inventions in the field of mechanical engineering, Vest. mashinost. 45 no. 9:70-80 S '65.

- This can be used in your enterprise. Mashinostroitel' no. 10:22-23 O '65.

TECHNOLOGICAL UNEMPLOYMENT see Unemployment, Technological

TECHNOLOGY

- (see also subdivision under Uzbekistan)

- Acceleration of technological progress is a nationwide task, Ekon. i zhizn. 7 no. 7:4-7 J1 '65.

- Kostin, L. A. [Material encouragement of technological progress.] Material'noe stimulirovaniye tekhnicheskogo progressa. Moscow, Znanie, 1965. 46 p. (Novoe v zhizni, nauke, tekhnike, III Seriya Ekonomika, no. 21).

- Zvonkov, V. F. [Role of engineering personnel in the building of communism.] Rol' inzhenernykh kadrov v stroitel'stvo kommunizma. Leningrad, Ob-vo "Znanie" RSFSR, 1965. 51 p.

TECHNOLOGY—INFORMATION SERVICES

- (see also subdivision under Rodol'sk, Moscow Province)

- Shchegolev, D. E. [Ways of increasing the efficiency of the work of the information section of research institutes.] Puti povysheniya effektivnosti raboty otдела informatsii NI. Leningrad, 1965. 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya Organizatsiya propagandy nauchno-tekhnicheskogo i proizvodstvennogo opyta).

- Technological study room as progress promoter. M. A. Fonovai'chuk. Tekst. prom. 25 no. 10:81 O '65.

TEETH—ABNORMALITIES AND DEFORMITIES

- Indications and methodology for the correction of anomalies in the position of individual teeth, A. I. Belykh. Probl. chel.-lits. khir. no. 1:22-23 J1 '65.

TEETH—EXTRACTION

- Homoplasty of preserved catilage into the alveolus of the removed tooth. A. M. Korolenko, Probl. chel.-lits. khir. no. 1:61-65 '65.

TEKELI REGION (KAZAKHSTAN)—MINING ENGINEERING

- Making boreholes with smaller diameter at the Tekeli Mine. A. I. Bidiulin and others, Gorn. zhur. no. 8:27-30 Ag '65.

TELECOMMUNICATION

- (see also subdivision under Orel Province)

- Agricultural workers should be provided with high quality of service, I. G. Papinok, Vest. aviaz. 25 no. 8:16-17 Ag '65.

- Construction operations should be carried out rapidly and with high work quality, Vest. aviaz. 25 no. 8:1-2 Ag '65.

- Convergence of a random search method under noise conditions, L. S. Guin, L. A. Rastvigin, Avtom. i telem. 26 no. 9:1546-1552 S '65.

- Evaluation of the parameters of signals modulated by random processes, L. P. Sysoev, Avtom. i telem. 26 no. 10:1709-1719 O '65.

- Evaluation of the quantity of lost demands due to non-reliability of the servicing equipment, O. V. Shchegolev, Avtom. i telem. 26 no. 10:1811-1817 O '65.

- Multichannel sequential detection with linearly increasing lower threshold, V. A. Bugayev, Radiotekh. i elektron. 10 no. 10:1759-1764 O '65.

- Multiple-step error-correcting codes with simple construction of decoder circuits, F. A. Katkov, Avtom. i telem. 26 no. 10:1793-1799 O '65.

- New forms of service to vacationers, A. I. Ivchenko, Vest. aviaz. 25 no. 8:23-25 Ag '65.

- Nonlinearized inspection to help to improve work in telecommunication enterprises, N. M. Lihavina, Vest. aviaz. 25 no. 8:21-25 Ag '65.

- Optimal procedures for teaching the acceptance of statistical decisions, P. P. Dankov, Radiotekh. i elektron. 10 no. 10:1774-1782 O '65.

- Raise the level of the construction of communication means in rural areas, M. A. Fomenko, Vest. aviaz. 25 no. 8:3-4 Ag '65.

- Work practices of leading telecommunication enterprises, U. A. Bylybenko, Vest. aviaz. 25 no. 8:26-27 Ag '65.

TELECOMMUNICATION—ABSTRACTS

- [Radio engineering and telecommunication] Ref. zhur.: Radiotekh. i elektrosvar. no. 10 O '65. Predmetnyi ukazatel' za 1964 g.

TELECOMMUNICATION—EQUIPMENT AND SUPPLIES

- The "Inforga-65" exhibit, Vest. aviaz. 25 no. 8:32-33 Ag '65.

TELECOMMUNICATION—FINANCE

- New nomenclature and monetary evaluation of telecommunication services, S. R. Esikov, E. P. Smorchkova, Vest. aviaz. 25 no. 8:28-30 Ag '65.

TELENGA, NIKOLAI ABRAMOVICH, 1905-

- Our heroes of the day. Zashch. rast. ot vred. i bol. 10 no. 7:60 '65.

TELEPHONE see subdivision under Moscow

TELEPHONE, DIAL

- Problems in the design and construction of automatic telephone exchanges, I. G. Tikhonov, Vest. aviaz. 25 no. 8:16-8 Ag '65.

TELEPHONE CAMERAS

- Shortest path in selecting transposition operation, A. I. Tsyg, P. S. Cherkashin, Vost. aviaz. 25 no. 8:9-10 Ag '65.

TELEPHONE DIRECTORIES see subdivision under Books

TELEPHONE LINES

- Inductive effect of electric power transmission lines on partial phase operation on overhead communication lines, V. V. Chupchukhin, Trudy OMIPT. 1:107-116 '63.

TELEPHONE STATIONS

- Problems in the design and construction of modern telephone exchanges, I. G. Tikhonov, Vost. aviaz. 25 no. 8:5-6 Ag '65.

TELEPHONE STATIONS—CURRENT SUPPLY

- Automation of the electric power supply of rural telephone equipment. Avtomatizatsiya selskoy telefonnoy apparatury selskoy telefonnoy stantsii, Moskva, Svyaz', 1965. 30 p. (Tekhn. po tekhnike svyazi).

TELESCOPE, REFLECTING

- The 20" reflecting telescope with an astrophotometer for photometry, colorimetry and polarimetry, V. A. Dombravskiy and others, Tekh. zap. 1:101-103 O '65.

TELEVISION

- Determining the information characteristics of color images, M. P. Kulikovskiy, Tekh. kno i telev. 9 no. 10:23-28 O '65.

TELEVISION—ABSTRACTS

- Abstracts, Tekh. kno i telev. 9 no. 11:62-68 N '65.

TELEVISION—RECEIVERS AND RECEPTION

- Shenderov, A. M. [Audio signal amplifiers of television receivers.] Uslutskiy apparat zvukovogo reproduktora v televizionnom priemnike, Moskva, Svyaz', 1965. 70 p. (Biblioteka "Televizionnyi priemnik", 22).

TELEVISION—SCIENTIFIC APPLICATIONS

- Television microscopy in biology, B. I. Korotkiy, Tekh. kno i telev. 9 no. 10:29-34 O '65.

TELEVISION—TRANSMITTERS AND TRANSMISSION

- Infrason, a new television transmitting tube, N. I. Anisimov, B. V. Korotkiy, Radiotekh. i elektron. 10 no. 10:1800-1809 O '65.

- New shape of a synchronized signal for television systems, B. B. Zubarev, V. N. Ulanov, J1. P. Shchegolev, Tekh. kno i telev. 9 no. 11:62-65 N '65.

TELEVISION BROADCASTING OF FILMS

- Burgov, V. A. [Principles of television broadcasting of films.] Osnovy kinotelevizionnoy tekhniki, Moskva, Ikhsvet, 1964. 612 p.

TELEVISION CAMERAS

- Infrason, a new television transmitting tube, N. I. Anisimov, B. V. Korotkiy, Radiotekh. i elektron. 10 no. 10:1800-1809 O '65.

- Measurement of the transient characteristics of television camera tubes, O. V. Gofalzen, Tekh. kno i telev. 9 no. 11:66-69 N '65.

TELEVISION IN EDUCATION

- What they spoke about at the conference on education of television, Vest. vyzn. shkoly 23 no. 10:29-32 O '65.

TELEVISION IN RESEARCH see Television—Scientific applications

TELEVISION MEASUREMENTS

- Measurement of the transient characteristics of television camera tubes, O. V. Gofalzen, Tekh. kno i telev. 9 no. 11:66-69 N '65.

TELEVISION PICTURE TUBES

- Observation of the active part of the electron beam in tubes with charge accumulation, I. A. Blyzhenko, I. I. Polozin, Tekh. kno i telev. 9 no. 10:19 O '65.

TELEVISION STATIONS—ELECTRIC EQUIPMENT

- Compensation of the decrease in damping pulses, V. Andreev, Tekh. kno i telev. 9 no. 10:66-67 O '65.

TELLURITES

- Synthesis and some properties of tellurium tellurites, I. P. Brousov, T. V. Revzina, N. A. Druzhin, Zhur. neorg. khim. 10 no. 9:1890-1892 S '65.

TELLURIUM—ANALYSIS

- Photometric determination of antimony impurity in tellurium, A. I. Dunev and others, Zhan. am. tekhn. 20 no. 8:112-114 '65.

TEXTILE FIBERS, SYNTHETIC—ABSTRACTS

Abstracts. Khim. volok. no. 3 72-75 '65.

TEXTILE FIBERS, SYNTHETIC—ANALYSIS

Some chemical properties of cross-linked polyacrylonitrile fibers. G. I. Kudriavtsev and others. Khim. volok. no. 5 13-15 '65.

TEXTILE FIBERS, SYNTHETIC—RESEARCH

Modifiers and auxiliary chemical substances for synthetic textiles. E. F. Filinkovskaya. Khim. volok. no. 5 77-78 '65.

TEXTILE FIBERS, SYNTHETIC—TESTING

Effect of the molecular weight distribution in polypropylene on fiber properties. D. V. Filbert, G. N. Molikova, A. B. Pakshver. Khim. volok. no. 5 6-8 '65.

Properties of polycarbonate fibers. L. G. Vedenikova. Khim. volok. no. 5 48-50 '65.

TEXTILE FINISHING

Finishing of knit goods made from bulked loop yarn. M. H. Hordienko. Lek. prom. no. 2 51-52 Ap-Je '65.

Stabilization of dyes. N. A. Afanas'eva, A. L. Matceva. Tekst. prom. 25 no. 9 63-65 '65.

TEXTILE INDUSTRY

(see also subdivision under Rano, Moscow Economic region, Transcaucasia)

Basic trends in the mechanization of operations in textile enterprises. L. R. Intipov. Tekst. prom. 25 no. 9 1-3 '65.

Courses of economics for specialists. N. M. Dmitriev. Tekst. prom. 25 no. 10 84-85 '65.

Mechanization of the conveying of weaver's beams and of their installation on looms. M. M. Gal'perin. Tekst. prom. 25 no. 9 5-12 '65.

New method for improving the qualifications of foremen. M. A. Gorman. Tekst. prom. 25 no. 10 88 '65.

Planning according to the standard costs of manufacturing. M. D. Koren'ov. Tekst. prom. 25 no. 9 15-17 '65.

Some means for saving electric power in the textile industry. A. M. Ivanov. Prom. energ. 20 no. 10 7-9 '65.

Work practices of the schools of communist labor in the "Krasnaya Vetka" factory. V. V. Sokolova. Tekst. prom. 25 no. 10 90-91 '65.

TEXTILE INDUSTRY—EQUIPMENT AND SUPPLIES

see subdivision under Moscow

TEXTILE INDUSTRY—EXHIBITIONS

Diploma and medals awarded by the Exhibition of Achievements of the National Economy of the U. S. S. R. A. G. Dikhanova. Tekst. prom. 25 no. 10 83-84 '65.

TEXTILE INDUSTRY—HYGIENIC ASPECTS

see subdivision under Armenia

TEXTILE INDUSTRY—LABOR PRODUCTIVITY

New equipment and techniques as the basic source for the increase of labor productivity. V. S. Tsoi. Tekst. prom. 25 no. 9 91 '65.

TEXTILE INDUSTRY—MANAGEMENT

Concerning the scientific organization of the work of women spinning machine operators. E. A. Sterlin. Tekst. prom. 25 no. 10 1-4 '65.

For a scientific organization of work. R. Lagutkina, N. Golubev. Tekst. prom. 25 no. 9 88-89 '65.

TEXTILE INDUSTRY—PRODUCTION STANDARDS

Work experience of the volunteer bureau for the establishment of work norms in the "Krasnaya Vetka" factory. T. I. Busalkina. Tekst. prom. 25 no. 10 88-90 '65.

TEXTILE INDUSTRY—QUALITY CONTROL

(see also subdivision under Fergana)

Factory laboratories to have a more important role in the efforts to improve the quality of production. L. I. Lavishis, G. I. Birenbaum. Tekst. prom. 25 no. 9 17-20 '65.

Measurement of some parameters of sheet materials with variable thickness. B. P. Bystrov, O. S. Litubutin. Izv. vuz. ucheb. zav. i elektromekh. 8 no. 8 931-936 '65.

TEXTILE INDUSTRY—STATISTICS

Materials on the statistics of the U. S. S. R. textile industry. Tekst. prom. 25 no. 9 94-96 '65.

TEXTILE INDUSTRY—STUDY AND TEACHING

Activities of the People's University of Technical Progress and Economics. P. V. Vlasov. Tekst. prom. 25 no. 10 91 '65.

TEXTILE MACHINERY

Electron yarn cleaner. M. M. Malyshkov. Tekst. prom. 25 no. 10 39-41 '65.

Increasing the degree of winding capacity water extenders. S. N. Peshekhonov. Tekst. prom. 25 no. 10 61-63 '65.

Organization of continuous lines for the cleaning and inspection of fabrics in loom state. I. Z. Beskin, A. A. Novorzhlov. Tekst. prom. 25 no. 10 31-38 '65.

Machine for the preparation of circular knit fabrics for printing. S. F. Babak. Lek. prom. no. 2 70-71 Ap-Je '65.

Unit combining the KO-3-230 finishing calender and BM-230 spraying machine for the simultaneous processing of two fabric sheets. V. I. Aref'ev, B. A. Buchyn'skiy. Lek. prom. no. 2 69-70 Ap-Je '65.

TEXTILE MACHINERY—ELECTRIC DRIVING

Mit'man, I. A. V., and V. G. Loshchenko. [Automated electrical drives of the machinery of synthetic fiber factories] Avtomatizatsiya i elektr. privod mashin zavodov sinteticheskogo volokna. Moskva, Mashinostroyeniye, 1965. 195 p.

TEXTILE MACHINERY—MAINTENANCE AND REPAIR

Exchange of experiences in the maintenance and repair of equipment. G. Lesnikova, V. Mikhovskiy. Lek. prom. 25 no. 9 92 '65.

TEXTILE MACHINERY—PARTS

Design of thread guides. P. T. Basko. Lek. prom. no. 2 42-44 Ap-Je '65.

Use of hard alloys in the textile industry. I. M. Mukha and others. Lek. prom. no. 2 10-42 Ap-Je '65.

TEXTILE PRINTING

Machine for the preparation of circular knit fabrics for printing. S. F. Babak. Lek. prom. no. 2 70-71 Ap-Je '65.

New formula for thickener made with alga flour for printing with glacial mordant and vat dyes. Z. P. Ulitina, G. V. Smirnova, L. N. Bogoslovskaya. Tekst. prom. 25 no. 9 64 '65.

TEXTILE RESEARCH

Central factory laboratories of synthetic fiber plants. L. Setov. Khim. volok. no. 5 78 '65.

In the State Committee of the Light Industry attached to the State Planning Commission of the U. S. S. R. Tekst. prom. 25 no. 10 85 '65.

TEXTILE WORKERS

Young replenishment of the working class. V. Golovanov. Tekst. prom. 25 no. 10 87-89 '65.

THALLIUM

Sorption of monovalent thallium by means of oxidized coal. V. G. Kovyrzhtin, V. D. Ponomarev, I. A. Koz'min, Zhur. prikl. khim. 38 no. 6 1230-1235 Je '65.

THALLIUM—METALLURGY

Effect of ultrasonic waves on the ion exchange recovery of thallium and the stability of ionites. A. I. Mekryashov and others. Trudy Inst. met. i obog. AN Kazakh. SSR 12:95-104 '65.

THALLIUM COMPOUNDS—MAGNETIC PROPERTIES

Structure and magnetic properties of $TlMnF_3$. S. A. Kizhaev, A. G. Tutov, V. A. Bokov. Fiz. tver. tela 7 no. 9 2885-2891 '65.

THALLIUM COMPOUNDS—THERMODYNAMICS

Thermodynamics of the formation of univalent thallium associates. F. I. Kul'ba and others. Zhur. neorg. khim. 10 no. 9 2053-2056 '65.

THALLIUM SULFATES

Potentiometric study of thallium sulfate complexes. F. I. Kul'ba, I. U. B. Iakovlev, V. E. Mironov, Zhur. neorg. khim. 10 no. 9 2044-2052 '65.

THEATER

(see also subdivision under Hungary, Rumania)
Art of classicism. G. Bolodzhov. Vop. lit. 9 no. 10: 112-129 '65.

Chabanenko, I., ed. [About the art of the theater]

Pro mystetstvo teatru. Uporiadkuvani V. Dovybshchenko la I. U. Boboshko. Kyiv, Mystetstvo, 1954, 514 p.

(CAOTU)

V. G. Korolenko's unpublished article "A few thoughts on 'provincial dramaturgy'". A. V. Kurabrovitskiy. Izv. AN SSSR. Ser. lit. i jaz. 24 no. 1 50-54 Ja-F '65.

THEATER—PRODUCTION AND DIRECTION

see subdivision under Armenia

THEATERS—FIRES AND FIRE PREVENTION

Theater fires. G. Erdeli. Pozh. delo 9 no. 31 '65.

THEATERS—STAGE SETTING AND SCENERY

Remez, O. I. A. [Miscellaneous scenes, the language of the director] Mizanssena - iznyk rezhissera. Moskva, Iskustvo, 1963. 132 p. illus. (WU)

THEILERIASIS

Outbreak of theileriosis in cattle. Veter. in. 12 no. 10 11 '65.

THEORY OF GROUPS

see 25 no. 10 11 '65

THEORY OF NUMBERS

see 25 no. 10 11 '65

THEORY OF POTENTIAL

see 25 no. 10 11 '65

THEORY OF SCREWS

see 25 no. 10 11 '65

THEORY OF SIMILITUDE

see 25 no. 10 11 '65

THEORY OF STRUCTURES

see 25 no. 10 11 '65

THERAPEUTICS

Age-related indices and correlations of the indices of mitogenesis and ankylosis. A. I. Aleksandrov. Probl. khim. i fiz. 1-11 '65.

Differentiated therapy in acute myocardial infarction. Zhur. neorg. khim. 10 no. 9 2011-2014 '65.

Stamboltsian, R. P. [Pathogenesis of coronary insufficiency] O koronarnoi nedostatochnosti. "Alastan," 1965. 180 p.

Tissue therapy in the compensation of the function of the heart. L. G. Shcherbina. Probl. khim. i fiz. 1-11 '65.

Treatment and prevention of tachycardia. B. R. Rubins. 21-27 Mr '65.

THERMAL ANALYSIS

Halogenation of simple olefins at low temperatures. V. A. Ishutov. 106-411 My-Je '65.

Microscopic and thermogravimetric study of zinc electrolytic deposits. Ponomarev, S. V. Akhmetov. AN Kazakh. SSR 14 60-70 '65.

Study of the system $Li-Tl$. Beilakov, A. G. Beilakov. 1280-1294 Je '65.

Thermal analysis of the system hydrazine. G. A. Pionenko, Antonov. Dokl. AN SSSR 161 '65.

THERMAL DIFFUSIVITY

Soret effect in electrical discharges. N. P. Antonova, V. I. Dmitriyev. no. 9 2175-2177 '65.

THERMAL DIFFUSIVITY—MATERIALS

Apparatus for measuring the thermal diffusivity and liquid metals. R. P. 31 no. 9 1442-1444 '65.

THERMAL PETROLEUM PRODUCTS

production, Thermal

THERMAL STRESSES

Calculation of the thermal stresses of the dam of the Krasnoyarsk. Station. D. P. Levenikh, I. A. 1-45-60 '61.

Thermal stresses in concrete structures. L. T. Iakovlev. 1-18-26 '64.

THERMAL WATERS

First geothermal electric power station. Vest. AN SSSR 35 no. 10 3-4 '65.

Muromskiy, S. N. [Heat of the geothermal waters of the people] Glubinoe toplo - na nashu zemlyu. Stoiizdat, 1965. 60 p. (Nash dom)

Power and economic indices of the Kamchatka and other regions. Pioner. 1-18-26 '64.

Problems of geothermal power. Rozenfel'd. Vest. AN SSSR 35 no. 10 3-4 '65.

THERMIONIC EMISSION

Effect of krypton on the performance of a converter. E. S. Bekmukhammetov, S. I. A. Lebedev. Zhur. tekh. fiz. 35 no. 5 965 '65.

Mechanism underlying the effect of thermionic emission from platinum. I. A. M. Fogel, A. P. Aleksandrov. no. 9 1842-1845 '65.

Performance of a cesium thermionic converter in the presence of xenon. E. S. Bekmukhammetov, S. I. A. Lebedev, Zhur. tekh. fiz. 35 no. 5 965 '65.

Study of the energy spectrum of the source. E. T. Kucherenko, V. A. 10 no. 10 1010-1018 '65.

THERMISTORS

Equivalent circuits of electrical networks with thermistors. V. N. Stanislavskii, V. A. Palagin. Izv. vys. ucheb. zav., energ. 8 no. 9:97-100 S '65

Thermistor bridge with automatic digital reading and an automatic zero correction. L. M. Zaks and others. Izv. vys. ucheb. zav., energ. 8 no. 9:11-13 S '65

THERMOCHEMISTRY

Statistical theory of exothermic ion-molecular reactions. P. T. Nikitin. Teoriya i eksperiment. 1 no. 1:424-435 '65

Thermal decomposition of lithium peroxide. A. B. Tsenispey, Z. I. Kaznetsova. Izv. AN SSSR, Ser. khim., no. 10:1802-1804 '65

Thermal decomposition of magnesium chloride with production of an active product and hydrochloric acid. A. L. Tsift, D. A. Tarasikin, S. K. Kasymbekov. Trudy Inst. met. i obog. AN Kazakh SSR, 14:62-68 '65

Thermal degradation of manganese selenate. G. A. Zubova, L. A. Piyumova, N. M. Selivanova. Izv. vys. ucheb. zav., khim. i khim. tekhn. 8 no. 3:367-372 '65

Thermochemical evaluation of capacity of inorganic salts of ammonium and hydrazine to combustion and explosion. A. A. Shidlovskii, Zhur. fiz. khim., 39 no. 9:2163-2168 S '65

Thermochemistry of cerium (IV) nitrates. I. U. A. Afanasyev, A. I. Rabinin, T. I. Koroleva. Zhur. fiz. khim., 39 no. 9:2206-2208 S '65

Thermographic characteristics of the NaA-type zeolites. A. S. Beigee, L. K. Iakovlev. Zhur. prikl. khim., 38 no. 6:1240-1246 Je '65

THERMOCOUPLES

Calculation of the thermal resistance of the contact of finished metal surfaces. I. U. P. Shlykov. Teploenergetika 12 no. 10:10-83 O '65

Effect of temperature on the effectiveness of thermodynamic couples. A. I. A. Shatalov, I. K. Marshnikov, S. A. Kaluzhina. Zhur. fiz. khim., 39 no. 9:2270-2281 S '65

Errors in individual calibration of chromium nickel and copper-nickel thermocouples. B. K. Bagin, N. G. Panyshova. Izv. vys. ucheb. zav., energ. 8 no. 2:21-22 S '65

Gas-tight protective casings of thermocouples made of zirconium boride. P. S. Kislyi, M. A. Kuznetsov, Porosh. met., 5 no. 1:32-35 Ja '65

Metal temperature control in converters with the use of ceramic metal zirconium boride tips. S. M. Sorduk and others. Porosh. met., 4 no. 5:80-101 S-O '64

Thermal conditions in an oxygen-blown converter. V. S. Kocho and others. Met. i prikladn. prom., no. 4:16-20 Ji-Ag '65

Using wire welding in radio equipment and thermocouples in pyrometry. V. P. Dudkov. Biol. tekhn. i khim. inform. Gos. nauch. i issl. inst. nauch. i tekhn. inform. 18 no. 9:16-17 S '65

THERMOCOUPLES—THERMOELECTRIC PROPERTIES

Thermoelectric stability of thermocouples made of refractory metals and their alloys. G. B. Lapp, D. I. Popova. Izv. vys. ucheb. zav., energ. 8 no. 9:19-21 S '65

THERMODYNAMICS

Determination of the parameters of a self-oscillatory process in a steam generating channel. K. N. Proskurakov. Izv. vys. ucheb. zav., energ. 8 no. 10:92-90 O '65

THERMOELECTRIC APPARATUS AND APPLIANCES

Thermoelectric condensing hygrometer. E. A. Kolenko. Zav. lab., 30 no. 9:1140-1147 '65

THERMOELECTRIC GENERATORS

Semiconductors for thermoelectric generators. V. A. Eruler. Trudy LITV no. 7:54-56 '64

THERMOMAGNETISM

Quantum theory of thermomagnetic currents in semiconductors and metals. A. I. Ansel'm, I. N. Obratsova, R. G. Tarkhanian. Fiz. tver. tela 7 no. 9:2037-2042 S '65

Thermomagnetic waves. L. E. Chuvpich, B. L. Gol'mont. Priroda 54 no. 2:77-78 F '65

THERMOMETERS

The DLR-01 differential resistance thermometer. R. Manukian. Prom. Arm., 8 no. 7:30-31 Ji '65

High-frequency resistance thermometer. V. G. Volkov, I. P. Pelopchenko, D. F. Simbirskii. Izv. vys. ucheb. zav., prikl. 8 no. 5:131-134 '65

Metal thermometer used in thermophysical investigations. V. V. Kiselev, P. S. Platonov. Izv. vys. ucheb. zav., prikl. 8 no. 5:126-130 '65

THERMOMETRY

Multiple-point thermometer for insulation structures. L. I. Ginzbaum, B. V. Litvinov, A. M. Khelomskii, Khim. tekhn. 42 no. 5:83-85 S-O '65

The "three-thermometer" method for measuring the superaturation of steam in a flow. M. L. Mikhailov, D. N. Karlikov, V. F. Alierov. Zav. lab., 31 no. 9:109-110 '65

Use of thermometric receivers for measuring a high-temperature pulsed gas stream. G. E. London. Vest. LGU 20 no. 10:93-98 '65

THERMOPLASTICS

Expanding the assortment and improving the quality of thermoplastics. Biol. tekhn. i khim. inform. Gos. nauch. i issl. inst. nauch. i tekhn. inform. 18 no. 9:19 S '65

Curvich, S. G., G. A. Hlaskenko, and S. Kh. Svidenko. [Machinery for the processing of thermoplastic materials] Mashiny dlia pererabotki termoplasticheskikh materialov. Moskva, Mashinostroenie, 1965. 320 p.

Vsesoluznyi nauchno-issledovatel'skii institut neftekhimicheskoi promyshlennosti [Monomer for "Pentaplast"] Monomer dlia pentaplasta. Moskva, Khimika, 1965. 167 p.

THIAZOLE—EFFECT ON PLANTS see Plants, Effect of thiazole on

THICKENING AGENTS

New formula for thickeners made with algae flour for painting with glacial, resistant and var dyes. Z. P. Ullina, G. V. Smirnova, L. N. Bogoslovskaya. Tekst. prom., 29 no. 9:51 S '65

THICKNESS MEASUREMENT

Analysis of formulas for computing thickness changes in pipe walls during drawing without mandrels. M. Z. Seimov. TSvet. met., 38 no. 6:68-71 Je '65

Equipment for the thickness control of a cold-rolled strip. I. S. Gorenburg. Sbor. st. NIITIAZHMASHA Uralmashzavoda no. 7:127-137 '65

The TPKP-53 thickness meter. M. A. Aliev. Za tekhn. prog. 5 no. 8:1-3 Ag '65

Investigating the system of thickness control of a strip entering a continuous cold rolling mill. B. N. Dvauluk, L. G. Vinogradov, G. M. Chernogorodova. Sbor. st. NIITIAZHMASHA Uralmashzavoda no. 7:3-50 '65

Methods of determining the economic efficiency of automatic strip thickness control on cold rolling mills. I. U. A. M'ghin, N. P. Sadelev. Sbor. st. NIITIAZHMASHA Uralmashzavoda no. 7:101-110 '65

Standards for the calibration and testing of radioisotope thickness meters. M. G. Boguslavskii, L. E. Shatova. Izv. vys. ucheb. zav., energ. 8 no. 9:6-8 S '65

Ultra-thin thickness meter. L. M. Gran'kov. Mashinostroenie no. 10:16-17 O '65

THIOCYANATES

Dithiocyanates and dithiocyanates of alkylphosphonic acids. G. I. Derkach and others. Zhur. ob. khim., 35 no. 10:1881-1882 O '65

Reaction of hexamethyldisilazane with phenyl thioisocyanate. D. I. A. Zhinkin, M. M. Morgunova, K. A. Andrianov. Dokl. AN SSSR 165 no. 1:114-116 N '65

THIOLS

Reactivity of nitroperfluoroalkyl nitrates and products of their transformation. Part 2. Reaction of nitroperfluoroalkyl nitrates with mercaptans. A. V. Fokin and others. Zhur. ob. khim., 35 no. 9:1661-1666 S '65

Synthesis and some conversions of primary γ -silicon acetylene mercaptans. N. V. Komarov and others. Zhur. ob. khim., 35 no. 10:1763-1767 O '65

THIOPHENE

Hydrogenation of 3-sulfone. A. M. Sokol'skaya, S. M. Reshetnikov. Khim. i tekhn. 3 no. 3:559-562 My-Je '65

THORIUM

Different behavior of uranium and thorium in the course of the lithogenesis of variegated sediments. V. A. Kovalov. Dokl. AN SSSR 9 no. 8:537-540 Ag '65

THORIUM COMPOUNDS

Kinetic method of studying dialkyl phosphite complexes of thorium and rare-earth elements. Z. A. Sheka, E. I. Sinjavskaya. Radiokhimiya 7 no. 5:599-603 '65

Some carbonyl-containing complex thorium halides. A. K. Molodkin, O. M. Ivanova, A. M. Kochumova. Dokl. AN SSSR 104 no. 4:820-821 O '65

Synthesis of thorium tri- and tetra- sulfates. V. A. Golovina, A. K. Molodkin, V. N. Tverdokhlebov. Zhur. neorg. khim., 10 no. 9:2196-2198 S '65

THOUGHT AND THINKING

Amosov, N. M. [Modeling of thinking and the mind] Modelirovaniye myshleniya i psikhiki. Kiev, Naukova dumka, 1965. 362 p.

THREATS

Responsibility for the threat to kill, to cause serious bodily injury, and destroy property. A. Zelinskii. Sov. iust. 30 no. 18:18-20 S '65

THRESHING—HYGIENIC ASPECTS

Pneumocystosis contracted during threshing. A. K. Dashtofan. Zhur. okup. i klin. med. 2 no. 5:57-74 '62

THRESHING MACHINES

Mechanized threshing floors of collective and state farms. Sel' skhol. 20 no. 9:8-9 S '65

THRESHING MACHINES—VIBRATION

Vibration of the stamped sleeves of grain separators with cam driving. S. N. Komlasev. Izv. vys. ucheb. zav., prikl. tekhn. 8 no. 5:131-137 '65

THROMBOEMBOLISM

Conservative therapy of thromboembolism of the abdominal aorta near the bifurcation. R. L. Kleis. Radiologiya 3 no. 3:89 '65

THROMBOPHLEBITIS

Blood coagulation in the thrombophlebitis. N. A. Novosad. Gemat. i perel. krov. 1:235-237 '65

Changes in some indices of blood coagulation in postpartum thrombophlebitis. L. P. Zubareva. Akush. i gin., no. 1:56-60 '65

Mendel's disease. S. Kh. Avdalyan, S. Z. Oganesian. Zhur. okup. i klin. med. 2 no. 5:27-30 '62

Surgical treatment of acute thrombophlebitis of subcutaneous veins of the lower extremities during the second stage of pregnancy. G. M. Sarafin. Akush. i gin., no. 2:147-148 '65

THROMBOPLASTIC SUBSTANCES

Changes in the formation of thromboplastin in fractures. A. S. Matakiv. Probl. gemat. i perel. krov. no. 5:34-37 '65

Characteristics of the forming of endogenous thromboplastin in some hemorrhagic diatheses. I. A. I. Vygodskaya. Gemat. i perel. krov. 1:189-193 '65

THROMBOSIS

Neurological symptomatology of infectious thrombosis of the cavernous sinus. F. A. Monchak. Trudy Vor. med. inst. 5:152-65 '63

THRUSHES

A case of the tick Haemaphysalis ornithophila Hoogstraal, 1959 (Ixodidae, Ixodidae) brought to the U.S.S.R. by the migratory bird Turdus dauma Lath. M. V. Pospelova-Shtrum, R. L. Naumov. Zool. zhur. 44 no. 0:1411-1412 '65

THUNDERSTORMS see subdivision under Fedchenko Glacier, Dusheti (Georgia)

THYMIDINE

Thymidine-sensitive gene in Escherichia coli K-12, phenotypic expression and chromosomal localization. V. V. Sukhodolets, S. I. Alkhanian. Genetika 3 no. 2:47-53 Ag '65

THYMIDYLIC SYNTHETASE

Characteristics of Escherichia coli K-12 mutants with impaired thymidylate acid synthesizing system. S. I. Alkhanian and others. Mikrobiologiya 31 no. 4:668-674 Ji-Ag '65

THYMINE

Genetic mapping of thymine-dependent mutants of Escherichia coli K-12. V. V. Sukhodolets, T. S. Il'ina, S. I. Alkhanian. Genetika no. 1:78-86 '65

Study of the genetic basis of different quantitative thymine requirements by Escherichia coli K-12 thymine mutants. S. V. Komarova, E. S. Kallanova, S. I. Alkhanian. Genetika no. 1:100-105 '65

THYMUS GLAND

Synthesis of ATP in calf thymus nuclei isolated and elaborated by different means. R. I. Dancheva. Biokhimiya 30 no. 5:1037-1043 S-O '65

THYRATONS

Calculation of threshold modes of impulse thyratons. T. A. Voronchev. Trudy MEI 55:239-253 '65

Development of methods for calculating the permeability of thyration control grids. V. D. Sobolev, I. M. Antonov, A. E. Atnov. Trudy MEI 55:213-225 '65

Heating of oxide coated cathodes in tube devices using a discharge current. M. N. Uralova. Trudy MEI 55:227-238 '65

THYROID GLAND

Architectonics of the argyrophil fundamental substance of the thyroid gland. L. A. Vysotskaya. Sbor. nauch. trud. TashGMI 22:440-446 '62

Fractionation of proteins as to their solubility of a normal and pathological thyroid gland. I. A. Kh. Tarasov, T. Saatov. Uzb. biol. zhur. 9 no. 5:6-9 '65

Functional state of the thyroid gland in papillary cancer. K. M. Pirostakov, A. P. Nesterova. Med. rad. 10 no. 9:27-31 S '65

Morphological changes in the thyroid gland under the influence of Lycopodium europaeum. L. A. D'Kind and others. Sbor. nauch. trud. TashGMI 22:435-439 '62

Significance of radioisotope examination of the thyroid gland for the selection of treatment of acromegaly. E. N. Mozharova, I. D. Ruchanova. Med. rad. 10 no. 0:16-20 S '65

- THYROID GLAND (Continued)**
 Effect of the thyroid gland on the rate of growth of the thyroid gland in the rat. *Trudy Vsesoyuznogo nauchnogo tsentra po endokrinologii*, 1965, no. 1, 12-15 S '65.
- Thyroid gland and its function in insulin in diabetes. *Ukr. Khimichesk. Zhurn. ekspt. klin. med.*, 5 no. 136-43 '65.
- THYROID GLAND—CANCER**
 Dynamics of the growth of the thyroid gland in the rat. *Trudy Vsesoyuznogo nauchnogo tsentra po endokrinologii*, 1965, no. 1, 12-15 S '65.
- Effect of the thyroid gland on the rate of growth of the thyroid gland in the rat. *Trudy Vsesoyuznogo nauchnogo tsentra po endokrinologii*, 1965, no. 1, 12-15 S '65.
- THYROID GLAND—DISEASES**
 Effect of the thyroid gland on the rate of growth of the thyroid gland in the rat. *Trudy Vsesoyuznogo nauchnogo tsentra po endokrinologii*, 1965, no. 1, 12-15 S '65.
- Effect of the thyroid gland on the rate of growth of the thyroid gland in the rat. *Trudy Vsesoyuznogo nauchnogo tsentra po endokrinologii*, 1965, no. 1, 12-15 S '65.
- Leites, S. M.** [Pathophysiology of the thyroid and parathyroid glands] *Patofiziologiya shchitovidnoi i obovskhizhovidnoi zhelez*. Moscow, Tsentr in-t usov.reshnustvovaniya vrachel, 1965, 39 p. (DMLM)
- Non-specific antithyroidal activity of the blood serum in rats with experimental hyper- and hypothyroidism. *IA i Durnanskii, N. B. Lushchik, Biol. eksp. biol. med.*, 60 no. 9, 16-18 S '65.
- Use of ¹³¹I-labelled thyroxine and triiodothyronine for the determination of the functional state of the thyroid gland. *T. P. Sivachenko, Vopr. med. biol.*, 10 no. 9, 31-36 S '65.
- THYROID GLAND—SURGERY**
 Early diagnosis and surgical tactics in cancer of the thyroid gland. *L. I. Vinnik, K. A. Sidorov, Vopr. med. biol.*, 11 no. 10, 103-109 '65.
- Effect of the activity of the stomach following thyroidectomy on the activity of the stomach. *E. M. Zakharenko, D. M. Zakharenko, Fiziol. zhurn.*, 31 no. 7, 670-676 '65.
- THYROID HORMONES**
 Dynamics of the adaptation of phosphorilation in the thyroid gland in the rat. *Trudy Vsesoyuznogo nauchnogo tsentra po endokrinologii*, 1965, no. 1, 12-15 S '65.
- Effect of the thyroid gland on the rate of growth of the thyroid gland in the rat. *Trudy Vsesoyuznogo nauchnogo tsentra po endokrinologii*, 1965, no. 1, 12-15 S '65.
- Relation between the proteolytic activity of the thyroid gland and the hormone iodine content in the blood. *R. M. Usmanova, Uzb. biol. zhurn.*, 9 no. 4, 12-15 '65.
- THYROXINE—PHYSIOLOGICAL EFFECT**
 Submicroscopical structure of the thyroid epithelium under the effect of thyroxine. *M. P. Gorbunova, Biol. eksp. biol. med.*, 60 no. 9, 112-115 S '65.
- TIBIA—DISEASES**
 Deforming osteochondrolysis of the tibial bone (subepiphyseal osteochondrolysis, the Erlacher-Blount disease). *V. P. Selivanov, Ortop. i travm. i protez.*, 26 no. 3, 56-58 May '65.
- TICKS**
 A case of the tick *Haemaphysalis ornithophila* Hoog, et Kohls, 1959 (Ixodidae, Ixodidae) brought to the U.S.S.R. by the migratory bird *Turdus dauma* Lath., M. V. Pospelova-Shitrom, R. L. Naumov, *Zool. zhurn.*, 44 no. 9, 1411-1412 '65.
- TICKS—EXTIRMINATION**
 Studying trichlorometaphos-3 in the control of ixodid ticks. *B. V. Andrichuk, Trudy VNIIVS*, 24, 65-69 '64.
- TICKS AS CARRIERS OF DISEASE**
 (see also subdivision under Dzhirgatal District)
 Effect of the blood of *Viper aletina* L. on ticks of the genus *Ornithodoros*. *D. T. Zhigolev, Zool. zhurn.*, 44 no. 9, 1422-1423 '65.
- TIDAL POWER**
 (see also subdivision under White Sea)
 First attempt to measure tidal power, gravimetric experiments of Lomonosov. *A. A. Mikhailov, Priroda*, 54 no. 10, 104-107 '65.
- TIDAL WAVES**
 Experience in calculating the elements of tsunami waves. *L. N. Kononova, Trudy TSIP*, no. 142-98-102 '65.
- TIENTSUN—ACCENTORS (BIRDS)**
 Biology of the Himalayan accentor (*Prunella himalayana* Blyth.) in the Tientsin. *A. Kydryalov, Ornithologia*, no. 7, 200-202 '65.
- TIENTSUN—BIRDS OF PREY**
 Characteristics of the distribution of birds of prey in the Sarykhan basin of the central Tientsin. *D. G. Kiylov, Ornithologia*, no. 7, 203-208 '65.
- TIENTSUN—CLIMATE**
 Climatic description of the western Tientsin. *O. M. Zhitomirskaya, G. N. Leukhina, Trudy Sred.-Asiatsk. nauch.-issled. gidrometeor. inst.*, no. 21, 60-117 '65.
- TIENTSUN—FOREST ECOLOGY**
 Characteristics of the distribution of plants and soils in dense spruce forests of the Tientsin. *I. N. Sobolev, Bul. MOIP, Old biol.*, 70 no. 1, 61-70 May-June '65.
- TIENTSUN—FOREST SOILS**
 Characteristics of the distribution of plants and soils in dense spruce forests of the Tientsin. *I. N. Sobolev, Bul. MOIP, Old biol.*, 70 no. 1, 61-70 May-June '65.
- TIENTSUN—FROZEN GROUND**
 Underground "glaciation" in the Tientsin. *A. P. Gorbunov, Priroda*, 54 no. 10, 58-60 '65.
- TIENTSUN—GEOLOGY**
 Supposed relationship between crystalline formations of the coast of the Caucasus magmatic intrusion and the western part of the Tientsin. *V. I. A. Medvedev, Trudy ucheb. zap., geol. i razv.*, 6 no. 5, 12-18 May '65.
- TIENTSUN—GEOLOGY, STRUCTURAL**
 Synchronism of the Alpine tectonic phases of Dnieper and the southern Tientsin. *G. P. Kiselevskiy, IA, R. Melamed, Dokl. AN SSSR*, 161 no. 6, 1374-1377 O '65.
- TIENTSUN—RAIN AND RAINFALL**
 Synoptic processes resulting in the daily fall of precipitation on the Tientsin in summer. *I. P. Medvedeva, N. N. Romanov, Trudy Sred.-Asiatsk. nauch.-issled. gidrometeor. inst.*, no. 20, 145-149 '65.
- TIENTSUN—SPRUCE—DISEASES AND PESTS**
 Injurious insects in flight with Siberian larch constitute a danger for spruce spruce. *Zh. ismukhambator, Trud. Koz. NIIZR*, 8, 245-250 '64.
- TIFLIS—TELEPHONE DIRECTORIES**
Tiflis. Upravlenie telefonnoi seti. [List of telephone numbers of the subscribers to the Tiflis network, published in conjunction with the conversion of the ATS-3 automatic telephone exchange in Kalinin District.] *Spisok nomenov telefonov abonentov telefonnoi seti g. Tbilisi, izdannyi v svyazi s lyumenonem sistemy avtomaticheskoi telefonnoi stanitsi ATS-3 v raione im. Kalnina. Tbilisi*, 1965, 31 p.
- Tiflis. Upravlenie telefonnoi seti.** [List of telephone numbers of the subscribers to the Tiflis network, published in conjunction with the conversion of a new automatic exchange in the 26 Commissariat District.] *Spisok nomenov telefonov abonentov telefonnoi seti g. Tbilisi, izdannyi v svyazi s puskom v ekspluatatsii novoi avtomaticheskoi telefonnoi stanitsi v raione im. 26 Komissarov. Tbilisi*, 1964, 3 p.
- TIFLIS REGION—BUNTING (BIRDS)**
 Bunting *Emberiza leucocephala* Gmel. in the vicinity of Tiflis. *M. E. Kutubidze, Soob. AN Gruz. SSR*, 39 no. 1, 197-198 JI '65.
- TIFLIS REGION—DOGS—DISEASES AND PESTS**
 Study of the clinical morphological characteristics and the frequency of lesions from a transplanted venereal tumor in dogs in the Tiflis region. *Z. G. Chigirashvili, Soob. AN Gruz. SSR*, 39 no. 3, 713-719 S '65.
- TIGER FISHES** see subdivision under Tonkin Gulf of
- TIKHOMIROV, MIKHAIL NIKOLAEVICH, 1893-1965**
 M. N. Tikhomirov; an obituary. *Vest. AN SSSR*, 35 no. 10, 135 O '65.
- TIKHONOV, NIKOLAI SEMENOVICH, 1896-**
 People of lofty fate. "Double rainbow" by N. Tikhonov. *E. Knipovich, Lit. i ispr.*, no. 5, 10-11 JI '61.
- TILES**
 Polystyrene facing tiles. *Stroitel. i khit. Uzb.*, 6 no. 8, 32-33 Ag '65.
- TILES—DRYING**
 Drying of metach tiles in radiation driers. *G. A. Soldatov and others, Stok. i kor.*, 22 no. 3, 33-35 Mr '65.
- TILES—TESTING**
 Russia (1923- U.S.S.R.) *Gosudarstvennyi komitet standartov, mer izmeritel'nykh priborov*. [Chemically stable and heat resistant ceramic products, methods of testing.] *Izdeliia khimicheski stolkie i termostolkie keramicheskie; metody ispytani (GOST 437-64)*. Izd. ofitsial'noe, Moscow, [Izd.-vo standartov] 1964, 17 p. (SSSR, Gosudarstvennyi standart)
- TILLAGE**
 (see also subdivision under Alma-Ata Province, Chirchik Province, Kurgan Province, Novosibirsk District, Omsk Province, Ukraine)
 Cultivation practices in obtaining large crops of potatoes in the Alma-Ata subarctic zone. *P. M. Medvedev, Trudy Resp. opt. i kor. i sovetsk. khoz.*, 1964, 16-17 '60.
- Determining the resultant of reactive soil cultivation in the vertical profile plane during the preparation of the soil. *A. A. Nikitina, Trudy i doklady nauch. i tekhn. inst.*, 28-29 S '65.
- Preparation of soil for water melons in the conditions of the northern sea of Aral region. *M. I. Medvedev, Trudy Resp. opt. i kor. i sovetsk. khoz.*, 1964, 16-17 '60.
- Some problems of cultivation practices in growing of pepper in the Alma-Ata subarctic zone. *P. M. Medvedev, Trudy Resp. opt. i kor. i sovetsk. khoz.*, 1964, 16-17 '60.
- Some problems of cultivation practices in obtaining of tomato crops. *O. M. Soboleva, Trudy Resp. opt. i kor. i sovetsk. khoz.*, 1964, 16-17 '60.
- TILLAGE—EQUIPMENT AND SUPPLIES**
 Effect of the form of the lateral profile of the cutting part and the traveling speed on the traction of the tractor. *P. M. Medvedev, P. S. Korotkiy, Trudy i doklady nauch. i tekhn. inst.*, 28-29 S '65.
- Tillage machines, implements, and multipurpose tractors. *N. N. Romanov, Tekhn. i tekhn. inst.*, 25 no. 6, 90-92 JI '65.
- TIMAKOV, VLADIMIR DMITRIYEVICH, 1905-**
 Vladimir Dmitriyevich Timakov; an obituary. *Ornithologia*, 31 no. 5, 941-5-9 O '65.
- TIMAN RANGE—PETROLEUM GEOLOGY**
 Studying the possibility of oil formation in the Middle and Upper Devonian carbonate sediments in the Timan Range of the Central Urals and northeastern slope of the Southern Timan Range. *N. G. Zhurav, Sov. geol.*, 1965, 78-88 Ag '65.
- TIME MEASUREMENTS**
 Electronic-type millisecond meter. *A. S. Medvedev, Trudy ONIIT*, 42, 18-19 Mr '61.
- Zima, Vasilav, and Boris Kulin.** [Electronic methods for measuring small time intervals. Translated from the Czech.] *Elektronnye metody izmereniia malikh intervalov vremeni.* Moscow, Energiya, 1965, 246 p.
- TIME STUDY**
 Use of workers' calendar working time and the calculation of the wage fund in industry. *Vest. AN SSSR*, 35 no. 10, 135 O '65.
- TIN ALLOYS—ANALYSIS**
 Economy of lead and tin in lead and tin alloys. *Trudy Giprovetmetobiznesa*, no. 2, 105-108 '65.
- TIN-MERCURY ALLOYS**
 Electrochemical investigation of tin-containing alloys. *L. M. Kovaleva, A. I. Zhebrava, Elektrokhim.*, 1965, 1084-1088 S '65.
- TIN ORGANIC COMPOUNDS** see Organotin compounds
- TIRASPOL' (MOLDAVIA)—WAGES—CLOTHING INDUSTRY**
 The hourly bonus wage system in commodity clothing industry. *E. Medvedev, Soob. AN Gruz. SSR*, 39 no. 1, 197-198 JI '65.
- TIRE FABRICS**
 Method for the processing of polyester cord. *L. V. Ivanova, R. V. Ustinov, L. D. Stomova, Tekhn. i tekhn. inst.*, 28-29 S '65.
- Rubber coating of metal-cord cloth in a cold calendar unit. *L. M. Kopelevich, and others, Tekhn. i tekhn. inst.*, 28-29 S '65.
- Some changes in the structure of rayon fiber fabric place under various conditions of the temperature and drying of cord ends. *Z. I. Sabitova, A. V. Markina, Tekhn. i tekhn. inst.*, 28-29 S '65.
- TIRE FABRICS—DRYING**
 Drying of rayon cord after dipping. *Trudy i doklady nauch. i tekhn. inst.*, 28-29 S '65.
- TIRE FABRICS—TESTING**
 Changes in cord properties during dynamic testing. *A. A. Rogovina, Khim. volokn.*, no. 5, 51-53 JI '65.
- TIRE INDUSTRY**
 Improving the quality of tires to come up to the best of the best world standards. *P. F. Hadenkov, V. I. Evstafatov, G. N. Khamina, Tekhn. i tekhn. inst.*, 28-29 S '65.
- TIRE INDUSTRY—LABOR PRODUCTIVITY**
 Methodology for comparing labor productivity in the tire industry. *F. I. Iashurinskii, S. P. Polashinskii, Tekhn. i tekhn. inst.*, 28-29 S '65.

TIRES, RUBBER see subdivision under Dnepropetrovsk

TIRES, RUBBER—REPAIRING

Provide the rubber tire repair industry with the new type of equipment, B. G. Vostokov and others, *Tekhn.* 1972, 21 no. 8, 33-35 '65.

TIRES, RUBBER—TESTING

Shift of radial tension during the rolling of a wheel with a flexible tire, V. I. Lomon, *Avi.prom.* 31 no. 8-30-32 Je '65.
Using the electric tension meter for determining the rolling resistance of tires, I. B. Erolov, M. K. Erolov, V. G. Voronin, *Kauch. i rez.* 24 no. 9, 31-38 '65.

TISSUE CULTURE

Changes in the intensity of adhesion between cells in the series normal liver - solid hepatoma - ascitic hepatoma, A. G. Malenkov, I. V. Shitman, *TSitologiya* 7 no. 1, 41-43 Je '65.

Changes in tumor cell populations caused by cloning, I. O. Vokhita and others, *TSitologiya* 7 no. 3, 391-400 My-Ie '65.

Comparative study of the susceptibility of the human diploid cell strain 3T4 and primary kidney cells of monkeys to some viruses in relation to the composition of the culture medium, A. T. Pukhov, *Vopr.virus.* 10 no. 2, 198-201 Mr-Ap '65.

Contamination of tissue cultures by pleuropneumonia-like organisms, L. V. Rukovskaya, *Vopr.virus.* 10 no. 2, 233-235 Mr-Ap '65.

Cultivation of a strain of diploid cells of the lungs of a human embryo, R. I. Rapoport and others, *Vopr.virus.* 10 no. 2, 187-191 Mr-Ap '65.

Culture of isolated angiosperm embryos in an artificial medium, M. D. Ioffe, G. I. Zhukova, *Bot. zhur.* 50 no. 8, 1157-1162 Ag '65.

Duration of mitotic cycle and cell interphase stages in the primary culture of embryonic human fibroblasts, N. P. Moiseeva, *Genetika* no. 1, 157-160 '65.

Effect of interferon on the state of the RFS cell line inoculated with the tick-borne encephalitis virus, L. S. Prilutskiy and others, *Vopr.virus.* 10 no. 2, 225-228 Mr-Ap '65.

Growth and transformations of the vascular endothelium in rabbits in tissue culture, N. A. Kolesnikova, *Arkh. anat., gist. i embriol.* 49 no. 7, 17-24 Ji '65.

Isolation of the agent of tick-borne esanthematous typhus (*Dermacentor oxenus sibiricus*) from the organs of murine origin in the cultures of kidney cells of the human embryo, G. P. Somov, R. S. Slonova, *Vopr.virus.* 10 no. 2, 229-232 Mr-Ap '65.

Monoclonal leukocyte cultures of human leukemic blood, S. V. Benovolenskaya, G. T. Chernysheva, O. D. Ramonova-Tshkova, *Probl. gemat. i perel. krovi* no. 5, 37-42 '65.

Statistical substantiation of optimal conditions for cell count in single-layer cultures, M. S. Beninovich, *Lab. delo* no. 10, 600-611 '65.

Study on the properties of ribonucleic acid isolated from leukemic tissues of rats in tissue cultures, Z. A. Hutenko, I. A. Morgunova, *Blud. eksp. biol. i med.* 66 no. 9, 55-60 S '65.

Susceptibility of strains of diploid cells and other cell cultures to rhinoviruses, R. S. Dreizin and others, *Vopr.virus.* 10 no. 2, 191-197 Mr-Ap '65.

TISSUE EXTRACTS

Changes in the immunobiological properties of Ehrlich ascites carcinoma under the effect of a suspension of normal tissues of rats, Report No. 1, Heterotransplantation of Ehrlich ascites carcinoma, D. I. Novikov, *TSitologiya* 7 no. 3, 429-433 My-Je '65.

Changes in the immunobiological properties of Ehrlich ascites carcinoma under the effect of a suspension of normal tissues of rats, Report No. 2, Modification of the antigenic structure of a tumor demonstrated by the phenomenon of immunological stimulation of growth, D. K. Novikov, *TSitologiya* 7 no. 3, 423-427 My-Je '65.

Effect of free purine and pyrimidines on the ammonia production and glutamine decomposition in muscle tissue extracts, R. P. Belotokina, *Soob. AN Gruz. SSR* 30 no. 3, 669-695 S '65.

TISSUE EXTRACTS—BIBLIOGRAPHY see Bibliography—Tissue extracts

TISSUE METABOLISM

Comparative study of gas exchange in the fetus under normal and pathologic conditions, L. S. Persiantsev and others, *Akush. i gign.* no. 1, 3-9 '65.

Correlation between tissue oxygen metabolism, hemodynamics and regional blood circulation, M. I. Hurevych, S. A. Horsteln, M. M. Povlytykov, *Fiziol. zhur. [Ukr.]* 11 no. 4, 555-563 Ji-Ag '65.

Some aspects of the chemistry and metabolism of leukoses and cancer cells, I. F. Solta, *Vest. AMN SSSR* no. 1, 10-22 '65.

Some controversial questions in the biochemistry of tumors, V. S. Shapov, *Vest. AMN SSSR* no. 4, 22-26 '65.

TISSUES—PRESERVATION

Effect of deep freezing on the structure on splenic cells, I. U. Ganal, *Gemat. i perel. krovi* 1, 132-137 '65.

Experimental preservation of skin by the method of rapid and deep freezing, P. V. Lashov, *Gemat. i perel. krovi* 1, 161-163 '65.

Method for the preservation of peripheral nerves by deep freezing, V. P. Lashov, *Gemat. i perel. krovi* 1, 169-172 '65.

Methods for the study of the viability of cells of preserved hypophysis and adrenal gland, L. V. Kisevich, *Gemat. i perel. krovi* 1, 184-188 '65.

Preservation of bone marrow in glycerol by means of rapid freezing, S. S. Lavrik, *Gemat. i perel. krovi* 1, 91-96 '65.

Preservation of homologous skin not detached from a tissue complex, A. B. Savchik, A. F. Vavrulak, *Gemat. i perel. krovi* 1, 150-153 '65.

Respiration of cadaverous skin preserved under low temperature, L. A. Zakharenko, V. V. Dvornik, *Vopr. med. fiziol.* 11 no. 2, 21-28 Mr-Ap '65.

TITANATES

Study of the system $K_2TiO_5 - KCl - TiO_2$, L. N. Belinev, A. G. Belineva, *Zhur. prikl. khim.* 18 no. 6, 1260-1261 Je '65.

TITANIUM

Chromatographic separation of titanium from some elements in azeotropic solutions, L. K. Tskovich, D. V. Bantov, *Zhur. prikl. khim.* 18 no. 6, 1369-1392 Je '65.

Effect of titanium on the formation of the structure and strength of Kh18N9Ti steel pipe fitting castings, N. V. Fiksen, I. Z. Babakina, *Lit. proizv.* no. 9, 3-5 S '64.

TITANIUM—ANALYSIS

Differential spectrophotometric determination of titanium with dimethylglyoxime, T. M. Malinina, R. S. Tramm, E. S. Pevzner, *Zav. lab.* 31 no. 9, 1051-1057 '65.

TITANIUM—ELECTROMETALLURGY

Development of the standard process for the production of titanium sponge, V. I. Petrov and others, *Zhur. prikl. khim.* 38 no. 6, 1217-1224 Je '65.

Effect of certain factors on the process of the electrolytic preparation of titanium from its dioxide, N. A. Baltenov, A. I. Milov, *Trudy Inst. met. i obog. AN Kazakh SSR* 12, 50-61 '65.

Investigating cathode products and the electrolyte following the electrolysis of titanium dioxide in fluoride-chloride melts, N. A. Baltenov, A. I. Milov, P. I. Korotkov, *Trudy Inst. met. i obog. AN Kazakh SSR* 12, 65-70 '65.

TITANIUM ALLOYS

Forging titanium alloy ingots, N. G. Evlanov, G. S. Sakharov, *Trudy MATT* no. 62, 145-156 '65.

TITANIUM ALLOYS—CORROSION

Corrosion behavior of alloys of the titanium - oxygen system in sulfuric acid solutions, V. V. Filizova and others, *Dokl. AN SSSR* 165 no. 1, 145-149 N '65.

Distribution of air components between the scale and the altered layer of certain titanium alloys, N. M. Fultsin, V. A. Lashinov, *Izv. vuz. ucheb. zav. i svet. met.* 8 no. 5, 131-134 '65.

TITANIUM ALLOYS—METALLOGRAPHY

Investigating metal flow in the manufacture of thin parts by forging, N. G. Evlanov, G. S. Sakharov, *Trudy MATT* no. 62, 101-115 '65.

TITANIUM ALLOYS—METALLURGY

Effect of alloying on the deformability and recrystallization of a titanium alloys, N. S. Aiferova, V. I. Shevchenko, *Izv. vuz. ucheb. zav. i svet. met.* 8 no. 5, 127-127 '65.

TITANIUM ALLOYS—THERMAL PROPERTIES

Diffusive mobility and heat resistance of titanium alloys following thermal and thermomechanical treatments, S. Z. Bokshidin and others, *Izv. AN SSSR, Met.* no. 5, 135-142 S-O '65.

TITANIUM-ALUMINUM ALLOYS—TESTING

Investigation of force parameters during hot rolling, O. I. Kachanik, *Trudy MATT* no. 62, 91-100 '65.

TITANIUM CARBIDES—ELECTRIC PROPERTIES

Electric properties of titanium carbide, O. A. Galkova and others, *Fiz. i ver. teia* 7 no. 8, 2860-2862 S '65.

TITANIUM CATALYSTS

Nature of the catalytic action of titanium (IV) in the reaction of hydrogen peroxide with sodium thiosulfate, A. K. Babko, V. A. Litvinenko, *Zhur. neorg. khim.* 10 no. 9, 2075-2078 S '65.

TITANIUM COMPOUNDS

Mass spectra of some monocyclopentadienyl derivatives of titanium, A. N. Nosolov and others, *Dokl. AN SSSR* 165 no. 1, 125-126 N '65.

TITANIUM-IRON ALLOYS

Seeding of a pig iron in a cupola furnace and alloying of titanium in the ladle, I. S. Knyazh, *Blud. i tekhn. i ver. teia* 7 no. 8, 2860-2862 S '65.

TITANIUM-MOLYBDENUM-MANGANESE ALLOYS—METALLOGRAPHY

Effect of aluminum on the stability of the β -phase in Ti-Mo-Mn alloys, N. V. Agrev, P. K. Novik, *Izv. AN SSSR, Met.* no. 5, 131-138 S-O '65.

TITANIUM NITRIDES

X-ray spectroscopy in the field of the formation of titanium nitride, I. A. Zakharenko, V. P. Dzegazov, *Blud. i tekhn. i ver. teia* 7 no. 5, 17-61 S-O '64.

TITANIUM ORES

A two-stage method of obtaining titanium slag, I. I. Moskalov, V. P. Prechenkin, M. N. Bystrykh, *Met. i perel. krovi* no. 1, 19-21 Ji-Ag '65.

TITANIUM OXIDES

Work function of an electron of titanium dioxide and its solid solutions in the process of chemisorption and catalysis, I. S. Sizemova, N. P. Keler, *Kim. i tekhn.* 6 no. 3, 148-154 My-Je '65.

TITANIUM PIPE see Pipe, Titanium

TITCHIKHA (VORONEZH PROVINCE)—SLAVIC ANTIQUITIES

Moshalenko, A. N. [Ancient site of Titchikha; from the history of early Russian settlements in the Don Valley] *Gorodishche Titchikha, iz istorii drevnerusskikh poselenij na Donu. Voronezh, Izd-vo Voronezhskogo univ.*, 1965. 308 p.

TTIMES see subdivision under Bulyenda

TTIMCE see subdivision under Azorin; Moscow Province

TITRATION

Application of the turbidimetric titration method for determining the molecular weight distribution in silicone polymers, N. A. Pravikova and others, *Kauch. i rez.* 24 no. 10, 10-22 '65.

TITRATION—EQUIPMENT AND SUPPLIES

Using discrete fluid medium analysis in concentration control systems, A. G. Loskutov, *Soob. AN Gruz. SSR* 19 no. 1, 151-158 Ji '65.

TITRIMETERS

Automatic photometric titrimeters, I. B. Shagin, *Met. i perel. krovi* no. 31 no. 10, 11-13 O '65.

TKHOR, GRIGORI ILARIONOVICH, d. 1043

Immortality of a feat, A. T. Tskhin, *Kryl. rod.* 16 no. 6, 1-3 Je '65.

TOBACCO

(see also subdivision under Uzbekistan)

Analyzing the complex of tobacco and of the products of its combustion, V. V. Chlenkov, I. N. Shupakov, *Izv. vuz. ucheb. zav. i svet. met.* no. 5, 55-59 '65.

[Manual for a tobacco grower] *Spravochnik tabakovoda. Moskva, Kolos*, 1965. 438 p.

(DNAL)

Preparing a tobacco infusion and extract, P. Nikolaev, *Zashch. rast. i ver. teia* 10 no. 7, 31-39 '65.

TOBACCO CURING

Technology of the finish drying of high-moisture content tobacco, A. G. Petrov, I. I. P'lachkin, I. A. Novikov, *Izv. vuz. ucheb. zav. i svet. met.* no. 5, 129-129 '65.

TOBACCO INDUSTRY see subdivision under Khrushchev

TOBACCO INDUSTRY—FINANCE

Efficiency of territorial specialization, L. Chikva, *Plann. khoz.* 42 no. 11, 71-75 N '65.

TOBLEVYCH, IVAN KARPOVYCH, 1845-1907

I. Karpenko-Karyl and czarist censorship, I. Stetsenko, *Rod. It.* 9 no. 9, 30-37 S '65.

TOCOPHEROL

Authoradiographic study of the effect of vitamin E deficiency on methionine-³⁵S metabolism in guinea pigs, R. V. Chagovets, T. S. M. Shatman, *Ukr. biokhim. zhur.* 37 no. 5, 812-817 '65.

TOKTOGUL HYDROELECTRIC POWER STATION—TUNNELING

Use of anchorage in driving diversion channel of the Toktogul Hydroelectric Power Station, G. V. Satin, V. I. Karakov, *Gid. i stroit.* 35 no. 6, 15-18 Je '65.

TOKYO—OLYMPIC GAMES

Mashin, I. U. D. [Results of the 16th Olympic games in Tokyo] *Itoji XVIII Olimpijskih igr v Tokio. Moskva, Fizkul'tura i sport*, 1965. 45 p.

TOLERANCE (ENGINEERING)

Effect of tolerances on the efficiency of bits A I Pud'ko and others. *Azob naft khoz* 14 no 8,21,48 Ag '65

TOLSTOI, ALEKSEI NIKOLAEVICH, 1862-1945

A.N. Tolstoy's satiric stories on the emigration. M.I. Dolgova. *Trudy Un.druzhn* 4, Vop.lit, no 1 96-114 '64.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910

From the history of studying L.N. Tolstoy's work in Soviet schools A.A. Tikhovodov. *Uch.zap.GGPI* 10,33 139-172 '61.

Gogol' and L. Tolstoy. L. A. Lbedeva. *Visnyk L'viv, un Ser tsial* no.3 38-44 '65
Fattness of form, the epic "The Iliad" and "War and peace" G Gachev. *Vop lit* 9 no 10,149-170 O '65

Some works of L. N. Tolstoy's novel "Resurrection" and "For what?" S I Baranov. *Trudy Un.druzhn* 4 Vop lit no 1 115-131 '64

Textual study of L. N. Tolstoy's novel "War and peace" in schools. B IA Kniashchikova. *Uch.zap.GGPI* no.38 47-68 '61.

TOLUENE

Prospects for the production of cresols from the coal-chemical toluol. G D. Kharlampovich and others. *Koks i Khim* no 8 10-14 '65.

TOMATO BREEDING

Early and productive tomato mutants obtained by gamma irradiation M I Kulik. *Genetika* no.2 148-151 Ag '65.

TOMATO PRODUCTS—PRESERVATION

Physicochemical changes in pickled tomato during fermentation and storage. A.V. Troian, I.F. Borukh. *Kons.i o.prom*, 20 no.10 26-29 O '65.

TOMATOES

(see also subdivision under Kustanay Province, Ukraine)
Effect of trace elements on some biochemical processes and the yield of tomatoes A D Khvatova and others. *Trudy Resp. opt. sta kart i ovoshch.khoz* 2:102-120 '60

TOMATOES—DISEASES AND PESTS see subdivision under Leningrad Province

TOMATOES—FERTILIZERS AND MANURES

(see also subdivision under Alma-Ata Province, Kazakhstan)
Selecting the part of the plant for analysis to determine the requirements of tomatoes for nitrogen and phosphorus. V.V. Pankov. *Agrokhumia* no.8,119-123 Ag '65
Tomato nutrition requirements as a basis for establishing the type of fertilizers. E.G. Kazibekova. *Agrokhumia* no.10,58-66 O '65

TOMSK—DIVING, SUBMARINE

"Skai" searches the deep. Tai'iana Bakhtan. *Voen. znani*, 41 no.10-44 O '65.

TOMSK PROVINCE—BOTANY, MEDICAL

Medical flora of some central regions of Tomsk Province L.N. Bereznegovskaya, V.E. Dobychin. *Rast.res*, 1 no.3 383-390 '65.

TONGUE—SURGERY

Treatment of hemangiomas of the tongue by suturing. V.I. Ponomareva. *Nauch.trudy Riaz.med.inst.* II: 212-214 '60

TONGUE—TUMORS

Treatment of hemangiomas of the tongue by suturing. V.I. Ponomareva. *Nauch.trudy Riaz.med.inst.* II: 212-214 '60.

TONKIN, GULF OF—FLATFISHES

Larvae of the flatfishes (Heterosomata) of the Gulf of Tonkin. T.A. Pertseva-Ostroumova. *Trudy Inst. okean*, 80:177-220 '65.

TONKIN, GULF OF—FLYING FISH

Distribution of flying fishes in the Gulf of Tonkin as related to oceanographic factors. V.P. Shuntov. *Trudy Inst. okean*, 80:128-123 '65.

Flying fishes (Oxypteropterygidae and Exocoetidae) of the Gulf of Tonkin. N.V. Parin, L.N. Besednov. *Trudy Inst. okean*, 80:104-117 '65.

TONKIN, GULF OF—GARPIKES

Eggs and juveniles of the garfishes (Belontiiformes, Pisces) from the Gulf of Tonkin. N.V. Kovalevskaya. *Trudy Inst. okean*, 80:124-146 '65.

TONKIN, GULF OF—LIZARD FISH

Materials on the development of lizard fishes (Pisces, Synodontidae). O.A. Zviagina. *Trudy Inst. okean*, 80:146-161 '65.

TONKIN, GULF OF—SCOMBROIDEA

Spawning of the scombroid fishes (Pisces, Scombroidei) in the Gulf of Tonkin of the South China Sea. N.N. Gorbunova. *Trudy Inst. okean*, 80:167-176 '65.

TONKIN, GULF OF—TIGER FISHES

Materials on the development of Theraponthera Curv. et Val. (Pisces, Theraponidae). O.A. Zviagina. *Trudy Inst. okean*, 80:162-166 '65.

TONSILS—CANCER

X-ray therapy of lymphosarcomas of the palatine tonsils. D.L. Ablonzhala. *Nauch.trudy Riaz.med.inst.* II: 287-289 '60.

TONSILS—DISEASES

Electric activity of the heart in chronic tonsillitis. Z.M. Garbiban. *Zhur. eksp. i klin.med.* 5 no 1 67-73 '65.
Hyaluronidase content and activity in tissue extracts of tonsils in chronic tonsillitis K.G. Shukurina, V.I. Vartanjan, G.A. Babalan. *Zhur. eksp. i klin.med.* 2 no 6 81-87 '62.

TOOL AND DIE INDUSTRY

Accounting for the tools of one's own production. A. Borodkin. *Bukhg. uchet* 22 no.9:34-37 S '65.

TOOL AND DIE INDUSTRY—ACCOUNTING see subdivision under Rostov-on-Don

TOOL STEEL—ANALYSIS

Effect of cobalt on the structure and properties of high speed steel I.K. Kupalova. *Metalloved. i term. obr. met* no 9 40-53 S '65
Inoculated high speed steels with an increased carbon content E.Zhmikhorskii. *Metalloved. i term. obr. met* no.9:42-46 S '65.

TOOL STEEL—HARDENING

Isothermal hardening of tool steels V.N. Blukhova. *Metalloved. i term. obr. met* no 9:53-57 S '65

TOOL STEEL—HEAT TREATMENT

Properties of tool steels for use as structural material in the manufacture of machine parts. N.P. Aristov, I.U. A. Geller. *Metalloved. i term. obr. met* no.9:18-21 S '65.

TOOL STEEL—METALLOGRAPHY

Effect of the size of eutectoid and secondary carbides on the properties of R18 steel. A.N. Popandopulo. *Metalloved. i term. obr. met* no.9:46-48 S '65

TOOL STEEL—METALLURGY

Inoculated high speed steels with an increased carbon content. E.Zhmikhorskii. *Metalloved. i term. obr. met* no 9 42-46 S '65

TOOL STEEL—TESTING

Effect of cobalt on the structure and properties of high speed steel. I.K. Kupalova. *Metalloved. i term. obr. met* no 9:49-53 S '65.
Effect of the size of eutectoid and secondary carbides on the properties of R18 steel. A.N. Popandopulo. *Metalloved. i term. obr. met* no.9:46-48 S '65.

TOPOGRAPHICAL SURVEYING

Solving some problems of vertical planning by linear programming. K.K. Skidanenko. *Izv.vys.ucheb.zav., geod. i aerof.* no.2 83-88 '65.

TOPOLOGY

Extremum problems for surfaces of a prescribed topological type. Part 2. V.N. Lagunov, A.I. Fet. *Sib.mat.zhur.* 6 no.5:1026-1030 S-O '65.

Power of Hausdorff spaces. B. Efimov. *Dokl. AN SSSR*, 164 no.5:967-970 O '65.

Pseudonormalizability of topological rings. Z.S. Lipkina. *Sib.mat.zhur.* 6 no.5:1046-1052 S-O '65.

Regular bases in nuclear spaces. M.M. Dragilev. *Mat.sbor.* 68 no 2 153-174 O '65.

Topological properties of sets related to the theory of approximation of functions. I.U.A. Shashkin. *Izv. AN SSSR, Ser. mat.* 29 no.5:1085-1094 '65.

Topology of continua. O.V. Lokutsievskii. *Dokl. AN SSSR* 164 no.6:1235-1238 O '65.

TORQUE

Tensionmetric apparatus for measuring torque. V.N. Kerber. *Trakt. i sel'khoz mash.* no.9:34-35 Ag '65.

TORSION

Effect of prestressing on the strength and crack resistance of reinforced concrete beams in torsion and bending. G.V. Murashkin. *Bet. i zheli.bet.* II no.10; 28-33 O '65.

TOWELS

Manufacture of nonwoven towels. A.P. Bykov, N.G. Voronina, P.I. Lali. *Tekst.prom.* 26 no.10:56 O '65.

TOWERS, PLATE see Plate towers

TOXEMIA

Abortions in pregnant air-bearing animals with toxicosis D.P. Monaganov. *Veterinariia* 12 no.10, 11-12 O '65
Carbohydrate function of the liver in toxicosis during pregnancy S.M. Gvozdevan. *Zhur. eksp. i klin.med.* no.6:105-110 '62
Changes in the plasma volume and protein composition of the blood serum in late pregnancy toxicosis I.I. Kolpakova. *Khim. i fiziol.* no.1 110-137 '65.
Treatment of late pregnancy toxemia. M.N. Voloshin. *Sov.med.* 20 no.3 72-75 M '65.

TOXICOLOGY—ABSTRACTS

[Pharmacology, Toxicology] Ref. zhurnal: *Farm. i Toks.* no.4, 20, 22 O-N '65

TOXINS AND ANTITOXINS

Antibiotic and free toxin in the blood in atrophic colitis infection in patients with trauma V.M. Svetovidova. *Ortop., travm. i protez.* 10 no.10:67-69 S '65.
Formation of toxin by the fungus *Verticillium dahliae* the pathogen of cotton wilt N.A. Kramchenko, S.M. Khodzhikova, T.G. Mikhlin. *Agrokhumia* no.10 128-131 O '65.
Results of using neurotoxic serum (cechichotoxin) in some organic diseases of the nervous system. V.V. Pichukhin. *Trudy Vor.med.inst.* 51:172-176 '63.
Vorn'ev, A.A., N.N. Vanil'ev, and A.T. Kraschenko. [Antitoxins] *Anatoksiny*. Moskva, Meditsina, 1965 487 p. (BNLM)

TOXOPLASMOSIS

Calfried fold of the brain in chronic acquired toxoplasmosis. M.G. Smalkina. *Sov.med.* 20 no.3:119-121 M '65.

Diagnosis and clinical aspects of toxoplasmosis in women with complicated obstetrical anamnesis. N.N. Mulatova and others. *Khim. i fiziol.* no 1 136 '65.

Materials of examinations for toxoplasmosis in children with oligophrenia. I.A. Markova, V.V. Nopyshneva. *Khim. i fiziol.* no 1 136 '65.

Pathogenesis and pathological anatomy of chronic experimental toxoplasmosis. I.A. Shevchenko, I.B. Volk. *Arkh.pat.* 27 no.10:48-54 '65.

TOYS

Toys visited the Pioneers. L. Pavlova. *Nat. obr.* 1 no 126 O '65.
Wood that came to life. V. Volynko, N. Zhechenko. *Doshk.vosp.* 38 no.9 90-101 S '65.

TOYS—EXHIBITIONS

Soviet toys: review of an exhibition. V. Rozen. *Nat. vrem.* 23 no.44:20 O '65.

TRACE ELEMENTS

(see also subdivision under Ural Mountain region)
Akademiya nauk URSS, Kiev. [Trace elements in natural husbandry and medicine] *Mikroelementy v zhivotnovodstve i meditsine*. Kiev, Naukova dumka, 1965 140 p. (Respublikanskiy mezhvedomstvennyy sbornik)

Clinical significance of trace elements in leukemic syndrome. Report No. 1: Nickel, vanadium, among others. I.U. M. Bala, V.M. Lifshits. *Probl.genet. i patol. krov.* no.5:20-34 '65.

Trace element content of roughage in Kalyuzhskaya M.I. Gustin. *Khim.v sel'khoz.* 4 no 9 67-68 S '65.
Trace elements and the tanks of defense. A.P. Vinogradov. *Agrokhumia* no.10:26-31 Ag '65.

Use of the waste of the Tokell Complex Metal Concentration as fertilizers. O.M. Soboleva, A.D. Khvatov, M.V. Agapova. *Trudy Resp. opt. sta kart i ovoshch.khoz.* 2:127-131 '60.

Use of trace elements in agriculture in the U.S.S.R. J. Pavlov. *Khim.v sel'khoz.* 4 no 9 10 S '65.

Use of trace elements in growing tomato seedlings. O.M. Soboleva, M.V. Agapova. *Trudy Resp. opt. sta kart i ovoshch.khoz.* 2:123-126 '60

TRACE ELEMENTS—EFFECT ON PLANTS see Plants, Effect of trace elements on

TRACE ELEMENTS—PHYSIOLOGICAL EFFECT

Enriching rations for layers by adding trace elements V.V. Patyanin. *Vestnik AN SSSR, Ser. sel'khoz.nauk.* no.2:111-115 '65.

TRACE ELEMENTS IN THE BODY

Change in the quantity of microelements and the activity of some enzymes in the blood of women. Z.V. Blukhina. *Sov. i Khim.* no.3 132-134 '65.

TRACERS (CHEMISTRY)

Methods of the determination of the mask position in polymers of rings. V.V. Vukhvanets, and others. *Izv. vys.ucheb.zav. i khim. i fiziol.* 0 no.3 132-134 '65.

TRACHEA—INTUBATION

Intubation of the trachea "blindly" following a guide. L. T. Legeida, Probl. khir.-lita khir., no. 11-13 '65

TRACTOR DRIVERS

Comfort for a tractor driver. T. Sergeev, Otkr. izdaniya i soobshch., 8 no. 10 74-26 O '65

TRACTOR DRIVERS—EDUCATION AND TRAINING

see subdivision under Chuvashia

TRACTOR TRAINS

Lateral stability of a saddle-connected tractor train under unstable motion conditions. N. A. Viatlitsky, Avt. prom., 31 no. 10 20-23 O '65

TRACTOR TRAINS—BRAKES

Selection of the most effective characteristics of the tractor train. N. V. Aletskii, M. I. Dvornik, Izv. vuzov mashinostroyeniya, no. 8:120-125 '65

TRACTORS

DER-1 dynamo-electric dynamometer. L. P. Polkanov, G. Kh. Ullukayev, A. S. Danilov, Trudy Ural'sk. sel'khoz. inst., 10 no. 2:31-43 '61

Economic efficiency of using the MTZ-52 tractor. V. I. Linnov, Bliz. tseli. zhuk. inform. Gos. nauch.-issled. inst. mash. i tekhn. inform., 10 no. 9:11-15 S '65

Introducing the T-75-1 tractor unit. D. V. Kuznetsov, M. P. Gilev, Bliz. tseli. zhuk. inform. Gos. nauch.-issled. inst. mash. i tekhn. inform., 10 no. 9:35-36 S '65

Investigating the operation tension of the carrying system of the S-100G tractor with the D-493 bulldozer. M. P. Sergeev and others, Stroitel'stvo mash., 10 no. 9:18-20 S '65

Ogil, G. C. [Concise manual on the T-74, T-75 tractors] Rukovodstvo po traktorom T-74, T-75. Moskva, Kolos, 1965. 302 p.

Recording the work of tractor-driven machinery. L. P. Polkanov, B. I. Kulagin, N. E. Salimov, Trudy Ural'sk. sel'khoz. inst., 10 no. 2:44-55 '64

Studying a new brand of steel for the T-110 tractor track. T. A. Bekerman and others, Trakt. i sel'khoz. mash., no. 9:43 S '65

T-28 tractor with mounted equipment for road construction. G. S. Vasilov, Zh. i. i. kom. khoz., 10 no. 9:9 S '65

Tractor inclinometer. N. I. Matichenko, M. P. Kononenko, Trakt. i sel'khoz. mash., no. 9:38 Ag '65

TRACTORS—ABSTRACTS

[Tractors and agricultural machinery and equipment] Ref. zhuk.: Trakt. i sel'khoz. mash. i otd. nos. 9-10 S-O '65. Predmetnyi ukazatel' za 1964 g., publ. 1965.

TRACTORS—COOLING

Stand for controlling the aerodynamic resistance of cylinders and heads of air-cooled engines. I. U. A. Zelnin and others, Trakt. i sel'khoz. mash., no. 8:11-15 Ag '65

TRACTORS—DESIGN AND CONSTRUCTION

(see also subdivision under Russia, Northern)

Welding the pins of a T-150 tractor with a modernized B-912 automatic machine. E. S. Sorokin, M. A. Bravtman, Sva. proizv., no. 10:38-39 O '65

TRACTORS—DICTIONARIES

Malakhovskii, I. A. E., and G. I. Gol'dberg, comps. [French-Russian motor-vehicle and tractor dictionary] Frantsuzsko-russkii avtomotornyi slovar'. Red. S. D. Zheltkov. Moskva, Sovetskaya Entsiklopediya, 1965. 459 p.

TRACTORS—DYNAMICS

Acceleration of fast tractors with speed shift during running. P. P. Shevtsov, V. N. Shulepov, Trakt. i sel'khoz. mash., no. 8:1-3 S '65

Effect of the traveling speed of the DT-75 tractor on the stresses in suspension systems. S. S. Dmitrichenko and others, Trakt. i sel'khoz. mash., no. 8:5-7 Ag '65

TRACTORS—ENGINES

Determining the technical state of a tractor engine in a laboratory setting. V. Bel'skikh, Tekh. v sel'khoz., 25 no. 6:56-62 Je '65

Manner of using tractor engines and their durability. N. Gvozdev, Tekh. v sel'khoz., 25 no. 6:62-65 Je '65

Plotting rating diagrams of engine moments during the starting of a tractor machinery unit. R. V. Viranov, Trakt. i sel'khoz. mash., no. 8:1-5 Ag '65

Studying the operation of a hopped-up modification of air-cooled engines. A. A. Lurin, Trakt. i sel'khoz. mash., no. 8:16-17 Ag '65

TRACTORS—MAINTENANCE AND REPAIR

Repairing the fan rotor of the T-20K tractor. D. Petukhin, Tekh. v sel'khoz., 25 no. 6:65 Je '65

Repairing the internal balance of the DT-54 tractor. S. A. Yalovikov, Lit. proizv., no. 9:42 S '64

Use of polymeric materials for part repair. V. I. Iarovitskiy, Teif. prom., 42 no. 7:31-35 '65

TRACTORS—RELIABILITY

Operating reliability of tractor engines with the combustion chamber in the piston. V. N. Tulakov, N. A. Pavlov, Trakt. i sel'khoz. mash., no. 9:4-5 S '65

TRACTORS—SAFETY MEASURES

[Safety manual for the foremen of tractor teams] Pamiatka po tekhnike bezopasnosti dlya brigadirov traktornykh brigad. Mostva Rossijskhozizdat, 1965. 81 p. (Pamiatka po tekhnike bezopasnosti v sel'skom khoziaistve) (DNI)

TRACTORS—SUPERCHARGERS

Measuring device for variations of angular velocities. I. U. S. Shaparev, Trakt. i sel'khoz. mash., no. 8:39-40 S '65

TRACTORS—TESTING

Stability of single-axle tractors at turns. S. F. Marshak, V. M. Gol'delsin, Avt. prom., 31 no. 10 23-26 O '65

TRACTORS—TIRES

Loading capacity of tires with liquid ballast. V. N. Tarasov, Trakt. i sel'khoz. mash., no. 8:10-12 Ag '65

TRACTORS—TRANSMISSION DEVICES

Some problems of studying a hydraulic motor for the volumetric transmission of tractors. L. P. Polkanov, A. S. Danilov, V. S. Berland, Trudy Ural'sk. sel'khoz. inst., 10 no. 2:120-136 '64

TRADE UNION MEETINGS

see subdivision under Kemerovo Province

TRADE UNIONS

(see also subdivision under Asia, Southeastern, Azerbaijan, Dnepropetrovsk Province, Germany, West; Great Britain; United States)

Activities of the Soviet trade unions in consolidating the ties with the masses during the fifth five-year plan, 1951-1955. V. I. Karpenko, Urzh. zap. Iuzh.-Sakh. gos. ped. inst., 1:43-98 '57

Democratic centralism and the production principle are the foundation of the structure and organizational operation of trade unions, theme No. 2. Sov. profsoyuzy, 21 no. 20:31-38 O '65

In the Central Committee of the workers of the light and textile industry. Tekst. prom., 25 no. 10:85 O '65

Procedural status of the technical inspector of the Council of Trade Unions. I. Mikhailovskaya, Sov. kust., 20 no. 19:6-8 O '65

Put into practice the decisions of the Central Committee of the CPSU. Sov. profsoyuzy, 21 no. 21:1-3 N '65

Results of the work of the Commission of the Rubber Industry of the International Association of Trade Unions. V. A. Klunzhenkov, Kausch. i rez., 24 no. 8:57 '65

[Work of trade-union activists on industrial safety] Rukovodstvo profsoyuznogo aktiv po okh. i bez. truda. (Moskva) Profizdat, 1965. 205 p.

TRADE UNIONS—BIBLIOGRAPHY

see Bibliography—Trade unions

TRADE UNIONS—CONGRESSES

Program of the Central Committee of the Trade Union of workers in the coal industry. Z. N. Gol'dberg, Bezop. truda v prom., 9 no. 8:59-61 Ag '65

The solidarity of working people. Nov. vrem., 23 no. 4:1:1-2 O '65

TRADE UNIONS—OFFICERS

Light from the same match. I. U. Falatov, Sov. profsoyuzy, 21 no. 21:24-25 N '65

TRADE UNIONS—STATISTICS

Trade unions and the strike movement in economically developed capitalist countries. I. U. Boroko, Mir, ekon. i mezhunar. otn., no. 11:156-158 '65

TRADEMARKS

(see also subdivision under Armenia)

[Bulletin on inventions and trademarks] Biulet. izob. i tov. znak., 42 nos. 19-20 '65

TRAFFIC ENGINEERING

see subdivision under Lenin-grad

TRAFFIC REGULATIONS

Slone, I. S., R. V. Khochenko, and L. L. Ostrovskii. [For the motor-vehicle driver] Vvedeniye avtomobilista Kishinev, Karla moldoveniansko, 1965. 185 p.

TRAFFIC SAFETY

Traffic organization and safety. Avt. transp., 43 no. 10:32-33 O '65

Working without accidents. I. Arkhipov, Avt. transp., 43 no. 10:33 O '65

TRAINING OF EMPLOYEES

see Employees, Training of

TRAINING OF TEACHERS

see Teachers, Training of

TRAJECTORIES

Method of sequential approximations for the solution of variational problems in flight mechanics. I. U. Z. Alshayev, Avtom. i telem., 26 no. 10 165:1-1653 O '65

TRAKAI (LITHUANIA)—DESCRIPTION AND TRAVEL

Medonis, A. Trakai 3. papildytas lektimas. Vilnius, Mintis, 1965. 58 p. illus. [In Lithuanian]

TRANQUILIZING DRUGS

Use of tranquilizers in treating the climacteric syndrome. T. M. Vashilav, I. U. F. Znamenskii, Akush. i gign., no. 1 95-101 '65

TRANSAMIDINASE

Detection of transamidinase in the blood serum and urine in various kidney diseases. A. A. Karchin, I. R. Paltanov, Vop. med. khim., 11 no. 2 97-99 Ag '65

TRANSAMINASES

Correlation between changes in transaminases and glucosamine in the blood serum in liver diseases. P. Boron, D. Prokopovich, Sov. med., 28 no. 3:50-53 Mi '65

Interaction of aspartate aminotransferase with pyridoxamine phosphate and its analogs. A. E. Blaunstein and others, Ukr. biokhim. zhur., 37 no. 5 671-675

TRANSBAIKALIA—ACCLIMATIZATION

Materials on acclimatization in the steppe regions of Transbaikalia. V. V. Kokhachovskii, F. I. Morozov, A. I. Shcherbanov, Nek. vop. klim. i kruev. pat., no. 3:46-51 '63

TRANSBAIKALIA—CLIMATOLOGY, MEDICAL

Cyclic variability of leucocytes and leucocyte sedimentation reaction in pregnancy. I. M. Kushnir and others, Nek. vop. klim. i kruev. pat., no. 3:65-72 '63

Effect of some climatic factors of Transbaikalia on the state of patients with the fibrocavernous form of tuberculosis. P. A. Shovkun, Nek. vop. klim. i kruev. pat., no. 3:73-80 '63

Some seasonal characteristics of the regulation of the blood system in animals in the ultracentrifugal climate of Transbaikalia. B. I. Kuznik and others, Nek. vop. klim. i kruev. pat., no. 3:60-64 '63

TRANSBAIKALIA—FA LCONS

Biology of saker falcon in the forest steppe of Transbaikalia. B. V. Shechkin, Ornithologia, no. 7:167-168 '65

Nesting colony of the Amur red-footed falcon in the forest steppe of Transbaikalia. B. V. Shechkin, Ornithologia, no. 7:153-156 '65

TRANSBAIKALIA—INDUSTRIES

Basic characteristics of the development of mountain taiga regions in Transbaikalia. A. A. Nedeshov, Dokl. Inst. geog. Sib. i Dal' Vost., no. 7:51-57 '64

TRANSBAIKALIA—MINERAL WATERS

Fluorescence of the mucous membrane in atrophic catarrh of the upper respiratory tract before and following hydroaerosolotherapy from the mineral springs of Transbaikalia. S. S. Groshstein, S. I. Vasilov, Nek. vop. klim. i kruev. pat., no. 3:88-89 '63

TRANSBAIKALIA—NATURAL RESOURCES

Basic characteristics of the development of mountain taiga regions in Transbaikalia. A. A. Nedeshov, Dokl. Inst. geog. Sib. i Dal' Vost., no. 7:51-57 '64

TRANSBAIKALIA—ORE DEPOSITS

Some characteristics of the Alatau ore zone (eastern Transbaikalia). G. S. Nesmikh, Trudy Un. druzh. nar., 3: Geol., gor. delo i geod., no. 1:96-103 '63

TRANSBAIKALIA—RAILROADS—FREIGHT

Accelerated processing of coal freight. N. I. Danilov, Zh. i. i. transp., 17 no. 10:31-32 O '65

TRANSBAIKALIA—SPINE—DISEASES

Degenerative lesions of the spine in Transbaikalia. S. M. Kogan, Nek. vop. klim. i kruev. pat., no. 3:100-108 '63

TRANSCARPATIA—AGRICULTURAL PESTS

In Transcarpathia. I. Anshin, Zashch. rast. ot vred. i boi., 10 no. 7:40-47 '63

TRANSCARPATIA—BIRDS IN WINTER

Winter ornithofauna in Transcarpathian Province. V. S. Talpach, Ornithologia, no. 7:401-402 '65

TRANSCARPATIA—HEALTH RESORTS, WATERING PLACES, ETC.

Mineral waters and the development of a sanatorium and health resort network in Transcarpathia. M. D. Torokhtin, Sbor. nauch. rab. vrach. san.-kur. ucheb. profsoyuzov, no. 1:7-12 '64

- TRANSCARPATIA--JUVENILE DELINQUENCY**
Activities of the committee in charge of juvenile matters. H. Iakov. Rad. pravo 28 no. 7 16-17 O '63.
- TRANSCARPATIA--NAMES, GEOGRAPHICAL**
Toponymics with compiled out by students. A. V. Ianchenko. Utr. i zhur. 8 no. 3 112-113 My-Je '64.
- TRANSCARPATIA--PLANTS, PROTECTION OF**
1. Forests against fire. Zhur. i zhur. 8 no. 3 112-113 My-Je '64.
2. L. I. 10 112-113 My-Je '64.
- TRANSCARPATIA--PRODUCE TRADE**
Contribution of the members of cooperative societies to the urban population. G. Galst'ya. Sov. potreb. koop. 9 no. 10 16-17 '65.
- TRANSCAUCASIA--CLOTHING INDUSTRY**
For a cooperation between the textile and clothing industry of Transcaucasia. V. F. Gopko, A. E. Goronheim. Tekst. prom. 25 no. 10 8-9 O '65.
- TRANSCAUCASIA--ETHNOLOGY**
Rise of the Hittite Kingdom and the problem of the earliest inhabitants of Transcaucasia and Asia Minor. G. A. Melchishvili. Vest. drev. ist. no. 13-30 '65.
- TRANSCAUCASIA--FINCHES**
Occurrences of trumpeter bullfinch in Transcaucasia. M. S. Adamian, V. S. Zialetov. Ornitologia no. 7455 '65.
- TRANSCAUCASIA--JET STREAM**
Jet stream and the conditions of the formation of sharp vertical structures of velocity in the upper half of the troposphere over Transcaucasia. I. F. Kvaratskhelia. Trudy Tbil. MGU no. 15, 21-32 '64.
- TRANSCAUCASIA--PETROCHEMICAL INDUSTRY**
Development of the petrochemical complexes of Transcaucasia. L. Granatova, I. Kalashnikova. Plan. khoz. 42 no. 11 44-49 N '65.
- TRANSCAUCASIA--SOLAR RADIATION**
Radiation balance of Transcaucasia. I. A. Futsishvili. Trudy Tbil. MGU no. 15 53-70 '64.
- TRANSCAUCASIA--TEXTILE INDUSTRY**
For a cooperation between the textile and clothing industry of Transcaucasia. V. F. Gopko, A. E. Goronheim. Tekst. prom. 25 no. 10 8-9 O '65.
- TRANSDUCERS**
Calculation of magnetolectric torque transducers with similar change of their design parameters. T. S. Astashevskaya. Izv. vys. ucheb. zav., elektromekh. 8 no. 8 952-953 '65.
General principle for shaping a multidimensional signal in multiple-frequency control system. V. G. Pustynin. Izv. vys. ucheb. zav., elektromekh. 8 no. 9 1050-1052 '65.
Hill, e. m. f. transducers from n-type gallium arsenide. N. V. Zolova, D. N. Nasledov, O. M. Sreseli. Zhur. tekh. fiz. 35 no. 9 1872-1877 S '65.
Multicell dynamometer transducer with helical converters. A. S. Radchik. Izv. vys. ucheb. zav., prib. 8 no. 5 115-119 '65.
Tuning piezoelectric quartz transducers. G. P. Bulina-chenko, G. I. Gurin. Trudy kol. tekh. inst. yb. prom. i khoz. no. 18-173-174 '63.
- TRANSFORMATIONS (MATHEMATICS)**
An integral transformation. I. I. Krasov. Dif. urav. 1 no. 10 1116-1119 O '65.
Maximum Abelian subgroups of a group of formal-analytical transformations. F. A. Ivanov. Vest. LGU 20 no. 10 32-37 '65.
A problem in Watson's theory of transformations. G. V. Badalan. Dokl. AN SSSR 164 no. 6 1215-1217 O '65.
- TRANSIENTS (DYNAMICS)**
Calculation of transient processes in marine gas turbines. I. V. Koshin, V. V. Selin. Trudy kol. tekh. inst. yb. prom. i khoz. no. 18, 301-308 '63.
Studies of transient processes in mine ventilation networks. F. A. Abramov and others. Bezpog. truda v prom. 9 no. 8-36-39 Ag '65.
- TRANSIENTS (ELECTRICITY)**
Calculation of overvoltages on the capacitance of an oscillatory stage during the switching of a periodic e. m. f. and zero initial conditions. M. V. Kostenko, M. L. Levinstein. Izv. AN SSSR, Energ. i transp. no. 4, 3-10 Ji-Ag '65.
Effect of transients in a line on the stability of long-distance power transmission lines. E. S. Lukasho. Elektrichestvo no. 10 16-20 O '65.
- TRANSISTOR AMPLIFIERS**
Design of transistor amplifiers. V. V. Zgirskis. Radiotekhnika 20 no. 5 339-43 My '65.
- Operational characteristics of a transistorized magnetic amplifier in the region of negative control currents. M. I. Aronov, I. I. Gusevskii. Izv. vys. ucheb. zav., elektromekh. 8 no. 8 871-880 '65.
Parametric amplification in the 8 mm band. A. S. Barin and others. Radiotekh. i elektron. 10 no. 10 1907-1909 O '65.
Regulated resistance-type transistor amplifier for use in servo systems. V. V. Aramono, N. A. Ivanov. Trudy MEI 55 153-161 '65.
Selection of the optimal frequency characteristic of operational amplifier using transistors. V. I. Anisimov, A. P. Golubev. Avtom. i telemek. 26 no. 10 1837-1841 O '65.
Standard transistor amplifier stages. I. G. Skachko. Izv. vys. ucheb. zav., energ. 8 no. 9 91-97 S '65.
- TRANSISTOR CIRCUITS**
Calculation of transient processes in transistor current switching circuits. I. G. Nedolubko. Trudy MEI 55 193-212 '65.
Conditions for the realization of transistorized threshold circuits. V. P. Chistov, Avtom. i telemek. 26 no. 10 1824-1831 O '65.
Determining permitted range for temperature variations of the surrounding medium and the power supply voltage by conditions of a steady operation of ferrotransistor cells. V. S. Kuznetsov. Izv. vys. ucheb. zav., prib. i no. 5-80-85 '65.
Efficiency of discrete elements. I. S. Gurvich. Avtom. i telemek. 26 no. 10 1815-1852 O '65.
Equivalent circuit of a transistor diode for the calculation of transient processes. A. A. Lukin, Pyn. Si-shan'. [Feng Hsi-shan]. Trudy MEI 55 165-176 '65.
Pulse widener using charge storage in a semiconductor diode. A. A. Lukin, Pyn. Si-shan'. [Feng Hsi-shan]. Trudy MEI 55 177-181 '65.
Source of calibrating voltage. A. M. Kovalev, V. N. Kotov. Priborostroenie no. 9 27 S '65.
Temperature parameters of transistors and their use in calculations. I. U. V. Kovalev, I. V. Ivanuk. Radiotekhnika 20 no. 8, 11-32 My '65.
Transient processes in a keying circuit using transistor diodes. A. A. Lukin, Pyn. Si-shan'. [Feng Hsi-shan]. Trudy MEI 55 185-192 '65.
Transistorized control networks of multiphase autonomous inverters. V. A. Labunsov, G. N. Gorbachev. Trudy MEI 55 65-72 '65.
Two self-control circuits for the distributing step-by-step devices. V. V. Sobolev. Priborostroenie no. 9 22-23 S '65.
Using transistor circuits in controlling gas counting tubes. R. P. Chubakov. Priborostroenie no. 9 13-11 S '65.
- TRANSISTOR OSCILLATORS** see Oscillators, Transistor
- TRANSISTORS**
[Semiconductor devices and their application]. Poluprovodnikovye pribory i ikh primeneniye, shem. i konstr. Pod red. I. A. Fedotova. Moskva, Sovetskoe radio. No. 13, 1965. 312 p.
Synthesis of the equivalent circuits of a junction transistor with distributed parameters. V. M. Bogachev. Radiotekh. i elektron. 10 no. 10 1904-1907 O '65.
Temperature dependence of static voltage characteristics of N-irradiated. M. V. Popova, V. I. Stafeev. Radiotekh. i elektron. 10 no. 10 1893-1899 O '65.
- TRANSISTORS--TESTING**
Morozov, V. P. [Radio-amateur transistor testing devices]. Radiolubitel'skie pribory dlya proverki tranzistorov. Moskva, DOSAAF, 1965. 58 p.
- TRANSITION METAL COMPOUNDS**
Chemical fixation of molecular nitrogen by aqueous solutions of transition metal compounds. K. B. Ilatel'man, V. K. Pavlova. Dokl. AN SSSR 165 no. 1 170-172 N '65.
- TRANSITION METALS**
Phase equilibrium in the ternary systems of the fourth and fifth groups of transition metals with carbon. T. F. Fedorov, E. I. Gladyshevskii. Porosh. met. 5 no. 1 37-40 Ja '65.
- TRANSPLANTATION OF ORGANS, TISSUES, ETC.**
Overcoming the intolerance to homotransplants. V. I. Gavallo. Usp. sovr. biol. 60 no. 2 267-270 S-O '65.
State of fresh and preserved spleen following subcutaneous transplantation in irradiated animals. I. U. L. Ganul. Gemat. i perel. krovi. 1, 138-142 '65.
- TRANSPORTATION**
(see also subdivision under Uzbekistan)
Analysis of the use of equipment in the construction of the means of transportation. V. Balakin. Plan. khoz. 42 no. 11 77-79 N '65.
- TRANSPORTATION--ABSTRACTS**
[Container shipments and the interaction of various types of transportation] Ref. zhur.: Vozimodstva, raz. vld. transp. i kont. perev. nos. 10-11 O-N '65.
- [Industrial transportation] Ref. zhur.: Prom. transp. nos. 10-11 O-N '65.
- TRANSPORTATION--MANAGEMENT** see subdivision under Azerbaijan
- TRANSPORTATION--RESEARCH**
Commission of the Academy of Sciences on the scientific problems in the development of transportation, Inter-view. Zh. i dokl. transp. 17 no. 10 18-19 O '65.
- TRANSPORTATION--STATISTICS**
Concerning the evaluation of the various means of transportation in accounting passenger and freight transport. V. A. Vladimirov. Zh. i dokl. transp. 17 no. 10 18-19 O '65.
- TRANSPORTATION, AUTOMOTIVE**
(see also subdivision under Latvia, North and Economic region)
Community promotes the fulfillment of the plan. V. I. Kochikov. Avt. transp. 13 no. 10 16-17 O '65.
Fulfilling the seven-year plan ahead of schedule. N. Kadykov. Avt. transp. 13 no. 10 16-17 O '65.
Specialized transportation in construction. I. P. Agapov, V. A. Gordenko. Mekh. stroit. 23 no. 8 11-13 Ag '65.
Zubilskii, V. L., S. M. Sakharev, and N. I. Ikonov. [Transportation within a port]. Vuzhokoslovnyi transport Moskva, Transport, 1965. 185 p.
- TRANSPORTATION, AUTOMOTIVE--ABSTRACTS**
[Automotive and city transportation] Ref. zhur.: Avt. i gor. transp. nos. 10-11 O-N '65.
- TRANSPORTATION, AUTOMOTIVE--ACCOUNTING**
Improve the processing of hauling documents. Avt. transp. 41 no. 10 37-39 O '65.
- TRANSPORTATION, AUTOMOTIVE--COST OF OPERATION**
Analysis of operational results of automotive transportation units by the expenditures for obtaining one unit of profit. L. Pashchenko. Avt. transp. 13 no. 10 16-17 O '65.
- TRANSPORTATION, AUTOMOTIVE--FINANCE** see subdivision under Leningrad Province
- TRANSPORTATION, AUTOMOTIVE--RIGHTS**
(see also subdivision under Chuvashia)
Pay more attention to the transportation of commercial goods. V. Butanov. Avt. transp. 13 no. 10 16-17 O '65.
Transportation office on instead of small motor pools. P. Lykov. Sov. potreb. koop. 9 no. 10 16-17 O '65.
- TRANSPORTATION, AUTOMOTIVE--MANAGEMENT**
(see also subdivision under Moscow)
Long-term organization of a motor truck unit. A. B. Babayev, A. S. Zolova, B. S. Kariikh. Avt. dor. 28 no. 10 16-17 O '65.
Reduction of idle trips is the most urgent problem of the national economy. I. Vozhakovskii. Avt. transp. 13 no. 10 16-17 O '65.
- TRANSPORTATION, AUTOMOTIVE--RATIS** see subdivision under Pogradische District
- TRANSPORTATION, AUTOMOTIVE--TECHNOLOGICAL INNOVATIONS**
Enthusiasm of technological progress. Avt. transp. 13 no. 10 16-17 O '65.
- TRAUMATISM**
Antitoxin and free toxin in the blood in atrophy of the section in patients with traumas. V. M. Seleznevskii. Ortop., travm. i protez. 26 no. 9 907-910 S '65.
Control practice in chemical plants. I. F. Mavlyan. Bezpog. truda v prom. 9 no. 8, 35 Ag '65.
Eliminating the causes of industrial traumatisms. In the minutes of the Donets Economic Council. G. P. Vozlov. Bezpog. truda v prom. 9 no. 8, 10-11 Ag '65.
Plenum of the Central Committee of the Trade Union of workers in the coal industry. V. N. Koshchikov. Bezpog. truda v prom. 9 no. 8, 69-81 Ag '65.
Results of technological improvements of one extraction. G. M. Babalagin, V. M. Kukinov. Bezpog. truda v prom. 9 no. 8, 24-27 S '65.
Some results of the implementation of the plan for scientific studies on the problem "Trauma, traumatism and orthopedic diseases" during 1964. M. V. Volkov. Ortop., travm. i protez. 26 no. 5 37-40 Ja '65.
Use of local additional anesthesia in injection of the apparatus and soft tissues. S. N. Mironov. Ortop., travm. i protez. 26 no. 5 37-40 Ja '65.
Ways of decreasing traumatism in the ore drawing. N. V. Dronov, M. A. Ten. Bezpog. truda v prom. 9 no. 8, 17-18 Ag '65.
Ways of decreasing traumatism in the quarry of Azerbaidjan. G. A. Mamedov, I. A. Akhmedov. Bezpog. truda v prom. 9 no. 8, 10-21 S '65.
Ways of improving polyclinical traumatological and orthopedic aid to the population. M. V. Voplov. Ortop., travm. i protez. 26 no. 5, 11-16 My '65.

TRAWLS AND TRAWLING

- Calculation of the setting of a net on a given curvilinear line. B. G. Kashkarov, Ryb. khoz., 41 no. 9, 36-41 '65.
Shape of the mouth of a bottom trawl. V. P. Kondrat'ev, Trudy Kolt'sk. inst. ryb. prom. i khoz., no. 18, 200-202 '65.
Studying the form of a trawl wasp. V. N. Stokolova, Trudy Kolt'sk. inst. ryb. prom. i khoz., no. 18, 220-230 '65.

TREE FELLING

- Directed felling of large trees. V. I. Gorshkov, Trudy VSNII Lesn. khoz., no. 10, 15-22 '61.

TREES

(see also subdivision under Moldavia)

- Heterophily in the seedlings of some subarctic plants. L. A. Kondrat'eva-Mel'nik, Bot. zhur., 50 no. 5, 805-813 May '65.

TREES—DROUGHT RESISTANCE

- Some characteristics of the water regime of trees in the steppe zone and their significance in the life of forest stands. M. A. Sidel'nyk, Ukr. bot. zhur., 22 no. 4, 43-49 '65.

TREES—FROST RESISTANCE

- Winter damages to trees in the process of acclimatization. V. V. Burakivska, 3 K. Mal'v, Ukr. bot. zhur., 22 no. 5, 92-93 '65.

TREES—PHYSIOLOGY

- N. v. confirmations of some regularities in tree transpiration. V. H. Rudakov, Ukr. bot. zhur., 22 no. 4, 31-37 '65.
Variation of some physiological features of the young growth of spruce after the cutting of tree stands. Z. M. Nuzhenko, Biol. iest., 12 no. 3, 532-539 My-Je '65.

TREHALOSE

- Synthesis and decomposition of trehalose in the larva of the Chinese grasshopper. T. A. Tigorova, Nauch. dokl. vys. shkoly, biol. nauki, no. 4, 91-93 '65.

TREMATODA

(see also subdivision under Caspian Sea region, Volga Delta, Volga River)

- Case of Diplostomum infestation of young sturgeons in a fish hatchery. L. I. Egel'ski, Ryb. khoz., 41 no. 9, 22-23 '65.
Developmental cycle of trematodes of the family Didymozoidae (Monocelii, 1888) Poche, 1897. V. M. Nikolaeva, Zool. zhur., 44 no. 9, 1317-1327 '65.

TREPONEMA PALLIDUM

- Clinical evaluation of the Treponema immobilization reaction in syphilis. N. M. Ovchinnikov and others, Vest. derm. i ven. no. 2, 63-71 '65.
Immune immobilization reaction in the serodiagnosis of syphilis. L. V. Gerasimova, Vest. derm. i ven. no. 2, 71-76 '65.
Treponema pallidum immobilization reaction using N. M. Ovchinnikov's simplified method. U. M. Mikhamedov, Vest. derm. i ven. no. 1, 54-56 '65.
Electroinjections of Treponema pallidum under the electroinjection microscope. N. M. Ovchinnikov, V. V. Delektor'ski, Vest. derm. i ven. no. 1, 50-53 '65.

TRIAL PRACTICE

(see also subdivision under Kirovograd Province)

- Vsesoyuznyi Nauchno-Issledovatel'skiy Institut Sovetskogo zakonodatel'stva. [Theoretical commentaries on trial practice in civil law cases for 1963] Nauchnyi komitet pri sudenoi praktike po grazhdanskim delam za 1963 god. Otv. red. P. I. Sedugin. Moskva, Iuridicheskaya literatura, 1965. 100 p.

TRIANGULATION

- Galkay, P. A. [Leveling of class 3 and 4 geodetic nets; a practical handbook] Uravnyvaniye geodezicheskoi seti 3 i 4 klassov; prakticheskoe posobie. Moskva, Nedra, 1965. 159 p.

TRIAZINE

- Effect of triazine and its mixture with heptachlor and mineral fertilizers on the corn yield as related to soil conditions. L. F. Efimova, Trudy VIZR no. 20, 1, 139-42 '64.

- Weed control in forest nurseries with the use of triazine derivatives in tilling the fallow. N. M. Pankratova, Khim. v les. khoz., no. 1, 3-6 '64.

TRIAZINE—EFFECT ON PLANTS see Plants, Effect

TRICHINA AND TRICHINOSIS

- Accelerated method for the diagnosis of trichinellosis. P. A. Vladimirova, Veterinaria 42 no. 10, 95-96 O '65.

TRICHODESMA—PHYSIOLOGICAL EFFECT

- Effect of Trichodesma incana and some of its alkaloids on the vegetative nervous system. N. Tullaganov, Sbor. nauch. trud. TashGMI 22: 428-434 '62.

TRICHOPHYTON

(see also subdivision under Sverdlovsk Province)

- Morphology, parasitic activity, and ecology of Trichophyton terrestris Dufle et Fiedl., 1951. M. G. Otkendek, Jazirskiy Droyak, Vest. derm. i ven. no. 2, 32-36 '65.

TRIGEMINAL NEURALGIA see Neuralgia, Trigeminal

TRIPOL'YE (UKRAINE)—REVOLUTION, 1917-1921

- The Tripolye march in June and July 1919. V. F. Panchuk, Ukr. ist. zhur., 8 no. 3, 116-120 My-Je '61.

TROLLEYBUSES—MAINTENANCE AND REPAIR

- Removal of old paint from rolling stock by a chemical method. N. Vol'vak, Zhil. i kom. khoz., 16 no. 9, 29-30 S '65.

TROPANE

- Loss of tropane group alkaloids during their isolation from biological material. O. K. Atoplan, Farmatsev. zhur., 26 no. 1, 80-84 '65.

TROTSKYISM see subdivision under Donets Basin

TROUT

(see also subdivision under Japan Sea)

- Effect of cobalt chloride on the development and growth of rainbow trout (Salmo irideus Giltman). A. A. Shadrina, Izv. GosNORKH 55: 139-149 '61.
Protein content in the blood plasma of rainbow trout. N. V. Koroieva, Izv. GosNORKH 58: 100-105 '61.

TROUT—PHYSIOLOGY

- Physiological characteristics of rainbow trout with underdeveloped gill covers. I. N. Ostrova, S. V. Shadrina, Izv. GosNORKH 59: 135-138 '61.

TRUBETSKOI, SERGEI PETROVICH, 1790-1860

- Vasil'ev, A. S. P. Trubetskoi, [Leningrad] Leningrad, 1965. 34 p. (Uzinki Potopnyavskoi krepost')

TRUCK DRIVERS

(see also subdivision under Great Britain)

- Two worlds and two destinies. L. Annatov, Sov. prof. sovetu 21 no. 20, 4-6 O '65.

TRUCK TRAILERS

- High-capacity tactical truck trailer. I. A. Loshak, IA, T. Bel'zym, Mekh. i stroit., 22 no. 8, 23 Ag '65.

TRUCK TRAILERS—FRAMES

- Investigating the static strength of the frame of the ChMZAP-520H trailer. V. P. Kopyov, Avt. prom. 31 no. 10, 17-19 O '65.

TRUSKAVETS (UKRAINE)—HEALTH RESORTS, WATER-ING PLACES, ETC.

- Active manifestation of latent forms of diabetes mellitus. L. K. Baikalov, V. G. Sotatovskii, Sbor. nauch. rab. vrach. san.-kur. uch. profsovetov no. 1, 219-223 '64.

TRUSKAVETS (UKRAINE)—MINERAL WATERS

- Effect of "Nafusia" spring mineral water on some gas-tic functions. L. K. Baikalov, A. N. Sokolovskii, Sbor. nauch. rab. vrach. san.-kur. uch. profsovetov no. 1, 56-63 '64.

TRUSSES

- Calculation of spanning prestressed gey trusses according to the limiting state. L. D. Glikin, Stroit. mekh. i inzh. soor., 7 no. 5, 2-20 '65.

TRUSTS, INDUSTRIAL see subdivision under Japan

TRYPSIN

- Reversible changes of cell resistance to the lytic action of trypsin. F. A. Modanova, U. M. Vasil'ev, TSitologiya 7 no. 3, 410-414 My-Je '65.

- Use of proteolytic enzymes in surgical practice: a review of Soviet and foreign literature. K. N. Veremcenko, Klin. khir., no. 2, 53-59 '65.

TRYPTOPHAN

- Fluorescent method for the separate determination of tryptophan and typtophan. A. N. Kost and others, Zhur. anal. khim., 20 no. 8, 845-849 '65.

TRYPTOPHAN PEROXIDASE

- Tryptophan peroxidase activity in regenerating liver cells. V. M. Bessler and others, TSitologiya 7 no. 3, 127-131 My-Je '65.

TSELINNYI KRAY see Virgin Territory

TSELINOGRAD—CHEMICAL MACHINERY—QUALITY CONTROL

- Quality is threefold. A. Ol'khovskii, Nar. khoz. Kazakh, 23 no. 10, 58-59 O '65.

TSELOVAL'NIKOVA, ANNA KONSTANTINOVNA, 1902-1964

- Anna Konstantinovna Tseloval'nikova; an obituary. Uch. zap. inst. slav., 20: 210 '65.

TSIOLKOVSKI, KONSTANTIN EDUARDOVICH, 1857-1935

- Scholars and engineers. Shkola i prodv., 9 no. 8, 95-96 Ag '65.

TSIURUPA, ALEKSANDR DMITRIYEVICH, 1870-1928

- Aleksandr Dmitriyevich Tsiurupa on the 50th anniversary of his birth. A. M. Gak, I. I. Sushina, Vop. ist. KPSS, 9 no. 10, 63-67 O '65.

TUBERCULIN

- State of vascular permeability following the introduction of various tuberculin in an experiment. R. I. Dariova, M. Z. Ljubetskaya, Sbor. nauch. trud. TashGMI 22: 220-233 '62.
Technique of preparing tuberculin solutions. A. B. Vints, Probl. tub., no. 7: 89 '64.

TUBERCULIN—TESTING

- Detection of pulmonary tuberculosis in persons in whose families children show a positive reaction to tuberculin. M. V. Shilova, Probl. tub., no. 7, 3-7 '64.
Increasing the effectiveness of the allergy test for tuberculosis in cattle. R. V. Tuzava, Vestni AN BSSR, Ser. sel'kosp. nav., no. 2, 120-124 '65.

TUBERCULOSIS

- Comparative evaluation of the adrenal cortex function in patients with silico-tuberculosis and pulmonary tuberculosis. A. A. Kovalevskii, Probl. tub., no. 7: 54-59 '61.
Desensitizing effect of streptomycin on specific hypersensitivity in experimental tuberculosis. D. Z. Mirzoeva, I. S. Kuznetsova, Antibiotiki no. 3, 235-240 '65.

- Detection of pulmonary tuberculosis in persons in whose families children show a positive reaction to tuberculin. M. V. Shilova, Probl. tub., no. 7: 3-7 '64.

- Determination of C-reactive protein in patients with minor forms of pulmonary tuberculosis. V. Z. Vainshtok, Probl. tub., no. 7: 37-40 '64.

- Disorders of serum protein fractions and of some indices of liver protein function in primary tuberculosis in children. O. G. Vasil'eva, V. V. Kishin, Probl. tub., no. 7, 30-31 '61.

- Dynamics of the content of stalic acid in the blood in various forms of tuberculosis. I. I. Doshkin, Probl. tub., no. 7, 40-43 '61.

- Dynamics of the correlations of serum protein fractions following a resection of a segment or lobe of the lung in tuberculosis, clinico-biochemical parallels. A. G. Giltman, A. I. Pertsavskii, Probl. tub., no. 7: 43-47 '64.

- Effect of some climatic factors of Transbaikalia on the state of patients with the fibrocavernous form of tuberculosis. P. A. Shovkun, Nek. vop. klin. i ka. sev. pat., no. 3, 73-80 '63.

- Experience with radical surgery in pulmonary tuberculosis. A. A. Lashko, Sov. med., 28 no. 3, 127-130 Mr '65.

- Exudative pleurisy and its role in the development of pulmonary tuberculosis. G. V. Dolina, Sbor. nauch. trud. TashGMI 22: 230-243 '62.

- Fibrinogen content of the plasma in patients with pulmonary tuberculosis and with non-tuberculous lung diseases. I. I. Dantsig, Probl. tub., no. 7: 48-51 '61.

- Prognostic importance of the morphology of the caverns of resected lungs in patients with tuberculosis. M. Rzaev, Sbor. nauch. trud. TashGMI 22: 263-269 '62.

- Significance of ureoprotein determination in patients with silico-tuberculosis. A. V. Leventchik, Probl. tub., no. 7: 51-54 '61.

- Some indices of metabolism and reactivity of the organism in extensive pulmonary tuberculosis. R. M. Zabolinskaya and others, Klin. khir., no. 2, 47-53 '65.

- Some problems of the histochemistry of military tuberculosis. S. S. Kasab'yan, Arkh. pat., 27 no. 8, 69-72 '65.

- Vitamin metabolism and excretion of 17-ketosteroids in cutaneous tuberculosis treated with tubazid. I. B. Veinova, F. A. Kuchukova, I. I. Cherkashina, Vest. derm. i ven. no. 1, 22-28 '65.

TUBERCULOSIS—DIAGNOSIS

- Biochemical indices in the clinical aspects of pulmonary and extrapulmonary forms of tuberculosis. N. N. Doshkin, Probl. tub., no. 7: 24-28 '64.

- C-reactive protein as a criterion of the activity of pulmonary tuberculosis. M. G. Loevina, Probl. tub., no. 7: 34-37 '64.

- Importance of determining fibrinogen in the blood plasma in differential diagnosis of cancer and tuberculosis of the lungs. A. I. A. TSigel'nik, V. I. Grigor'eva, Vop. onk., 11 no. 10, 18-23 '65.

- Methodology for the detection of tuberculosis in children and adolescents. Z. I. Grodzavskaya, Probl. tub., no. 7: 7-10 '64.

TUBERCULOSIS IN ANIMALS

- Increasing the effectiveness of the allergy test for tuberculosis in cattle. R. V. Tuzava, Vestni AN BSSR, Ser. sel'kosp. nav., no. 2, 120-124 '65.

- Use of the meat of animals with tuberculosis. I. A. Kondrat'ev, Veterinaria 42 no. 10, 90-91 O '65.

TUBERCULOSIS IN POULTRY

- Epidemiologic significance of avian tuberculosis. E. I. Shutskaia and others, Probl. tub., no. 7: 10-13 '61.

TULA—ELECTRIC POWER DISTRIBUTION

Continued automation of thermal processes in the electric power plants of the Tula Electric Power System. I L Akhmatov. *Elek. sta. 3b* no. 10:91-92 O '65

TULA—HEAT INSPECTION

How we obtained the honorary title of Collective of Communist Labor. M. F. Panchenko. *Veterinariia* 12 no. 10:7-9 O '65

TULA—SIEGE, 1941

In front-line Tula. P. Grichnev. *Voen. zhurn.* 41 no. 9:10-11 S '65

TULA PROVINCE—PENSIONS

Public control. N. Pashenichnikov, R. Demin. *Sots. zhurn.* 26 no. 10:19-20 O '65

TULAREMIA—see subdivision under Omsk Province

TUMANIAN, OVANES, 1869-1923

Ideological content of Ovanes Tumanian's story "The brave Nazar." S. A. Gulakian. *Izv. AN Arm. SSR Obshchest. nauk* no. 9:113-120 '65

TUMORS

Accumulation of glutamine by tumors and its inclusion in the proteins of tumorous and normal cells. K. A. Pashchenichnikov, I. P. Belouso, V. P. Shushkov. *Voprosy khim.* 11 no. 2:32-36 May-Apr '65

Embryonic lipomas, myxoid, embryonic liposarcomas, myxosarcomas, and Glinours' mesenchymomas. G. A. Lvinikova, K. V. Danilov. *Bek. Arkh. pat.* 27 no. 5:36-43 '65

Osteocytomas. K. K. Poroshin, G. A. Galil-Ogly. *Ark. pat.* 27 no. 8:43-49 '65

Paragastic activity of follicles in the process of growth of the Rous sarcoma. A. I. Fedorov. *Mikroskop. zhurn.* 25 no. 4:17-20 '61

Thrombocytopenic syndrome in hemangiomas. S. V. Levitskaya, E. B. Kats. *Probl. gemat. i posel. provi.* 5:22-28 '65

Tumors in newborn infants and fetuses, a review of literature. IU. V. Gul'kevich, T. S. Rytsevich. *Ark. pat.* no. 10:3-12 '64

TUNA FISH—see subdivision under Pacific Ocean

TUNDRAS

Water balance of lichens and mosses in the tundra communities. Z. S. Igumnova, V. I. Shumina. *Russk. zhurn.* 50 no. 5:702-709 May '65

TUNGSTEN

X-ray diffraction study and some optical characteristics of the system $\text{CaWO}_4 - (\text{dWO}_4)_x$. I. N. Dem'yanets, M. I. Tombar, Izv. AN SSSR, *tekh. nat.* 1 no. 5:758-762 May '65

TUNGSTEN

Separation of tungsten and molybdenum in fluorine-containing solutions by means of the AV-17, EDE-10P, and AM-2F anion exchangers. V. S. Pakholkov, V. D. Olshin. *Zhur. prikl. khim.* 38 no. 6:1235-1239 June '65

TUNGSTEN—METALLURGY

Investigating the aqueous leaching of tungsten-molybdenum containing molten sodium matte. I. R. Polyviannyi, R. S. Demchenko, N. A. Mitulina. *Trudy Inst. met. i obog. AN Kazakh. SSR* 12:154-160 '65

Separating tungsten and molybdenum in alkali sulfide solutions. I. R. Polyviannyi, N. A. Mitulina, L. N. Sysoev. *Trudy Inst. met. i obog. AN Kazakh. SSR* 12:161-167 '65

TUNGSTEN—TESTING

Success-ture strength of tungsten. V. A. Borisenko. *Porosh. met.* 4 no. 5:47-48 S-O '64

TUNGSTEN COMPOUNDS

Preparation and properties of some complex molybdenyl and tungstenyl fluorides and their properties. IU. A. Buslaev, R. L. Davidovich. *Dokl. AN SSSR* 164 no. 6:1296-1299 O '65

TUNGSTEN CRYSTALS

Structure of barium oxide films on face (110) of tungsten single crystals. D. A. Gorodetskii, IU. P. Mel'nik. *Fiz. tvor. tela* 7 no. 9:2780-2788 S '65

TUNGSTEN SULFIDES

Effect of nonstoichiometric sulfur on the activity of sulfide catalysts. K. A. Pavlova and others. *Khim. kat.* 6 no. 3:493-498 May-June '65

TUNICATA

Life cycle of ascidians of the genus *Distaplia* as related to the problem of the evolution of metagenesis in Tunicata. O. M. Ivanova-Kazas. *Zool. zhurn.* 44 no. 6:863-885 '65

TUNNEL DIODES

Accounting for gradual failures of the switching cell on a tunnel diode. L. V. Golovinaki, E. M. Sheremet. *Izv. tekhn.* no. 9:4-6 S '65

Study of the nonlinear characteristics of a complete equivalent circuit of a tunnel diode. V. A. Malyshev. *Radiotekhnika i elektron.* 10 no. 10:1814-1823 O '65

TUNNEL LINING

(see also subdivision under Crimea)

Applying the modeling method in studying the reactive rock pressure on a circular tunnel lining. A. A. Bogodetskii. *Sbor. trud. LITZIT* no. 202:41-53 '63

TUNNELING

(see also subdivision under Toktogul Hydroelectric Power Station)

Characteristics of the deformation of buildings in the construction of station tunnels in soft rocks. IU. A. Limanov, V. F. Podakov. *Sbor. trud. LITZIT* no. 202:65-74 '63

Measuring instruments and methodology of stress measurement in models of subway station lining and rocks for modeling with the method of equivalent materials. L. I. Laitonov. *Sbor. trud. LITZIT* no. 202:39-43 '63

Rapid construction of a sewer tunnel. M. Akhmatov, S. Marshak. *Na stroit. dor.* 6 no. 9:16 S '65

Rock pressure in elastic-plastic rocks. O. E. Bugaeva. *Sbor. trud. LITZIT* no. 202:54-64 '63

Tunnel construction characteristics of the second link of the Leningrad subway. D. I. Bol'shakov, IU. A. Limanov. *Sbor. trud. LITZIT* no. 202:3-7 '63

TUNNELING—ESTIMATES

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 39 of standard district uniform estimates for construction work, tunnels] *Sbornik No. 39* edinykh tsennykh edinchnykh tsenok na stroitel'nye raboty, tonnell. Moskva, Stroiizdat, 1965 315 p.

TUNNELS

Prospects of the construction of subaqueous tunnels for city traffic in Leningrad. A. A. Bogodetskii. *Sbor. trud. LITZIT* no. 202:82-95 '63

TURBINES

(see also subdivision under France, Great Britain)

Evaluation of the strength of turbine discs. I. A. Kozlov, V. G. Bruzhenov. *Energomashinostroyeniye* 11 no. 9:28-30 S '65

TURBINES—ABSTRACTS

[Turbine manufacture] *Ref. zhurn.: Turbosti.* no. 10 O '65

TURBINES—SAFETY MEASURES

Measurement of bearing temperature of turbines manufactured by the Kharkov Turbogenerator Plant. G. G. Aleksandrovskii, A. A. Leschinskii, IU. I. Zimichev. *Energomashinostroyeniye* 11 no. 9:21-23 S '65

TURBOGENERATORS

Asynchronous characteristics and related parameters of present-day large double-pole turbogenerators. N. A. Pelliak. *Elek. sta. 3b* no. 10:545-553 O '65

TURBOGENERATORS—COOLING

Increasing the excess pressure of hydrogen up to 1 atm. in TV-50-2 turbogenerators. M. M. Galanov, V. I. Kolobov. *Prikladnaya tekhn. sta.* 36 no. 11:811-815 N '65

Redesigning of a turbogenerator ventilation system. V. I. Vitell'man, V. A. Shelopov. *Energetika* 13 no. 10:17-19 O '65

TURBOMACHINES

Method for determining the design parameters of the turbine stage of a turbocompressor operating on exhaust gases with variable parameters from a two-cycle diesel engine. O. N. Alekseev. *Energomashinostroyeniye* 11 no. 8:0-11 Ag '65

Operation of pumps and air blowers under low supply conditions. V. I. Poljovskii, A. A. Iovin. *Teplotekhnika* 12 no. 10:71-74 O '65

Peripherical stresses in blades in a cascade of infinitely thin flat plates. R. N. Alekseyeva. *Teplotekhnika* 12 no. 10:68-70 O '65

TURBULENCE

Apparatus, methods, and techniques of the experimental study of turbulent water flows with suspension. M. V. Pechenkin. *Izv. VNIIG* 78:395-394 '64

Measurements of the characteristics of turbulence under conditions of a closed volume with mechanical agitation. E. S. Semenov. *Nauch.-tekhn. probl. gor. i vuzryva* no. 2:83-92 '65

TURGENEV, IVAN SERGEEVICH, 1818-1883

Creative method of Turgenev the novelist. I. P. Poluektova. *Trudy Un. druzh. nar.* 1, Vop. lit. no. 1:132-165 '64

I. S. Turgenev's article "Hamlet and Don Quixote"; on the polemics of Dobolubov and Turgenev. IU. D. Levin. *Uch. zap. GGU* no. 71:122-163 '65

TURKISTAN—CHILDREN—DISEASES

Problems of public health service for children in the first years of Soviet power in Turkistan (1917-1919). D. M. Nizarov. *Sbor. nauki i trud. Turk. MII* 27:161-171 '65

TURKISTAN—CHILDREN—STATISTICS

Problems of public health service for children in the first years of Soviet power in Turkistan (1917-1919). D. M. Nizarov. *Sbor. nauki i trud. Turk. MII* 27:161-171 '65

TURKISTAN—HISTORY

Nusupbekov, Akmal, and Khamid Bichenov. [Jalaliddin of history and the historical truth] *Talifkhat chikhi* 111 *istoricheskaia pravda*. Almaty, Kazakhstan, 1964 217 p.

TURKISTAN—SOA PROOF

Zakhov, K. Z., I. N. Mollin, and S. Kh. Chervenets. [Scape of Turkistan, its biology and the method of introducing it into culture] *Turkistan* *biologicheskii voprosy biologicheskii vvedeniya v kul'turu*. *Izvestiya Izd-vo "Nauka" UzSSR*, 1965, 107 p. (DINAI)

TURKIC LANGUAGES—VOWELS

Cherlinskii, M. A. [Turkic vocalism and vowel harmony, an historical and typological study] *Turkiki vokalizm i lingvistik, opyt istoriko-tipologicheskogo issledovaniia*. Moskva, Nauka, 1965, 141 p.

TURKISH LITERATURE—HISTORY AND CRITICISM

We must be successful on all fronts. *Asya Nasha*. A. I. Afriyev. 9 no. 10:32-33 O '65

TURKMENISTAN—COMMUNIST PARTY OF THE SOVIET UNION

Ovezov, B. [Along Lenin's path; the fourth anniversary of the Turkmen S. S. R. and the Communist Party of Turkmenistan] *Po turkmenkomu puti, zamechatel'naya Turkmenistat SSR i Kommunisticheskaia partiia Turkmenistana*. Ashkhabad, Turkmenizdat, 1961, 206 p. (40 let TSSR)

TURKMENISTAN—EDUCATION

Kurbatov, A. A., and O. D. Koz'min. [40 years along Lenin's path in the field of public education in Turkmenistan] *40 let po puti Lenina v oblasti narodnogo obrazovaniia v Turkmenistane*. Pod red. M. D. Annakulova. Ashkhabad, Izd-vo "Turkmeniston", 1965, 211 p.

TURKMENISTAN—EVENING AND CONTINUATION SCHOOLS

Education of workers at the technical schools of Turkmenia. Kh. Muradov. *Sred. spets. shk.* 12 no. 26-27 S '65

TURKMENISTAN—HISTORY

Ovezov, B. [Along Lenin's path; the fourth anniversary of the Turkmen S. S. R. and the Communist Party of Turkmenistan] *Po turkmenkomu puti, zamechatel'naya Turkmenistat SSR i Kommunisticheskaia partiia Turkmenistana*. Ashkhabad, Turkmenizdat, 1961, 206 p. (40 let TSSR)

TURKMENISTAN—OIL WELLS—HYDRAULIC FRACTURING

Solomatin, G. G. [Hydraulic fracturing of strata; practices of the petroleum workers of Turkmenistan] *Gidravlicheskie razryvy plasty*. opyt neftekhim. Turkmenii. Ashkhabad, Turkmenizdat, 1961, 64 p.

TURKMENISTAN—STARLINGS

Starling *Sturnus vulgaris*, a new bird species of the U. S. S. R. A. K. Runtanov and others. *Zool. zhurn.* 44 no. 6:940-941 '65

TURNER, GENDRIKH IVANOVICH, 1850-1941

Novozhilov, D. A. [G. I. Turner's remarkable life] *Zamechatel'naya zhizn' G. I. Turnera*. [Leningrad] Meditsina, 1965, 142 p.

TURNING

Finish turning of the 45Cr17Ni3 low-magnetic steel. IU. M. Korobov. *Izv. vuzovskikh zav. i mashinost.* no. 8:107-106 '65

TURNING—PRODUCTION STANDARDS

Why bench marks are not applied. P. Sobolev. *Izv. danov. Sots. trud* 10 no. 10:107-114 '65

TURNOVER OF LABOR—see Labor turnover

TURUKHAN VALLEY—BOTANY—ECOLOGY

Brief description of the vegetation of the middle of the Turukhan River basin. M. P. Pliginskaya. *Botan. zhurn.* 50 no. 6:55-73 '65

TUTURA VALLEY—INSECTIVORA

Distribution and biology of insectivores and predators in the taiga of the upper Lena Valley. G. A. Vasil'eva, N. E. Reimer. *Dokl. Inst. geog. Sib. I. Imp. Vost.* no. 2:35-46 '62

TUTURA VALLEY—RODENTS

Distribution and biology of insectivores and rodents in the Turga of the upper Lena Valley. G. A. Voronov, N. I. Reimann, Dokl. Akad. Nauk SSSR, 1965, no. 2, 75-76.

TUVA A. S. S. R.—BAKERIES

In the bakery of the Tuva A. S. S. R. 5 D. Khryzlov, Khleb. i konf. prom., 9 no. 10-13 O '65.

TUVA A. S. S. R.—DESCRIPTION AND TRAVEL

Obruchev, S. V. [In the heart of Asia] V sezdise Azii, Moskva, Mysl', 1965 126 p.

TUVA A. S. S. R.—FUNGI

Mycoflora of Tuva. T. V. Zhukina Trudy TSSSR no. 10 129-133 '65.

TUVA A. S. S. R.—GEOLOGY, STRATIGRAPHIC

Stratigraphy of the Tertiary continental sediments of Tuva in Central Asia. V. N. Krestnikov, G. I. Reimann, Dokl. AN SSSR 161 no. 6 1374-1381 O '65.

TUVA A. S. S. R.—SNIPES

Asian snipe *Capella stenura* Bp. in Tuva. D. I. Beiman, I. F. Kuz'min, Ornithologia no. 7 209-216 '65.

TUZYMAZ Y OIL FIELD—OIL RESERVOIR ENGINEERING

Permeability of lithologically uniform sandstone in bed D₁ of the Tuymazy oil field. Y. I. Kotikhov, Yu. S. Melnikova, V. P. Uchuk, Neftprom, delo no. 6 7-9 '65.

TUZYMAZ Y OIL FIELD—PETROLEUM PRODUCTION

Using vitrified pipes in the control of paraffin sedimentation in beam well exploitation. A. T. Timanbev, Neftprom, delo no. 6 26-27 '65.

TVARDOVSKI, ALEKSANDR TRIFONOVICH, 1910-

Second encounter with Terkin; on a new poem by A. Tvardovskii. V. Orlov, Lit. i sov., no. 5 326-332 '64.

TVER GOVERNMENT—REVOLUTION OF 1905

The struggle of the Bolsheviks for the establishment of revolutionary peasant committees in 1905. M. M. Konstantinov, Vop. ist. KPSS 9 no. 11 40-50 N '65.

TWINS

Acute leukemia in twins. V. P. Shapet'ko, Probl. genet. i pered. krov. no. 5 54-56 '65.

TWIST DRILLS

Drill for machining deep holes in aluminum alloys. I. U. P. Gribkov, A. I. Zharikov, I. P. Sinykin, Stan. i Inst., 36 no. 9 36-37 S '65.

TWIST DRILLS—TESTING

Investigating alloys in drills. A. N. Roznikov, M. D. Smirnov, G. G. Ashkin, Stan. i Inst., 36 no. 9 30-33 S '65.

2, 4-D

Effect of various herbicides on the protein nitrogen content in the grain of field crops cultivated on Chernozem and turf-Podzolic soils. V. A. Alabambev, Nauch. dokl. vyssh. shkoly, biol. nauki no. 4 163-166 '65.

Interaction of plants and herbicides. M. I. Berezovskii Khim. v sel' khov. 3 no. 9 40-47 S '65.

TYMPANAL ORGAN—DISEASES

State and clinical importance of the reactivity of the organism in chronic suppurative inflammation of the middle ear. G. G. Aelolanin, Zhur. eksp. i klin. med., 2 no. 6 93-104 '62.

TYPE AND TYPE FOUNDING

New types. V. V. Verin, Poligrafia no. 8, 10-41 Ag '61.

TYPE AND TYPE FOUNDING—STANDARDS

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov, [Printing types, based on Russian and Latin graphic principles, their classification, indexing, and assortment] Shriity tipografskie na russkoi i latinskoi graficheskikh osnovakh, klassifikatsiya, indeksatsiya, assortiment (GOST 3489-57). Izd. offtsiat'nou, Moskva, 1958. 34 p.

TYPESETTING

Assembly-line production of completed kinds of typesetting. S. R. Tashman and others Poligrafia no. 8: 22-24 Ag '61.

Method of reproducing a text with the aid of photographic negative types. A. Aleksho Poligrafia no. 4 22-28 Ap '65.

TYPESETTING MACHINES

Eliminating breakdowns in linotype composing machines. P. I. Khuzov, Poligrafia no. 8, 41-41 Ag '64.

TYPEWRITING—STUDY AND TEACHING

Beierin, B. I. [Typing self-taught] Samouchitel' mashinopisi, Izd. 2., ispr. i dop. Moskva, Izd-vo "Kniga," 1965. 157 p.

TYPHOID FEVER

Effect of cholecystitis and angiocholitis on the course of typhoid and paratyphoid diseases. A. P. Kazantsev, Sov. med., 28 no. 3 85-89 Mr '65.

Results of treatment of nonrecurrent typhoid fever. A. A. Gerasova, U. G. Ganlev, Sbor. nauch. trud. TashGMI 23:105-190 '62.

TYROGLYPHIDAE see subdivision under Abkhazia

TYROSINE

Effect of cortisone and betaminc on the oxidation of tyrosine in the liver of mice with experimental leukemia. A. I. D'achova, Vop. med. khim. 11 no. 1 81-85 Ja-F '65.

TYSHLER, ALEKSANDR GRIGOR'EVICH

Moscow, Tsentral'nyi dom literatury. [Aleksandr Grigor'evich Tyshler, outstanding artist of the Uzbek S. S. R., state prize laureate; an exhibition of his sketches for Shakespeare performances. A catalog] Grigor'evich Tyshler, rasluzhennyi deiatel' iskusstv Uzbekskoi SSR, laureat gosudarstvennoi premii; vystavka eskizov k Shakespearevskim spektakljam Katalog, Moskva, 1964. 20 p., illus. (MH)

TYUMEN' PROVINCE—INSECTS, INJURIOUS AND BENEFICIAL—CONTROL

Cost and economic effectiveness of measures for controlling bloodsucking insects infesting cattle. V. I. Bukestynov, Trudy VNIIVS 24:326-331 '64.

TYUMEN' PROVINCE—MOSQUITOES—EXTERMINATION

Practices in the early spring extermination of the larvae of mosquito biotopes in pastures of the forest-steppe zone in Tyumen' Province. V. I. Bukestynov, Trudy VNIIVS 24:322-325 '64.

TYUMEN' PROVINCE—ROAD CONSTRUCTION

Efficient construction of automobile roads in petroleum and gas districts of Tyumen' Province. A. T. Syrov, Stroitel'stvo prov. 10 no. 10, 1-5 O '65.

UBINSKOYE REGION (NOVOSIBIRSK PROVINCE)—SOIL FUNGI

Mycologic characteristics of soils of the Ubinskoye Experimental and Land Improvement Station. I. N. Gribchenuk, Trudy TSSSR no. 10 124-128 '65.

UBIQUINONE METABOLISM

Certain aspects of interrelation in the metabolism of ubiquinone, cholesterol, and vitamin A. K. M. Leuts'kil, IE. M. Lubovych, Ukr. biokhim. zhur. 37 no. 5 742-750 '65.

UBIQUINONES

Determination of the content of ubiquinone in the tissues and mitochondria of the liver in rats. G. V. Donchenko, Vop. med. khim., 11 no. 2 78-82 Mr-Apr '65.

UDDER

Inheritance of the number of teats in the interspecific hybridization of wild with domestic swine. P. A. Es'kov, Trudy Inst. eksp. biol. AN Kazakh. SSR 21:37-46 '65.

Judging herd bulls on the basis of the inheritance of the form and characteristics of the udder in their daughters. V. M. Kozellin, V. V. Stasikov, Vestn. AN BSSR, Ser. sel'skosp. nav. no. 2 104-110 '65.

UDDER—DISEASES

Effect of milking apparatus and units on the mammary glands in cows. I. I. Bakov, Veterinaria 12 no. 10 63-65 O '65.

UDMURT A. S. S. R.—TEACHERS, TRAINING OF

Department of pedagogics and psychology of the Udmurt Pedagogical Institute works with teachers to improve lesson efficiency. N. R. Kasatkin, Uch. zap. Chuv. gos. ped. inst. no. 16 52-55 '63.

Work of the Institute for Raising the Qualifications of Teachers and School Supervisors. V. T. Kharitonov, Uch. zap. Chuv. gos. ped. inst. no. 16 23-32 '63.

UGLICH (YAROSLAVL PROVINCE)—BAKERIES

New bakery in Uglich. V. F. Shilova, Khleb. i kond. prom., 9 no. 6 42-43 Je '65.

UGLICH (YAROSLAVL PROVINCE)—PHYSICALLY HANDICAPPED—REHABILITATION

We visit our physically handicapped at home. N. Rubev, Sots. obshp., 26 no. 10 38-42 O '65.

UIGUR LITERATURE—HISTORY AND CRITICISM

Formation Rabit Izme-Ogly. Vop. lit. 9 no. 10 241-242 O '65.

UKHTOMSKI, ALEKSEI ALEKSEEVICH, 1875-1942

90th anniversary of Academician A. A. Ukhtomskii's birth. V. L. Merkulov, Vest. AN SSSR 35 no. 10 131-133 O '65.

UKRAINE

Sontsov, Dmytro, [From mysticism to politics] Vid mistyky do polityky, Toronto, Spilka vyzvolennia Ukrainy, 1957. 61 p. (CtY)

UKRAINE—ACCLIMATIZATION (PLANTS)

Winter damages to trees in the process of acclimatization. I. V. Borzakova, T. K. Maika, Ukr. bot. zhur. 22 no. 5 22-30 '65.

UKRAINE—AESTHETICS

Romanenko, V. T. [The truth of life, collection of articles on aesthetics] Pravda zhytla, zbirnyk statei z estetky, Kyiv, Dnipro, 1964. 168 p. (NN)

UKRAINE—AGRICULTURAL MACHINERY INDUSTRY

The role of the working class of the Ukrainian S. S. R. in the material and technical development of the virgin land areas of Kazakhstan, 1954-1962. D. I. Ukhnovych, Ukr. ist. zhur. 8 no. 3 57-62 My-Je '64.

UKRAINE—AGRICULTURAL WORKERS

The Ukrainian Committee of the Poor. M. D. Berezovchuk, Ukr. ist. zhur. 8 no. 3 114-116 My-Je '61.

UKRAINE—AGRICULTURE

Propaganda and inculcation of progressive methods in agriculture, 1953-1963. V. V. Horak, Ukr. ist. zhur. 8 no. 3 50-57 My-Je '64.

Urgent work program, O. Koval', Ekon. Rad. Ukr. 8 no. 5 19-18 My '65.

UKRAINE—ALIMONY

Recovery procedure of alimony needs revision. V. Pohorilko, D. Kyayluk, Rad. pravo 28 no. 7 65-67 O '65.

UKRAINE—ANTHRACITE COAL

Expanding the use of pits for coal mining in the Antratsit Trust mines. I. V. Morozov, A. I. Sokolov, Ugol' Ukr. 9 no. 10 1-8 O '65.

UKRAINE—ARBITRATION AND AWARD—CASES

Arbitration practice. Rad. pravo 28 no. 7 105-106 O '65.

UKRAINE—ARCHAEOLOGICAL RESEARCH

Odessa Derzhavnyi arkhеологічний музей [Brief information on the archaeological field explorations of the Odessa State Archaeological Museum in 1961] Kratkie soobshcheniya o polevykh arkhеологіческих issledovaniyakh Odesskogo gosudarstvennogo arkhеологіcheskogo muzeia 1961 goda [Odessa] Odesskoe knizhnoe izdatel'stvo, 1963 150 p.

UKRAINE—ARCHAEOLOGY

The Second Ukrainian Conference on Archival Studies and Other Special Historical Sciences. I. L. Butych, Ukr. ist. zhur. 9 no. 8 149-151. Ag '65.

UKRAINE—ARCHIVES

The Second Ukrainian Conference on Archival Studies and Other Special Historical Sciences. I. L. Butych, Ukr. ist. zhur. 9 no. 8 149-151. Ag. '65.

UKRAINE—ART INDUSTRIES

Decorative drawing on the motives of Ukrainian folk art. E. K. Doshk, vosp., 38 no. 7 19 Ji '65.

UKRAINE—ATMOSPHERIC TEMPERATURE

Temperature regime of the atmosphere in periods with dry winds in the Ukraine. V. A. Volovakha, Trudy Ukr. NIGMI no. 52 38-41 '65.

UKRAINE—BACTERIA, SILICATE

Use of silicate bacterin in the steppe zone of the Ukraine. IU. Kudzin, I. A. Oshevykh, Mikrobiol. zhur. 26 no. 4 90-91 '64.

UKRAINE—BLOOD—COLLECTION AND PRESERVATION

Some results of and prospects for blood transfusion services in the Ukraine. S. S. Lavrik, Klin. khir. no. 2 13-17 '65.

UKRAINE—BOOKSELLERS AND BOOKSELLING

Ways of books, straight and winding. Komm. Ukr. 49 no. 10 29-37 O '65.

UKRAINE—BOTANY—CONGRESSES

Geobotanical reports at the Second Ukrainian Conference on Flash Floods (Lvov, December 16-18, 1964). I. M. Berko, Ukr. bot. zhur. 22 no. 4 113-115 '65.

UKRAINE—CANNING INDUSTRY

New types of canned food introduced by Ukrainian enterprises. P. T. Sulmenko, N. V. Zaitseva. Koms. i sp. prom. 20 no. 7:11-15 Ji '65

UKRAINE—CASTOR BEAN

Sowing castor crops on stubble in the southern steppe of the Ukraine. V. A. Ivanov, A. P. Moroz. Dokl. Akad. nauk Ukr. SSR no. 9:1-4 S '65

UKRAINE—CEMENT INDUSTRIES

Additional means for increasing cement production. IU. H. Zhenko, S. F. Rubliuk. Ekon. Rad. Ukr. 8 no. 5:37-41 My '65

UKRAINE—CHEMISTRY, FORENSIC

Utilize the expert evidence possibilities available in forensic chemistry. V. Chubenko. Rad. pravo 28 no. 7:29-31 O '65

UKRAINE—CIVILIZATION

Hutians'ki, S. K. [V. I. Lenin and cultural building in the Ukraine] V. I. Lenin i kul'turne budivnytstvo na Ukraini. Kyiv, Naukova dumka, 1965 195 p. (CST-II)

UKRAINE—CLEFT PALATE

Organization of dispensary service and early compound treatment of children with congenital harelip and cleft palate in the right-bank of the Ukraine. I. A. Rakhsha. Probl. chel.-ist. khir. no. 1:97-101 '65

UKRAINE—CLERKS (RETAIL TRADE)

Recruits for labor turnover. L. Kovalev. Sov. toig 39 no. 10:22-25 O '65

UKRAINE—COAL MINES AND MINING—STATISTICS

Coal industry of the Ukraine in the first half of 1965. Ugol' Ukr. 9 no. 10:55-56 O '65

UKRAINE—COKE INDUSTRY

Coal as the basic raw material for the by-product coke industry in the Ukraine. V. A. Letes. Ugol' Ukr. 9 no. 10:6-9 O '65

UKRAINE—COLLECTIVE FARMS—INTERFARM CO-OPERATION

Consider economic advantages. L. Iurhen. Ekon. Rad. Ukr. 9 no. 3:55-58 My '65.
Progressive movement. I. Babits'ki. Ekon. Rad. Ukr. 8 no. 5:52-54 My '65

UKRAINE—COMMUNIST EDUCATION

Satisfy all the needs of the students. S. Zhurba. Komm. Ukr. 40 no. 10:33-34 O '65

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION

From the history of the party organization in the Ukraine, 1933-1936. IU. V. Babko. Ukr. ist. zhur. 9 no. 9:73-81 Ag '65

Measures of the party organization of the Ukraine improving the fodder supply for stockbreeding, 1953-1958. H. A. Borovikov. Ukr. ist. zhur. 8 no. 3:81-82 My-Je '64

Organization and activity of the party underground in southern Ukraine, 1941-1945. V. M. Nemiatyi. Ukr. ist. zhur. 8 no. 3:95-104 My-Je '64

Party activities in the Ukraine during the years of the Great Patriotic War, 1942-1945. M. O. Butsk'o. Ukr. ist. zhur. 8 no. 3:24-34 My-Je '64

Ties between the Ukrainian and Polish historians of the party. A. D. Iaroshenko. Ukr. ist. zhur. 8 no. 3:151-152 My-Je '64

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Propaganda and inculcation of progressive methods in agriculture, 1953-1963. V. V. Horak. Ukr. ist. zhur. 8 no. 3:50-57 My-Je '64

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—PURGES

Execution of the purge in the ranks of the Communist Party of the Ukraine in 1933 and 1934. IU. V. Babko. Ukr. ist. zhur. 8 no. 3:94-99 My-Je '64

UKRAINE—COMRADES COURTS

Community tribunals. V. Kul'chevych, M. Kolesnikov, P. Kuz'menko. Rad. pravo 28 no. 7:23-24 O '65

UKRAINE—CONSTRUCTION INDUSTRY—PRODUCTION STANDARDS

Economics, tempo, quality. S. Tutushenko. Stroit. arkh. 13 no. 9:2-3 S '65

UKRAINE—CONTRAVENTIONS (CRIMINAL LAW)

The elements of place, time, manner and means of the perpetration of an administrative offense. E. Dodin. Rad. pravo 28 no. 7:55-58 O '65

UKRAINE—COOPERATIVE SOCIETIES

Classification of cooperative bakeries. S. A. Tikhon. Tsekh. i prod. prom. 9 no. 6:25-26 Ju '65

UKRAINE—CORN (MAIZE)

Sowing corn crops on stubble in the southern steppe of the Ukraine. V. K. Ivanov, A. P. Moroz. Dokl. Akad. nauk Ukr. SSR no. 9:1-4 S '65

UKRAINE—CORN-HANDLING MACHINERY—TECHNOLOGICAL INNOVATIONS

Reconstruction of corn-handling continuous lines into multi-purpose ones. A. Gudlin, B. Melnik. Zakup. sel'khoz. prod. no. 5:35-38 My '65

UKRAINE—COURTS

In the Supreme Court of the Ukrainian S. S. R. Rad. pravo 28 no. 7:112 O '65

UKRAINE—CRIMINAL PROCEDURE

It is the prerogative of the procurator to lodge protests against court decisions if they are mild. D. Sushko. Rad. pravo 28 no. 7:48-51 O '65

UKRAINE—CULTURE

The role of socialist culture in the ideological mobilization of Ukrainian workers in the initial period of the Great Patriotic War. M. V. Kovalev. Ukr. ist. zhur. 9 no. 8:59-65 Ag '65

UKRAINE—CYCLONES

Quantitative indexes of the development and stationing of areas of high pressure over the Ukraine. M. IU. Kulakovskaya. Trudy Ukr. NIGMI no. 52:16-23 '65

UKRAINE—DIPLOMATIC AND CONSULAR SERVICE

Diplomatic service in the Ukraine during the period of the liberation war of 1948-1954. P. P. Shevchenko. Ist. dzhur. ta ikh vyk. no. 1:81-113 '64

UKRAINE—DOMESTIC RELATIONS

Suggestions concerning family law. M. Olyderha. Rad. pravo 28 no. 7:14-18 O '65

UKRAINE—DRAINAGE

Conference of land improvement engineers in Satny. V. I. Antonov. Glbi. i mel. 17 no. 9:50-61 S '65

UKRAINE—DUST STORMS

Atmospheric characteristics of the atmosphere in periods of dust storms. V. V. Tolstetskaia. Trudy Ukr. NIGMI no. 52:31-62 '65.
Dust storms in the Ukraine. V. N. Babichenko. Trudy Ukr. NIGMI no. 52:45-53 '65

UKRAINE—EARTH TEMPERATURE

Heat balance of the underlying surface of the steppe zone of the Ukraine in various types of weather. L. I. Sakul, R. V. Nadelaeva. Trudy Ukr. NIGMI no. 52:1-15 '65

UKRAINE—ECONOMIC CONDITIONS

[Warmth of the native land] Teplo bat'kiva'kol zemli. Kyiv, Tovarystvo kul'turnykh zvl'azkv z ukrainskamy za kordonom URSR, 1965. 93 p.

UKRAINE—ECONOMICS—STUDY AND TEACHING

Taking into account new demands. I. Kuz'ov'ko. Komm. Ukr. 40 no. 10:85-86 O '65

UKRAINE—EDUCATION—CONGRESSES

First summit conference of educators. N. Leshchenko. Rad. shk. 44 no. 6:107-110 Je '65

UKRAINE—EROSION—CONGRESSES

Geobotanical reports at the Second Ukrainian Conference on Flash Floods (Lvov, December 18-19, 1964). I. M. Berko. Ukr. bot. zhur. 22 no. 4:113-115 '65

UKRAINE—ETHNOLOGY

Nauko, V. I. [Ethnic composition of the population of the Ukrainian S. S. R., a statistical and cartographic study] Etnichnyi sklad naselennia Ukrainy'kol RSR; statystyko-kartografichne doslidzhennia. Kyiv, Naukova dumka, 1965. 134 p. maps (in pocket)

UKRAINE—EUROPEAN WAR, 1914-1918

First conference of the Communist organizations of the provinces occupied by Germany, October 1918. G. L. Nikol'snikov. Vop. ist. KPSS 9 no. 11:70-87 N '65

UKRAINE—EVIDENCE, CRIMINAL

The burden of proof and the character of evidence at the stage of court hearing. V. Piv'ko. Rad. pravo 28 no. 7:52-54 O '65

UKRAINE—EVIDENCE, EXPERT

Utilize the expert evidence possibilities available in forensic chemistry. V. Chubenko. Rad. pravo 28 no. 7:29-31 O '65

UKRAINE—FARM BUILDINGS—FIRES AND FIRE PREVENTION

Saying "no" to farm fires. P. Omel'chenko. Pozh. dolo no. 8:20 S '65

UKRAINE—FIELDS

Measures of the party organization of the Ukraine improving the fodder supply for stockbreeding. H. A. Borovikov. Ukr. ist. zhur. 8 no. 3:81-82 My-Je '64

UKRAINE—FIELD CROPS—FERTILIZERS AND MANURES

Practices of collective farms in the use of fertilizers. I. Z. Polubavko, I. G. Demchenko. Zemledelie no. 11:58-60 N '65

UKRAINE—FOOD INDUSTRY

Satisfy every-day needs of the population better. I. Ikon. Rad. Ukr. 8 no. 6:3 O My '65

UKRAINE—FOUNDING

Potentialities of founding production. V. H. Lutsenko, D. Lutsenko, V. T. Olanovskiy. Ekon. Rad. Ukr. 8 no. 5:29-33 My '65

UKRAINE—FRONTS (METEOROLOGY)

Frequency of atmospheric fronts in the steppe zone of the Ukraine. A. N. Rukavishnik. Trudy Ukr. NIGMI no. 52:28-30 '65

UKRAINE—FUNGI, PATHOGENIC

Data on the study of entomopathogenic fungi in the Ukraine. I. Z. Kovalev. Ukr. ist. zhur. 9 no. 8:59-61 '65

UKRAINE—FURNITURE

Set of furniture for small family apartments for 1-2 persons. The contact print method. A. S. Kuchuk. Ist. i tekhn. prom. no. 1:29-31 Ju-Ju '65

UKRAINE—FURNITURE INDUSTRY

Republic-wide conference of the workers of the furniture industry in the Ukraine. P. S. Shevchenko. Ist. dzhur. ta ikh vyk. no. 1:40-51 Ju-Ju '65

UKRAINE—GAS WELDS, DRILLING, ELECTRIC

Using electric bits for drilling oil and gas wells. I. Z. Kovalev, M. I. Ivanovskiy. Burat. no. 10:1-11 '65

UKRAINE—GLASSWARE

Improving the quality of glassware. V. I. Lutsenko. Tekhn. prom. no. 1:20-23 Ju-Ju '65

Ukrainian conference on the improvement of the quality and expansion of the assortment of glass, porcelain and faience goods. V. S. Puchko. Tekhn. prom. no. 1:20-23 Ju-Ju '65

UKRAINE—GRAIN—COSTS

Reduce the cost of grain. I. P. Pavlovskiy. V. I. Ikon. Rad. Ukr. 8 no. 6:12-14 N '65

UKRAINE—GUIDEBOOKS

Zavili, P. V., and H. S. Hoshchko. [Not acquainted with the Ukraine] Poznavalnyi z Ukrainy. [Kyiv] Mystetstvo [1964] 1 v. chiefly illus.

UKRAINE—HARELIP

Organization of dispensary service and early compound treatment of children with congenital harelip and cleft palate in the right-bank of the Ukraine. I. A. Rakhsha. Probl. chel.-ist. khir. no. 1:97-101 '65

UKRAINE—HISTORICAL GEOGRAPHY

Successful completion of the book "History of the cities and villages of the Ukrainian S. S. R." Ukr. ist. zhur. 8 no. 3:109-110 My-Ju '64

UKRAINE—HISTORICAL GEOGRAPHY—MAPS

Thorough representation of socioeconomic history of the atlas. D. P. Vyrnyk. Ukr. ist. zhur. 8 no. 3:111-112 Ag '65

A valuable suggestion. I. H. Shovkoplians. Ukr. ist. zhur. 8 no. 9:95-96 Ag '65

UKRAINE—HISTORICAL RESEARCH

A valuable suggestion. I. H. Shovkoplians. Ukr. ist. zhur. 8 no. 9:95-96 Ag '65

UKRAINE—HISTORIOGRAPHY

Ukrainian archaeography in the 17th and 18th centuries. I. D. Isakovych. Ist. dzhur. ta ikh vyk. no. 1:171-175 '64

UKRAINE—HISTORY

Demchenko, M. I. [Sixth Guerrilla Unit] Shostakovich's sketch. Moskva, Voenizdat, 1964. 253 p. (Voenno-memoriy) (MH)

Korchmar'yk, F. B. [Kiev's spiritual and intellectual influences on Moscow in the era of the Ukrainian Hetmanate] Dukhovni vplyvy Kyieva na Moskovshchynu i shch dohu Hetmana'kol Ukrainy. New York, Vyd. Naukovo-tov. im. Shovel'chenka, 1964. 146 p. [Biblioteka ukrainskoznavstva, no. 14] (NN)

UKRAINE—HISTORY—CHRONOLOGY

Compilation of a scholarly chronology of Ukrainian history of the Soviet period. V. P. Sydorchuk. Ist. zhur., ta ikh vyk., no. 1210-217 '64.

UKRAINE—HISTORY—SOURCES

Collection of documents as a source for the study of special historical disciplines. L. A. Protsenko, Ist. zhur., ta ikh vyk., no. 152-62 '64.

Diplomatic service in the Ukraine during the period of the liberation war of 1918-1921. P. P. Shychenko. Ist. zhur., ta ikh vyk., no. 141-117 '63.

From historical commentaries to the works of T. II. Shychenko. A. Z. Baraboi. Ukr. ist. zhur., 8 no. 3: 101-107 My-Je '64.

Nomenclatures in the works on the early history of eastern Slavic tribes. M. IU. Hryshchuk. Ist. zhur., ta ikh vyk., no. 1331-136 '64.

UKRAINE—HISTORY—STUDY AND TEACHING

The teaching of history in secondary correspondence schools. O. U. Verkhovnyi. Ukr. ist. zhur., 8 no. 3: 111-112 My-Je '64.

UKRAINE—HISTORY, MILITARY—BIBLIOGRAPHY

Ripetsky, Stepan. [Bibliography of sources on the history of the Ukrainian Sich Rifleman.] Bibliografiia dzhur. do istorii Ukraïns'kykh Sichovykh Stril's'tiv. New York, Vydavnycha Komisiiia Bistatca USSR, 1965, 115 p.

UKRAINE—HUNTING

[Hunting in the Ukraine] Oskota na Ukraini. 3, 1zd. Kiev, Gos. izd-vo sel'khoz. lit-y USSR, 1959. 320 p. (2xU)

UKRAINE—ICE

Glaciers in the Ukraine. I. S. Rozova. Trudy Ukr. NIGMI no. 52:63-69 '65.

UKRAINE—INDUSTRIES

In the Ukrainian National Economic Council. N. Babarenko. Ekonom. Rad. Ukr., 8 no. 5:92 My '65.

UKRAINE—INVESTMENTS, FOREIGN

Foreign investments in the metallurgy of southern Ukraine. IU. P. Lavrov. Ukr. ist. zhur., 8 no. 3:66-74 My-Je '64.

UKRAINE—IRON AND STEEL PLANTS

Technical and economic indices of the operation of open-hearth furnaces in the metallurgical plants of Ukraine for the half of 1965. Mot. i gornorud. prom., no. 4: 32 Ji-Ag '65.

UKRAINE—LABOR AND LABORING CLASSES

Conference of workers and peasants not affiliated with the party held in 1920. M. K. Koliyuk. Ukr. ist. zhur., 8 no. 3:63-66 My-Je '64.

UKRAINE—LABOR AND LABORING CLASSES—STATISTICS

Danban, M. V. [Labor statistics in industry.] Statystyka pratsi v promystovosti. Kyiv, Naukova dumka, 1965. 201 p.

UKRAINE—LAND TENURE—LAW

Classification of land law. S. Bytyl. Rad. pravo 20 no. 7:62-64 O '65.

UKRAINE—LAW—CASES

Practice of procuratorial supervision. Rad. pravo 20 no. 7:103-104 O '65.
Practice of the Supreme Court of the Ukrainian S.S.R. Rad. pravo 28 no. 7:99-102 O '65.

UKRAINE—LAY JUDGES

Toward the elections of people's judges. V. Zolotnik. Rad. pravo 28 no. 7:3-8 O '65.

UKRAINE—LEAF ROLLERS

Studying the breeding grounds of pine shoot moths. V. Bednyi. Zashch. rast. ot vred. i kol. 10 no. 7: 25-26 '65.

UKRAINE—LIBEL AND SLANDER

Protection of honor and dignity under civil law. M. Prydvorov, M. Naumenko. Rad. pravo 20 no. 7:32-36 O '65.

UKRAINE—LIBRARIES

Dorzhyna Istorychna biblioteka UKR. [Study of local lore in libraries; from work practices.] Istorychna biblioteka; z dosvidu raboty. Kyiv, Politychny Ukrainy, 1965. 39 p. (Na dopomohu bibliotekarovi)

UKRAINE—MACHINERY INDUSTRY

Investigators suggest: take care! Ekon. Rad. Ukr., 8 no. 5:70-01 My '65.

UKRAINE—MANGANESE MINES AND MINING

Main trends in the technology of strip mining in the mines of the Pokrovskiy Mining and Ore Dressing Combin. M. G. Novozhilov and others. Mot. i gornorud. prom., no. 4:60-64 Ji-Ag '65.

UKRAINE—MANUFACTURES

Production potentials of the light industry of the Ukrainian S.S.R. R. V. Dzida, K. M. Kuznetsov. Izh. prom., no. 2:3-6 Ap-Je '65.

Satisfy every-day needs of the population better. Ekon. Rad. Ukr., 8 no. 5:3-8 My '65.

UKRAINE—MANUFACTURES—TECHNOLOGICAL INNOVATIONS

Application of the recommendations of the Scientific and Technical Society in the enterprises of the light industry of the Ukrainian S.S.R. M. M. Ivanov. Izh. prom., no. 2:21-27 Ap-Je '65.

UKRAINE—METALLURGY

Foreign investments in the metallurgy of southern Ukraine. IU. P. Lavrov. Ukr. ist. zhur., 8 no. 3:66-74 My-Je '64.

UKRAINE—METEOROLOGY, AGRICULTURAL

Dependence of the sunflower crop on precipitation and soil moisture in the different vegetation periods in the Ukraine. P. I. Mluskai. Trudy TSIP no. 145:132-136 '65.

Meteorologic regime of winters unfavorable for the wintering of farm crops in the Ukraine. I. B. Chaka. Trudy Ukr. NIGMI no. 52:77-87 '65.

UKRAINE—MINERS

Mironov, V. V. [Culture and mode of life of miners in the Soviet Ukraine.] Kul'tura i pobut hutyariv Radan's'kol' Ukrainy. Kyiv, Naukova dumka, 1965. 124 p.

UKRAINE—MOTION PICTURES IN EDUCATION

Art of cinematography and the training of children. L. V. Chashko. Rad. shkola 41 no. 10:56-62 O '65.

UKRAINE—OIL WELL DRILLING, ELECTRIC

Using electric bits for drilling oil and gas wells in the Ukraine. M. I. Baranovskii. Buznia no. 9:5-9 '65.

UKRAINE—PAPER INDUSTRY—RESEARCH

Scientific research at the Ukrainian Scientific Research Institute for the paper industry. Buz. prom., no. 5:27 Ag '65.

UKRAINE—PASTURES AND MEADOWS

Meadow formation on slopes. V. A. Cherkasova. Zemledolie 27 no. 11:39-40 N '65.

Pay more attention to meadows. D. V. Mekel. Zemledolie 27 no. 11:35-36 N '65.

Ways for the improvement of pastures. I. A. Prokhorov. Zemledolie 27 no. 9:57-60 S '65.

UKRAINE—PEACH

Biology of the peach flowering. T. V. Tkachenko, T. A. Vinova. Nauch. dokl. vys. shkoly, biol. nauki no. 4:133-135 '65.

UKRAINE—PEASANTRY

The collective farm peasantry in the Ukraine during the final period of the building of socialism, 1938-1941. L. L. Horvath. Ukr. ist. zhur., 8 no. 1:99-113 Ag '65.

Conference of workers and peasants not affiliated with the party, held in 1920. M. K. Koliyuk. Ukr. ist. zhur., 8 no. 3:63-69 My-Je '64.

UKRAINE—PHARMACY

Ways to improve the work of galenic pharmaceutical enterprises in the Ukraine. O. II. Vasylenko. Farmatsia, zhur., 20 no. 1:85-89 '65.

UKRAINE—PINE—DISEASES AND PESTS

Studying the breeding grounds of pine shoot moths. V. Bednyi. Zashch. rast. ot vred. i kol. 10 no. 7: 25-26 '65.

UKRAINE—POPULATION—MAPS

Population maps. V. I. Nauko. Ukr. ist. zhur., 8 no. 5:97-98 Ag '65.

UKRAINE—POTTERY

Ukrainian conference on the improvement of the quality and expansion of the assortment of glass, porcelain, and faience goods. V. S. Puchko. Izh. prom., no. 2: 80 Ap-Je '65.

UKRAINE—PRELIMINARY EXAMINATIONS (CRIMINAL PROCEDURE)

The burden of proof and the character of evidence at the stage of court hearing. V. Fin'ko. Rad. pravo 28 no. 7:52-54 O '65.

UKRAINE—PROBATION

Need to amend and supplement Sections 412, 413 and 360 of the Criminal Procedure Code of the Ukrainian S.S.R. V. Stepanov, K. Oshchad. Rad. pravo 28 no. 7:87-89 O '65.

UKRAINE—PRODUCT TRADE—PRICES

Urgent work program. O. Koval'. Ekon. Rad. Ukr., 8 no. 5:10-12 My '65.

UKRAINE—PROGRAMMED INSTRUCTION

Practice and prospects of programmed instruction in the Ukraine. Rad. shkola 41 no. 10:20-22 O '65.

Programmed instruction in vocational and technical schools. M. P. Puzanov. Rad. shkola 41 no. 10:23-27 O '65.

UKRAINE—PSEUDOMONAS

Study of Pseudomonas aptata in ovine and human agent of the acute bacterial infection in the Ukrainian S.S.R. L. V. Kuchenko. Mikrobiol. zhur., 27 no. 1:26-15 '65.

UKRAINE—PUBLIC PROSECUTORS

It is the prerogative of the procurator to lodge protests against court decisions if they are mild. D. Saito. Rad. pravo 28 no. 7:18-21 O '65.

Practice of procuratorial supervision. Rad. pravo 28 no. 7:103-104 O '65.

UKRAINE—RAPE

Qualification criteria of the crime of rape. IU. Alekhanov. Rad. pravo 28 no. 7:37-39 O '65.

UKRAINE—RECRUITING OF EMPLOYEES

Legal effect of a public appeal for the establishment of labor relations. H. Hoshchova. Rad. pravo 28 no. 7: 58-61 O '65.

UKRAINE—RELATIONS (GENERAL) WITH ARMENIA

Ukrainsko-armianska nauchna spetsia. 2d. Kiev and Lvov, 1964 [Historical contacts and friendship between the Ukrainian and Armenian peoples, collection of materials.] Ist. i literat. zbirka ukrainsko-armianskogo naukov. sborka materialov. Kiev, Naukova dumka, 1965. 182 p. (NIC) (McU)

UKRAINE—RELATIONS (GENERAL) WITH BOSNIA AND HERZEGOVINA

The Ukrainian public and the uprising in Bosnia and Herzegovina, 1875-1878. IU. IU. Pomin. Ukr. ist. zhur., 8 no. 6:31-33 Ag '65.

UKRAINE—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

The cultural and scientific relations of the Ukrainian S.S.R. with foreign countries during the years of the Great Patriotic War. M. V. Koval'. Ukr. ist. zhur., 8 no. 3:90-94 My-Je '64.

UKRAINE—RELATIONS (GENERAL) WITH UZBEKISTAN

Economic concord of national peoples. S. Zakhidov. Kom. i lit., 40 no. 10:56-58 O '65.

UKRAINE—REVOLUTION, 1917-1921

Aspects of the development of the Soviet regime in the Ukraine in 1919. I. K. Rybalin. Ukr. ist. zhur., 8 no. 6:117-119 Ag '65.

UKRAINE—RICE—WATER REQUIREMENTS

Water balance and water consumption rate of rice in the south of the Ukraine. I. S. Zhovtonog. Gliv. i mel. 17 no. 10:26-29 O '65.

UKRAINE—RUSSIAN SOCIAL DEMOCRATIC PARTY

Concerning the question of the number of Bolshevik organizations and groups in the Ukraine during the period of the Civil World War, July 1917-1 January 1919. M. T. Sydorchuk. Ukr. ist. zhur., 8 no. 6:22-31 Ag '65.

UKRAINE—SEALS (NUMISMATICS)

Documentary materials of the Central State Historical Archives of the Ukrainian S.S.R. in the city of Lvov as a source for the study of numismatics. O. V. Markevych. Ist. zhur., ta ikh vyk., no. 1:233-247 '64.
From the history of Ukrainian Soviet numismatics. I. S. Valukha. Ist. zhur., ta ikh vyk., no. 1:226-232 '64.

UKRAINE—SENTENCES (CRIMINAL PROCEDURE)

Need to amend and supplement Sections 412, 413 and 360 of the Criminal Procedure Code of the Ukrainian S.S.R. V. Stepanov, K. Oshchad. Rad. pravo 28 no. 7:87-89 O '65.

UKRAINE—SOIL CONSERVATION—LAWS AND LEGISLATION

Munihan, V. L. [Soil conservation law of the Ukrainian S.S.R.] Prava oshchona hruntiv Ukrainy'kol SSR. Kyiv, Naukova dumka, 1965. 87 p.

UKRAINE—SOLAR RADIATION

Astronomical characteristics of the atmosphere in periods of dust storms. V. V. Toriatska. Trudy Ukr. NIGMI no. 52:94-92 '65.

UKRAINE—SOYBEAN—DISEASES AND PESTS

Distribution of soybean diseases in the Ukraine. L. H. Bil'k. Mikrobiol zhur. 27 no. 5:40-45 '65.

Identification of soybean mosaic viruses in the Ukraine. L. H. Bil'k. Mikrobiol zhur. 27 no. 5:33-40 '65.

Pathogenic bacteria of soybean and the biology of its transmission. V. O. Gerasimchuk. Mikrobiol zhur. 26 no. 4:62-66 '64.

UKRAINE—STEEL INDUSTRY

Work as the "Zaporozhstal'" steelworkers do. IE, Ber-mant, M. Kuznetsov. Ekon. Rad. Ukr. 8 no. 5:66-69 My '65.

UKRAINE—STOCK AND STOCKBREEDING

Consider economic advantages. L. Turken. Ekon. Rad. Ukr. 8 no. 5:55-56 My '65.

UKRAINE—STONE INDUSTRY

Prospective exemplary plant. I. I. Moshkovskii. Put' i put. khoz. 9 no. 10:38-39 '65.

UKRAINE—STONECHAT

Distribution of stonechat in the Ukraine. N. I. Gavrilenko. Ornitologiya no. 7:463 '65.

UKRAINE—SUGAR BEET MACHINERY

Practices in growing sugar beets in southern areas of the Ukraine. V. Gerasimchuk. Tekhn. sel'khoz. 25 no. 6:11-14 Je '65.

UKRAINE—SUGAR BEETS—DISEASES AND PESTS

Study of Pseudomonas aptata Bru. et Jamieson, agent of the sugar-beet bacteriosis in the Ukrainian S. S. R. L. V. Kuvircenko. Mikrobiol zhur. 27 no. 5:26-35 '65.

UKRAINE—SUGAR INDUSTRY

Beginnings of the monopolization of the sugar industry in the Dniester right-bank areas of the Ukraine. H. M. Reiter. Ukr. ist. zhur. 8 no. 3:83-84 My-Je '64.

UKRAINE—SUNFLOWERS

Dependence of the sunflower crop on precipitation and soil moisture in the different vegetation periods in the Ukraine. P. E. Miuskii. Trudy TSIP no. 145:132-138 '65.

Sowing row crops on stubble in the southern steppe of the Ukraine. V. K. Ivanov, A. P. Horozv. Dokl. Akad. sel'khoz. nauk no. 9:1-4 S '65.

UKRAINE—TEACHING—CONGRESSES

All teachers should use progressive practices. I. S. Mushchenko. Rad. shk. 44 no. 6:110-111 Je '65.

UKRAINE—TILLAGE

Subsoiling in Chernozems. K. N. Demeshko. Zemledelie 27 no. 8:26-30 S '65.

UKRAINE—TOMATOES

Effect of hybrid seeds and growth promoting substances on the development and fall of reproductive organs in tomatoes. G. E. Usyk. Nauch. dokl. vyss. shkoly, biol. nauki no. 4:159-162 '65.

UKRAINE—VIRUS DISEASES OF PLANTS

Distribution of soybean viruses in the Ukraine. L. H. Bil'k. Mikrobiol zhur. 27 no. 5:40-45 '65.

Identification of soybean mosaic viruses in the Ukraine. L. H. Bil'k. Mikrobiol zhur. 27 no. 5:33-40 '65.

UKRAINE—WALNUT

Introduction of Juglans L. species into the left-bank forest steppe of the Ukrainian S. S. R. A. IE. Kenib. Ukr. bot. zhur. 22 no. 4:75-80 '65.

UKRAINE—WATER SUPPLY

Theoretical and practical aspects of the improvement of sanitary and hydrobiological regimen of the bodies of water in the Ukrainian S. S. R. S. P. Fedin. Gidrobiol. zhur. 1 no. 4:48-52 '65.

UKRAINE—WHEAT

Increase the production of strong varieties of wheat in the Ukraine. IU. Rakushnyi. Ekon. Rad. Ukr. 8 no. 5:42-47 My '65.

Preceding crops and the quality of grain. I. A. Samolevskii, O. P. Zhemeln, N. Sh. Kolobov. Zemledelie 27 no. 9:21-25 S '65.

UKRAINE—WHEAT—FERTILIZERS AND MANURES

Effect of rates and dates of the placement of nitrogen fertilizers on the yield and baking qualities of the grain of winter wheat. S. A. Verii, N. I. Mel'nikov. Agro-khimia no. 10:3-12 O '65.

The Ukraine. N. A. Fedorova. Zemledelie 27 no. 9:71-73 S '65.

UKRAINE—WINDS

Day winds in the Ukraine. N. V. Bova. Trudy Ukr. NIGMI no. 52:30-37 '65.

Temperature regime of the atmosphere in periods with dry winds in the Ukraine. V. A. Volodkha. Trudy Ukr. NIGMI no. 52:38-41 '65.

UKRAINE—WINTER

Meteorological regime of winters unfavorable for the wintering of fawn crabs in the Ukraine. I. B. Chalka. Trudy Ukr. NIGMI no. 52:77-87 '65.

UKRAINE—WOOD-USING INDUSTRIES

To the level of world standards. I. D. Boifanuk, M. G. Dobrovolskaia. Buma. i der. prom. no. 1:3-1 Jan-Mi '65.

UKRAINE—WORLD WAR, 1939-1945

The cultural and scientific relations of the Ukrainian S. S. R. with foreign countries during the years of the Great Patriotic War. M. V. Koval'. Ukr. ist. zhur. 8 no. 3:80-84 My-Je '64.

The role of socialist culture in the ideological mobilization of Ukrainian workers in the initial period of the Great Patriotic War. M. V. Koval'. Ukr. ist. zhur. 8 no. 5:59-65 Ag '65.

UKRAINE—WORLD WAR, 1939-1945—ECONOMIC ASPECTS

Party activities in the Ukraine during the years of the Great Patriotic War, 1942-1945. M. O. Butenko. Ukr. ist. zhur. 8 no. 3:24-34 My-Je '64.

The working class of the Ukraine during the years of the Great Patriotic War. M. Z. Daniluk. Ist. SSSR 8 no. 3:80-85 My-Je '65.

UKRAINE—WORLD WAR, 1939-1945—JUVENILE PARTICIPANTS

The youth of the Ukraine among the partisans. V. D. Litsenko. Ist. SSSR 9 no. 3:120-136 My-Je '65.

UKRAINE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Fedorov, A. F. [The last winter: true story about partisans. As told to IE Shatrov] Ostanna zima; partizans'ska buval'shchyna. Literaturnyi zapys IE. Shatrova. Kyiv, Dnipro, 1965. 330 p. (JuU) (NN)

Kaisenov, Kasym. [Along the path of partisans, notes of a partisan. Translated from the Kazakh] Partizanskoi tropoi; zapiski partizana. Alma-Ata, Zhazunhy, 1965. 430 p. (CS-H)

Organization and activity of the party underground in southern Ukraine, 1941-1945. V. M. Nematyj. Ukr. ist. zhur. 8 no. 3:35-40 My-Je '64.

UKRAINE—YOUTH

The youth of the Ukraine among the partisans. V. D. Litsenko. Ist. SSSR 9 no. 3:120-136 My-Je '65.

UKRAINE—YOUTH—EMPLOYMENT

Legal effect of a public appeal for the establishment of labor relations. H. Honcharova. Rad. pravo 28 no. 7:58-61 O '65.

UKRAINE, WESTERN—BIRDS—MIGRATION

Migration of some birds to the West Ukrainian forest steppe. I. V. Marisova. Ornitologiya no. 7:481 '65.

UKRAINE, WESTERN—COMMUNIST YOUTH LEAGUE

Political education work of the Communist Youth League organizations in the heavy industry enterprises of the western provinces of the Ukraine, 1959-1961. P. S. Fedorchak. Ukr. ist. zhur. 8 no. 3:82-83 My-Je '64.

UKRAINE, WESTERN—EUROPEAN WAR, 1914-1918—BIBLIOGRAPHY

Ripetsky, Stepan. [Bibliography of sources on the history of the Ukrainian Sich Riflemen] Bibliografiia dzhherel do istorii Ukrainy'skykh Sichovykh Stril'siv. New York, Vydavnycha komisija Bratstva USSR, 1965. 115 p.

UKRAINE, WESTERN—HISTORICAL GEOGRAPHY—MAPS

Historical cartography of the Western Ukraine to 1930. I. P. Kryp'iakevych. Ist. dzhherel, ta ikh vyk. no. 1:203-207 '64.

UKRAINE, WESTERN—HISTORY—CHRONOLOGY

Chronology of the written monuments of the lands of Western Ukraine from the 14th to the 18th century. IA. P. Kis'. Ist. dzhherel, ta ikh vyk. no. 1:218-224 '64.

UKRAINE, WESTERN—MACHINERY INDUSTRY WORKERS—EDUCATION AND TRAINING

Political education work of the Communist Youth League organizations in the heavy industry enterprises of the western provinces of the Ukraine, 1959-1961. P. S. Fedorchak. Ukr. ist. zhur. 8 no. 3:82-83 My-Je '64.

UKRAINE IN LITERATURE AND ART

Ukrainian motifs in "And quiet flows the Don." Oleksandr Matsal. Rad. lit. 9 no. 5:37-43 My '65.

UKRAINIAN COOKERY—see Cookery, Ukrainian

UKRAINIAN FOLK SONGS—see Folk Songs, Ukrainian

UKRAINIAN LANGUAGE

Monastenko, A. A. [Stages of the development of Ukrainian dialectal methods] Osnovy dijektsyky ukrains'koi movy, uchbovo-metodykyy posibnyk. [Kyiv] Vyd-vo Kyivs'koho univ., 1964. 104 p. (NN)

UKRAINIAN LANGUAGE—ALPHABET

Specific paleographic features of the collection of the 16th and 17th centuries. B. I. Zakharchuk. Ist. dzhherel, ta ikh vyk. no. 1:189-194 '64.

UKRAINIAN LANGUAGE—DIALECTS

Bold names for dialects. B. I. Zakharchuk. Vynsk. L'viv. univ. Ser. filol. no. 3:26-29 '65.

Dialectal differences in the formation of nouns in the bold dialect, nouns for persons signifying their profession and activities. B. I. Zakharchuk. Vynsk. L'viv. univ. Ser. filol. no. 3:26-29 '65.

UKRAINIAN LANGUAGE—STYLL

Akademika nauk USSR, Kiev, Instytut movoznavstva. [In the workshop of the artistic word] U malytsi khudozhn'oho slova. Kyiv, Naukova dumka, 1965. 216 p. (NeU)

More on the language of V. Stefanyk. V. Litsenko. Ist. SSSR 9 no. 3:94-95 S '65.

Vocative sentences; based on the language of V. Stefanyk. I. Z. Podlyshnyi. Vynsk. L'viv. univ. Ser. filol. no. 3:26-29 '65.

UKRAINIAN LANGUAGE—SYNTAX

L'viv, Universitet. [Problems of syntax, workshop of the interuniversity conference on syntax, L'viv, December 25-26, 1962] Problemy syntaktyky, pratsi mistytsyky shkol' naukovo konfrentsi z pytan' syntaktyky, 25-26 shteta 1962 r. [L'viv] Vyd-vo Lvivs'koho univ. 131 p. ("Provyachuk'eta V mizhnauchnomu i nauchnomu slavitiv") (NN)

Vocative sentences; based on the language of V. Stefanyk. I. Z. Podlyshnyi. Vynsk. L'viv. univ. Ser. filol. no. 3:26-29 '65.

UKRAINIAN LANGUAGE—TERMS AND TERMINOLOGY

Structural-semantic characterization of modern Ukrainian terminology in the field of agriculture. T. I. Litsenko. Vynsk. L'viv. univ. Ser. filol. no. 3:26-29 '65.

UKRAINIAN LANGUAGE—VERB

Structural-semantic characterization of verbs for a group of verbs in the Ukrainian language. T. I. Litsenko. Vynsk. L'viv. univ. Ser. filol. no. 3:26-29 '65.

UKRAINIAN LANGUAGE—WORD FORMS

Dialectal differences in the formation of nouns in the bold dialect, nouns for persons signifying their profession and activities. B. I. Zakharchuk. Vynsk. L'viv. univ. Ser. filol. no. 3:26-29 '65.

UKRAINIAN LANGUAGE—WRITING

Specific paleographic features of the 16th and 17th centuries. B. I. Zakharchuk. Ist. dzhherel, ta ikh vyk. no. 1:189-194 '64.

UKRAINIAN LITERATURE—BIBLIOGRAPHY—see Bibliography—Ukrainian Literature

UKRAINIAN LITERATURE—HISTORY AND CRITICISM

Akademika nauk USSR, Kiev, Instytut movoznavstva. [In the workshop of the artistic word] U malytsi khudozhn'oho slova. Kyiv, Naukova dumka, 1965. 216 p. (NeU)

Defense of a doctoral dissertation. Rad. lit. 9 no. 5:37-43 My '65.

In the higher educational institutions of the Ukraine. Rad. lit. 9 no. 5:37-43 My '65.

Man lives for people. A. Trehanetskyi. Rad. lit. no. 5:37-43 My '65.

Pyvovarov, N. P. [Sentence fiction and reality] Fantastyka i realitet'. Kyiv, Radnauknyi pis'mo, 1960. 181 p. (NNC)

Rounds of analysis in literary criticism. V. V. Litsenko. Rad. lit. 9 no. 5:37-43 My '65.

UKRAINIAN LITERATURE—STUDY AND TEACHING

Dandura, O. M. [Study of Ukrainian literature in the workshop for working youth and teachers manual] Vychennia ukrains'koi literatury v shkolakh i obshchynshchyn's'kykh dila vchytaliv. Kyiv, Radnauknyi pis'mo, 1965. 148 p. (CLU)

UKRAINIAN LITERATURE—STUDY AND TEACHING (Continued)

Lytyshenko, H. M. [Creative work in the 9th-11th grades of secondary school, an aid to teachers of Ukrainian language and literature] Tvorchy raboty v 9-11 klasakh seichas'no shkoly, na dopomohu vychilam ukraïns'koï movy i literatury, Kyiv, Radlans'ka shkola, 1964. 69 p. (CIV)

Stepanyshyn, B. I. [Independent work of students during the study of Ukrainian literature in grades 9-11] Samo-shhyn' robota uchnia pry vyvchenni ukraïns'koï literatury v 9-11 klasakh Kyiv, Radlans'ka shkola, 1963 111 p. (CIV)

UKRAINIAN PHILOSOPHY see Philosophy, Ukrainian

UKRAINIAN REFUGEES see Refugees, Ukrainian

UKRAINIAN SHORT STORIES see Short stories, Ukrainian

UKRAINIANS see subdivision under Albania, Canada, Canada, United States

ULAN-ULDE—LAW—STUDY AND TEACHING

People's University of Legal Knowledge in Ulan-Ude. K Gelnimov, Sov. iust. 29 no. 10:20-22 S '65

ULTRABASITE see subdivision under Kazakhstan

ULTRASONIC TESTING

Current distribution on the cathode during electrodeposition of metals in the ultrasonic field. A. M. Trofimov, Elektrokhimia 1 no. 9:1150-1152 S '65.

Study of reinforced concrete properties by the ultrasonic pulse method. S. N. Kozlov, T. S. Koskin, Bet. i zhebet. 11 no. 10:35-38 O '65.

The UFG-2 ultrasonic unit for testing small-diameter steel wire. I. I. Lyaynikov, F. I. Kozlov, Bet. i zhebet. inform. Gos. nauch. iissl. inst. nauch. i tekhn. inform. 10 no. 9:25-26 S '65.

ULTRASONIC WAVES

Effect of the ultrasound on the absorption of hydrogen by metals during electrolysis. V. V. Kuznetsov, N. I. Subbotina, A. S. Karaulov, Zhur. prikl. khim. 38 no. 6: 1310-1315 Je '65.

Effect of ultrasound on the diffusion of electrolytic hydrogen through iron membranes. V. V. Kuznetsov, N. I. Subbotina, Elektrokhimia 1 no. 9:1096-1098 S '65.

Propagation of ultrasonic waves in nonequilibrium solutions of electrolytes. B. B. Kuznetsov, D. B. Chudinov, Zhur. fiz. khim. 39 no. 9:2309-2301 S '65.

Resonance amplification of Rayleigh ultrasonic waves by a bound of charged particles flying near a crystal surface. I. V. Gullinov, P. D. Zilberman, Fiz. tverd. tela 7 no. 9:2772-2776 S '65.

ULTRASONIC WAVES—EFFECT ON PLANTS see Plants, Effect of ultrasonic waves on

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Device for preparing an aqueous solution of drying oil. I. B. Gershteyn, Stroitel'stvo i stroyt. 8 no. 3:4-5 Mi '65.

Effect of ultrasonic waves on the ion exchange recovery of thallium and the stability of ionites. A. I. Mokryshev and others, Trudy Inst. met. i olog. AN Kazakh. SSR 12 95-101 '65.

Investigating the effect of ultrasonic waves on the formation of thick-layered anodic films upon industrial aluminum alloys. S. I. Shames, Trudy KAI no. 84:111-116 '61.

New method for preparing emulsions for sugar cookies. M. A. Antokol'skaya and others, Khleb. i kond. prom. 9 no. 6:9-11 Je '65.

Preparing inks with the aid of ultrasonics. V. Briginets and others, Poligrafika no. 9:35 S '65.

Production of extracts from alkaloid-containing vegetable medicinal raw material under the effect of ultrasound. H. P. Pivnenko, O. M. Solnikova, Farmats. zhur. 20 no. 1:30-42 '65.

Use of ultrasonic waves in electric spray painting. A. P. Kozylina, A. G. Iaklino, M. E. Belokoni, Dor. prom. 14 no. 8:1-8 Ag '65.

Use of ultrasound for increasing the sensitivity of the method of amalgam polarography with stonage. L. K. Sph. in, Zhur. anal. khim. 20 no. 8:781-784 '65.

ULTRASONIC WAVES—SPEED

Velocity of the propagation of ultrasonic waves in candy imbedded products. R. V. Teplova, V. N. Nikiforova, Khleb. i kond. prom. 9 no. 10:18-20 O '65.

ULTRASONIC WAVES—THERAPEUTIC USE

Use of ultrasound in the pain syndrome. P. V. Lipunova, Trudy 1-go MMI 36:356-360 '65.

ULTRASONICS

Possibility of using ultrasonics in the study of disseminated ones. N. A. Bordinina, L. D. Goshynskaya, Izv. vya. ucheb. zav. i gos. i razv. 8 no. 8:85-89 My '65.

ULTRAVIOLET RAYS—EFFECT ON PLANTS see Plants, Effect of ultraviolet rays on

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT

Effect of effect of ultraviolet irradiated lacto-dehydrogenase from rabbit's muscles. B. I. Kuznetsov, Biofizika 10 no. 5:875-878 '65.

Induction of mutations by ultraviolet irradiations and nitrous acid in the extracellular phase. F. A. T. Chernik, A. S. Krivitski, Genetika no. 3:39-46 Ag '65.

Mycoflora of the air of archives and the results of tests of some physical measures against it. L. G. Aleksi-Moskhisvili, Soob. AN Gruz. SSR 39 no. 3:693-698 S '65.

Spectrum of the action of visible-light induced phosphorescence of aromatic amino acid solutions irradiated with ultraviolet rays at 77°K. S. L. Aksestev, V. I. Oknev, Izv. V. Vladimirov, Biofizika 10 no. 5:877-878 '65.

Study of the conditions of inactivating APB influence virus with ultraviolet rays for obtaining infection. L. I. Hleba, Mikrobiol. zhur. 27 no. 5:19-25 '65.

Ultraviolet ultraviolet irradiation of the nucleus and cytoplasm of animal tissue culture cells in different phases of the cell cycle. V. N. Sakhnov, L. N. Voinikova, Genetika no. 1:161-165 '65.

Ultraviolet ray penetration of the animal fur. N. A. Baranukov, Nauch. dokl. vys. shkoly, biol. nauk. 1-59-100 '65.

ULTRAVIOLET SPECTRUM see Spectrum, Ultraviolet

UL'YANOVSK PROVINCE—BOOKSELLERS AND BOOK-SELLING

The village of Cheidakly in Ul'yanovsk Province. Knizh. torg. 16 no. 4:7 Ap '65.

UL'YANOVSK PROVINCE—COMMUNIST EDUCATION

Comparing their life with Lenin's. V. Zimnashov, Prof. i tekhn. obr. 22 no. 10:7-8 O '65.

UL'YANOVSK PROVINCE—LIBRARIES, CHILDREN'S

To children about Lenin. I. Vainerman, Bibliotekar' 43 no. 10:20-21 O '65.

UMBILICUS

Determination of isohemagglutination in umbilical blood vessels of full-term newborn infants. G. D. Kytmanov, Akush. i gin. no. 2:51-57 '65.

Reduction of fetal presentation. N. A. Tsvetkov, Akush. i gin. no. 2:116-117 '65.

UMBILICUS—HERNIA

Treatment of umbilical prolapse. A. S. Moleak, Akush. i gin. no. 1:141 '65.

UNCERTAINTY (INFORMATION THEORY)

Uncertainty and set. D. Sh. Kvasilashvili, Soob. AN Gruz. SSR 39 no. 3:745-752 S '65.

UNDERDEVELOPED AREAS

Current problems of the social and economic development of liberated countries. I. U. Potemkin, Mir. ekon. i mezhdunar. otn. no. 11:69-72 '65.

UNDERDEVELOPED AREAS—ECONOMIC ASSISTANCE, YUGOSLAV

Yugoslavia and the developing countries. L. Zevin, L. Tagunenko, Mezhdunar. zhen' 12 no. 11:113-145 N '65.

UNDERDEVELOPED AREAS—ECONOMIC CONDITIONS

Stepanov, L. V. [Problems of economic independence; on the paths of the development of the national economy of liberated countries] Problema ekonomicheskoi nezavisimosti i puti razvitiya natsionalnoi ekonomiki osvobodivshikhsya stran. Moskva, Mysl', 1965. 100 p.

UNDERDEVELOPED AREAS—ECONOMICS

Problems of the reproduction of the means of production in the developing countries and the crisis of the structure of world capitalist economy. I. U. Ol'sevich, Mir. ekon. i mezhdunar. otn. no. 11:73-87 '65.

UNDERDEVELOPED AREAS—FINANCE

Moscow, Nauchno-issledovatel'skii finansovyi institut, [Finances of developing countries] Finansy razvivaiushchikh gosudarstv. Pod red. K. A. Chizhova. Moskva, Finansy, 1965. 281 p.

UNDERDEVELOPED AREAS—FOREIGN ECONOMIC RELATIONS

Mother countries without colonies. Mir. ekon. i mezhdunar. otn. no. 11:80-87 '65.

UNDERDEVELOPED AREAS—HISTORIOGRAPHY

A session of the Coordinating Council of the History of the International Workers' and National Liberation Movements. L. H. Lashchenko, Ukr. ist. zhur. 8 no. 3:150-151 My-Je '64.

UNDERDEVELOPED AREAS—MILITARY BASES, FOREIGN

Mother countries without colonies. Mir. ekon. i mezhdunar. otn. no. 11:86-87 '65.

UNDERGROUND STRUCTURES—CORROSION

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva, [Construction specifications and regulations] Stroitel'nye normy i pravila Moskva, Stroizdat.

Pl. 3, Sec. V, ch. 6.1. [Protection of underground metal structures from corrosion, regulations for the execution and acceptance of work] Zashchita podzemnykh metalicheskikh sooruzhenii ot korrozii; pravila proizvodstva i primeni rabot (SNIP III-V 6, 1-62), 1965. 13 p.

UNDERGROUND WATER see Water, Underground

UNDERWATER ACOUSTICS

Role of acoustics in studying the ocean. L. M. Brikhova, Izv. AN SSSR Fiz. i inzh. nauch. 1 no. 10:1050-1061 O '65.

UNDERWATER NAVIGATION see subdivision under Arctic regions

UNDERWATER PIPELINES

Investigation of reinforced concrete loaded pontoons for underwater pipelines. R. G. Sidorov and others, Stroitel'stvo, 10 no. 10:6-8 O '65.

UNEMPLOYMENT, TECHNOLOGICAL

On the problem of the utilization of the labor force released in connection with technological progress. V. I. Agodkin, I. Maslova, Vopr. ekon. no. 6:31-39 Je '65.

UNION CATALOGS see Catalogs, Union

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNION REPUBLICS

Bagdasarian, A. M. [Toward a uniform level; equalizing the economic levels of the Union Republics of the U. S. S. R.] K edinomu urovniu, vyравnivanie urovnei ekonomiki soluznykh respublik SSSR. Moskva, Znanie, 1965. 44 p. (Novoe v zhizni, nauke, tekhnike. III Seriya. Ekonomika, no. 20)

UNION REPUBLICS—CIVIL LAW—CONGRESSES

Nauchnaia konferentsiia "Novye grazhdanskoe i grazhdanskoe professional'noe kodeksy soluznykh respublik" 1964. [Materials of the Scientific Conference on the "New Civil and Civil Procedure Codes of the Union Republics," October 14-16, 1964] Materialy Moskva, Vses. nauchno-issl. in-t sovetskogo zakonodatel'stva, 1965. 212 p.

UNION REPUBLICS—CIVIL, PROCEDURE—CONGRESSES

Nauchnaia konferentsiia "Novye grazhdanskoe i grazhdanskoe professional'noe kodeksy soluznykh respublik" 1964. [Materials of the Scientific Conference on the "New Civil and Civil Procedure Codes of the Union Republics," October 14-16, 1964] Materialy Moskva, Vses. nauchno-issl. in-t sovetskogo zakonodatel'stva, 1965. 212 p.

UNION REPUBLICS—CIVIL, PROCEDURE—CONGRESSES

Nauchnaia konferentsiia "Novye grazhdanskoe i grazhdanskoe professional'noe kodeksy soluznykh respublik" 1964. [Materials of the Scientific Conference on the "New Civil and Civil Procedure Codes of the Union Republics," October 14-16, 1964] Materialy Moskva, Vses. nauchno-issl. in-t sovetskogo zakonodatel'stva, 1965. 212 p.

UNION REPUBLICS—CIVIL, PROCEDURE—CONGRESSES

Nauchnaia konferentsiia "Novye grazhdanskoe i grazhdanskoe professional'noe kodeksy soluznykh respublik" 1964. [Materials of the Scientific Conference on the "New Civil and Civil Procedure Codes of the Union Republics," October 14-16, 1964] Materialy Moskva, Vses. nauchno-issl. in-t sovetskogo zakonodatel'stva, 1965. 212 p.

UNION REPUBLICS—CIVIL, PROCEDURE—CONGRESSES

Nauchnaia konferentsiia "Novye grazhdanskoe i grazhdanskoe professional'noe kodeksy soluznykh respublik" 1964. [Materials of the Scientific Conference on the "New Civil and Civil Procedure Codes of the Union Republics," October 14-16, 1964] Materialy Moskva, Vses. nauchno-issl. in-t sovetskogo zakonodatel'stva, 1965. 212 p.

UNITED NATIONS

A constructive program for strengthening peace. Mezhdunar. zhizn' 12 no. 11:3-8 N '65.

The U. N. and nuclear weapons. N. Fedorenko, Nov. vrom. 23 no. 44:3-5 O '65.

[United Nations in facts and figures; a brief manual] Organizatsiia Ob'edinennykh Natsii v faktakh i tsifrakh; knizhka spravochnik. [Moskva] IMO, 1965. 176 p.

United Nations Organization, 1945-1965; international law problems. G. I. Tuckin, Sov. gos. i pravo 35 no. 10: 68-88 O '65.

UNITED NATIONS—ARMED FORCES

V. Kops's work entitled "Problems of the United Nations armed forces" V. Semenov, E. Blynnykh, Red. pravo 28 no. 7:109-111 O '65.

UNITED REPUBLIC OF TANGANYIKA AND ZANZIBAR

see Tanzania

UNITED STATES—ACCOUNTING

Mokhin, A. F. [Accounting in U. S. A. industry] Bukhgalterskii uchet v promyshlennosti SShA. Moskva, Finansy, 1965. 274 p.

UNITED STATES—AGRICULTURAL CREDIT

Role of credit in the development of agriculture in the U. S. A. M. Men'shikova, Vopr. ekon. no. 6:130-148 Je '65.

UNITED STATES—AUTOMATION—SOCIAL ASPECTS

Industrial automation in the U. S. A. and the legal forms used by workers in contesting its consequences. B. N. Zhaikov, Izv. vya. ucheb. zav. i prav. 9 no. 1:88-78 '65.

UNITED STATES—CHEMICAL RESEARCH

Some trends of chemical research in the United States. V. A. Kargin, N. M. Emanuel, Vest. AN SSSR 35 no. 10:86-88 O '65.

UNITED STATES—COLLECTIVE LABOR AGREEMENTS
Industrial automation in the U.S.A. and the legal forms used by workers in contesting its consequences. B.N. Zharkov. Izv. vyznach. zav., prav. 9 no.1:68-76 '65

UNITED STATES—COMMUNIST PARTY
The Communist Party in the United States
Clouds Lightfoot. Nov. vrem. 23 no.46:4-5 N '65

UNITED STATES—CRIME AND CRIMINALS
The "great society" or the citadel of criminality? L. Kuz'min. Sov. iust. 29 no.19:26-28 O '65
Revealing facts, trials on America's face. Agitator 33 no.20:57 O '65

UNITED STATES—DESCRIPTION AND TRAVEL
How is everything in America? B. Strel'nikov, Otkritiya 42 no.10:169-170 O '65.

UNITED STATES—ECONOMIC RESEARCH—CONGRESSES
Trends in American economic research. A. Sharikov. Mir, ekon. i mezhdunar. otn. no.11:140-144 '65

UNITED STATES—ELECTRIC LIGHT FIXTURES
Development of electric lighting equipment industries in the U.S.A. in 1964-1965. E.V. Makhin. Stetotekhnika 11 no.10:39-41 O '65

UNITED STATES—ELECTRONIC DATA PROCESSING—ECONOMICS
Electronics and automatic control in the economic administration of the U.S.A., a survey of trends, methods, and techniques. Ekonoim. metod. 1 no.3:455-462 My-Je '65.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—MEXICO
Koltarenko, A.F. [Mexico] Meksika. Kyiv, Politydav Ukrainy, 1965. 54 p

UNITED STATES—FOREIGN ECONOMIC RELATIONS—UNDERDEVELOPED AREAS
Investments and a secret army. Az. i Afr. seg. 9 no.10:8-9 O '65

UNITED STATES—FOREIGN RELATIONS—FRANCE
France and the U.S.S.R. Nov. vrem. 23 no.45:16-17 N '65.

UNITED STATES—FOREIGN RELATIONS—LATIN AMERICA
Declaration of international piracy. I. Mikusov. Mezhdunar. otn. 12 no.11:111-112 N '65.
Revolt of the exploited. A. Turasov. Nov. vrem. 23 no.47:6-10 N '65

UNITED STATES—FOREIGN RELATIONS—PANAMA
Washington's smoke screen. L. Kamynin. Mezhdunar. otn. 12 no.11:116-117 N '65

UNITED STATES—GOVERNMENT OWNERSHIP
Eganov, G.L. [Government ownership in England and the U.S.A.] Gosudarstvennaya sobstvennost' v Anglii i SSHA. Erevan, Izd-vo AN Armianskoi SSR, 1964. 202 p
State property in the U.S.A. and some problems of the antimonopoly struggle. V. Shundeev. Mir, ekon. i mezhdunar. otn. no.11:98-108 '65.

UNITED STATES—INDUSTRIAL BUILDINGS—CLEANING
Expenditure of labor for the cleaning of working areas in the enterprises of the U.S.A. A. Val'dman. Sois. trud. 10 no.10:92-94 '65

UNITED STATES—INTELLIGENCE SERVICE
An ominous cloud over Asia. B. Zabitov. Az. i Afr. seg. 9 no.10:18-21 O '65.

UNITED STATES—LABOR LAWS AND LEGISLATION
Industrial automation in the U.S.A. and the legal forms used by workers in contesting its consequences. B.N. Zharkov. Izv. vyznach. zav., prav. 9 no.1:68-76 '65.

UNITED STATES—MEXICANS
Discrimination against American citizens of Mexican extraction. Antonio Dueñas. Sov. gos. i pravo 35 no.10:123-125 O '65.

UNITED STATES—MILITARY INTELLIGENCE
Investments and a secret army. Az. i Afr. seg. 9 no.10:8-9 O '65.

UNITED STATES—MILITARY POLICY
Collapse of the "limited war." G. Gerasimov. Az. i Afr. seg. 9 no.10:2-4 O '65.
Washington masks its aggression. V. Saprykov. Az. i Afr. seg. 9 no.10:6-7 O '65.

UNITED STATES—OFFICIALS AND EMPLOYEES
Foreign policy advisers to the U.S. President. I.U. Vasil'ev. Mezhdunar. otn. 12 no.11:147-148 N '65.

UNITED STATES—POLITICS AND GOVERNMENT
Manov, R.E. [Lenin on the United States of America] Lenin o Soedinennykh Shtatakh Ameriki. Moskva, Nauka, 1955. 204 p.

UNITED STATES—POPULATION
On some debatable issues in B. TS. Ulanov's work on "The dynamics and structure of population in the U.S.S.R. and the U.S.A." Sh. Lit. Vest. 1 no.10:66-70 '65.

UNITED STATES—POWER ENGINEERING
Trends in the development of power engineering in the United States in the period 1960-1980. Teploenergetika 12 no.10:83-87 O '65

UNITED STATES—RACE QUESTION
[Three lives for Mississippi] Translated from the English. Tri zhizni za Mississippi. Moskva, Izd-vo "Pravda," 1965. 61 p. (Biblioteka "Komsomol'skoi pravdy," no.10)

UNITED STATES—RELATIONS (GENERAL) WITH THE PHILIPPINES
"You can't lose anything except the Americans!" A. On-lov. Az. i Afr. seg. 9 no.10:11-15 O '65.

UNITED STATES—SOCIAL CONDITIONS
How is everything in America? B. Strel'nikov, Otkritiya 42 no.10:166-170 O '65.

UNITED STATES—SOCIAL ETHICS
American morals and fables about "people's capitalism." V. Zlatkin. Sov. profsoyuz. 21 no.20:41 O '65.

UNITED STATES—STEAM TURBINES
Strength of steam turbine components during long-term operation. V.L. Rozenbhim. Energomashinost. otdel. 11 no.9:49 S '65.

UNITED STATES—TRADE UNIONS
Change of leaders in the American trade unions. A. Mkrtchian. Nov. vrem. 23 no.47:23-25 N '65.

UNITED STATES—UKRAINIANS
Ukrains'kyi sportyvi klub, New York. [Almanac on the occasion of the 10th anniversary of Ukrainian Sports Club of New York, 1948-1958] Al'manakh z nakhody 10-tyllytia diial'nosty, 1948-1958. New York, 1958. 142 p. (NN)

UNITED STATES—WATER CONSERVATION
Water for a nation's needs. V.V. Slashtukhin, A.M. Pen'kovskaya. Otkr. pri. Miro, no.3:21-21 '65

UNITES
Shirokov, K.P., ed. [Introduction of the International Unit System, collection of reports] O vvedenii Mezhdunarodnoi sistemy edinits, sbornik dokladov. Moskva, Izd-vo Standartov, 1965. 101 p.

UNIVERSITIES AND COLLEGES
(see also subdivision under India, Krakow; Poland)
International Union of Students. [International student seminar, "Higher education in the U.S.S.R."] Mezhdunarodnyi studentcheskii seminar, "Vysshie obrazovanie v SSR." Prague, [1959?] 81 p. (MH)

UNSATURATED COMPOUNDS
Certain characteristics of the mechanism of chemical reactions of diene polymers. I.A. Tutovskii, S.V. Novikov, B.A. Dogadkin. Zhur. fiz. khim. 39 no.9:2157-2162 S '65.

Interaction of α, β -unsaturated ketones with trichloroacetic acid. V.F. Lavyushin and others. Zhur. ob. khim. 35 no.10:1750-1754 O '65.

1,3-Bipolar addition to unsaturated compounds. Part 12: Addition of benzonitrile N-oxide and α, N -diphenylnitron to alkyl thioethers and their analogs. S.I. Radchenko, V.N. Chistoklov, A.A. Petrov. Zhur. ob. khim. 35 no.10:1735-1739 O '65.

Radiochemicals of some unsaturated carbon chlorides. N.S. Rabovskaya, L.M. Kogan, A.A. Nikolskaya. Vest. Mosk. un. Ser. 2: Khim. 20 no.4:42-43 Ji-Ag '65.

Reaction of α, β -unsaturated ketones with trichloroacetic acid. Part 2. V.N. Tolmachev, O.F. Bobonov, V.F. Lavyushin. Zhur. ob. khim. 35 no.10:1841-1844 O '65.
Unsaturated phosphinic acids and their derivatives. Part 1: Synthesis of phosphinic acid chlorides with diene and acetylene radicals. L.N. Mashlakovskii, B.I. Iontin. Zhur. ob. khim. 35 no.9:1577-1584 S '65.

UPHOLSTERY
Furlin, A.I. [Finishing and upholstering of furniture] Odelka i obivka mebeli. Moskva, Leningrad. pomyashlenost', 1965. 157 p.

UPPER VOLGA ECONOMIC REGION—MACHINERY INDUSTRY—MANAGEMENT
Specialization in interbranch industrial activity. A. Mal'kov. Plan. khoz. 42 no.11:72-74 N '65.

URAL MOUNTAIN REGION—SALE
Minor (accident) elements in the halite of the Solikamsk and Yuzovskiy-Yelva Deposits. A.G. Kropachev, T.S. Kropacheva. V. Z. i khim. 1965. 8 no.8:167-169 Ag '65.

URAL MOUNTAIN REGION—TRACE ELEMENTS
Minor (accident) elements in the halite of the Solikamsk and Yuzovskiy-Yelva Deposits. A.G. Kropachev, T.S. Kropacheva. V. Z. i khim. 1965. 8 no.8:167-169 Ag '65.

URAL MOUNTAINS—BACTERIA, AIRBORNE
Ecology and taxonomy of aerobic obligately chemolithotrophic bacteria isolated from thermal zones of the Yuzovskiy Mountain and the Yuzovskiy Field of the Kurile Islands chain. R.S. Fedorovskiy, T.S. Fedorova, I.G. Logunova. Mikrobiologiya 11 no.6:601-612 S-O '65.

URAL MOUNTAINS—DIAMONDS
Statistical processing of the data of heavy ion microanalysis testing to discover diamonds associated with diamonds as revealed by a study in one of the regions of the Central Urals. H.V. Shabatov. Sov. geol. 1965. 125 Ag '65.

URAL MOUNTAINS—FLYER II
Variations in the thickness of layers in the Permian Paleozoic flysch of the Southern Urals. A.B. Vitenko, A.V. Pann. Dokl. AN SSSR 161 no.5:111-113 O '65

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHY
Comparison of Permian sediments in the western and eastern slopes of the Urals. N.P. Malakhov. Dokl. AN SSSR. 161 no.6:112-113 O '65

URAL MOUNTAINS—IRON ORES
Abnormal nature of the anomagetic method of prospecting for iron-ore deposits in the Urals. G.G. Gerasimov, L.N. Ovchinnikov. Dokl. AN SSSR 161 no.4:701-704 O '65.

URAL MOUNTAINS—LONG-EARED OWL
Feeding habits of long-eared owl in the Central Urals. V.F. Dobutchev. Ornithologia 7 no.7:100 '65

URAL MOUNTAINS—MAGNETIC PROSPECTING
Abnormal nature of the anomagetic method of prospecting for iron-ore deposits in the Urals. G.G. Gerasimov, L.N. Ovchinnikov. Dokl. AN SSSR 161 no.4:701-704 O '65.

URAL MOUNTAINS—MANTLES—IRON
Feeding habits of the golden mantles in the Central Urals. N.S. Dobutchev. Biol. Miro, 1965. 10 no.3:16-21 My-Je '65.

URAL MOUNTAINS—MINERALS
Statistical processing of the data of heavy ion microanalysis testing to discover minerals associated with diamonds as revealed by a study in one of the regions of the Central Urals. H.V. Shabatov. Sov. geol. 1965. 125 Ag '65.

URAL MOUNTAINS—PETROLEUM GEOLOGY
Studying the possibility of oil formation in the Middle and Upper Devonian carbonate sediments in the western slope of the Central Urals and northern slopes of the Central Urals. N.G. Zhurav. Sov. geol. 1965. 78-80 Ag '65.

URAL MOUNTAINS—PINE
Morphological variability of the pollen of pine (Pinus silvestris L.) growing in the Urals. A.A. Moskatov. Zhur. 50 no.5:680-685 My '65

URAL MOUNTAINS—PETROPODA, FOSSIL
Conchoidal zones in the Devonian of the Russian Ural form and the western slope of the Urals. G.V. Iashenko. Sov. geol. 8 no.8:102-106 Ag '65.

URAL MOUNTAINS—PYRITES
Characterization of the morphology of ore bodies in the Karabash sulfide deposits of the Urals. A.V. Zhurav, A.D. Babichev. Izv. vyznach. zav. i geol. 1965. 10 no.5:580-581 My '65.

URAL MOUNTAINS—ROCKS
Some characteristics of the megacrysts of feldspar in rocks in gneissolite. N.V. Lavrenko. Zhur. 50 no.3:70-77 My-Je '65.

URAL MOUNTAINS—ROCKS, IGNEOUS
Structural correlations between the ultrabasic and gabbro-diorite complexes of the diatle-barabergite formation. S.V. Monkalova. Dokl. AN SSSR 161 no.1133-1136 O '65.

URAL MOUNTAINS—VOLCANIC ASH, TUFF, ETC.
Ordovician volcanic sedimentary complex of the Ural. A.A. Gavrilov. Izv. i pol. isk. 1965. 3 no.3:1-11 My-Je '65.

URAL-VOLGA PETROLEUM REGION see Second Index

URANIUM

Different behavior of uranium and thorium in the course of the lithogenesis of variegated sediments V. A. Kovalev, Dokl. AN SSSR 9 no. 5 537-540 1965

URANIUM-ANALYSIS

Direct determination of uranium in organic solvents, I. Butuz, L. Andras, Zhur. anal. khim. 20 no. 8-820-823 1965

URANIUM COMPOUNDS

Complex formation of an uranyl ion with stibic acid, Part 1. Study of the composition and regions of occurrence of precipitates formed in salticulate solutions of uranyl, V. I. Patanava, N. B. Platunova, Radiokhimiya 7 no. 5 544-553 1965

Extraction of U(IV) and U(VI) from hydrochloric solutions by means of tri-n-butyl phosphate, V. M. Vdovenko and others, Radiokhimiya 7 no. 5 550-556 1965

Kinetics of oxidation of U(IV) by atmospheric oxygen in carbonate solutions, E. A. Kanavskii, I. V. Goncharov, V. B. Rugevich, Radiokhimiya 7 no. 5 579-585 1965

URANIUM COMPOUNDS-SPECTRA

Spectroscopic method of investigation of the solvation between UCl_4 and molecules of neutral organophosphorus compounds, A. A. Lipovskii, S. A. Nikitin, N. E. Pavlova, Radiokhimiya 7 no. 5 563-572 1965

URANIUM ISOTOPES see subdivision under Azov, Sea of, Black Sea

URANIUM OXIDES

Catalytic action of copper ammoniate during oxidation of uranium dioxide by atmospheric oxygen, E. A. Kanavskii, I. V. Goncharov, V. B. Rugevich, Radiokhimiya 7 no. 5 585-588 1965

Physicochemical investigation of solid phases of the system $NH_4F - UO_2 - H_2O$, A. A. Opalovskii, S. S. Varanov, Z. M. Kuznetsova, Radiokhimiya 7 no. 5 589-596 1965

URANIUM PLATING

Method of electrodeposition of small amounts of uranium from solutions, V. S. Rezhikov, M. P. Pechua, Radiokhimiya 7 no. 5 625-627 1965

URANYL NITRATE

Activity coefficients in multicomponent systems, Part 3. Calculation of the activity coefficients of uranyl nitrate in aqueous solutions of magnesium, calcium, strontium, and barium nitrates, V. M. Vdovenko, M. A. Riazanov, Radiokhimiya 7 no. 5 545-553 1965

Solting of tributyl phosphate into aqueous solutions of uranyl nitrate, V. A. Mikhailov, A. G. Nazin, Zhur. fiz. khim. 39 no. 9 2312-2314 1965

UREA

Production of granulated carbamide from the melt of the distillation column of the first stage in a fluidized bed, U. N. Kiselevskii, V. I. Demshin, S. G. Shirokov, Izv. vyz. uch. zaved., khim. i khim. tekhn. 8 no. 3 501-510 1965

Reduction reaction of phosphomolybdic acid by thionine in the presence of copper ions, B. D. Reznik, L. P. Isyanok, Izv. vyz. uch. zaved., khim. i khim. tekhn. 8 no. 3 302-308 1965

Some carbamide-containing complex thorium halides, A. K. Molodkin, O. M. Ivanova, A. N. Kochumova, Dokl. AN SSSR 161 no. 4 820-821 1965

UREA-PHYSIOLOGICAL EFFECT

Cytological analysis of the mutagenic action of allyl isocyanate and allyl isothiocyanate, N. N. Zor, S. I. Makarova, Tsitollogiya 7 no. 3 405-408 1965

UREA AS FEED

Effect of partial substitution of carbamide for protein feed on the hygienic quality and chemical composition of milk, L. Sh. Akopian, M. N. Taituk, V. V. Gnapanovich, Trudy VNIIVS 24:70-87 1964

Urea phosphate in stockbreeding, A. A. Shamshurina, Priroda 54 no. 10:67-68 1965

URETERS-SURGERY

Ureteral atropasty, Z. V. Fainshtein, G. A. Alferov, Urologiya 29 no. 3:52-51 1965

URETHANES

Elastic polyurethane foams, A. P. Katengauz, A. A. Inokhodova, L. V. Kondrat'eva, Plast. massy no. 10:11-13 1965

Relation between the degree of cross-linking of urethane polymers and carboxyl group content of the initial polyesters, L. A. Rappoport, N. P. Apukhtina, L. V. Mozhukhina, Kauch. i rez. 24 no. 8:2-6 1965

Studying the cross-linking of urethane polymers under the effect of atmospheric humidity, N. P. Apukhtina and others, Kauch. i rez. 24 no. 10:8-11 1965

URETHANES-PHYSIOLOGICAL EFFECT

Mutagenic effect of urethane in gas state and in the presence of oxygen, I. A. Rappoport, Genetika no. 1:130-141 1965

URETHRA-ABNORMALITIES AND DEFORMITIES

Epihypospadias in men, L. M. Gortol'skii, Urologiya 29 no. 3:11-13 1965

Hypospadias in children, S. I. A. Dolatskii, I. A. Kozlovskaya, Urologiya 29 no. 3 6-11 1965

Surgical treatment of hypospadias in children, A. I. Zil'berstein, F. I. Zhelezinskaya, G. A. Gashchinskaya, Urologiya 29 no. 3 3-6 1965

URETHRA-DISEASES

Treatment of urethritis in gynecologic practice, V. I. Svirskii, Akush. i gyn. no. 2:121-125 1965

URETHRA-RUPTURE

Reconstruction of the posterior urethra in its ruptures with simultaneous fracture of the pelvis, V. A. Semenov, Urologiya 29 no. 3:22-25 1965

URETHRA-SURGERY

Hypospadias in children, S. I. A. Dolatskii, I. A. Kozlovskaya, Urologiya 29 no. 3 6-11 1965

Surgical treatment of hypospadias in children, A. I. Zil'berstein, F. I. Zhelezinskaya, G. A. Gashchinskaya, Urologiya 29 no. 3 3-6 1965

Reconstruction of the posterior urethra in its ruptures with simultaneous fracture of the pelvis, V. A. Semenov, Urologiya 29 no. 3:22-25 1965

URGENCH-DRAINAGE

Drainage band during the laying of sewers in Urgench, M. N. Kopev, M. A. Shleiman, E. N. Makovetskii, Stroitel. i khim. Urb. 6 no. 8:21-21 1965

URGUCHAN (CHITA PROVINCE)-BATHS, MEDICATED

Treatment of diseases of the locomotor apparatus and nervous system at Urguchan Health Resort, D. I. Zaitsev, Spor. nach. rab. vrach. san.-kur. uch. profsoyuzov no. 1:182-185 1964

URIDINE DIPHOSPHOGLACTOSE EPIMERASE

Analog of uridine diphosphoglucose in the reaction with uridine diphosphoglucose-4-epimerase, I. N. Druzhinina, M. A. Novikova, G. L. Zhdanov, Dokl. AN SSSR 164 no. 5:1175-1178 1965

URINARY CALCULI see Calculi, Urinary

URINARY ORGANS-ABNORMALITIES AND DEFORMITIES

Morphology of the urethras in the age-related aspect, A. B. Babalan, Spor. nach. rab. vrach. san.-kur. uch. profsoyuzov no. 1:182-185 1964

URINARY ORGANS-TUBERCULOSIS

Modern treatment of tuberculous of the urinary system, A review of foreign literature, I. I. Vol'pian, Urologiya 29 no. 3:60-67 1965

URINE-ANALYSIS AND PATHOLOGY

Chromatographic separation of cations of the urine, B. I. Pokrovskii, A. P. Terezhchenko, S. V. Chibrikov, Vop. med. khim. 11 no. 1:90-94 1965

Content of zinc in blood serum and urine in healthy persons, V. M. Karlovskii, P. A. Reomere, Vop. med. khim. 11 no. 2:82-87 1965

Detection of transaminase in the blood serum and urine in various kidney diseases, A. A. Kuznetsov, L. R. Politsynova, Vop. med. khim. 11 no. 2:87-90 1965

Hydroxylase activity in the blood and urine in cardiac edema, M. I. A. Chervinskaya, T. I. Vol'pian, Urologiya 29 no. 3:61 1965

Method of functional determination of 17-ketosteroids by means of thin-layer chromatography, M. A. Kriukova, Vop. med. khim. 11 no. 2:60-67 1965

17-Ketosteroid content in the urine of patients with cancer of the breast, B. R. Smoller, Vop. onk. 11 no. 10:39-43 1965

URINE-INCONTINENCE

Methods of surgical treatment of functional urinary incontinence in women, G. I. Lerner, Urologiya 29 no. 3:25-28 1965

URINE-SECRETION

Indications for the surgical treatment of some urination disorders in spina bifida occulta, V. E. Smolinov, Vop. neirokhir. no. 5:55 1964

UROPEPSIN

Significance of uropepsin determination in patients with atherosclerosis, A. V. Lushchik, Probl. tub. no. 7 51-54 1964

USSURI VALLEY-DESCRIPTION AND TRAVEL

Arsen'ov, V. K. [Dersu Uzal; from reminiscences of a trip through the Ussuri territory 1907] Dersu Uzal; iz vospominanii o puteshestvii po Ussuriiskomu kraju v 1907 g. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1965. 261 p. (Ural'skaya biblioteka: Puteshestviya, priklucheniya, fantastika)

USSURI VALLEY-FLYCATCHERS

Long-tailed flycatcher in the Ussuri Valley, G. S. Kislenko, Ornitologiya no. 7 108-111 1965

USSURI VALLEY-OCBLOTS

Recent distribution of ocelot in the Amur-Ussuri area, N. V. Bakov, Zool. zhur. 41 no. 9 1420-1432 1965

UST'-BALYK OIL FIELD-OIL WELL COMPLETION

Using surfactants in the test exploitation of the Ust'-Balyk oil field (Western Siberia), V. A. Sidorovskii, M. I. Vol'pian, Neftprom. delo no. 3 8-11 1965

USTYURT-BEETLES

Materials on the ground beetles and their beetles (Coleoptera: Carabidae, Cicindelidae) of the Mangyshlak Peninsula and the northwestern Ustyurt, O. F. Pavlov, Trudy Kaz. NIIIR 8 267-271 1964

USTYURT-DARKLING BEETLES

Materials on the fauna of darkling beetles (Coleoptera, Tenebrionidae) of the Mangyshlak Peninsula and the northwestern Ustyurt, N. G. Skopin, Trudy Kaz. NIIIR no. 8 277-287 1964

UTERUS

Bioclectrical activity of the cow's uterus during the sexual cycle, P. P. Dovitis, Dokl. Vsesoyuzn. nauch. no. 9 10-11 1965

Changes in the composition of uterine muscle protein fractions during pregnancy and uterine involution, R. F. Likhin, Akush. i gyn. no. 2:17-20 1965

Structure and physiology of the smooth muscle of the pregnant uterus, I. I. Inokov, Akush. i gyn. no. 2:3-9 1965

UTERUS-CANCER

Changes in the number of thrombocytes and in the thrombocyte formula in initial forms of cancer of the cervix uteri, M. I. Pavlova, Akush. i gyn. no. 1:112-115 1965

Cytologic studies in the diagnosis of cancer of the cervix uteri during preventive mass screenings, R. P. Ustinova, Akush. i gyn. no. 2:99-101 1965

Developing a classification system of cancer of the cervix uteri in the light of the reactivity of the organism, G. N. Smirnov, Nauch. trudy Riaz. med. inst. 11:24-231 1960

Incidence of cancer of the uterus in patients of various social groups, A. A. Pugacheva, Zh. nauch. i klin. med. 2 no. 3 91-95 1962

Prophylaxis of cancer of the cervix uteri treating erosions by duoterminal diathermocoagulation, V. A. Kuz'minov, Nauch. trudy Riaz. med. inst. 11:232-237 1960

UTERUS-DISEASES

Clinical picture of the Chlasi-Prammel syndrome, V. P. Galitskovich, G. I. Gelfman, Akush. i gyn. no. 2 133-134 1965

UTERUS-HEMORRHAGE see Hemorrhage, Uterine

UTERUS-MOTILITY

Effect of pituitrin on the motor activity of the uterus in cows, O. H. Blyudchenko, Fiziol. zhur. [Ukr.] 11 no. 4:148-153 1965

UTERUS-RADIOGRAPHY

Hysteroangiography following repeated cesarean section, P. N. Demidkin, A. K. Sokolov, Akush. i gyn. no. 2 106-109 1965

UTERUS-SURGERY

Characteristics of the bioclectrical activity of the brain in women before and after surgical removal of some pathologic processes in the cervix uteri, L. K. Vachnadze, Akush. i gyn. no. 2:101-108 1965

UTERUS-TUMORS

Case of successful treatment of uterine chorioepithelioma with chrysomycin, N. A. Voskresenskii, Akush. i gyn. no. 2:139-140 1965

Content of zinc in the blood and organs of patients with uterine myoma in relation to the growth rate of the tumor, G. I. Gerasimovich, Akush. i gyn. no. 1:115-119 1965

Functional state of the blood coagulation system in hemorrhages caused by uterine fibromyoma, N. A. Vasiluk, Akush. i gyn. no. 2:131-137 1965

19

VAGINAL SMEARS

Obtaining smears from the cervix uteri in cows. A. A. Rubenkov. Veterinariia 12 no.10 65-66 O '65

VAGUS NERVE

Changes in the coronary blood flow in stimulation of the afferent fibers of the vagus nerve. I. I. Vasil'yev, S. I. Lefler. Fiziol. zhur. 51 no.7 126-30 O '65

Histopathology of the trunk of the vagus nerve and the nerve ends in a carcinoma tumor. N. A. Marudov. Nauch. trudy Rik. med. nat. 11 316-357 '60

VALDAY HILL REGION—RAIN AND RAINFALL

Some results of studies of liquid precipitation in the region of the Valdai Hills. V. S. Golubev, N. V. Zolotarev, N. A. Zykov. Trudy GGI no.123 5-11 '65

VALDAY LAKE REGION—PRECIPITATION (METEOROLOGICAL)—MEASUREMENT

Some results of research on the precipitation proving ground of the Valdai Scientific Research Hydrologic Laboratory. V. S. Golubev. Trudy GGI no.123 81-85 '65

VALERIC ACID—PHYSIOLOGICAL EFFECT

Inhibition of the biogenicity of cholesterol esters by valeric acid in the liver of rats by decarboxylation of methionine. V. N. Ushakov and others. Voprosy Khim. 11 no.1 101-103 Jan '65

VALIDOL

Thermophenolometric method for quantitative determination of validol and menthol in tablets. D. V. Isaichenko. Farmatsiya zhur. 20 no.1 12-15 '65

VALVES

Design of a ball valve with a pneumatic drive. A. F. Bykov. Vest. mashinost. 15 no.9 13-15 S '65

VAN ALLEN RADIATION BELTS

Measurability of alpha-neutrons and some experimental results. V. D. Sokolov. Izv. AN SSSR Ser. Fiz. 29 no.10 1911-1915 O '65

VANADATES

Interaction of ferrites with fused sodium metasilicate and pyrovanadates. L. M. Vihing, G. P. Golubova. Vest. Mosk. un. Ser. Fiz. Khim. 20 no.1 50-53 Jan-Ag '65

VANADIUM

Effect of vanadium on the electroreduction of gallium on a gallium cathode. Report no. 2. A. I. Zhabib, G. A. Rumova, A. A. Saltovskaya. Trudy Inst. met. i obog. AN Kazakh. SSR 11 11-18 '65

Removal of vanadium from oil and petroleum products with the aqueous solutions of sulfuric acids. A. V. Kolova, S. V. Langelanova, V. G. Ben'kovskii. Khim. i tekhn. topl. masel 10 no.10 20-31 O '65

Study of single crystals of forsterite-garnets with vanadium. A. N. Ageev and others. Izv. Izv. 7 no. 8 2053-2056 S '65

Vanadium distribution in the treatment of hydrogillite bauxite for alumina by the Bayer's method. V. Z. Tatarskaya, A. I. Zhabib, V. N. Harshevskaia. Trudy Inst. met. i obog. AN Kazakh. SSR 12 16-22 '65

VANADIUM CATALYSTS

Mechanism of the catalysis by vanadium compounds of the oxidation reaction of isobutyl bromate. K. B. Vekshinskiy, V. L. Kallidim. Izv. vys. ucheb. zav. khim. i khim. tekhn. 8 no.3 378-381 '65

Stoichiometric composition of a working vanadium oxide catalyst. V. I. Vol'fson. Khim. i tekhn. 8 no.3 553-556 My-Je '65

VANADIUM CHLORIDES

The hydrolysis of vanadium oxychloride. Report no. 1. E. A. Lopylova, N. N. Ruban, V. A. Vinogradova. Trudy Inst. met. i obog. AN Kazakh. SSR 12 143-150 '65

VANADIUM CHLORIDES—SPECTRA

Vanadyl chloride solutions in organic solvents studied by the methods of infrared absorption and electron paramagnetic resonance spectra. I. P. Lipatova. Dokl. AN SSSR 154 no.1 849-851 O '65

VANADIUM COMPOUNDS

Analysis of vanadium phosphate glasses by the electron paramagnetic resonance method. V. M. Nagiev. Fiz. tverd. tela 7 no.9 2720-2729 S '65

Breakdown of the hydrate shells of vanadyl ions under the effect of the electrostatic field of diamagnetic ions. Study by the electron paramagnetic resonance method. A. I. Rivkind, L. P. Kuznetsova. Dokl. AN SSSR 154 no.1 860-863 O '65

Catalytic activity and stability of vanadium complex compounds with organic acids. K. B. Vekshinskiy, V. F. Kalidina. Izv. vys. ucheb. zav. khim. i khim. tekhn. 8 no.3 365-381 '65

VANADIUM COMPOUNDS—SPECTRA

Study of certain organic complexes of tetravalent vanadium by the electron paramagnetic resonance method. A. S. Gaidamov, B. N. Porygov. Izvest. Akad. Nauk 1 no.1 527-530 '65

VANADIUM OXIDE CRYSTALS

Relation between the electroconductivity and state of V⁵⁺ ions in V₂O₅ crystals. L. V. Dmitrieva, V. A. Boffe, L. B. Patrino. Fiz. tverd. tela 7 no.9 2754-2758 S '65

VANADIUM-TANTALUM ALLOYS

Effect of molybdenum on transformations in the solid state in alloys of the V-Ta system. A. T. Glogor'ev and others. Vest. Mosk. un. Ser. Fiz. Khim. 20 no.1 41-40 Jan-Ag '65

VANADIUM-ZINC ALLOYS—ELECTROMETALLURGY

Investigating cathodic polarization during the electrolysis of alkaline solutions of vanadium and zinc. A. M. Kurtev, M. L. Lit. Trudy Inst. met. i obog. AN Kazakh. SSR 11 50-61 '65

VAPOR PRESSURE

Determination of the density and pressure of vanadium and hafnium tetrachloride vapors. S. S. Baidonov, V. I. Tshchelnikov, A. V. Lapshin. Vest. Mosk. un. Ser. Fiz. Khim. 20 no.1 26-29 Jan-Ag '65

Phosphorus vapor pressure over a silicon melt alloyed with phosphorus. V. S. Zemtsov. Izv. AN SSSR, Neorg. mat. 1 no.5 618-654 My '65

VAPORIZATION, HEAT OF

see Heat of vaporization

VARIABLE STARS

see Stars, Variable

VARIATION (BIOLOGY)

Developmental variability of *Dynamena pulex*. M. IU. Sokolova. Nauch. dokl. vyz. shkoly, biol. nauk 1 48-51 '65

Induction of h-mutations of the phage T2 by nitrous acid and hydroxylamine. D. M. Gol'farb and others. Genetika no.2 3-12 Ag '65

Mutability in the wasp *Mormonella vitripennis* Wk. S. M. Gershenson. Genetika no.2 95-101 Ag '65

Mutagenic activity of free radicals of the piperidine series. G. I. Efremova, L. G. Rozmarov. Genetika no.2 63-68 Ag '65

Mutagenic effect of diethyl sulfate gas in large volume. I. A. Rapoport. Genetika no.1 112-113 '65

Mutagenic effect of urethane in gas state and in the presence of oxygen. I. A. Rapoport. Genetika no.1 130-111 '65

Phenomena of phenotypic parallelism in natural populations of *Drosophila melanogaster*. IU. M. Olenov. Genetika no.2 87-91 Ag '65

Relation of the characters of forked mutation in the progeny of *Drosophila melanogaster* females to temperature effects. P. G. Svetlov, G. F. Korsakova. Dokl. AN SSSR 165 no.1 211-216 N '65

Suppressors of adenine requirement in yeast. S. G. Inge-Vechtomov. Genetika no.2 22-26 Ag '65

VARIATION (BIOLOGY)—CONGRESSES

All-Union Symposium on Experimental Mutagenesis in Animals, Plants, and Microorganisms. S. A. Voleva, S. Z. Almidin. Genetika no.1 108-200 '65

VARIX

Rupture of margoit varicose veins (marginal sinuses) of the placenta during labor. S. Kh. Khakimova. Akush. i gign. no.1 60-61 '65

VARNISH AND VARNISHING

Refraction indexes of polyester varnishes. B. A. Britva, V. IA. Eglite. Der. prom. 14 no.8 29 Ag '65

VARVARA RESERVOIR—ROACH (FISH)

New fish hydroide from Varvara Reservoir. A. I. Nablav, P. K. Mel'ova. Izv. AN Azerb. SSR, Ser. biol. nauk no.3 131-134 '65

VASNETSOV, VIKTOR MIKHAILOVICH, 1918-1920

Ioylova, L. I., Viktor Mikhailovich Vasnetsov. Leningrad, Khudozhnik RSFSR, 1984. 53 p. illus (Narodnaya biblioteka po iskusstvu) (NIC)

VASYL'CHENKO, STEPAN VASYL'OVYCH, 1878-1933

Creative renovation. V. P. Olnyok. Rad. lit. 9 no.5: 58-67 My '65

VAVILOV, NIKOLAI IVANOVICH, 1887-1942

From the history of some theories of Russian genetics (N. I. Vavilov and V. I. Tolstov). D. V. Lebedev. Bot. zhur. 50 no. 5 730-733 My '65

VECTOR ANALYSIS

Affine symmetrical vector fields. V. V. Slukhaev. SR, mat. zhur. 6 no. 4 924-933 Jan-Ag '65

Renormalization of residual currents by disturbance of symmetry. A. M. Polistov. Fiz. tverd. Zhur. i spekul. fiz. 1 no.2 27-29 sp '65

VEGETABLE GARDENING see subdivision under Berzhad' District, Karaganda Province, Moldavia, Stavropol Territory

VEGETABLE HYBRIDIZATION see Hybridization, Vegetable

VEGETABLE MOLD see Humus

VEGETABLE TRADE see subdivision under Khmel'nik District

VEGETABLES—DISEASES AND PESTS see subdivision under Leningrad Province

VEGETABLES—STANDARDS

[Potatoes, vegetables, berries, cucurbitaceae, mushrooms and their processed products, collection of state standards, republic technical specifications and technical specifications] Kartofel', ovoshchi, plody, jagody, bakhchevye kul'tury, griby i produkty ikh pererabotki, shiitaki gosudarstvennykh standartov, respublikanskikh tekhnicheskikh uslovii i tekhnicheskikh uslovii Moskva, Izd-vo Standartov, 1965 298 p

VEGETABLES—STORAGE

Vegetable preservation under conditions of active ventilation. I. L. Volkina and others. Kons. i ov. prom. 20 no.10 33-35 O '65

VEGETABLES—VARIETIES see subdivision under Semipalatinsk Province

VEGETABLES, CANNED

Flow sheet for the chemical and technical production control of canned non-dielectric type vegetables. E. I. Solov'eva, L. G. Gvozdkova. Kons. i ov. prom. 20 no.10 13-15 O '65

Length of time for vegetable frying in oil. A. N. Mal'skiy, N. IA. Savina. Kons. i ov. prom. 20 no.10 19-21 O '65

VENA CAVA

Compression syndrome of inferior vena cava. IU. N. Prokofev. Akush. i gign. no.2 112-113 '65

VENDING MACHINES

Iskovskiy, A. A. [Economic problems of the automation of Soviet trade] Ekonomicheskie problemy avtomatizatsii sovetskoi torgovli [Leningrad] Izd-vo Leningr. univ., 1965, 122 p

VENEREOLOGY

Kazakov, V. I. [Differential diagnosis and the principles of treatment in the practice of the dermatovenerologist] Differentsial'naya diagnostika i printsipy terapii v praktike dermatovenerologa [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1965 228 p (DNLM)

VENEERS AND VENEERING see subdivision under Lvov

VENEERS AND VENEERING—BY-PRODUCTS

Use of the waste of rotary-cut veneer for the production of particle board by the extrusion method. G. A. Seiganko. Der. prom. 14 no.8 23 Ag '65

VENEREAL DISEASES see subdivision under Kirghizistan

VENTILATION—ESTIMATES

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet no. 24 delovye dani. [Collection No. 24 of standard district uniform estimates for construction work, ventilation and air conditioning] Skornik No. 24 edinykh tsennostnykh edinchnykh rastenok za stroitel'nye raboty; ventilatsiya i konditsionirovaniye vozdukh. Moskva, Stroizdat, 1965, 150 p

VENUS (PLANET)—ATMOSPHERE

Evaluating the abundance and total pressure of carbon dioxide by infrared spectra of Venus and Mars. V. I. Moroz. Astron. teir. 27 91-94 D '63

VERTEBRAE

Spondylous segment and its content. V. G. Totatimov, N. A. P'kina. Trudy i-go MMI 38 11-20 '65

VERTEBRAE—DISEASES

Vertebral osteolysis. V. V. Mikhov. Trudy i-go MMI 38 451-458 '65

VERTEBRAE—RADIOGRAPHY

Variability and the nature of the inheritance of the number of vertebrae in the crosses of some swine breeds in White Russia. A. I. Khmurovich. Vest. AN SSSR, Ser. sel'skosp. nav. no.3 107-113 '65

- VERTEBRAL ARTERY—DISEASES**
 Wartlike eruptions on the surface of vertebral artery, in-
 sufficient, in cervical osteochondrosis. N. A. Il'ina,
 V. M. Ilyushina. Trudy I-g. MVD 38 165-175 '65.
- VERTEBRATES** see subdivision under Yairufa
- VERMICILLIUM—CULTURES AND CULTURE MEDIA**
 Variability of the cotton wilt agent. D. Khaidarov, Uzb.
 biol zhur 9 no 4 21-25 '65.
- VESALIUS, ANDREAS, 1514-1564**
 Teropozhsh, V. V. [Andreas Vesalius] Andrei Vezali.
 Mirova nauka 1965 254 p. (Nauchno-biograficheskaia seriya)
- VESICARIA** see subdivision under Caucasus
- VETCH** see subdivision under Crimea
- VETERANS, DISABLED**
 From the board of the Ministry. Soz. obshch 26 no 11
 40-47 '65.
- VETERINARIANS**
 Raise the qualifications of veterinarians to a higher level.
 I. Kasimov, B. Maksimov. Veterinariia 42 no 10 164-
 165 '65.
- VETERINARY EMBRYOLOGY**
 Development of the mesencephalon during the embryonic
 period in sheep. A. F. Shapilov. Trudy Inst. eksp.
 biol. AN Kazakh SSR 11 263-270 '65.
 Development of the mesencephalon in sheep. A. F. Shapilov.
 Trudy Inst. eksp. biol. AN Kazakh SSR 11 256-262
 '65.
- VETERINARY HELMINTHOLOGY**
 Survival of helminth eggs and larvae in the external
 environment. V. D. Bubnov. Trudy VNIIVS 24 274-
 277 '64.
- VETERINARY HEMATOLOGY**
 Composition and properties of the blood and bone marrow
 in cattle. A. A. Kudriavtsev and others. Veterinariia
 42 no 10 50-52 '65.
 Diagnosis of African swine fever by the hemadsorption
 reaction in leucocyte cultures. N. N. Krut'kov and others.
 Veterinariia 42 no 10 19-22 '65.
- VETERINARY HYGIENE**
 (see also subdivision under Moscow)
 Disinfecting the skin of animals. B. S. Ustenko.
 Trudy VNIIVS 24 94-100 '64.
 Role of hygienic care for the skin of young cattle in
 the improvement of the commercial quality of the
 hide. V. M. Kartashova. Trudy VNIIVS 24 88-93
 '64.
 Scientific bases of the synthesis of chemicals for the
 realization of veterinary hygienic measures in animal
 husbandry. A. V. Polinova. Trudy VNIIVS 24 3-11
 '64.
 Searching for sporicidal means for disinfecting the skin
 of animals. V. S. Ustenko. Trudy VNIIVS 24 101-106
 '64.
 Seminars of veterinary control specialists. S. V., Z. P.
 Veterinariia 42 no 10 118-122 '65.
- VETERINARY HYGIENE—STUDY AND TEACHING**
 (see also subdivision under Kirovograd Province)
 Improve the teaching of the course in poultry diseases.
 B. F. Bessarabov. Veterinariia 42 no 10 109 '65.
- VETERINARY INSTRUMENTS AND APPARATUS**
 Obtaining smeears for the cervix uteri in cows. A. A.
 Rubenkov. Veterinariia 42 no 10 65-66 '65.
- VETERINARY LABORATORIES** see subdivision under
 Novosibirsk
- VETERINARY MATERIA MEDICA AND PHARMACY**
 Effectiveness of drugs in infectious atrophic rhinitis of
 swine. I. S. Egozhin, I. U. K. Shergin, E. V. Vidomskii.
 Veterinariia 42 no 10 38-39 '65.
 Smirnov, A. M. [Obtaining gastric juice from horses
 and its use in veterinary medicine]. Poluchenie
 zheludochnogo soka ot lozhadei i primeneniye ego v
 veterinarii. Leningrad, Kolos, 1965. 42 p.
 (DNL)
- VETERINARY MEDICINE**
 Clinical importance of the iodine test in cows. V. A.
 Loshkarev. Veterinariia 42 no 10 57-58 '65.
 Comparative morphology of the heart and coronary
 vessels in some animals. V. V. Issyk. Trudy Inst.
 eksp. biol. AN Kazakh SSR 11 271-278 '65.
 Susceptibility of farm animals to Alveococcus infection.
 B. E. Kurashvili, K. R. Gurchiani, Soob. AN Gruz. SSR
 39 no 1 183-189 '65.
- VETERINARY MEDICINE—ABSTRACTS**
 [Animal husbandry. Veterinary medicine] Ref. zhur.:
 Zhiv. Vet. nos. 20-21 O-N '65.
- VETERINARY MEDICINE—STUDY AND TEACHING**
 Teaching the history of veterinary medicine. K. S. Kapo-
 nadze. Veterinariia 42 no 10 113-114 '65.
 Vocational training in the technical school. L. R. Kuzne-
 tov. Veterinariia 42 no 10 100-103 '65.
- VETERINARY MICROBIOLOGY—EQUIPMENT AND
 SUPPLIES**
 Apparatus for measuring macroscopical objects and
 counting a colony of microorganisms. V. P. Kositsinuk.
 Veterinariia 42 no 10 102-103 '65.
- VETERINARY OBSTETRICS**
 Inheritance and variability of the duration of the preg-
 nancy period in the interspecific hybridization of wild
 with domestic swine. P. A. Es'kov. Trudy Inst. eksp.
 biol. AN Kazakh SSR 11 47-52 '65.
 Obstetric aid in torsion of the uterus in cows. I. P.
 Prandzhev. Veterinariia 42 no 10 67-69 '65.
- VIBRATED CONCRETE—SAFETY MEASURES**
 Mel'kumova, A. S., and G. I. Rumiantsev. [Vibration
 sickness in concrete and measures for its control;
 manual for occupational diseases specialists; neuro-
 pathologists, hygienists, and physicians of polyclinics
 and medical and public health centers] Vibratsionnaya
 bolezni' betonshchikov i mery bor'by s neiu, posobie dlia
 profpatologov, nevroptatologov, vrachei-gigienistov,
 vrachei poliklinik i mediko-sanitarnykh chastei. Mo-
 skva, Mosk. nauchno-issl. in-t gigieny, 1965. 102 p.
 (DNL)
- VIBRATION**
 Approximate calculation of torsional vibrations of a
 system with pendulum-type vibration dampers. G. M.
 Levchenko. Vest. mashinost. 45 no 7 27-30 '65.
 Moscow. Institut mashinovedeniia. [Vibrations and
 strength at variable stresses] Kolebaniia i prochnost'
 pri peremennnykh napriazheniakh. Moskva, Nauka,
 1965. 188 p.
 Nonlinear vibrations of a solid supporting a rotating
 rotor. R. F. Gantsev, V. O. Kononenko, Izv. AN SSSR.
 Mekh. no 5 31-37 S-O '65.
 Solution of the problem of nonlinear vibrations in the
 presence of an elastic residual effect. I. I. Krut'kov,
 M. I. Rozovskii. Izv. AN SSSR, Mekh. no 5 127-129
 S-O '65.
 Use of vibration in washing machine parts. P. V. Bolotin-
 nov. Trudy Uchen. set'khov. Inst. 10 no 2 94-98 '61.
- VIBRATION—PHYSIOLOGICAL EFFECT**
 Mel'kumova, A. S., and G. I. Rumiantsev. [Vibration
 sickness in concrete and measures for its control;
 manual for occupational diseases specialists; neuro-
 pathologists, hygienists, and physicians of polyclinics
 and medical and public health centers] Vibratsionnaya
 bolezni' betonshchikov i mery bor'by s neiu, posobie dlia
 profpatologov, nevroptatologov, vrachei-gigienistov,
 vrachei poliklinik i mediko-sanitarnykh chastei. Mo-
 skva, Mosk. nauchno-issl. in-t gigieny, 1965. 102 p.
 (DNL)
- VIBRATION (MARINE ENGINEERING)**
 Shock absorption in DG-25 diesel generators. D. M.
 Velikson, N. F. Solov'ev. Trudy LITV no 69 32-37
 '64.
 Vibration insulating effect of the compensators of gas
 exhaust pipes of internal combustion engines. S. A.
 Dvinov. Trudy LITV no 60 13-14 '64.
- VIBRATORS**
 Effect of vibratory systems on the stability of dump cars
 during unloading. L. D. Efimov. Trudy ONIIT 43
 pt 2 187-192 '63.
 Polotov, I. V., and N. A. Kuznetsov. [Vibratory machining
 of parts for machines and instruments] Vibratsionnaya
 obrabotka detal' mashin i priborov. Pod red. G. A.
 Glazova. [Leningrad] Lenizdat, 1965. 124 p.
 Polyfrequency vibrator with a noncircular wheel
 mechanism. I. S. Makarov. Izv. vyz. ucheb. zav.;
 mashinost. no 8 12-15 '65.
 Use of vibration techniques in mining. A. P. Kostylev,
 K. S. Gurov. Fiz.-tekhn. probl. razrab. pol. iskop. no 1
 40-45 '65.
 Using the vibration method in unloading dump cars.
 V. I. Zilabitshev. Trudy ONIIT 43 pt 2 183-186 '63.
- VIBRIO**
 Methodology of the isolation and study of the polyacela-
 rities of cholera vibrios. E. M. Gubarev, E. P.
 Efimtseva. Vop. med. khim 11 no 2 89-94 Mr-Apr
 '65.
- VIDEO TAPE RECORDERS AND RECORDING**
 Demodulator of a video tape recorder. I. U. L. Bogorod-
 ski, G. I. Ivanov. Tekh. kino i telev. 9 no 11 54-61
 '65.
- VIETNAM, NORTH—FOREIGN ECONOMIC RELATIONS—
 RUSSIA**
 Trade and economic cooperation of the U.S.S.R. and the
 Democratic Republic of Vietnam. E. Karavaev. Vnesht.
 torg. 45 no 10 3-6 '65.
- VIETNAM, NORTH—MONKEYS DISEASES AND IN-
 FECTIOUS**
 Rate of infection of monkeys in the jungle of North
 Vietnam by the virus SV40. B. A. L'pshin et al.
 Vop. viro. 10 no 2 26-28 Mr-Apr '65.
- VIETNAM, NORTH—STATISTICS**
 Achievements of the national economy of the Democratic
 Republic of Vietnam. Vostok, 30 10 65 3-4.
- VIETNAM, NORTH—VIRUSES**
 Rate of infection of monkeys in the jungle of North
 Vietnam by the virus SV40. B. A. L'pshin et al.
 Vop. viro. 10 no 2 26-28 Mr-Apr '65.
- VIETNAM, SOUTH—MILITARY ASSISTANCE, AMERICAN**
 see Vietnamese War
- VIETNAM, SOUTH—MILITARY ASSISTANCE, JAPANESE**
 Japan and the war in Vietnam. D. Petrov. Nov. vosto-
 zhnik 12 no 11 18-19 N '65.
- VIETNAMESE WAR**
 Burchett, Wilfred. [War in the jungle of South Vietnam;
 a reportage] [Translated from the English] Voyna v
 dzhunglakh Iuzhnoi Vyetnama; reportazh. Moskva,
 Progress, 1965. 334 p.
 (OB)
 Catalogue of the "United war." G. G. Butman. A-1 50
 seg. 8 no 18 2-1 O '65.
 Occupation in the jungle. W. Burchett. Nov. vosto-
 zhnik 12 no 11 18-19 N '65.
 General Westmoreland's "body count" in the
 Wilfred Burchett. Nov. vosto-
 zhnik 12 no 11 18-19 N '65.
 Japan and the war in Vietnam. D. Petrov. Nov. vosto-
 zhnik 12 no 11 18-19 N '65.
 A laboratory of war and aggression. A. M. G. H.
 Afr. seg. 8 no 18 2-1 O '65.
 The people of Vietnam will be victorious. A. G.
 no 10 51-55 My '65.
 The question of peace. N. Sengulov. Vop. viro. 10
 no 4 11-14 O '65.
 Tactics of the Liberation Army under the new
 Wilfred Burchett. Nov. vosto-
 zhnik 12 no 11 18-19 N '65.
 War escalation in the escalation of nuclear. A. G.
 M. I. Kozlovskii. Izv. AN SSSR, Mekh. no 11 10-11 N '65.
 When the monkey goes off. Andie Wainwright. Nov. vosto-
 zhnik 12 no 4 22-23 N '65.
- VILDE, EDUARD, 1866-1933**
 Teatr i zhizn' Eduarda Vil'de. [Eduard Wilde and his
 theatre] Eduard Vil'de zhizn' i teatr. Leningrad, 1965. 127
 ss. 1 p. Illus. [in Russian]
- VIL'DE, IRYNA, pseud.**
 Literary evening of Iryna Vil'de. Otkrytiye. R. 1
 8 no 9 65 5 '65.
- VILNIUS—CHEMICAL WORKERS**
 One common enemy. IA. P. Khod. Izv. zhurn. 10
 81-82 N '65.
- VINDER, LAZAR' IL'ICH, 1881-1961**
 L. I. Vinder; an obituary. Lit. pravo. no 11 1
 '65.
- VINE CROPS—VARIETIES** see subdivision under
 palatinsk Province
- VINNITSA PROVINCE—CIVIL LAW**
 Participation of the public in the determination of civil
 cases. I. Kotovych. Rud. pravo 28 no 11 24-25
 O '65.
- VINNITSA PROVINCE—EDUCATION, COMPULSORY**
 In the struggle for compulsory education. A. P. Khod.
 Vuch. ned. shkola 11 no 5 7-10 S-O '65.
- VINNITSA PROVINCE—PUBLIC PROSECUTION**
 Participation of the public in the determination of civil
 cases. I. Kotovych. Rud. pravo 28 no 11 24-25
 O '65.
- VINNITSA PROVINCE—YOUTH**
 Give proper attention to the education of youth.
 V. Oandeyal. Rud. pravo 28 no 11 24-25 O '65.
- VINNITSA REGION—COMMUNIST PARTY OF THE
 SOVIET UNION**
 Party leadership of the antifascist struggle in Vin-
 nit'sa region. M. L. Babit. Ukr. ist. zhur. 8 no 3 10-17
 My-Je '64.
- VINNITSA REGION—WORLD WAR, 1939-1945**
 Party leadership of the antifascist struggle in Vin-
 nit'sa region. M. L. Babit. Ukr. ist. zhur. 8 no 3 10-17
 My-Je '64.
- VINOGRADOV, ALEKSANDR PAVLOVICH, 1866-
 Academician A. P. Vinogradov's 70th birthday. Vost. AN
 SSSR 35 no 10 136 O '65.**

VINOGRADOV, VIKTOR VLADIMIROVICH, 1895-

Academician Viktor Vladimirovich Vinogradov; on his seventieth birthday. N. P. Pokropovich, L'v. AN SSSR, Ser. III, 1 iaz. 21 no. 184-87 Ju-F '65.

VINYL ACETATE POLYMERS

Oxidative chlorophosphination of polyvinyl acetate. S. R. Rafikov, G. N. Chernokova, IU V. Artemova. Vysokom. soed. 7 no. 9 1809-1813 S '65.

VINYL ALCOHOL POLYMERS

Orientation draft of polyvinyl alcohol fibers. N. G. Bel'mit'evich and others, Khim. volok. no. 5:24-27 '65.
Thermal treatment of polyvinyl alcohol fibers with a various draft multiplicity factor. L. E. Ubovskii, K. E. Pospelkin, Khim. volok. no. 5:21-23 '65.

VINYL COMPOUND POLYMERS

Esters of polyvinylene glycol and aromatic acids. M. G. Kravtsov, S. I. Kletkin, S. S. Skorokhodov. Vysokom. soed. 7 no. 9 1576-1579 S '65.
Photocrosslinking of polyvinyl cinnamate and its nitro derivatives. A. P. Bolshakov and others. Vysokom. soed. 7 no. 9:1637-1640 S '65.
Preparation of polyvinyls by the reaction of dibromo-ethylbenzene with calcium carbide. A. M. Pashkin, IU. A. Maikov. Vysokom. soed. 7 no. 9 1481-1483 S '65.
Synthesis of poly- β -hydroxyvinyl-N-alkyl and poly- β -hydroxyvinyl-N,N-dialkyl carbamates. V. D. Nemirovskii and others. Vysokom. soed. 7 no. 9 1580-1583 S '65.
Vinylpyrrolidone copolymers with allylidsene diacetate. T. T. Minakova, F. P. Sidel'kovskaya, M. F. Shostakovskii, Izv. AN SSSR, Ser. khim. no. 10:1880-1882 '65.

VINYL COMPOUNDS

Synthesis of a silicon-containing vinyl sulfide. N. V. Komarov, N. N. Vlasova, Z. I. Mikhailov. Zhur. ob. khim. 35 no. 9:1692 S '65.
Synthesis of vinyl esters of organosilicon carboxylic acids. N. V. Komarov, N. V. Semenova, Izv. AN SSSR, Ser. khim. no. 10:1878-1880 '65.

VIOLACIN

Violacin, a new antibiotic. N. P. Bogdanova and others, Mikrobiologiya 34 no. 1:623-626 Ji-Ag '65.

VIOLAXANTHIN

Metabolism of violaxanthin-C¹⁴ in a leaf and its role in photosynthetic reactions. V. S. Saakov, Dokl. AN SSSR 165 no. 1:230-233 N '65.

VIRGIN TERRITORY—AGRICULTURAL CHEMICALS

Application of chemistry in the fields of the Virgin Territory. A. Sukhanin. Inform. biol. VDNKh no. 7 39-32 Ji '65.

VIRGIN TERRITORY—CATTLE TRADE

Traders in procurement. I. Boluchevskii, Zakup. sel'-khoz. prod. no. 5:32-34 My '65.

VIRGIN TERRITORY—CORN (MAIZE)

Testing stimazine and atrazine in the corn plantings of Virgin Territory. Z. V. Zhukhovitskaya, G. M. Kozlovskaya, Trudy KazNIGMI 8:105-115 '64.

VIRGIN TERRITORY—GRAIN

Effect of meteorological conditions on the state of the kernel of headed spring grain crops in harvesting by stages in the Virgin Territory. A. D. Maslovskaya, L. T. Chernonog. Trudy KazNIGMI no. 24:147-153 '65.

VIRGIN TERRITORY—METEOROLOGY, AGRICULTURAL

Agrometeorological conditions of the formation of a harvest of spring wheat of different times of sowing in the Virgin Territory. D. P. Anistratenko, L. T. Chernonog, A. D. Maslovskaya, Trudy KazNIGMI no. 24:133-146 '65.

Effect of meteorological conditions on the state of the kernel of headed spring grain crops in harvesting by stages in the Virgin Territory. A. D. Maslovskaya, L. T. Chernonog. Trudy KazNIGMI no. 24:147-153 '65.

VIRGIN TERRITORY—MILK TRADE

Traders in procurement. I. Boluchevskii, Zakup. sel'-khoz. prod. no. 5:32-34 My '65.

VIRGIN TERRITORY—STRAW—HARVESTING

Straw harvesting in the Virgin Territory. V. M. Vorob'ev, Trakt. i sel'khoz. mash. no. 9:17-18 S '65.

VIRGIN TERRITORY—WHEAT

Agrometeorological conditions of the formation of a harvest of spring wheat of different times of sowing in the Virgin Territory. D. P. Anistratenko, L. T. Chernonog, A. D. Maslovskaya, Trudy KazNIGMI no. 24:133-146 '65.

VIROLOGY

Parainfluenza diseases in adults: clinical aspects and diagnosis. E. S. Kolladze and others, Sov. med. 20 no. 3:53-60 Mr '65.

VIROLOGY—CONGRESSES

Problems of virology at the 14th All-Union Congress of Microbiologists, Epidemiologists and Specialists in Infectious Diseases. A. I. Danilov, N. N. Nosik, G. K. Zaitov. Vop. virus. 10 no. 2 249-253 Mr-Ap '65.

VIRUS DISEASES

Producing fluorescent γ -globulins adequate for clinical and laboratory differential diagnosis of virus infections. L. B. Mekler, V. K. Naumova, Vop. virus. 10 no. 2 235-240 Mr-Ap '65.

VIRUS DISEASES OF PLANTS

(see also subdivision under Ukraine)

Some methods of studying plant viruses in the Laboratory headed by Professor H. Shramm (conclusion). IU. V. Shekhtov. Mikrobiol. zhur. 26 no. 1:86-88 '61.

Transmission of virus diseases of lupine through seeds. N. B. Poteminskaya, Trudy VILR no. 20 pt. 1:54-55 '61.

VIRUS RESEARCH

Methods of isolating virus in nervous forms of epidemic parotitis. O. I. Khokhlovich. Mikrobiol. zhur. 26 no. 1:75-79 '61.

VIRUSES

(see also subdivision under Vietnam, North)

Anatomy and ontogeny of the adenovirus-like simian virus "K-11M". A. E. Dykovskii, F. V. Voronina, Vop. virus. 10 no. 2:158-164 Mr-Ap '65.

Characteristics of interferon formation in the animal organism. Z. V. Elmol'eva and others, Vop. virus. 10 no. 2:221-224 Mr-Ap '65.

Simian viruses. E. R. Pille, Vop. virus. 10 no. 2:131-138 Mr-Ap '65.

Viral transmission of hereditary characters in the silkworm Bombyx mori. S. M. Geishenzon. Vop. virus. 10 no. 2:172-176 Mr-Ap '65.

VIRUSES—CULTURES AND CULTURE MEDIA

Changes in the membrane permeability of tissue culture cells during the reproduction of viruses. D. B. Golubev and others, L'etologiya 7 no. 3 356-365 My-Ju '65.

Comparative study of the susceptibility of the human diploid cell strain 84 and primary kidney cells of monkeys to some viruses in relation to the composition of the culture medium. A. F. Pakmei, Vop. virus. 10 no. 2:198-201 Mr-Ap '65.

Cultivation of a strain of diploid cells of the lungs of a human embryo. R. I. Rapoport and others, Vop. virus. 10 no. 2 187-191 Mr-Ap '65.

Cultivation of the chickenpox virus in developing chicken embryos. M. A. Neizmalova, Vop. virus. 10 no. 2 202-204 Mr-Ap '65.

Dynamics of the reproduction of viruses of equine Venezuelan encephalitis in tissue culture. F. I. Ershov, V. A. Vaghranova, Vop. virus. 10 no. 2:178-181 Mr-Ap '65.

Selection and the properties of genetically homogeneous variants of the smallpox vaccine virus. S. S. Marennikova, N. N. Mal'iseva, Vop. virus. 10 no. 2:142-149 Mr-Ap '65.

Susceptibility of strains of diploid cells and other cell cultures to rhinoviruses. R. S. Dreizin and others, Vop. virus. 10 no. 2:191-197 Mr-Ap '65.

VISCERA

Cytological characteristics of some internal organs in chickens. V. P. Ivanov. Vestn. AN BSSR, Ser. sel'skosp. nav. no. 2:131-137 '65.

VISCOSE

Ripening of viscose. E. Z. Kiperzhak, Khim. volok. no. 5: 1-5 '65.

VISCOSE—TESTING

Effect of cellulose properties on the structural viscosity of viscose. V. P. Kiseleva, E. Z. Kiperzhak, Khim. volok. no. 5:20-22 '65.

VISCOSIMETER

Apparatus for measuring the viscosity of liquids within a wide temperature range. V. S. Kanasov, K. S. Pedchenko, N. A. Shishkova, Teoret. i eksper. khim. 1 no. 4 551-553 '65.

VISCOSITY

Effect of viscosity on electroconductivity in binary liquid systems. IU. A. Fialkov, IU. A. Tarasenko, Teoret. i eksper. khim. 1 no. 1:473-478 '65.

Producing a highly dispersed stream of a two-phase fluid and studying its viscosity coefficient. V. E. Kurillo, Trudy Kol. tekhn. inst. i yb. prirodoi. khim. no. 18:49-58 '63.

Study of the mechanism of extraction by measuring the viscosity of the isomolar series. E. I. Baran, Zhur. naorg. khim. 10 no. 2:184-213 S '65.

Studying the viscosity of fluoride-containing polymer melts. B. V. Radushkevich, IU. V. Vasil'ev, A. A. Konkin, Khim. volok. no. 5:16-20 '65.

Viscosity of melts of the system $MgCl_2$ - $NaCl$ - $BaCl_2$. N. V. Bondarenko, Kh. i. Strelts, Zhur. prikl. khim. 38 no. 6:1273-1279 Ju '65.

VISION

Diagnostic role of visual disorders in papilledema. A. I. Samoilov, O. R. Sokolova, Vop. neirokhit. no. 1 16-21 '65.

Medium level of the asymmetry in the duration of α -rhythm phases and the rate of information processing in the visual-motor system. A. A. Glinka, Biophysika 10 no. 5 160-173 '65.

Relationship between vision characteristics. V. V. Novopashin, Tekhn. kine i fotoz. 9 no. 10:38-43 O '65.

VISITORS, BRITISH see subdivision under Archangel

VITAMIN METABOLISM

Certain aspects of interrelation in the metabolism of ubiquinone, cholesterol, and vitamin A. K. M. Louts'kit, I. E. M. Lubyovch, Ukr. biokhim. zhur. 37 no. 5 742-750 '65.

Effect of compensatory hyperfunction and hypertrophy of the heart on the content of vitamins B₁ and B₂ in the myocardium and liver in rabbits. V. B. Spirichev and others, Vop. med. khim. 11 no. 2 51-56 Mr-Ap '65.

Metabolism of vitamin B₆ and its effect in acute hepatitis. S. M. Buzenova, Vop. med. khim. 11 no. 1:22-27 Ju-Ap '65.

State of vitamins in spruce under the influence of a compound therapy. D. A. Kanasova, Sbor. nauch. trud. TashGMI 22:150-155 '62.

Vitamin metabolism and excretion of 17-ketosteroids in cutaneous tuberculosis treated with tubazid. I. B. Vednerov, I. A. Kruchakova, I. I. Cherkashina, Vestn. dokl. i ven. no. 1:22-28 '65.

VITAMINS

Change in vitamin content in the fruits of some dog rose species as related to their conservation. I. Makhmudzhanov, Uzb. biol. zhur. 9 no. 4:20-34 '65.

VITAMINS—B

Utilizing the entrails of fish in the production of foodstuffs with a high vitamin B content. P. I. Andrusenko, Trudy Kol. tekhn. inst. i yb. prirodoi. khim. no. 18:271-274 '63.

VITAMINS—B₁₂ see Cyanocobalamin

VITAMINS—C see Ascorbic acid

VITAMINS—P see Bioflavonoids

VITAMINS—X see Bioflavonoids

VITEBSK—TECHNOLOGICAL INNOVATIONS

Designed at the Vitebsk Plant. E. M. Gildin, Ma-shinostroi. no. 10:17-19 O '65.

VITICULTURE see subdivision under Georgia; Svaneti

VITICULTURE—EXHIBITIONS

In a collective of communist labor. L. Turkevich, Inform. biol. VDNKh no. 7:4-6 Ji '65.

VITILIGO

Vitiligo. A. M. Bogak, Sbor. nauch. rab. vrach. 68n. -kur. uchr. profsotuzov no. 1:164-167 '61.

VITREOUS STATE

Interaction between As_2S_3 and PbS . I. T. Kolomiets, IU. A. Poliakov, Izv. AN SSSR, Nauch. mat. 1 no. 5: 721-724 My '65.

Pore formation in slag melts in the state of bubbling. I. I. Kitagorodskii, S. V. Petrov, Izv. AN SSSR, Naorg. mat. 1 no. 5:786-791 My '65.

Some regularities of glass crystallization process in the system SiO_2 - Al_2O_3 - MgO . I. I. Kitagorodskii, R. I. A. Kudakovskaya, Izv. AN SSSR, Naorg. mat. 1 no. 5: 780-803 My '65.

VLADIMIR, Metropolitan and Exarch, 1873-1959

[Metropolitan Vladimir; prelate and inceptor, 1873-1899. Metropolitan Vladimir; sviatitel'-molitvennik 1873-1959. Paris Centre Culturel. Cathedrale Orthodoxe] 1955. 251 p.

VLADIVOSTOK—MERCHANT SEAMEN—EDUCATION

Keenly and efficiently. V. Kol'tsov, Part. zhizn. no. 22: 58-59 N '65.

VOCATIONAL EDUCATION

(see also subdivision under Lugansk Province; Maki; Moscow Province; White Russia)

Brief news from abroad. Sred. spets. obr. 12 no. 9: 46 S '65.

Cultivate their independence. IU. S. Pimenov, Shkola i prosv. 9 no. 8:1-10 Ag '65.

Educational work in a production and training workshop. P. D. Fedoruk, Shkola i prosv. 9 no. 10:55-58 O '65.

VOLTAGE REGULATORS

Ilukovich, A. M., and D. R. Shul'man. [Regulators and regulated a.c. power supply sources] Stabilizatory i stabilizovannyye istochniki pitaniya peremennogo toka, Moskva, Energiya, 1965. 119 p. (Biblioteka po avtomatike, no. 146)

Precision-type a.c. voltage stabilizer. S. G. Obukhov, L. V. Panteleimonova. Trudy MII 55 111-120 '65

Regulations of effective voltage with increased accuracy. S. G. Obukhov. Trudy MII 55 104-112 '65

Source of stable voltage. A. A. Kozlov, V. N. Kutor. Prikladnaya fizika no. 9-27 '65

Temperature compensation system for an alternating voltage stabilizer equipped with silicon voltage stabilizers. A. I. Gladkov, A. A. Kuznetsov, V. A. Roshchik. Izv. vuzov, fizika no. 9-62-64 '65

Use ofelenium rectifiers instead of counter-electrodes in d.c. networks. Z. I. Idrisov. Vest. zhur. 25 no. 8 1-9 Ag '65.

Voltage stabilizer scheme consisting of provision of the operation of a mercury meter. A. S. Yarov. Vest. zhur. 21 no. 8 20-21 Ag '65

VOLTMETER

Phase-sensitive audio frequency voltmeter. A. Z. Veksel, N. V. Pechkov, T. N. Kalacheva. Trudy inst. kon. stroy. i. mek. i. m. prib. no. 71 67-75 '63

Semiconductor meter of the magnitude of charges of static electricity. V. N. Shukhov, V. P. Shtukov, O. A. Petrov. Izv. vuzov, ucheb. zav. i. prib. no. 5 24-26 '65.

VOLYN'—REVOLUTION, 1917-1921

From the history of the struggle of the Volyn' workers against Polish inter-ethnic and national counter-revolutionaries (from the second half of 1919 to Oct. 1920). P. O. Mikhaylov. Ucheb. zhur. 9 no. 8 11-17 Ag '65

VOLYN' PROVINCE—PASTURES AND MEADOWS

Floodplain meadows of the western part of Volyn' Polesye. D. I. Afanas'yev, D. R. Shcheglov-Sosonko. Ucheb. zhur. 22 no. 1, 60-71 '65.

VOLYN'KIN, IL'IA TIKHONOVICH, d. 1958

Notes of a hero. S. Vlodimirov. Kray. zhd. 16 no. 6 11 Ju '65.

VOMITING

Effect of polarization of some regions of the brain on the form of apomorphine-induced vomiting in dogs. P. I. Slabov. Biul. eksp. biol. i. med. 60 no. 8 71-74 '65.

VOROB'YVA, LIUDMILA

Sisters. M. Ivanov. Sov. zhd. 16 no. 17 11 Ag '64.

VORONEZH—A PARTMENT HOUSES—MAINTENANCE AND REPAIR

With the public help. V. Sapozhkov. Zhil. i. kom. khoz. 16 no. 9 18 '65.

VORONEZH—CARDIOVASCULAR SYSTEM—DISEASES

Some clinical statistical data on mental morbidity of vascular genesis. V. K. Gorbachev. Trudy Vor. med. inst. 51, 43-48 '63.

VORONEZH—CEREbroVASCULAR DISEASE

Clinical statistical analysis of vascular lesions of the brain according to data of Voronezh polyclinics. K. D. Vlasova and others. Trudy Vor. med. inst. 51, 30-42 '63.

VORONEZH—FOOD INDUSTRY—FINANCE

Profit and incentives. N. Lipol, V. Sazonov. Sov. zhd. 30 no. 10 10-16 O '65

VORONEZH—PSYCHOSES

Some clinical statistical data on mental morbidity of vascular genesis. V. K. Gorbachev. Trudy Vor. med. inst. 51, 43-48 '63.

VORONEZH—SURVEYING

Smirnov, A. A. [City surveying service] Gosodskaya geodezicheskaya shkola, Moskva, Stroiizdat, 1965. 69 p.

VORONEZH PRESERVE—PARASITES—RED DEER

Helminths of red deer in the Voronezh Preserve. V. A. Romashov. Trudy Asii. zap. no. 9 197-200 '61.

VORONEZH PRESERVE—WORMS, INTESTINAL AND PARASITIC

Helminths of red deer in the Voronezh Preserve. V. A. Romashov. Trudy Asii. zap. no. 9 197-200 '61.

VORONEZH PROVINCE—AGRICULTURAL WORKERS

Light from the same match. R. Palatov. Sov. profsoyuz. 21 no. 21 24-25 N '65.

VORONEZH PROVINCE—INDUSTRIAL HYGIENE

Let's bring beauty into the world of labor. R. Kosoplovskiy. Otkrytaya fizika, strakh. 8 no. 11 3-5 N '65.

Public hygiene physician and industries. Yu. Klovov, A. Korotkikh. Otkrytaya fizika, strakh. 8 no. 11 3-5 N '65.

VORONEZH PROVINCE—MACHINERY INDUSTRY—ACCOUNTING

Latukha, L. K. [Business accounting in the working area] Khozraiskiy vychet na rabochem meste. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1963. 34 p. (Biblioteka rabocheho-stanovnika)

VORONEZH PROVINCE—PHYSICALLY HANDICAPPED—EMPLOYMENT

Our joint task. N. Veselova. Sots. zhur. 26 no. 10 36-39 O '65

VORONKOV, ALEKSANDR IVANOVICH, 1865-1965

Aleksandr Ivanovich Voronkov; an obituary. Vest. zhur. 1st no. 2 11 '65

VORONTSOV, DANYLO SEMENOVYCH, 1886-1965

Danylo Semenovych Vorontsov, obituary. Tizh. zhur. [Ukr.] 11 no. 1 565-566 Ji-Ag '65

VOROSHILOVGRAD PROVINCE—see Lugansk Province

VOTKINSK HYDROELECTRIC POWER STATION—HYDRAULIC STRUCTURES

New project solutions of the hydraulic structures of the Votkinsk Hydroelectric Power Station. V. N. Vagner. Trudy Leningradskogo na. 1 90-102 '64.

VOYAGES AND TRAVELS

Chkhikvishvili, Imelli. [Roads and meetings, for dignitaries]. [Translated from the Georgian] Doregi i vstrechi, zarubezhnye otkrytiya. [Tbilisi, Izd-vo Soyuza sovetskikh pisatelei Gruzii, 1961] 156 p. (C81-10)

VRANGEL' ISLAND—BOTANY

Kidvalgid characteristics of some plant species of Vrangeli Island. P. G. Zhukova. Bot. zhur. 50 no. 9, 1370-1322 S '65.

VULCANIZATION

Automatic temperature regulator for hot vulcanization presses for shoe manufacture. V. V. Bilozub, B. V. Tondok. Tekhn. prom. no. 2 32-36 Ap-Ju '65.

Chemical composition of triethyl. G. M. Galybin, G. A. Manlova, M. I. Fedorov. Kauch. i. rez. 21 no. 2 10-51 '65.

Cross-linking of solutions of polymers and their mixtures. V. N. Kuleznev, L. S. Krokhina, B. A. Bogdanov. Koll. zhur. 27 no. 5 715-719 S-O '65

Effect of vulcanization on the stripping resistance of filled rubber stocks and on elastomer to filler adhesion. S. M. Agapitshchikova and others. Vysokom. speed. 7 no. 8 1510-1511 S '65.

Properties and structure of the products of vulcanization reaction with styrene. A. I. Vasiliev, I. A. Iatovskii, B. A. Bogdanov. Kauch. i. rez. 21 no. 10 23-26 '65.

Protection of rubber compounds against scratching. L. K. Zolotareva. Kauch. i. rez. 21 no. 9 16-13 '65.

Some particular features of the vulcanization of rubbers in latex. Part 2. Part played by zinc oxide and by protective substances. Z. M. Ustinova and others. Koll. zhur. 27 no. 5 773-775 S-O '65

Transformation of the vulcanization accelerator N-cyclohexylbenzothiazole-2-sulfenamide during thermal treatment. I. I. Litvinov and others. Kauch. i. rez. 21 no. 8 9-12 '65.

Vulcanization of the fluoropolymer of fluorooelastomer 26 with Schiff bases. N. S. Gulinakova and others. Kauch. i. rez. 21 no. 9 3-6 '65

VULCANIZATION—EQUIPMENT AND SUPPLIES

Technological process of the manufacture of diaphragms for allopoly-vulcanizers used by the Dnepropetrovsk Tire Plant. Z. M. Solov'eva, V. V. Aleksandrov. Kauch. i. rez. 21 no. 8 33-41 '65.

VYAZ'MA REGION (SMOLENSK PROVINCE)—WORLD WAR, 1939-1945—PERSONAL NARRATIVES

In the enemy's rear in the environs of Vyaz'ma. I. Zhinov. Voyn. i. ist. zhur. 7 no. 6 57-65 Ju '65.

VYSOTSKI, GEORGI NIKOLAEVICH, 1865-1940

Georgii Nikolayevich Vysotskiy on the 100th anniversary of his birth and the 25th anniversary of his death. O. L. Bolshakov. Ucheb. zhur. 22 no. 1 103-100 '65.

One-hundredth anniversary of Academician G. N. Vysotskiy's birth. I. K. Golovach. Izv. AN SSSR, Ser. geog. no. 5 137-138 S-O '65.

WAGES

(see also subdivision under Armenia, Czechoslovakia) In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U. S. S. R. and the All-Union Central Council of Trade Unions. Sots. trud. 10 no. 10 14-147 '65

WAGES—ACCOUNTING see subdivision under Khmel'nitskiy

WAGES—AGRICULTURAL WORKERS

[Collection of regulations on wages for workers of state agricultural enterprises] Shornik polozheniy po optich. i. rabotnikov gosudarstvennykh sel'skokhozyaistvennykh predpriyatiy. Moskva, Rossetkhozizdat, 1965. 289 p.

WAGES—CLOTHING INDUSTRY see subdivision under Tiraspol' (Moldavia)

WAGES—CONSTRUCTION INDUSTRY

Russia (1923— U. S. S. R.). Gosudarstvennyi komitet po delam stroitel'stva. [Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Stroiizdat.

Pl. 1 [1-stimates] Shtetnye normy
Vol. 3 no. 2
Ch. 21 [Stone elements] Kamennyye konstruktsii.
Ch. 23. [Wood elements] Derevyannyye konstruktsii.
Ch. 25. [Floors] Poly.
Ch. 26 [Roofs] Krovli.
Ch. 27 [Finishing work] Otdelochnyye raboty.
Ch. 36 [Electrical lighting of apartment houses and public buildings] Elektricheskoye osveshcheniye zhilykh i obshchestvennykh zdaniy. 1965. 185 p.

WAGES—CONSTRUCTION WORKERS

Awarding bonuses to workers and the scale of wages. Stroitel'stvo. Ucheb. no. 1 19-21 '65.

WAGES—FISHERIES

Improvement in the wage system for crews of the ocean-going fishing fleet. M. N. Traut. Ryb. khoz. 11 no. 8 82-83 '65.

Organizing work and wages on transport refrigerator ships. Yu. V. Muznev. Ryb. khoz. 11 no. 8 81-86 '65.

WAGES—GRAIN ELEVATORS

Wages for workers of grain receiving stations. S. Meshkin. Zakup. sel'khoz. prod. no. 5 54-55 My '65

WAGES—LANDSCAPE GARDENING

Russia (1917— R. S. F. S. R.). Ministerstvo komunal'nogo khozyaistva. Golovnyy normativno-issledovatel'skiy sluzhbenik. [Standard departmental norms and rates for landscape gardening] Ispovno-vedomostnyye normy i tarify na raboty po ozeleneniyu. Moskva, Stroiizdat, 1965. 91 p.

WAGES—MACHINERY INDUSTRY see subdivision under Black Sea Economic region

WAGES—MEDICAL PERSONNEL

Application of the new wage systems for medical workers. G. Novikova. Sots. trud. 10 no. 10 54-57 '65

WAGES—PAINT INDUSTRY

Put disbursement from the wage fund under constant control. U. Kochetkov. Sots. trud. 10 no. 10 58-59 '65

WAGES—PEAT INDUSTRY

Seminar on work organization and wages in the peat industry. N. Korshunova. Toif. print. 12 no. 3 13-15 '65.

WAGES—PETROLEUM INDUSTRY see subdivision under Krasnodar Territory

WAGES—PUBLIC HEALTH PERSONNEL

Application of the new wage systems for medical workers. G. Novikova. Sots. trud. 10 no. 10 54-57 '65

WAGES—SERVICE INDUSTRIES see subdivision under Lvov Province

WAGES—STATISTICS

Use of workers' calendar working time and the composition of the wage fund in industry. Vest. stat. no. 10, 89-90 '65.

WAGES—STEEL INDUSTRY see subdivision under Dneprodzerzhinsk; Donetsk Basin

WAGES AND LABOR PRODUCTIVITY

Lomonosov lectures in the economics department of the natural sciences faculties of the Moscow University. L. B. Pankov. Vest. Mosk. un. Ser. 8 Ekono. filoz. no. 5 75-82 S-O '65.

WAGTAILS

(see also subdivision under Caucasus) Geography of the coloration of white wagtails. V. E. Doregavol. Ornithologia no. 7 446-451 '65.

- WAVES** see subdivision under Kuybyshev Reservoir
- WAVES—MEASUREMENT** see subdivision under Kuybyshev Reservoir
- WEATHER—MENTAL AND PHYSIOLOGICAL EFFECTS**
Role of meteorological elements in the seasonal dynamics of physiological functions. V. A. Korlov, *Nek. vos. Khim.*, 1 Khim. pat., no. 3-20 '63.
- WEATHER CONTROL**
Calculation of processes caused by the penetration of ice crystals into supercooled small-drop clouds. S. L. Lebedev, *Dokl. AN SSSR* 161 no. 1 795-799 O '65.
- WEATHER FORECASTING** see subdivision under Soviet Far East
- WEATHERING** see subdivision under Siberian Platform
- WEAVING**
Weaving of selvage in various types of fabrics. A. A. L'zhev, *Zh. M. Podbituzhina Tekst. prom.* 25 no. 9, 13-17 S '65.
- WEED CONTROL**
(see also subdivision under Azerbaijan)
Effectiveness of alomazine and atrazine in weed control in the corn plantings of Abkhazian Province. O. F. Patsava, *Trudy Kaz. NIIZR* 8 116-122 '61.
Preliminary tillage of the fallow for preventing the appearance of herbaceous plants in forest plantations. N. M. Pankratova, *Khim. v les. khoz.*, no. 1, 6-9 '64.
Testing alomazine and atrazine in the corn plantings of Virgin Territory. Z. V. Zimkhovitskaya, G. M. Kozhlov, *Trudy Kaz. NIIZR* 8 105-115 '61.
Test results of some herbicides in corn plantings of the Chernozem of Kemerovo Province. I. N. Greshkov, *Trudy Kaz. NIIZR* 8 123-128 '64.
Weed control in forest nurseries with the use of triazine derivatives in tilling the fallow. N. M. Pankratova, *Khim. v les. khoz.*, no. 1 3-5 '64.
- WEED CONTROL—EQUIPMENT AND SUPPLIES**
Screens for chemical weeding. I. Avatkov, *Zashch. rast. i vol. i bol.* 10 no. 7 3-5 '65.
- WEEDS**
Infestation of soil with weed seeds under oak and locust stands in the ordinary Chernozem zone of the Ukrainian S.S.R. (Komyssarivka Forest). M. A. Al'bitskaya, *Bot. zhur.*, 50 no. 8 1092-1101 Ag '65.
Suckering plants growing in patches. S. A. Postryhan', *Ukr. bot. zhur.*, 22 no. 5 81-92 '65.
- WEEVILS—EXTERMINATION**
Granulated insecticides for the protection of pea seedlings against weevils of the genus *Sitona*. K. N. Usacheva, *Trudy VIZR* no. 20 pt. 1 26-32 '64.
- WEIGHT FUNCTIONS**
Method for the derivation of orthogonal polynomials of two variables for a class of weight functions. S. A. Agakhanov, *Vest. LGU* 20 no. 10 5-10 '65.
- WEIGHT LIFTING**
Courses for the lagging of a jerk. L. N. Sokolov, *Teor. i prakt. fiz. kul't.* 28 no. 10 141-15 O '65.
- WEIGHTLESSNESS SIMULATORS**
With an airplane into weightlessness; results of research. L. Kaslan and others. *Aviatsiya*, 48 no. 11 27-32 N '65.
- WEIGHTS AND MEASURES**
About the Ukrainian historical metrology. A. Z. Baraboi, *Ist. dzhur. i kh. vyk.*, no. 1 207-228 '64.
The 53d session of the International Committee of Measures and Weights. G. D. Rudan, *Izv. tekhn.* no. 9 1-56 S '65.
Shchekov, K. P., ed. [Introduction of the International Unit System; collection of reports] O vnedrenii Mezhdunarodnoi sistemy edinits, sbornik dokladov. Moskva, Izd-vo Standartov, 1965. 101 p.
- WELDED STEEL STRUCTURES**
Organizing a department for the preparation of rolled sheet metal in a block of plants producing welded structures. N. I. Ryzhkov, *Svar. protzv.*, no. 10 19-21 O '65.
- WELDING**
Deformation determination in the welding of unlike metals. K. M. Gatosvili, F. A. Chernoglav, *Trudy LITV* no. 80 27-30 '65.
- WELDING—CONGRESSES**
Eighteenth Congress of the International Institute of Welding. N. N. Tykhalin, A. I. Krasovskii, *Svar. protzv.*, no. 10 43-44 O '65.
- WELDING METALLURGY**
Randmer, U. I. [Metallurgical processes during welding] Metallurgicheskie protsessy pri svarko. Tallinn, Tallinskii politekhn. in-t, 1964. 44 p.
- WEST GERMANY** see Germany, West
- WEST SIBERIAN PLAIN—GAS, NATURAL**
Prospects for the development of the petroleum and gas industries in the lower part of the Ob' Valley. G. P. Bogomolov and others. *Probl. Sev.* no. 8 21-218 '65.
- WEST SIBERIAN PLAIN—GAS, NATURAL—GEOLOGY**
Characteristics of the distribution of oil and gas fields in the West Siberian Plain. V. P. Markovich, G. I. Teodorovich, *Sov. geol.* 8 no. 8 69-77 Ag '65.
- WEST SIBERIAN PLAIN—GEOGRAPHICAL RESEARCH**
Outlook for future geographical study of the West Siberian Plain. V. B. Suchava, *Dokl. Inst. geogr. Sib. i Dal. Vost.* no. 6 3-9 '61.
- WEST SIBERIAN PLAIN—NATURAL RESOURCES**
Effect of the projected Lower Ob' Hydroelectric Power Station on the nature and economic complex of the West Siberian Plain. S. V. Klopov, *Probl. Sev.* no. 9 261-267 '65.
Problems of the development of the natural resources of the northern part of the West Siberian Plain. D. V. Beloruchov, *Probl. Sev.* no. 9 21-31 '65.
- WEST SIBERIAN PLAIN—PETROLEUM GEOLOGY**
Characteristics of the distribution of oil and gas fields in the West Siberian Plain. V. P. Markovich, G. I. Teodorovich, *Sov. geol.* 8 no. 8 69-77 Ag '65.
- WEST SIBERIAN PLAIN—PETROLEUM INDUSTRY**
Prospects for the development of the petroleum and gas industries in the lower part of the Ob' Valley. G. P. Bogomolov and others. *Probl. Sev.* no. 8 214-218 '65.
- WEST SIBERIAN PLAIN—WATER, UNDERGROUND**
Possible use of ground water in the northern regions of the West Siberian Plain. V. I. Orlov, *Probl. Sev.* no. 9 235-249 '65.
- WESTERN SIBERIA** see Siberia, Western
- WESTERN SLAVS** see Slavs, Western
- WHALE PRODUCTS**
Production of dehydrated gray waters on a whaler. A. I. Gusev, V. D. Koval', A. A. Sudakov, *Ryb. khoz.*, 11 no. 9 77-79 '65.
- WHALES** see subdivision under Antarctic regions
- WHEAT**
(see also subdivision under Estonia, Ukraine; Virgin Territory)
Method of long-range agrometeorological forecasting of the winter wheat crop by the spring moisture reserves in the soil and the number of stalks surviving the winter. T. S. Ulanova, *Trudy TSU* no. 145 67-80 '65.
Sowing dates and planting rates. V. K. Ivanov, *Zemledelie* 27 no. 9 65-66 S '65.
Strong wheat. M. M. Samanov, *Zemledelie* 27 no. 10 78-82 O '65.
Study of the regularities of the linear growth of plants applied to problems of agrometeorology. G. Z. Ventakovich, *Trudy TSU* no. 145 42-53 '65.
- WHEAT—ANALYSIS**
Dynamics of lignin in the organs of wheat during growth. E. M. Vasil'eva, *Uch. zap. Kazan. gos. ped. inst.* 24 no. 6 13-19 '63.
Residual quantities of poisons and their effect on the carbohydrate and protein indices of wheat grain. Zh. I. Lukpanov, M. G. Ghebentkova, *Trudy Kaz. NIIZR* 8 120-132 '61.
- WHEAT—DISEASES AND PESTS**
Economic significance of damages caused by the shield bug *Corynetaster integriceps* Put. to winter wheat grain. F. N. Irodova, *Trudy VIZR* no. 20 pt. 1 56-60 '64.
- WHEAT—DROUGHT RESISTANCE** see subdivision under Moldavia; Soviet Central Asia
- WHEAT—FERTILIZERS AND MANURES** see subdivision under Central Chernozem region; Samarkand Province; Ukraine
- WHEAT—FIELD EXPERIMENTS**
Studying the "unevenness" of crop yields. N. V. Artukov, *Priroda* 54 no. 10 63-69 '65.
- WHEAT—FROST RESISTANCE**
Frost resistance of winter wheat depending on cultivation and freezing conditions. T. V. Vobitkova, *Fiziol. rast.* 12 no. 3 525-531 My-Je '65.
Winter stability of plastid pigments in winter wheat varieties differing in frost resistance. O. I. Shapovalov, *Ukr. bot. zhur.*, 22 no. 4 23-27 '65.
- WHEAT—VARIETIES**
Winter wheat "Bozostala" I in Solonchak-type soils. N. V. Kaminskii, *Zemledelie* 27 no. 9 84-85 S '65.
- WHEAT BREEDING**
Induced system mutations in wheat. S. I. Makarova, N. N. Zoz, *Genetika* no. 2 113-118 Ag '65.
Utilization of radiation-induced mutants of winter wheat in breeding work. V. S. Mozhayeva, *Genetika* no. 1 173-178 '65.
- WHEY**
Use of whey in breadmaking. M. A. Babushin, *Khleb. i korm. prom.*, 9 no. 10 39-41 O '65.
- WHITE RUSSIA—AGRICULTURAL POLICY**
Some agricultural problems of White Russia in the light of the decisions of the March Plenum of the Central Committee of the CPSU in 1955. S. N. Skarapana, *Vest. AN BSSR, Ser. sel'khoz. nav.* no. 2 5-10 '65.
- WHITE RUSSIA—AGRICULTURAL COLLEGES**
The oldest institution of higher agricultural education in the country. B. M. Sontsa, *Vest. AN BSSR, Ser. sel'khoz. nav.* no. 1 135-136 '65.
- WHITE RUSSIA—AGRICULTURAL RESEARCH**
Raising the level of scientific research. P. E. Pichupan, D. P. Ivanov, *Vest. AN BSSR, Ser. sel'khoz. nav.* no. 3 5-10 '65.
- WHITE RUSSIA—AGRICULTURAL WAGES**
Material stimulation and the improvement of the utilization of labor resources on collective farms. E. S. Arad', *Vest. AN BSSR, Ser. sel'khoz. nav.* no. 2 25-30 '65.
- WHITE RUSSIA—AGRICULTURE—LABOR PRODUCTIVITY**
[People of our good land] Ljudzi dobryi zemi. Minsk, 1965. 69 p. (Biblioteka gazety "Holas Radziny")
- WHITE RUSSIA—AUTHORS**
Mozol'kov, E. S. [Singing earth] Piosushchaya zemlia. Moskva, Sovetskii pisatel', 1955. 385 p. (NeU)
- WHITE RUSSIA—BEEF CATTLE BREEDING**
Meat productivity of young Red White Russian cattle and its crosses with Shorthorn and Limousin cattle. M. P. Hrya', *Vest. AN BSSR, Ser. sel'khoz. nav.* no. 2 91-96 '65.
- WHITE RUSSIA—BOOKS**
Excellent format and printing for White Russian books. N. I. Goncharov, *Poligrafika* no. 8 13-44 Ag '65.
- WHITE RUSSIA—CLAY—ANALYSIS**
Lithological and geochemical characteristics of the clays of various genetic types in the White Russian S.S.R. K. I. Lukashov, G. I. Sachok, V. K. Lukashov, *Dokl. AN BSSR* 9 no. 9 533-536 Ag '65.
- WHITE RUSSIA—COMMUNIST YOUTH LEAGUE**
Mazurova, I. A. S. [Communist Youth League and the training of workers within the system of the labor reserves of the White Russia S.S.R.] Komsomol i podgotovka rabochikh v sistemu trudovykh rezervov BSSR. Minsk, Belarus', 1964. 207 p. (CS-11)
- WHITE RUSSIA—CONSTRUCTION INDUSTRY—MANAGEMENT**
Practices in the introduction of dispatching. A. M. Romanov, *Vych. i org. tekhn. v stroit. i proekt.* no. 2 36-39 '61.
- WHITE RUSSIA—DAIRY CATTLE**
Brown Latvian cattle in White Russia and its productivity as compared with black-and-white cattle. A. D. Rainou, A. P. Palivoda, M. T. Mikhedau, *Vest. AN BSSR, Ser. sel'khoz. nav.* no. 2 90-93 '65.
- WHITE RUSSIA—DAIRY CATTLE BREEDING**
Milk yield and the chemical composition of milk of hybrid cows of some breeds of greatest interest in agricultural planning in White Russia. N. A. Horecki, F. N. Abramovskii, *Vest. AN BSSR, Ser. sel'khoz. nav.* no. 3 84-89 '65.
- WHITE RUSSIA—EFFICIENCY, INDUSTRIAL**
[People of our good land] Ljudzi dobryi zemi. Minsk, 1965. 69 p. (Biblioteka gazety "Holas Radziny")
- WHITE RUSSIA—FIELD CROPS**
Productivity and economic effectiveness of crops grown in crop rotations on turf-Podzolic soils. P. E. Prakepau, A. H. Ajezhuev, A. I. Mladzvedskii, *Vest. AN BSSR, Ser. sel'khoz. nav.* no. 2 11-16 '65.
- WHITE RUSSIA—GRAIN**
Ways for increasing the production of grain in White Russia. N. D. Mukhin, *Vest. AN BSSR, Ser. sel'khoz. nav.* no. 2 10-24 '65.

WHITE RUSSIA—HOUSE—ACCOUNTING

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIA—INDUSTRIAL MANAGEMENT

Problems of industrial management in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIA—MEAT INSPECTION

On the question of meat inspection in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIA—MUNICIPAL SERVICES—ACCOUNTING

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIA—OFFICIALS AND EMPLOYEES

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIA—PASTURES AND MEADOWS

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIA—PEAS—DISINFECTION

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIA—PEAS—DISINFECTION

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIA—PODOZOL

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIA—POULTRY HOUSES AND EQUIPMENT—HYGIENIC ASPECTS

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIA—PROGRAMMED INSTRUCTION

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIA—SOIL MOISTURE

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIA—SPRINKLER IRRIGATION

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIA—SUGAR BEETS—DISEASES AND PESTS

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIA—SWAMPS

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIA—SWINE—PHYSIOLOGY

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIA—VOCATIONAL EDUCATION

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIA—WORLD WAR, 1939-1945

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE RUSSIAN LITERATURE—HISTORY AND CRITICISM

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE SEA—SEA LEVEL

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITE SEA—TIDAL POWER

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHITEFISHES—PHYSIOLOGY

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WHOLESALE TRADE see subdivision under Kazakhstan

WILD BOAR—PARASITES see Parasites—Wild boar

WILLIAMS, G. MERRIN, 1911-

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WILNO see Vilnius

WINDBREAKS, SHELTERBELTS, ETC.

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDBREAKS, SHELTERBELTS, ETC.

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDBREAKS, SHELTERBELTS, ETC.

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDBREAKS, SHELTERBELTS, ETC.

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDBREAKS, SHELTERBELTS, ETC.

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDBREAKS, SHELTERBELTS, ETC.

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDBREAKS, SHELTERBELTS, ETC.

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDING MACHINES

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDING MACHINES

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDING MACHINES

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDOW FITTINGS see subdivision under Soviet Central Asia

WINDOWS

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDOWS—CLEANING

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDS

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDS

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDS

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDS

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDS

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDS

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDS

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDS

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINDS—MEASUREMENT

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINE AND WINE MAKING

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINE AND WINE MAKING

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINE AND WINE MAKING

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINE AND WINE MAKING

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINE AND WINE MAKING

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WINTER see subdivision under Suburban, 50-60

WIRE-ROPE, TRANSDUCTION see subdivision under

WIREDRAWING

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WIREDRAWING—EQUIPMENT AND SUPPLIES

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WOMEN see Women

WOMEN AS SOLDIERS

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WOMEN IN FUR PREVENTION

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WOMEN'S COLLEGES

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WOOD—CHEMISTRY

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WOOD—CHEMISTRY

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WOOD—CHEMISTRY

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WOOD—CHEMISTRY

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WOOD—CHEMISTRY

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WOOD—CHEMISTRY

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WOOD—CHEMISTRY

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WOOD—CHEMISTRY

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WOOD—CHEMISTRY

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WOOD—CHEMISTRY

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WOOD—CHEMISTRY

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WOOD—CHEMISTRY

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WOOD—CHEMISTRY

Problems of accounting in the communal housing
V. A. Vlasov, B. I. Vlasov, B. I. Vlasov
17-18 1965

WOOD-USING INDUSTRIES—PATENTS

Patents. Bum i der. prom. no 153-54 Ja-Mr '65.

WOOD-USING INDUSTRIES—TECHNOLOGICAL INNOVATIONS

Indices of the economic and technological efficiency of the new enterprises and new technologies. A. V. Chirikov. Bum. prom. no 729 Ji '65

WOOD WASTE

(see also subdivision under Ivano-Frankovsk Province)

Automatic line for the manufacture of dimension stock. N. O. Nekhamkin, V. I. Sanev. Bum i der. prom. no 17-8 Ja-Mr '65.

Krasnopolodkin, V. A. [Plastic materials from wood waste and their use] Plastmassy iz otkhodov drevesiny i ikh primeneniye. Ufa, Bashkirskoe knizhnoe izd-vo, 1963. 95 p.

WOOD WASTE—TRANSPORTATION

Automotive transportation of technological chips. V. V. Kozlov, A. I. Il'ichev. Bum. prom. no. 918 S '65

WOODPULP

Approximate mathematical description of the process of continuous pulping. F. A. Belmasov. Bum. prom. no 912-14 S '65

Automatic control and regulation of woodpulp rigidity during chlorination. I. L. Gurvich and others. Bum. prom. no. 7-13-14 Ji '65

Conference on the supermolecular structure of wood pulp and its technical significance. F. P. Komarov. Bum. prom. no. 827-28 Ag '65

Determination of the changes in the degree of polymerization of wood pulp during the initial stages of cooking process using the direct titration of wood. I. V. Tsvetaeva, N. K. Lyalik, Zhur. prikl. khim. 38 no. 6:1340-1345 Je '65.

Determining bound SO₂ in sulfite cooking acids with any type of base. M. A. Burenin. Bum. prom. no 910-11 S '65.

Factors affecting the quality of mechanical pulp from wood chips. A. S. Kossol. Bum. prom. no. 7-3-6 Ji '65.

Ion absorption by viscose pulp at the various stages of its production. Z. N. Naumova, I. A. Nagradskii. Bum. prom. no 914-7 S '65.

Metacellulose of undried pulp. I. V. Shishkova, E. G. Sirotenko, S. A. Nechreva. Bum. prom. no. 7-9-10 Ji '65.

Role of lignosulfonic acids in the sulfite delignification of wood. V. M. Nikitin, N. I. Vasil'ev. Bum. prom. no 934 S '65

WOODPULP—CONGRESSES

Fifth International conference on sulfite pulp cooking. A. I. Bobov. Bum. prom. no 920-30 S '65

WOODPULP INDUSTRY

(see also subdivision under Karelia, Kotlas, Archangel Province)

Efficient design of an exhaustor for sulfur dioxide. L. B. Levit, V. I. Makutnov. Bum. prom. no 915-17 S '65

Industrial equipment for pneumatic transport of chips. V. V. Kozlov, G. M. Mikhailov, V. P. Pavlov. Bum. prom. no 917-18 Ag '65.

Preparing soda solutions for the production of mixed base acids. I. V. Gaiko, N. M. Mogil'nikova. Bum. prom. no 912-14 S '65

Selecting the type of defibrators. F. G. Shukhman, V. A. Kudimov. Bum. prom. no. 7:23-24 Ji '65.

WOODPULP INDUSTRY—BY-PRODUCTS

Digester relief gases in sulfate pulping. A. I. Skolsteyn, A. B. Marshak, T. B. Egorova. Bum. prom. no 915-17 Ag '65.

Increasing the yield of volatile acids from black liquor. M. N. Lomtomskii and others. Bum. prom. no. 9:10-20 S '65.

New uses of tall oil. M. S. Pasachnik, N. V. Terogeria. Bum. prom. no. 7:24 Ji '65.

Organic acids of black liquor from the sulfate wood pulp production. N. F. Koshunov, L. G. Filigina, T. A. Seltanova. Zhur. prikl. khim. 38 no. 6:1337-1339 Je '65.

Unit for the production of chlorine dioxide. L. F. Gvaidina. Bum. prom. no. 7:27 Ji '65.

WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES

Present state and prospects of the development of equipment and techniques for the grinding of fibrous materials. Bum. prom. no 912-3 of insert S '65

[Technology and equipment of the woodpulp, paper, and printing industry] Ref. zhur.: Tekhn. labor. tsol. bum i poligr. protv. nos. 9-10 S-O '65

WOODPULP INDUSTRY—PRODUCTION STANDARDS

A conference on production quality. A. V. Moskaleva. Bum. i der. prom. no. 1:49 Ja-Mr '65.

WOODWORK

Berdinskikh, I. P. [Wood gluing] Skleivaniye drevesiny. Izd. 2., perer. i dop. Kiev, Budiveln'nykh, 1965. 332 p.

WOODWORK (MANUAL TRAINING)

Instruction in wood planning. L. P. Antonov. Shkola i protv. 9 no. 810-21 Ag '65.

WOODWORKING INDUSTRIES

Planning the use of lumber at woodworking enterprises. E. A. Ovsanich. Bum. i der. prom. no. 113-47 Ja-Mr '65.

WOODWORKING INDUSTRIES—EQUIPMENT AND SUPPLIES

Pharov, A. A., and R. Kh. Botnec. [Design of auxiliary material handling equipment for woodworking industries] Konstruktsii oborudovaniya dlya obrabotki drevesiny i ikh primeneniye. Moskva, Tsentr. nauchno-issled. in-t. protv. informatsii i tekhn. otkhodov. ts. izdovaniy, 1965. 30 p. (Obzor tekhn. informatsii i inzh. nauki i tekhn.)

WOODWORKING INDUSTRIES—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Armenia)

WOODWORKING MACHINERY

Hard-alloy cutting inserts for ski processing. I. P. Zakharenko, I. M. Lutsin, I. A. Babenko. Der. prom. 14 no. 8:25-26 Ag '65

Jointing machines with vacuum clamping of parts and forced exhaust of shavings. V. I. Vinogradskii. Der. prom. 14 no. 8:10-11 Ag '65

Kinematic maintenance of the cutting properties of tools. T. A. Nosenovskii. Bum. i der. prom. no. 1:21-26 Ja-Mr '65.

Workability of particle board by hard-alloy cutting tools. I. P. Zakharenko, I. M. Kuris. Bum. i der. prom. no. 1:21-24 Ja-Mr '65.

WOODY PLANTS

(see also subdivision under Far East)

Effect of such commercial temperature on the leaf cell ultrastructure of Catlip species. Warden and some other plants. G. G. Shul'tina. Bot. zhur. 50 no. 9:1310-1317 4 '65

WOOL

Favorable possibilities and lamentable results. I. Kuzin. Zakup sel'khoz. prod. no. 5:47 My '65

Heritance and variability of the wool yield and its length in the process of interspecific hybridization of the Akkhar with fine-wool sheep. A. I. Saizhulov, F. V. Bol'shakova, A. P. Kurkova. Trudy Inst. zhivot. VNKhKh. SSR. 11:152-159 '65.

WOOL—CLEANING

Build wool-washing plants in sheep-raising districts. IU. Morozov. Zakup sel'khoz. prod. no. 5:21-22 My '65.

WOOL—DISINFECTION

Disinfecting wool contaminated with the virus of foot-and-mouth disease. L. N. Mikhaylov. Trudy VNIIVS. 21:101-108 '61.

WOOL COMBING

Analysis of clubs content of combed silver. G. A. Shumilov. Tekst. prom. 25 no. 10:67-69 O '65.

WOOL INDUSTRY

(see also subdivision under Bryansk, Kupavna (Moscow Province), Moscow Economic region)

WOOL INDUSTRY—EQUIPMENT AND SUPPLIES

The "Sh-2" wool catcher. V. M. Sherishayev. Tekst. prom. 25 no. 10:12-13 O '65.

WOOLEN AND WORSTED MANUFACTURE

(see also subdivision under Erivan, Odessa)

Source, manufacture and use of reclaimed wool. V. P. Rodionov. Tekst. prom. 25 no. 9:77-79 S '65

WOOLEN AND WORSTED SPINNING

Altundzh, N. V., R. A. Mamadova, and F. E. Rudenko. [Organization and planning of wool-spinning factories] Organizatsiya i planirovaniye shpiatopradil'nykh fabrik. Moskva, Legkaya Industriya, 1965. 201 p.

Standardization of equipment is an important factor in the lowering of the costs of continuous production lines in wool spinning. V. A. Kovak. Tekst. prom. 25 no. 9:30-31 S '65.

WOOLEN AND WORSTED SPINNING—EQUIPMENT AND SUPPLIES

Cascade drive for wool-spinning moulins with a basic and a modified speed regulation. P. M. Mikhaylov. Tekhn. informatsii i tekhn. otkhodov. ts. izdovaniy. 18 no. 9:33-35 S '65.

WORK

(see also subdivision under Czechoslovakia)

Change of the content and character of work under socialism. V. A. Savlov. Nauch. dokl. vyssh. shkoly; filoz. nauki 11 no. 5:10-15 '65.

Mosloval, S. N. [Work is creativity] Trud - slo tvorchestva. Moskva, Sovetskaya Rossiya, 1965. 64 p.

WORK—PHYSIOLOGICAL EFFECT

Krivitskaya, E. I. [Know how to work and know how to rest] Umel' trudits'ya - umel' otdyvat'sya. Moskva, Meditsina, 1965. 47 p. (Biblioteka shkol'nika) (DNLM)

Shafit, I. B. [Work as the basis of longevity] Trudy - osnovoye dolgoletiya. Moskva, Meditsina, 1965. 77 p. (Nauchno-populnaya meditsinskaya literatura) (DNLM)

WORK—PSYCHOLOGICAL ASPECTS

Converting labor into the most important living necessity of man. N. Mosoleva. Trudy MHT no. 180. 92-99 '65.

WORK, METHOD OF

Let's pay attention to the scientific organization of labor. D. P. Kuzin. Prof. tekhn. obr. 22 no. 10:20-21 O '65

WORK CLOTHES

Work clothes supply and demand. Z. Korotkova. Sov. profsoyuzy 21 no. 20:22-23 O '65.

WORK CLOTHES—STANDARDS

Work clothes, fashion and standard. L. D. Ivchenko. Standartizatsiya 29 no. 8:56-57 '65

WORKMEN'S COMPENSATION

Average earnings, our consultations. G. Simonenko. Sov. profsoyuzy 21 no. 21:41-42 N '65.

WORKS COUNCILS

(see also subdivision under Communist countries)

Businesslike attitude, control, and efficiency. A. Kupchin, V. Moiseev. Sov. profsoyuzy 21 no. 21:10-21 N '65.

The cause you serve. I. Mglintseva. Sov. profsoyuzy 21 no. 20:9-12 O '65.

Chudakov, A. I. [Local trade-union committee of a commercial enterprise] Mestom profsoyuznaya korporatsiya predpriyatiya. Moskva, Profizdat, 1965. 77 p.

Regulations on the factory and plant trade-union committee; comments to article No. 16. Sov. profsoyuzy 21 no. 21:42-13 N '65.

Work according to one's liking. M. Belogorov. Sov. profsoyuzy 21 no. 20:24-25 O '65.

Work experience of the volunteer bureau for the establishment of work norms in the "Krasnyy Yelka" Factory. T. I. Busnikina. Tekst. prom. 25 no. 10:88-90 O '65.

Work plan of a trade-union group. A. Vasil'ev. Sov. profsoyuzy 21 no. 21:22-23 N '65.

WORKSHOPS—EQUIPMENT AND SUPPLIES

Support for a lathe. N. T. Kondratov. Shkola i protv. 9 no. 10:74 O '65

WORLD COUNCIL OF CHURCHES

St. Francis Blum, President of the World Council of Churches, visits the Soviet Union. V. Roshkov. Zhur. Mosk. Patri. no. 9:12-14 '65.

Whitesday 1965, a message of the presidents of the World Council of Churches. Bist. vest. no. 3:12-15 '65.

WORLD FEDERATION OF DEMOCRATIC YOUTH

Taitov, I. F. [The world federation is 20 years old] 20 let' mirov'noy federatsii. Moskva, Znaniye, 1965. 50 p. (Novoye v zhizni, nauke, tekhnike. X Seriya. Molodezhnaya, no. 20)

Vanguard of the young generation. IU. Koshlev. Nov. vrem. 23 no. 46:20-21 N '65.

WORLD HISTORY

V. I. Lenin and the notion of "epoch" in world history. IE. M. Zhukov. Ucheb. zhur. 40 no. 8:1-9 Ag '65

WORLD POLITICS

International notes. Nov. vrem. 23 no. 41:24-25 O '65.

International notes. Nov. vrem. 23 no. 45:24-25 N '65.

International notes. Nov. vrem. 23 no. 46:26-27 N '65.

International notes. Nov. vrem. 23 no. 47:28-29 N '65.

Problems of disarmament of the present stage. V. Shestov. Mezhdunar. razn. 12 no. 11:74-84 N '65.

The Second World War and present times. V. V. Zagladin, A. S. Chirizayev. Vop. ist. 40 no. 10:14-28 O '65.

WORLD WAR, 1939-1945

(see also subdivision under Arctic regions; Baltic States; Bokovina, Bulgaria; Europe, Eastern; Far East, France, Hungary, Irkutsk Province; Karakalpak A. S. S. R.; Karelia, Kamas, Latvia, Lithuania; Osetia, South Poland; Prussia, East; Siberia; Slovakia; Ukraine; Uzbekistan, Vinnitsa region; Vyaz'ma region, Smolensk Province; White Russia) [Girls with shoulder straps] Devushki v pogonakh. Moskva, Voen. izd-vo M-va oborony SSR, 1964. 108 p. (CU)

X RAYS—SPECTRA

Line structure of V, Cr, and Co in the spectral region of the K β_1 line. I. I. Babushadze, M. G. Kokonova, Soob. AN Gruz. SSR 49 no. 1:19-51 J1 '65.
Satellites of X-ray spectra. V. P. Sachenko, V. I. Demchenko, Zhur. eksp. i teo. fiz. 19 no. 3:765-769 S '65.

X RAYS—THERAPEUTIC USE

X-ray therapy in acute parotitis. P. I. Ostlin, A. S. Tarasov, R. A. Berenshteyn-Klecher, Sov. med. 28 no. 3:47-50 M1 '65.
X-ray therapy of lymphosarcomas of the palatine tonsils. D. L. Tablonskaya, Nauch. trudy Riv. med. inst. 11: 287-289 '60.

XANTHIC ACID

Regeneration of xanthate from cobalt cation. K. M. Litvin Maksuta, TSvet. met. 38 no. 6:11-15 Je '65.

XANTHOMONAS

Pustular bacteriosis of soybean and the biology of its causative agent. V. O. Muras, Mikrobiol. zhur. 26 no. 1:62-68 '64.
Use of zinc in controlling the bacterial blight of cotton. N. K. Klapisova, Trudy VIZR no. 20 pt. 1:10-11 '61.

XANTHOPHYLL

Some methodological problems of producing highly active xanthophyll preparations. V. S. Sankov, A. S. Saifov, Uzb. biol. zhur. 9 no. 4:5-9 '65.

XANTHOPHYLL METABOLISM

Metabolism of xanthophylls in the absence of carbon dioxide. D. I. Syrovatkinov, T. G. Maslova, N. V. Bazharova, Biokhimiya 30 no. 5:1055-1058 S-O '65.

XENON

Performance of a cesium thermionic converter in the presence of xenon. I. S. Belmukhambetov, I. K. Gus'kov, S. I. A. Lebedev, Zhur. tekhn. fiz. 35 no. 8:1709-1711 S '65.

XENON COMPOUNDS

Formation of fluorine-containing xenon compounds during the β -decay of ^{133}I in iodine pentafluoride. A. N. Murin and others, Radiokhimiya 7 no. 5:629-630 '65.
Formation of oxygen compounds of xenon during the β -decay of ^{133}I in potassium periodate. A. N. Murin and others, Radiokhimiya 7 no. 5:631-632 '65.

XYLENE

Vapor phase oxidation of xylenes on copper catalysts in the presence of heavy metal oxide admixtures. N. I. Popova, N. V. Kabanova, Kinet. i kat. 6 no. 3:199-202 My-Je '65.

XYLENOL

Recovery of individual xylene isomers from technical xylene. L. D. Gharman, A. M. Tishina, T. V. Komonchenko, Koks i khim. no. 8:16-18 '65.

XYLITOL

Fluorine derivatives of polyhydric alcohols. Part 2: Tri-fluoroacetone ketals of xylitol. G. M. Zharubinskii, S. N. Danilov, Zhur. ob. khim. 35 no. 10:1790-1798 O '65.

YAKUTIA—AUXILIARY POLICE

Shadrin, I. P. [Community maintains law and order] Oshcheshchestvennost' na strazhe poriadka. Yakutsk, Yakutskoe knizhnoe izd-vo, 1964, 37 p. (CST-II)

YAKUTIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Dom politicheskogo prosveshcheniya, Yakutsk. [We are responsible for each one, from experience in political work with the masses] My v otvete za kazhdogo, iz opyta massovo-politicheskoi raboty. Yakutsk, Yakutskoe knizhnoe izd-vo, 1965, 58 p.

YAKUTIA—MAMMALS

Akademija nauk SSSR, Yakutskii filial, Yakutsk, Institut biologii. [Vertebrates of Yakutia, materials on their ecology and number] Pozvonochnye zhivotnye Yakutii; knizhnoe izd-vo, 1964, 127 p. (NIC)

YAKUTIA—PENSIONS

From the board of the Ministry, Sots. obspe. 20 no. 10: 50-51 O '65.

YAKUTIA—RECLAMATION OF LAND

Planning land improvement in central Yakutia. N. N. Iutin, Gidr. i mel. 17 no. 10:15-20 O '65.

YAKUTIA—STURGEONS

Materials on the biology of the Siberian sturgeon Acipenser baeri Brandt in the bodies of water of Yakutia. A. I. Sokolov, A. S. Novikov, Nauch. dokl. vys. shkoly biol. nauki no. 4:30-38 '65.

YAKUTIA—VERTEBRATES

Akademija nauk SSSR, Yakutskii filial, Yakutsk, Institut biologii. [Vertebrates of Yakutia, materials on their ecology and number] Pozvonochnye zhivotnye Yakutii; knizhnoe izd-vo, 1964, 127 p. (NIC)

YALTA—HEALTH RESORTS, WATERING PLACES, ETC.

A man came to a boarding house. IU Gelinskii, Okhr. truda i sots. strakh. 8 no. 11:31-35 N '65.

YAMAL-NENETS NATIONAL AREA—AGRICULTURAL LIBRARIES

Concepts of reindeer herders. S. Shal'nev, Bibliotekar' 3 no. 10:8-10 O '65.

YAMAROVKA REGION (CHITA PROVINCE)—BIRDS IN WINTER

Winter ornithofauna of the Yamarovka region. A. N. Leont'ev, Ornitologiya no. 7:478-478 '65.

YAMS see subdivision under Moscow Province, Soviet Far East

YARN

Bulked core yarn. A. G. Kogan, Tekst. prom. 25 no. 10:22-24 O '65.

YARN—TESTING

Practical value of the index of yarn strength. N. N. Miloridov, Tekst. prom. 25 no. 9:65-68 S '65.

YAROSLAVL—APARTMENT HOUSES—MANAGEMENT

Activity of all is the guarantee of success. S. Naumov, Zhd. i kom. khoz. 16 no. 9:15 S '65.

YAROSLAVL—MUNICIPAL SERVICES

Fomenko, I. P., and T. V. Staleva. [A city changes its face] Gorod meniaet oblik. Moskva, Stroizdat, 1965 68 p.

YEAST

Effect of bacterial infection on the yield and quality of yeast. L. A. Goshchikova, N. N. Bocharova, P. S. Zvigun, Izv. vyz. ucheb. zav. pishch. tekhn. no. 5:71-77 '65.
Fat hydrolyzing yeast. A. M. Skodumova, Mikrobiologiya 31 no. 5:812-817 S-O '65.

Participation of basic and secondary alcohol fermentation products in the synthesis of yeast protein. T. S. Lomkatskii, L. D. Vocheridze, Soob. AN Gruz. SSR 39 no. 1:81-88 J1 '65.

Role of yeast in silting corn. S. S. Shchelokova, K. I. Mubisakova, Uzb. biol. zhur. 9 no. 4:18-20 '65.

Some properties of wine and sherry yeast. V. M. Lova, P. I. Ilyev, Izv. vyz. ucheb. zav. pishch. tekhn. no. 5: 111-116 '65.

Suppression of adenine requirement in yeast. S. G. Ingos-Vechtomov, Genetika no. 2:22-26 Ag '65.

YEAST—CULTURES AND CULTURE MEDIA

Deadadaptation of Candida tropicalis yeast adapted to L-arabinose. I. U. Karasevich, M. V. Buturina, Mikrobiologiya 31 no. 4:676-678 J1-Ag '65.

Recovery of prenutritional states induced by radiation in yeast cells. I. P. Arman, O. H. Kuznetsova, Genetika no. 1:89-92 '65.

Use of some wastes of the antibiotics industry for growing fodder yeast. I. I. Kvasnykov, D. M. Isakova, O. O. Nesterenko, Mikrobiol. zhur. 27 no. 5:80-81 '65.

YEAST—DRYING

Production of dried yeast. I. U. Sysoeva, N. V. Gorbachova, Khleb. i kond. prom. 9 no. 6:37-41 Jo '65.

YEAST—NITROGEN CONTENT

Automatic unit for determining the concentration of assimilable nitrogen. V. V. Lavrov, V. A. Maichenko, S. I. Llamina, Khleb. i kond. prom. 9 no. 10:24-26 O '65.

YEAST—THERAPEUTIC USE

Use of yeasts in the treatment of gastritis. I. M. Kravtsov, Sbor. nauch. rab. vrach. san.-kur. uchr. profsojuzov no. 1:76-78 '64.

YELIZAVETOVKA RESERVOIR—WATER—ANALYSIS

Study of water-salt regime of the Yelizavetovka Reservoir. D. A. Radkevich, Trudy VODGEO no. 10:36-67 '64.

YEL'SK OIL FIELD—PETROLEUM—ANALYSIS

Group composition of organosulfur compounds in gasoline-kerosene fractions of Yel'sk petroleum. A. M. Shevelik, N. P. Emeitenov, Dokl. AN BSSR 9 no. 8: 523-525 Ag '65.

YENISEY RIDGE—GEOMORPHOLOGY

Old glaciation and erosional surfaces in the southern part of the Yenisey Ridge. S. P. Al'ter, Dokl. Inst. geog. Sib. i Dal'. Vest. no. 7:3-12 '64.

YENISEY VALLEY—ELECTROMAGNETIC PROSPECTING

Study of the structure of the Ust' Yenisey depression using the methods of magnetotelluric profiling and magnetotelluric sounding. D. I. Gvzd', Uch. zap. NIIGA, Reg. geol. no. 3:195-209 '61.

YENISEY VALLEY—GEOLOGY, STRATIGRAPHIC

Practice in the composition of the unified stratigraphic scale of volcanic formations in the northwestern part of the Siberian Platform (Yenisey ore area). D. A. Dodin, L. G. Sukhov, Uch. zap. NIIGA, Reg. geol. no. 3: 27-50 '64.

Stratigraphic correlation of the Igarka series with the Shel'nogorsk and Nizhnesukhikhsk effusives. V. M. Krymskii, Dokl. AN BSSR 164 no. 5:110-112 O '65.

YENISEY VALLEY—INDUSTRIES, LOCATION OF

Problems of the distribution of the productive forces of the northern part of the Yenisey Valley. G. L. Tarasov, Probl. Sev. no. 9:32-37 '65.

YENISEY VALLEY—PHYTOGEOGRAPHY

Phytogeographic zoning of the forest-bank Yenisey Valley. M. I. Filizova, Uch. zap. Kras. gos. ped. inst. 21 no. 6:74-102 '63.

YENISEY VALLEY—VOLCANIC ASH, TUFF, ETC.

Practice in the composition of the unified stratigraphic scale of volcanic formations in the northwestern part of the Siberian Platform (Yenisey ore area). D. A. Dodin, L. G. Sukhov, Uch. zap. NIIGA, Reg. geol. no. 3: 27-50 '64.

YEREVAN see Eivan

YESSENTUKI—HEALTH RESORTS, WATERING PLACES, ETC.

Effectiveness of ambulatory treatment of patients with saturated penetrating gastric ulcers at Yessentuki Health Resort. M. T. Tyarkovskaya and others, Sbor. nauch. rab. vrach. san.-kur. uchr. profsojuzov no. 1:11-17 '64.

Results of health-resort treatment of adolescents and youths with gastric and duodenal ulcers. A. S. Kravagina, Sbor. nauch. rab. vrach. san.-kur. uchr. profsojuzov no. 1:95-97 '64.

YESSENTUKI—MINERAL WATERS

Comparative evaluation of various methods of gastric lavage with "Yessentuki" No. 4 mineral water in chronic gastritis. E. M. Zaremba and others, Sbor. nauch. rab. vrach. san.-kur. uchr. profsojuzov no. 1:78-83 '64.

YEVPATORIYA (UKRAINE)—HEALTH RESORTS, WATERING PLACES, ETC.

Grigor'ev, N. N., and S. S. Severinov. [Yevpatoriya, the city of sun; a brief essay on the history of the town. Advice for guests at Yevpatoriya Health Resort. For whom treatment at Yevpatoriya is recommended] Yevpatoriya, gorod solntsa, kratkii razskaz ob istorii goroda. Sovety otdykhatsel'm na yevpatoriiskom kurorte. Komu rekomendovano lechenie v Yevpatorii. (Simferopol), Izd-vo "Krym," 1965, 140 p.

Results of the treatment of infectious nonspecific (rheumatoid) polyarthritis at Yevpatoriya Health Resort. D. L. Pchel'muter, Sbor. nauch. rab. vrach. san.-kur. uchr. profsojuzov no. 1:73-177 '64.

YOUNG COMMUNIST INTERNATIONAL

From C. Lightfoot's speech at the Sixth Congress of the Communist Youth International on October 2, 1935, Vop. ist. KPSS 9 no. 10:59-63 O '65.

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUTH see subdivision under Ukraine, Vinitsa Province

YOUTH—EMPLOYMENT

(see also subdivision under Kaluga Province; Ukraine)

Problem of young labor in Soviet agriculture. S. S. Vorontsyin, Mat. i sob. issl. old. inst. po tsech. SSSR no. 55:56:100-107 '64.

YOUTH—PERIODICALS

Disputes flare up. L. Grachnaya, Bibliotekar' 43 no. 10: 26-27 O '65.

YTTRIUM

Some characteristics of the accumulation of yttrium and strontium by marine organisms. V. P. Panchovskii, G. G. Polikarpov, I. S. Zharumova, Dokl. AN BSSR 164 no. 4:913-916 O '65.

YTTRIUM COMPOUNDS

Yttrium and erbium formates and their properties. V. E. Pilyuchev and others, Zhur. ob. khim. 35 no. 10:1783-1780 O '65.

